

Plant Varieties Journal

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Rights Office, IP Australia

Quarter Three 2008

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Part 1 of *Plant Varieties Journal* provides the link with the General Information about the Plant Breeder's Rights Scheme, the procedures for objections and revocations, UPOV developments, important changes, official notices etc. The General Information pages of *Plant Varieties Journal* (Vol. 21 Issue 3) are listed below:

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Interactive Variety Description System (IVDS)

For preparing the detailed description, the Plant Breeder's Rights Office (PBRO) has released the Interactive Variety Description System (IVDS) in the Internet (https://pbr-ivds.ipaustralia.plantbreeders.gov.au/pbr_ivds/) for the Qualified Persons (QPs).

In the beginning of April 2005, all QPs have officially been notified of this new system giving them access to IVDS with their individual user name and password. The main purpose of the system is to harmonise variety descriptions at both national and international level and make the PBR application process as smooth and efficient as possible.

The IVDS allows QPs to fill in descriptions on-line by accessing relevant test guidelines and selecting specific characteristics with their various states of expressions from the options provided. The IVDS incorporated all of the approved UPOV test guidelines (and some national equivalents where a UPOV test guideline is not available) into interactive forms with easy to use drop-down menus. QPs can "build" their own additional/special characteristics if they are not available in the guideline. The IVDS also accepts statistical information.

The IVDS emphasises the use of "grouping characteristics" in selecting comparator varieties. Finally, it allows QPs to lodge the completed variety descriptions on-line. There is a minimum typing involved in the process.

The PBRO anticipates that the QPs had the opportunity to familiarise themselves with IVDS during the testing and demonstration phase (August – Dec 2004) and could operate the system comfortably. There are step by step on-screen instructions with examples in each step of IVDS, which will assist the QPs to complete the process smoothly. In addition, PBRO is ready to help QPs, if they encounter any problem. Please send an e-mail to pbr@ipaustralia.gov.au if there is a problem in completing the description using IVDS.

Objections and revocations

Objections to Applications and Requests for Revocation of a Grant or of a Declaration that a Plant Variety is Essentially Derived from Another Plant Variety

The Plant Breeder's Rights scheme is administered consistent with the model law of the *International Convention for the Protection of New Plant Varieties 1991* (UPOV 91), that is, applicants are entitled to protection, in the absence of proof to the contrary.

The Plant Breeder's Rights Office (PBRO) is not required to advocate for the views, assertions, and opinions of persons challenging an application for plant breeder's rights. Those objecting to applications, requesting revocation of a grant, or seeking a declaration that a plant variety is essentially derived from another plant variety should provide sufficient probative evidence to enable the Secretary to be satisfied of their validity of their claims. It cannot be stressed too strongly that all available evidence ought to accompany the application for objection/revocation/declaration at the outset.

Occasionally the PBRO receives comments on applications. The PBRO seeks to give effect to the processes set out in the PBR Act. The Act provides for a formal objection process, and comments are not formal objections. Where members of the public genuinely believe their commercial interests would be affected and that PBR for a proposed variety ought not to be granted, they are encouraged to use the Act's processes, eg. lodging an objection. Comments are simply informal information from the public to a governmental decision maker. The PBRO will generally not engage in further communication with the commentator regarding their comment, although the comment may be valuable in alerting the PBRO to an important matter of which it was previously unaware.

Objections to Applications

A person may make objections to applications for PBR if (i) their commercial interests would be affected adversely, and (ii) the application will not fulfil all the conditions required by the Plant Breeder's Rights Act.

Objections to applications must be lodged with the Registrar no later than six months after the date the description of the variety is published in this journal. The objector must provide evidence of adverse affect on their commercial interests and that the application should not be granted.

The Registrar of the Plant Breeder's Rights Office (PBRO) is required to give a copy of the objection to the applicant. The objection is also available to the general public on request. The applicant has the opportunity to respond to the evidence presented. The Registrar then decides whether or not the objection will be upheld and, subsequently, whether the application will be granted. The PBRO is under no obligation to enter into further dialogue regarding an objection or to communicate reasons why an objection is not upheld. If an objection is upheld it will be notified in this journal.

A payment of \$100 is required on lodgement of the objection. Additional costs of \$75 per hour for work undertaken in relation to the objection will be billed to the objector.

Requests for Revocation, (where an individual's interests are affected) of:

· **a Grant**

· **a Declaration that a Plant Variety is Essentially Derived**

A person may, when their interests are affected adversely, apply for the revocation of:

· a grant of PBR; or

· a declaration that a plant variety is essentially derived from another plant variety.

The person requesting revocation is required to lodge a revocation payment fee of \$500. The person seeking revocation of a grant or declaration that a plant variety is essentially derived from another plant, must provide conclusive evidence of adverse affect on their interests and that the grant should be revoked.

The PBRO also accepts information regarding revocation of grants and declarations of essentially derived plant varieties. Such information must demonstrate conclusively that a grant or declaration should not have been made. All written information will be acknowledged. The PBRO is under no obligation to enter into further communication regarding information provided.

Report on Breeding Issues

A report providing greater clarification of certain 'difficult' and sometimes controversial plant breeding issues has been finalised by a panel of experts. The report defines 'discovery', 'selective propagation' and 'eligible breeding' methodologies as well as canvassing questions and answers to a range of situations. The principal areas covered are the source population and associated issues relating to ownership, location, homogeneity, parentage, boundaries, and selection from variable material. The issue of essentially derived varieties and the relationship between the first and the second breeder(s) is also explored. The [final report](#) of the expert panel is available now.

Use of Overseas Data

Overseas Testing/Data

The PBR Act allows DUS data produced in other countries (overseas data) be used in lieu of conducting a comparative trial in Australia provided certain conditions are met; relating to the filing of applications, sufficiency of the data and the likelihood that the candidate variety will express the distinctive characteristic(s) in the same way when grown locally. Briefly the overseas data could be considered where:

- The first PBR application relating to the candidate variety has been lodged overseas, and
- the variety has previously been test grown in a UPOV member country using official UPOV test guidelines and test procedures, (i.e. equivalent to a comparative trial in Australia) and
- either, all the most similar varieties of common knowledge (including those in Australia) have been included in the overseas DUS trial, or
- the new overseas variety is so clearly distinct from all the Australian varieties of common knowledge that further DUS test growing is not warranted, and
- sufficient data and descriptive information is available to publish a description of the variety in an accepted format in Plant Varieties Journal; and to satisfy the requirements of the PBR Act.

Taxa that must be trailed in Australia

It is the policy of PBR office to not accept overseas data for the following taxa due to the wide genotype by environment interactions that have been previously experienced. Varietal descriptions from overseas trials have consistently been different from those obtained from trials grown under Australian conditions. Consequently, for the following taxa a full PBR trial must be conducted in Australia:

Solanum tuberosum Potato

The Qualified Person, in consultation with the agent/applicant, and perhaps other specialists and taxonomists, will need to evaluate the overseas data, test report and photographs to see if the application does fulfil all PBR Office requirements, and then advise the agent/applicant:

- either, to submit Part 2 incorporating a description for publication, any additional data and photographs and to pay the examination fee;
- or, to conduct a DUS trial in Australia, recommending to the applicant/agent which additional varieties of common knowledge to include;

- or, submit Part 2 including additional data (information about similar varieties in Australia to show that they are clearly distinct from the candidate variety that a further DUS test growing including the similar varieties is not warranted and that the variety displays the distinctive characteristics when grown in Australia)

Please note that the PBR office does not obtain overseas DUS test reports on behalf of applicants. It is the sole responsibility of the applicants to obtain these reports directly from the relevant overseas testing authorities. Where applicants already have the report they are advised to submit a certified true copy of the report with the Part 1 application. Applicants, or those duly authorised, may certify the copy.

If you do not have the test report available at the time of Part-1 application then you are advised to submit the Part-1 application without the test report. However, you should make arrangements to procure the DUS test report directly from the relevant testing authority. When the report becomes available, a certified copy should be supplied to the QP and the PBR office.

When the trial is based on an UPOV technical guideline and test report in an official UPOV language (English, German or French), it can be lodged in support of the application. In other cases the test reports must be in English.

The applicant/agent and Qualified Person should use the overseas test report to complete Part 2 of the application, making a decision on how to proceed in view of the completeness of the information, the comparators (if any) used in the overseas DUS trial and their knowledge of similar Australian varieties that may not have been included in the overseas test report.

If a description is based on an overseas test report, Australian PBR will not be granted until after the decision to grant PBR in the country producing the DUS test is made. The final decision on the acceptability of overseas data rests with the PBR office.

PBR Infringement

Grantees should be aware of recent revisions to infringement provisions of the [Plant Breeder's Rights Act 1994](#) (see section 54) and related provisions of the Federal Court Rules (see order 58 rule 27) both of which can be found at the [ComLaw site](#)

On-line Database for PBR Varieties

The PBR Office has a comprehensive service for Internet users ~ a searchable database for all Australian PBR varieties, both past and present. The database features a detailed description and image for every variety granted full rights and basic information for other PBR varieties. Searches by genus, species, common name, variety name and titleholder are some of its many advantages. Varieties for which an application has been lodged but not yet accepted in the PBR scheme are not included in this database. Please browse the Plant Breeder's Rights [on-line](#) database and provide your feedback.

Cumulative Index to Plant Varieties Journal

The cumulative index to the [*Plant Varieties Journal*](#) has been updated to include variety information from all hardcopy versions up to volume 16 issue 3. After that issue the Plant Varieties Journal is only published in the electronic format and there is no need for a cumulative index, as the variety information can be easily searched in the PBR [online database](#) and also by downloading the [*Plant Varieties Journal*](#) electronically.

The final updated version of the cumulative index is available in PBR website. This document has information up to Plant Varieties Journal volume 16 issue 3. The PBR office recommends use its PBR [online database](#) to get most updated information on variety registration. The [online database](#) is updated on a weekly basis.

Applying for Plant Breeder's Rights

Applications are accepted from the original breeder of a new variety (from their employer if the breeder is an employee) or from a person who has acquired ownership from the original breeder. Overseas breeders need to appoint an agent to represent their interests in Australia. Interested parties should contact the PBR office and an accredited Qualified Person experienced in the plant species in question.

Steps in Applying for Plant Breeder's Rights

- Obtain from the breeder a signed Authorisation to act as their agent in Australia for the variety in question if your role is as the Australian agent of an overseas breeder;
- Complete [Part 1](#) of the application form, supplying a photograph of the new variety, paying the [application fee](#), nominating an accredited '[Qualified Person](#)' and, if the variety is an Australian species, despatch as soon as possible a [herbarium specimen](#);
- Engage the services of the nominated accredited 'Qualified Person' to plan and supervise the [comparative growing trial](#);
- Conduct a comparative growing trial to demonstrate Distinctness, Uniformity and Stability ([DUS](#)), complete [Part 2](#) of the application form and paying the [examination fee](#);
- Deposit propagating material in a [Genetic Resources Centre](#).
- Examination of the application by the PBR Office, which may include a field examination of the comparative growing trial; and including
- Publication of a description and photograph comparing the new variety with similar varieties in Plant Varieties Journal, followed by a six-month period for objection or comment.
- Upon successful completion of all the requirements, resolution of objections (if any) and payment of [certificate fee](#), the applicant(s) receive a Certificate of Plant Breeder's Rights.

Requirement to Supply Comparative Varieties

Once an application has been accepted by the PBR office, it is covered by provisional protection. Also it immediately becomes a 'variety of common knowledge' and thus may be required by others as a comparator for their applications with a higher application number.

Applicants are reminded that they are required to release propagative material for comparative testing provided that the material is used for no other purpose and all material relating to the variety is returned when the trial is complete. The expenses incurred in the provision of material for comparative trials are borne by those conducting the trials.

As the variety is already under provisional protection, any use outside the conditions outlined above would qualify as an infringement and would be dealt with under section 53 of the [*Plant Breeder's Rights Act 1994*](#).

Applicants having difficulties procuring varieties for use in comparative trials are urged to contact the PBR office immediately

UPOV Developments

The UPOV Convention provides the international legal framework for the granting of plant breeders' rights which are a key element in encouraging breeders to pursue and enhance their search for improved varieties with benefits such as higher yield and quality and better resistance to pests and diseases. Plant breeders' rights thereby help to enhance sustainable agriculture, productivity, income, international trade and economic development in general.

The members of UPOV are (as of November 18, 2007):

Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, European Community, Estonia, Finland, France, Germany, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Panama, Paraguay, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Trinidad and Tobago, Turkey, Tunisia, Ukraine, United Kingdom, United States of America, Uruguay, Uzbekistan and Vietnam. (Total 65).

On October 18, 2007 Turkey deposited with the Office of the Union its instrument of accession to the 1991 Act of the UPOV Convention. The 1991 Act entered into force for Turkey on November 18, 2007. On that day, Turkey became the 65th member state of UPOV.

Further Information on UPOV and its activities is available on the website located at <http://www.upov.int>

The adopted UPOV Technical Guidelines (TG) for testing different plant species are now available for this website at <http://www.upov.int/en/publications/tg-rom/index.html>

European Developments

Community plant variety rights within the European Union are administered by the Community Plant Variety Office (CPVO) in Angers, France. With more than 2,600 applications per year, the CPVO receives the highest number of requests for variety protection among the 63 members of UPOV. The CPVO provides for one application, one examination and one title of protection that is valid and enforceable in all 25 members of the European Union.

The potential applicants for Plant Variety Rights within European Union are requested to consult [Notes for Applicants](#) published by the Community Plant Variety Office (CPVO). This note aims to answer legal, administrative and financial questions that one may have when requesting Community plant variety rights. Further information is available from [CPVO website](#).

Obligation under the International Convention for the Protection of New Varieties of Plants 1991 (UPOV91)

Consistent with Australia's membership of UPOV 1991, the criteria for the granting of protection under the [Plant Breeder's Rights Act 1994](#) (PBRA) is that the variety: has a breeder; is new, distinct, uniform and stable; has an acceptable name; and that application formalities are completed and relevant fees payed.

Applicants for protection need to be aware of the existence of any other Australian legislation, which could impact on their intended use of the registered variety. Administrators of other Australian legislation may have an interest in applications for registration notified in this journal.

It is feasible for a new variety to be registered under the PBRA, but, as the PBRA co-exists with other laws of the land, the exercise of the breeder's right may be restricted by such legislation. For example, current legislation may prohibit the use of that variety in food, or, the growing of that variety as a noxious weed.

The Plant Breeder's Rights Office (PBRO) advises that it is the responsibility of the applicant and of administrators of legislation to take these matters up directly between the responsible parties and not with the PBRO.

Instructions to Qualified Persons

Instruction to Qualified Persons: Interactive Variety Description System (IVDS) for Preparing Detailed Description for Plant Varieties Journal

For preparing the detailed description, the Plant Breeder's Rights Office (PBRO) has released the Interactive Variety Description System (IVDS) in the Internet (https://pbr-ivds.ipaustralia.plantbreeders.gov.au/pbr_ivds/) for the Qualified Persons (QPs).

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The PBRO anticipates that the QPs had the opportunity to familiarise themselves with IVDS during the testing and demonstration phase (August – Dec 2004) and could operate the system comfortably. There are step by step on-screen instructions with examples in each step of IVDS, which will assist the QPs to complete the process smoothly. In addition, PBRO is ready to help QPs, if they encounter any problem. Please send an e-mail to pbr@ipaustralia.gov.au if there is a problem in completing the description using IVDS.

The detailed descriptions are accepted only in the IVDS format.

Also, please note that after finalising the description through IVDS, the QPs will still need to submit the signed hardcopies of the Part 2 documentations in order to complete the application process. Please contact the PBRO (pbr@ipaustralia.gov.au) for further information.

Official Notice**Declaration of the days in 2008-2009 when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office and their sub-offices are taken not to be open for business**

The close-down provisions in the designs, olympic insignia protection, patents, plant breeder's rights and trade marks legislation provide for the effect of Designs Office, the Patent Office, the PBR Office and the Trade Marks Office ('the Canberra offices') or any of their sub-offices in the State capitals ('State offices') not being open for business.

On 14 October 2008, the Director General of IP Australia declared under the close-down provisions the days when the Canberra offices and the State offices will not be open for business for the 2008-2009 Calendar year. A copy of the declaration is attached. You will note that it covers the period from 14 October 2008 to 1 January 2010.

The Canberra offices and the State offices will not be open for business on the following days in the period 14 October 2008 to 1 January 2010.

All the Canberra offices and the State offices:

All Saturdays and Sundays in the period

Thursday, 25 December 2008

to Thursday, 1 January 2009

Monday 26 January 2009

Friday, 10 April 2009

Monday, 13 April 2009

Friday, 25 December 2009

to Friday 1 January 2010

Christmas to New Year close-down;

Australia Day

Good Friday

Easter Monday;

Christmas to New Year close-down.

The following are the days in 2008-2009 when the Canberra offices and particular States offices will not be open for business:

The Canberra offices

Tuesday, 4 November 2008

Family and Community Day;

Monday 9 March 2009

Canberra Day

Monday, 27 April 2009

Anzac Day;

Monday 8 June 2009

Queen's Birthday holiday

Monday 5 October 2009

Labour Day

Tuesday, 3 November 2009

Family and Community Day; and

The New South Wales office

Dates not yet proclaimed in NSW

The Queensland office

Monday 4 May 2009	Labour Day
Monday 8 June 2009	Queen's Birthday holiday
Wednesday 12 August 2009	Royal Queensland Show Day

The South Australian office

Monday 9 March 2009	Adelaide Cup Day
Monday 8 June 2009	Queen's Birthday holiday
Monday 5 October 2009	Labour Day

The Tasmanian office

Thursday, 23 October 2008	Royal Hobart Show Day;
Monday 9 February 2009	Royal Hobart Regatta holiday
Monday 9 March 2009	Eight Hours Day
Monday 8 June 2009	Queen's Birthday holiday
Thursday 22 October 2009	Royal Hobart Show Day

The Victorian office

Tuesday 4 November 2008	Melbourne Cup Day
Monday 9 March 2009	Labour Day
Monday 8 June 2009	Queen's Birthday holiday
Tuesday 3 November 2009	Melbourne Cup Day

The Western Australian office

Monday 2 March 2009	Labour Day
Monday 27 April 2009	Anzac Day
Monday 1 June 2009	Foundation Day
Monday 28 September 2009	Queen's Birthday holiday

For more information on the effect of the close-down provisions, please see the Official Notices of 23 March 2007 titled *Intellectual Property Legislation Amendment Regulations 2007 (No. 1)* and *The new close-down provisions in the trade marks legislation* available on IP Australia's website through the page www.ipaustralia.gov.au/resources/officialnotices.shtml.

Contact: IP Australia
Phone: 1300 651 010
Fax: +61 2 6283 7999
E-mail: assist@ipaustralia.gov.au
Web: www.ipaustralia.gov.au



Australian Government
IP Australia

Part 2 Public Notices (Acceptances, Descriptions, Grants, and Variations etc)

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 21 Issue 3) are listed below:

- [Home](#)
- [Acceptances](#)
- [Variety Descriptions](#)
- [Grants](#)
- [Denomination/Synonym Changed](#)
- [Assignment of Rights](#)
- [Change of Agent](#)
- [Change of Applicant's Name](#)
- [Applications Withdrawn](#)
- [Grants Surrendered](#)
- [Grants Expired](#)
- [Corrigenda](#)

ACCEPTANCE

The following varieties are under provisional protection from the date of acceptance:

Acacia cognata

BOWER WATTLE, RIVER WATTLE

'Fettuccini'

Application No: 2008/266 Accepted: 23 September, 2008

Applicant: **Phillip Dowling.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Actinidia chinensis

KIWIFRUIT

'Z487'

Application No: 2008/151 Accepted: 2 July, 2008

Applicant: **Donald Alfred Skelton.**

Agent: **Global Plant IP Pty Ltd**, Goondiwindi, QLD.

Aloe hybrid

ALOE

'LEO 4134' syn Aries

Application No: 2008/182 Accepted: 8 September, 2008

Applicant: **Leo Peter Erik Thamm.**

Agent: **Michael Dent**, Taringa, QLD.

Angelonia augustifolia

ANGELONIA, GRANNY'S BONNET

'ANWEDG'

Application No: 2008/093 Accepted: 31 July, 2008

Applicant: **Elsner pac Jungpflanzen.**

Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Anigozanthos hybrid

KANGAROO PAW

‘Ramboblitz’ syn Bush Blitz

Application No: 2008/119 Accepted: 7 July, 2008

Applicant: **Ramm Botanicals Holdings Pty Ltd**, Tuggerah, NSW.

‘Ramboramp’ syn Rampaging Roy Slaven

Application No: 2008/121 Accepted: 7 July, 2008

Applicant: **Ramm Botanicals Holdings Pty Ltd**, Tuggerah, NSW.

Arachis hypogaea

PEANUT, GROUND NUT

‘Chifley’

Application No: 2008/106 Accepted: 3 July, 2008

Applicant: **University of Florida Agricultural Experiment Station**.

Agent: **Peanut Company of Australia Limited**, Kingaroy, QLD.

Argyranthemum frutescens

MARGUERITE DAISY

‘BONMADCINK’ syn Pink Double

Application No: 2008/168 Accepted: 3 July, 2008

Applicant: **Bonza Botanicals Pty Ltd**.

Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

‘BONMADCREL’ syn Yellow Double

Application No: 2008/170 Accepted: 3 July, 2008

Applicant: **Bonza Botanicals Pty Ltd**.

Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

‘Bonmadcrio’ syn Violet Double

Application No: 2008/171 Accepted: 3 July, 2008

Applicant: **Bonza Botanicals Pty Ltd**.

Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

‘BONMADMERLO’ syn Red Double

Application No: 2008/167 Accepted: 3 July, 2008

Applicant: **Bonza Botanicals Pty Ltd**.

Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

‘Bonmadpipa’ syn Pink Single

Application No: 2008/172 Accepted: 3 July, 2008
Applicant: **Bonza Botanicals Pty Ltd.**
Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

‘Bonmadprose’ syn Yellow Single

Application No: 2008/173 Accepted: 3 July, 2008
Applicant: **Bonza Botanicals Pty Ltd.**
Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

‘BONMADWITIM’ syn White Single

Application No: 2008/169 Accepted: 3 July, 2008
Applicant: **Bonza Botanicals Pty Ltd.**
Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

Avena sativa

OATS

‘Mammoth’

Application No: 2008/189 Accepted: 29 July, 2008
Applicant: **New Zealand Institute for Crop & Food Research Limited.**
Agent: **Heritage Seeds Pty Ltd**, Howlong, NSW.

Betula nigra

RIVER BIRCH

‘Summer Cascade’

Application No: 2008/067 Accepted: 18 August, 2008
Applicant: **John D. Allen and Daniel A. Allen.**
Agent: **Plants Management Australia Pty . Ltd.**, Dodges Ferry, TAS.

Brachyscome hybrid

BRACHYSCOME

‘Ramboisla’ syn Pacific Island

Application No: 2008/122 Accepted: 7 July, 2008
Applicant: **Ramm Botanicals Holdings Pty Ltd**, Tuggerah, NSW.

‘Rambosun’ syn Pacific Sun

Application No: 2008/123 Accepted: 7 July, 2008

Applicant: **Ramm Botanicals Holdings Pty Ltd**, Tuggerah, NSW.

‘Rambotide’ syn Pacific Tide

Application No: 2008/125 Accepted: 7 July, 2008

Applicant: **Ramm Botanicals Holdings Pty Ltd**, Tuggerah, NSW.

Brassica juncea

INDIAN MUSTARD

‘NORAM’

Application No: 2008/077 Accepted: 30 July, 2008

Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation**, Orange, NSW.

Callistemon pallidus x *Callistemon citrinus*

BOTTLEBRUSH

‘KKH01’

Application No: 2007/002 Accepted: 30 July, 2008

Applicant: **J.L. Scholtz**.

Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Callistemon viminalis

BOTTLEBRUSH

‘Little Silver’

Application No: 2008/248 Accepted: 29 August, 2008

Applicant: **Terence Charles Keogh**, Victoria Point, QLD.

Cannabis sativa

INDUSTRIAL HEMP

‘Xulan’ syn Frog One

Application No: 2008/058 Accepted: 30 July, 2008

Applicant: **Patrick Steven Calabria**, Griffith, NSW.

‘BundyGem’

Application No: 2008/129 Accepted: 29 July, 2008
Applicant: **Agri Fibre Industries Pty Ltd**, Bundaberg, QLD.

‘Calavos’

Application No: 2008/130 Accepted: 29 July, 2008
Applicant: **Agri Fibre Industries Pty Ltd**, Bundaberg, QLD.

‘FibreGem’

Application No: 2008/131 Accepted: 29 July, 2008
Applicant: **Agri Fibre Industries Pty Ltd**, Bundaberg, QLD.

‘Kepnock’

Application No: 2008/132 Accepted: 29 July, 2008
Applicant: **Agri Fibre Industries Pty Ltd**, Bundaberg, QLD.

Citrus glauca

DESERT LIME

‘Abundance’

Application No: 2008/245 Accepted: 9 September, 2008
Applicant: **Canebridge Pty Ltd**, Roma, QLD.

Coprosma repens

MIRROR PLANT

‘Pina Colada’

Application No: 2008/223 Accepted: 29 September, 2008
Applicant: **Annton Nursery Ltd**.
Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

Daphne xtransatlantica

DAPHNE

‘Blafra’ syn Eternal Fragrance

Application No: 2008/260 Accepted: 11 September, 2008
Applicant: **Anthony Robin White and Susan Barbara White**.
Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Dianella caerulea

BLUE FLAX-LILY, UMBRELLA DRACAENA

‘Allyn Flat Chat’

Application No: 2008/249 Accepted: 29 August, 2008
Applicant: **V.F. & N.C. Jupp**, East Gresford, NSW.

Dianella prunina

FLAX LILY

‘DPV308’

Application No: 2008/180 Accepted: 6 August, 2008
Applicant: **Ozbreed Pty Ltd**, Clarendon, NSW.

Dianthus allwoodii

PINKS

‘WP05 Yves’ syn Coconut Sundae

Application No: 2008/200 Accepted: 28 August, 2008
Applicant: **Whetman Pinks Ltd.**
Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Dietes robinsoniana

LORD HOWE WEDDING LILY

‘RB1’

Application No: 2008/212 Accepted: 28 August, 2008
Applicant: **John R Drinkwater**, Mt Colah, NSW.

Dodonaea viscosa

PURPLE HOP-BUSH

‘Hip Hop’

Application No: 2008/254 Accepted: 26 September, 2008
Applicant: **Peter Alford**.
Agent: **Mansfields Propagation Nursery**, Skye, VIC.

Erodium chrysanthum

CRANESBILL, YELLOW STROKESBILL

‘Cotswold Jewel Cream’

Application No: 2008/251 Accepted: 9 September, 2008

Applicant: **John Anton-Smith.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Erodium glandulosum

HERONSBILL

‘Cotswold Jewel Pink’

Application No: 2008/252 Accepted: 9 September, 2008

Applicant: **John Anton-Smith.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Fallopia sachalinensis

GIANT KNOTWEED, JAPANESE KONTWEED, MEXICAN BAMBOO, ROUND KNOTWEED

‘Igniscum’

Application No: 2008/040 Accepted: 2 July, 2008

Applicant: **Conpower Energie GmbH & Co. KG.**

Agent: **Spruson & Ferguson**, Sydney, NSW.

Fragaria xananassa

STRAWBERRY

‘BLISS’

Application No: 2008/056 Accepted: 2 July, 2008

Applicant: **PLANT SCIENCES, INC..**

Agent: **WATERMARK Patent and Trademark Attorneys**, Hawthorn, VIC.

‘Parisienne Belle’

Application No: 2008/127 Accepted: 2 July, 2008

Applicant: **State of Queensland through its Department of Primary Industries and Fisheries, Horticulture Australia Limited**, Brisbane, Qld.

‘MACARENA’

Application No: 2008/059 Accepted: 2 July, 2008

Applicant: **Plantas de Navarra, S.A. (Planasa).**

Agent: **Red Jewel Fruit Management Pty Ltd**, Ballandean, QLD.

Geranium xcantabrigiense

GERANIUM

‘Ruby Trinkets’

Application No: 2008/259 Accepted: 11 September, 2008

Applicant: **Alan Bremner**.

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Grevillea alpina x *Grevillea rosmarinifolia*

GREVILLEA

‘Charlie's Angel’

Application No: 2008/263 Accepted: 23 September, 2008

Applicant: **Austraflora Pty Ltd**, Dixons Creek, VIC.

Hardenbergia violacea

FALSE SARSPARILLA

‘Rambospray’ syn Purple Spray

Application No: 2008/206 Accepted: 28 August, 2008

Applicant: **Ramm Botanicals Holdings Pty Ltd**, Tuggerah, NSW.

Hebe hybrid

HEBE

‘Sunset Boulevard’

Application No: 2008/222 Accepted: 29 September, 2008

Applicant: **Annton Nursery Ltd**.

Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

Heuchera villosa

HAIRY ALUMROOT

‘Brownies’

Application No: 2008/207 Accepted: 27 August, 2008

Applicant: **Sandrine Delabroye**.

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

‘Caramel’

Application No: 2008/208 Accepted: 18 August, 2008

Applicant: **Sandrine Delabroye.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

‘Citronelle’

Application No: 2008/209 Accepted: 18 August, 2008

Applicant: **Sandrine Delabroye.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

‘Mocha’

Application No: 2008/210 Accepted: 18 August, 2008

Applicant: **Sandrine Delabroye.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Hordeum vulgare

BARLEY

‘Commander’

Application No: 2008/267 Accepted: 26 September, 2008

Applicant: **Adelaide Research & Innovation Pty Ltd, Grains Research Development Corporation.**

Agent: **Adelaide Research & Innovation Pty Ltd**, Adelaide, SA.

Hydrangea macrophylla

HYDRANGEA

‘youmefour’ syn Passion

Application No: 2008/065 Accepted: 5 September, 2008

Applicant: **Ryoji Irie.**

Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Lactuca sativa

LETTUCE

‘CEDAR’

Application No: 2008/164 Accepted: 8 August, 2008

Applicant: **Nunhems B.V..**

Agent: **Shelston IP**, Sydney, NSW.

‘Cosmos’ syn Nun 6027 LT

Application No: 2008/244 Accepted: 11 September, 2008

Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

‘Cuore’

Application No: 2008/153 Accepted: 8 August, 2008
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

‘Multiblond 1’

Application No: 2008/159 Accepted: 8 July, 2008
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

‘MULTIBLOND 2’

Application No: 2008/162 Accepted: 8 August, 2008
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

‘Multigreen 1’

Application No: 2008/154 Accepted: 10 August, 2008
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

‘Multigreen 2’

Application No: 2008/155 Accepted: 8 July, 2008
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

‘Multigreen 3’

Application No: 2008/157 Accepted: 20 July, 2008
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

‘Multired 1’

Application No: 2008/158 Accepted: 8 July, 2008
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

‘MULTIRED 2’

Application No: 2008/160 Accepted: 8 July, 2008
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

‘MULTIRED 3’

Application No: 2008/161 Accepted: 8 July, 2008
 Applicant: **Nunhems B.V.**
 Agent: **Shelston IP**, Sydney, NSW.

‘MULTIRED 4’

Application No: 2008/163 Accepted: 20 July, 2008
 Applicant: **Nunhems B.V.**
 Agent: **Shelston IP**, Sydney, NSW.

‘Multired 5’

Application No: 2008/156 Accepted: 20 July, 2008
 Applicant: **Nunhems B.V.**
 Agent: **Shelston IP**, Sydney, NSW.

Leptospermum petersonii

LEMON-SCENTED TEA TREE

‘Lemon Midget’

Application No: 2008/104 Accepted: 2 July, 2008
 Applicant: **Terence Charles Keogh**, Victoria Point, QLD.

Lolium multiflorum

ITALIAN RYEGRASS

‘Dominate 1’

Application No: 2008/143 Accepted: 8 August, 2008
 Applicant: **Landmark Trust**.
 Agent: **Gippsland Farm Solutions**, Bairnsdale, Vic.

‘LM299’

Application No: 2008/057 Accepted: 29 July, 2008
 Applicant: **New Zealand Agriseeds Ltd**.
 Agent: **Heritage Seeds Pty Ltd**, Howlong, NSW.

Lomandra longifolia

SPINY HEADED MAT RUSH

‘TT2’ syn Twister

Application No: 2008/181 Accepted: 18 August, 2008
 Applicant: **Desmond & Valerie Leeke**, Box Hill, VIC.

Malus domestica

APPLE

‘ARIANE’

Application No: 2008/074 Accepted: 10 August, 2008
 Applicant: **INRA - Institut National de la Recherche Agronomique.**
 Agent: **Watermark Patent & Trade Mark Attorneys, Hawthorn, VIC.**

‘Fuji Supreme’ syn CABp Fuji

Application No: 2007/307 Accepted: 27 August, 2008
 Applicant: **CABP4 LIMITED.**
 Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC), Bathurst, NSW.**

‘Lady In Red’

Application No: 2008/108 Accepted: 11 September, 2008
 Applicant: **Basil Mawley.**
 Agent: **Australian Nurserymen's Fruit Improvement Company (ANFIC), Bathurst, NSW.**

‘MJ 808.24’

Application No: 2008/255 Accepted: 10 September, 2008
 Applicant: **Western Australian Agriculture Authority, Bentley Delivery Centre, WA.**

‘MJ 809.21’

Application No: 2008/256 Accepted: 10 September, 2008
 Applicant: **Western Australian Agriculture Authority, Bentley Delivery Centre, WA.**

‘ST 809.25’

Application No: 2008/257 Accepted: 10 September, 2008
 Applicant: **Western Australian Agriculture Authority, Bentley Delivery Centre, WA.**

Mangifera indica

MANGO

‘NMBP1201’

Application No: 2008/250 Accepted: 16 September, 2008
 Applicant: **State of Queensland Through its Department of Primary Industries and Fisheries, CSIRO, The Northern Territory Through its Department of Primary Industry, Fisheries and Mines, Western Australian Agriculture Authority.**
 Agent: **State of Queensland Through Its Department of Primary Industries and Fisheries, Indooroopilly, QLD.**

‘TPP5’

Application No: 2008/071 Accepted: 7 July, 2008
Applicant: **Tropical Primary Products**, Humpty Doo, NT.

‘TPP6’

Application No: 2008/072 Accepted: 7 July, 2008
Applicant: **Tropical Primary Products**, Humpty Doo, NT.

Pennisetum clandestinum

KIKUYU GRASS

‘CT5000’ syn Ceretec Five Thousand

Application No: 2008/183 Accepted: 5 August, 2008
Applicant: **Donald Eugene Eykamp**.
Agent: **Davies Collison Cave**, Melbourne, VIC.

‘K-5’

Application No: 2008/149 Accepted: 10 July, 2008
Applicant: **GeneGro Pty Ltd**, Alexandra Hills, QLD.

Phormium tenax

NEW ZEALAND FLAX

‘PhoHar02’

Application No: 2008/246 Accepted: 28 August, 2008
Applicant: **Richard Harris**.
Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Prunus armeniaca

APRICOT

‘Fred's Choice’ syn Sebacot

Application No: 2008/014 Accepted: 5 September, 2008
Applicant: **S and E Zito**, Shepparton East, VIC.

Prunus cerasifera

FLOWERING PLUM

‘RI-1’

Application No: 2008/202 Accepted: 30 July, 2008

Applicant: **Zaiger's Inc. Genetics.**

Agent: **Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC.

Prunus salicina x *armeniaca* x *persica*

PEACHCOT

‘Vaiiolet’

Application No: 2008/144 Accepted: 30 July, 2008

Applicant: **Ben-Dor Fruits & Nurseries Ltd.**

Agent: **The Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd**, Bathurst, NSW.

Pyrus communis.

EUROPEAN PEAR

‘Arena’

Application No: 2007/226 Accepted: 20 July, 2008

Applicant: **C.R.A. Istituto Sperimentale per la Frutticoltura.**

Agent: **Davies Collison Cave**, Sydney, NSW.

Rosa hybrid

ROSE

‘Amazing Grace 07’ syn Chatus

Application No: 2008/186 Accepted: 8 August, 2008

Applicant: **Dr Bruce Chapman.**

Agent: **Andrew Ross**, Willunga, SA.

‘Chewfragbabe’

Application No: 2008/115 Accepted: 3 July, 2008

Applicant: **Christopher Hugh Warner.**

Agent: **Australian Roses**, Silvan, VIC.

‘Prehimig’

Application No: 2008/188 Accepted: 29 July, 2008

Applicant: **Preesman Royalty B.V..**

Agent: **Roskam Young Plants Pty Ltd**, Clarinda, VIC.

‘PRERASJER’

Application No: 2008/187 Accepted: 29 July, 2008
Applicant: **Preesman Royalty B.V.**
Agent: **Roskam Young Plants Pty Ltd**, Clarinda, VIC.

Saccharum hybrid

SUGARCANE

‘KQ236’

Application No: 2008/195 Accepted: 4 September, 2008
Applicant: **BSES Limited and CSR Ltd**, Mackay Mail Centre, QLD.

‘MQ93-538’

Application No: 2008/194 Accepted: 2 September, 2008
Applicant: **BSES Limited and CSR Ltd**, Mackay Mail Centre, QLD.

‘Q237’

Application No: 2008/196 Accepted: 4 September, 2008
Applicant: **BSES Limited**, Indooroopilly, QLD.

Solanum tuberosum

POTATO

‘Cashmere’

Application No: 2008/134 Accepted: 3 July, 2008
Applicant: **Irish Potato Breeders**.
Agent: **Mitolo Group**, Virginia, SA.

‘DAIFLA’

Application No: 2008/037 Accepted: 5 August, 2008
Applicant: **Germicopa SAS**.
Agent: **Griffith Hack**, Perth, WA.

‘Dinky’

Application No: 2008/150 Accepted: 11 September, 2008
Applicant: **Germicopa SAS**.
Agent: **Griffith Hack**, Perth, WA.

‘SASSY’

Application No: 2008/038 Accepted: 5 August, 2008
Applicant: **Germicopa SAS.**
Agent: **Griffith Hack**, Perth, WA.

Telopea speciosissima x *Telopea mongaensis*

WARATAH

‘FITZMAL’

Application No: 2008/175 Accepted: 20 July, 2008
Applicant: **Brian Fitzpatrick.**
Agent: **John Robb**, Kulnura, NSW.

Telopea speciosissima x *Telopea truncata*

WARATAH

‘FITZDIG’

Application No: 2008/177 Accepted: 20 July, 2008
Applicant: **Brian Fitzpatrick.**
Agent: **John Robb**, Kulnura, NSW.

‘FITZEGI’

Application No: 2008/179 Accepted: 20 July, 2008
Applicant: **Brian Fitzpatrick.**
Agent: **John Robb**, Kulnura, NSW.

‘FITZGEO’

Application No: 2008/176 Accepted: 20 July, 2008
Applicant: **Brian Fitzpatrick.**
Agent: **John Robb**, Kulnura, NSW.

‘FITZSNO’

Application No: 2008/178 Accepted: 20 July, 2008
Applicant: **Brian Fitzpatrick.**
Agent: **John Robb**, Kulnura, NSW.

Trifolium subterraneum var. *subterraneum*

SUBTERRANEAN CLOVER

‘Bindoon’

Application No: 2008/136 Accepted: 22 July, 2008

Applicant: **The Western Australian Agriculture Authority, Grain Research and Development Corporation, Murdoch University, Australian Wool Innovation, University of Western Australia.**
 Agent: **Western Australian Agriculture Authority, South Perth, WA.**

Triticum aestivum

WHEAT

‘Fang’

Application No: 2008/199 Accepted: 18 August, 2008
 Applicant: **Australian Grain Technologies Pty Ltd, Urrbrae, SA.**

‘Mace’

Application No: 2008/198 Accepted: 20 August, 2008
 Applicant: **Australian Grain Technologies Pty Ltd, Urrbrae, SA.**

‘Merinda’

Application No: 2007/175 Accepted: 2 July, 2008
 Applicant: **The University of Sydney and Grain Research and Development Corporation (GRDC).**
 Agent: **Australian Grain Technologies, Glen Osmond, SA.**

‘Sunvex’

Application No: 2007/174 Accepted: 2 July, 2008
 Applicant: **The University of Sydney and Grain Research and Development Corporation (GRDC).**
 Agent: **Australian Grain Technologies, Glen Osmond, SA.**

Triticum turgidum ssp turgidum

DURUM WHEAT

‘SAINTLY’

Application No: 2008/184 Accepted: 20 July, 2008
 Applicant: **Australian Grain Technologies Pty Ltd, Urrbrae, SA.**

Vigna radiata

MUNG BEAN

‘Satin 2’

Application No: 2008/253 Accepted: 8 September, 2008
 Applicant: **State of Queensland through its Department of Primary Industries and Fisheries, Grains Research and Development Corporation, Brisbane, QLD.**



Variety Descriptions

Common (Genus Species)	Variety	Title Holder
Oats (<i>Avena sativa</i>)	Tungoo	Minister for Agriculture, Food and Fisheries & Rural Industries and Research Development Corporation
Indian Mustard (<i>Brassica juncea</i>)	Caza	University of Western Australia
Canola (<i>Brassica napus</i>)	Storm TT	Pacific Seeds Pty Ltd
Canola (<i>Brassica napus</i>)	Hurricane TT	Pacific Seeds Pty Ltd
Industrial Hemp (<i>Cannabis sativa</i>)	Tegege	Agri Fibre Industries Pty. Ltd.
Industrial Hemp (<i>Cannabis sativa</i>)	Ruby	Agri Fibre Industries Pty. Ltd.
Wax Flower (<i>Crowea saligna</i>)	PPCS1	Prestige Plants Pty Ltd
Emu Bush (<i>Eremophila Nivea</i>)	BLUE VELVET	Humphris Nursery
Emu Bush (<i>Eremophila nivea x densifolia ssp pubiflora</i>)	BERYLS BLUE	Humphris Nursery

<u>Poinsettia</u> <u>(<i>Euphorbia pulcherrima</i>)</u>	Fiselfi	FLORA-NOVA Pflanzen GmbH
<u>Poinsettia</u> <u>(<i>Euphorbia pulcherrima</i>)</u>	Fismarble Silver	FLORA-NOVA Pflanzen GmbH
<u>Strawberry</u> <u>(<i>Fragaria x ananassa</i>)</u>	Bonaire	Driscoll Strawberry Associates, Inc
<u>Strawberry</u> <u>(<i>Fragaria xananassa</i>)</u>	Driscoll Atlantis	Driscoll Strawberry Associates, Inc
<u>Strawberry</u> <u>(<i>Fragaria xananassa</i>)</u>	Driscoll Destin	Driscoll Strawberry Associates, Inc
<u>Strawberry</u> <u>(<i>Fragaria xananassa</i>)</u>	Driscoll Sausalito	Driscoll Strawberry Associates, Inc
<u>Strawberry</u> <u>(<i>Fragaria xananassa</i>)</u>	DrisStrawOne	Driscoll Strawberry Associates, Inc
<u>Strawberry</u> <u>(<i>Fragaria xananassa</i>)</u>	MACARENA	Plantas de Navarra, S. A. (Planasa)
<u>Soybean (<i>Glycine max</i>)</u>	Fraser	Commonwealth Scientific and Industrial Research Organisation and Grains Research and Development Corporation
<u>Pima Cotton</u> <u>(<i>Gossypium barbadense</i>)</u>	Sipima 280	Commonwealth Scientific and Industrial Research Organisation
<u>Cotton</u> <u>(<i>Gossypium hirsutum</i>)</u>	DP 408 BGII	Deltapine Australia Pty Ltd

Cotton <i>(Gossypium hirsutum)</i>	DP 611 BGII/RR	Deltapine Australia Pty Ltd
Cotton <i>(Gossypium hirsutum)</i>	Sicot 75	Commonwealth Scientific and Industrial Research Organisation
Cotton <i>(Gossypium hirsutum)</i>	Sicot 71BRF	Commonwealth Scientific and Industrial Research Organisation
Grevillea <i>(Grevillea hybrid)</i>	Red Rover	James Walter Carter and Elva Lorraine Carter
False Sarsparilla <i>(Hardenbergia violacea)</i>	Mystic Marvel	Courtney Peter Whitton
Barley (<i>Hordeum vulgare</i>)	Flagship	Parties of the Malting Barley Quality Improvement Program
New Guinea Impatiens <i>(Impatiens hawkeri)</i>	FISNICS SWEET ORANGE	FLORA-NOVA Pflanzen GmbH
New Guinea Impatiens <i>(Impatiens hawkeri)</i>	FISNICS MAGPINK	FLORA-NOVA Pflanzen GmbH
English Lavender <i>(Lavandula angustifolia)</i>	Riverina Eunice	Charles Sturt University
Lavender <i>(Lavandula hybrid)</i>	Riverina James	Dr Nigel Urwin
Lentil (<i>Lens culinaris</i>)	Nipper	Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation

<u>Lentil (<i>Lens culinaris</i>)</u>	Boomer	Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation
<u>Leucadendron (<i>Leucadendron hybrid</i>)</u>	Wildfire	Protea World
<u>Lily (<i>Lilium hybrid</i>)</u>	Zanlorsanna	Van Zanten Flowerbulbs B.V.
<u>Lilyturf (<i>Liriope muscari</i>)</u>	LIRJ	Ozbreed Pty Ltd
<u>Lilyturf (<i>Liriope muscari</i>)</u>	LIRTP	Ozbreed Pty Ltd
<u>Lilyturf (<i>Liriope muscari</i>)</u>	LIRF	Ozbreed Pty Ltd
<u>Mango (<i>Mangifera indica</i>)</u>	NMBP1243	State of Queensland through its Department of Primary Industries and Fisheries, CSIRO, Northern Territory of Australia rep by the Department of Primary Industry, Fisheries and Mines, State of WA through its Department of Agriculture and Food,
<u>Mango (<i>Mangifera indica</i>)</u>	NMBP4069	State of Queensland through its Department of Primary Industries and Fisheries, CSIRO, Northern Territory of Australia rep by the Department of Primary Industry, Fisheries and Mines, State of WA through its Department of Agriculture and Food,

Mango (<i>Mangifera indica</i>)	NMBP1201	State of Queensland Through its Department of Primary Industries and Fisheries, CSIRO, The Northern Territory Through its Department of Primary Industry, Fisheries and Mines, Western Australian Agriculture Authority
Lucerne (<i>Medicago sativa</i>)	PacL 501	The University of Queensland, Grains Research and Development Corporation
Flowering Plum (<i>Prunus cerasifera</i>)	Oakville Crimson Spire	Vic John Ciccolella
Peach (<i>Prunus persica</i>)	Sierrich	Zaiger's Inc. Genetics
Peach (<i>Prunus persica</i>)	Snow Angel	Zaiger's Inc. Genetics
Peach (<i>Prunus persica</i>)	Sweet Henry	Zaiger's Inc. Genetics
Peach (<i>Prunus persica</i>)	Sweet Shasta	Zaiger's Inc. Genetics
Peach (<i>Prunus persica</i>)	Ivoryduchess	Lowell G. Bradford
Peach (<i>Prunus persica</i>)	Diamondcandy	Lowell G. Bradford
Nectarine (<i>Prunus persica var. nucipersica</i>)	Honey Fire	Zaiger's Inc. Genetics
Nectarine (<i>Prunus persica var. nucipersica</i>)	Polar Light	Zaiger's Inc. Genetics

<u>Nectarine</u> <u>(<i>Prunus persica</i></u> <u>var. <i>nucipersica</i>)</u>	Spring Pearl	Lowell G. Bradford
<u>Japanese Plum</u> <u>(<i>Prunus salicina</i>)</u>	Plumsweettwo	Lowell G. Bradford
<u>Interspecific</u> <u>Plum (<i>Prunus</i></u> <u><i>salinica</i> x <i>P.</i></u> <u><i>armeniaca</i>)</u>	Sweetcot	Lowell G. Bradford
<u>Ptilotus (<i>Ptilotus</i></u> <u><i>nobilis</i>)</u>	Purity	The University of Queensland
<u>Ptilotus (<i>Ptilotus</i></u> <u><i>nobilis</i>)</u>	Passion	The University of Queensland
<u>Ptilotus (<i>Ptilotus</i></u> <u><i>nobilis</i>)</u>	Poise	The University of Queensland
<u>Rose (<i>Rosa</i></u> <u>hybrid)</u>	Kortraste	W. Kordes' Sohne Rosenschulen GmbH & Co KG
<u>Rose (<i>Rosa</i></u> <u>hybrid)</u>	Korfobalt	W. Kordes' Sohne Rosenschulen GmbH & Co KG
<u>Rose (<i>Rosa</i></u> <u>hybrid)</u>	Schrenat	Piet Schreurs Holding B.V.
<u>Rose (<i>Rosa</i></u> <u>hybrid)</u>	Schatina	Piet Schreurs Holding B.V.
<u>Rose (<i>Rosa</i></u> <u>hybrid)</u>	Scholtec	Piet Schreurs Holding B.V.
<u>Rose (<i>Rosa</i></u> <u>hybrid)</u>	Scheniet	Piet Schreurs Holding B.V.
<u>Rose (<i>Rosa</i></u> <u>hybrid)</u>	Kormamtiza	W. Kordes' Sohne Rosenschulen GmbH & Co KG
<u>Rose (<i>Rosa</i></u> <u>hybrid)</u>	Korstarnow	W. Kordes' Sohne Rosenschulen GmbH & Co KG
<u>Rose (<i>Rosa</i></u> <u>hybrid)</u>	Schetakup	Piet Schreurs Holding B.V.

Rose (<i>Rosa hybrid</i>)	Schosonne	Piet Schreurs Holding B.V.
Raspberry (<i>Rubus idaeus</i>)	Estrella	Driscoll Strawberry Associates, Inc
Potato (<i>Solanum tuberosum</i>)	Almera	Agrico
Potato (<i>Solanum tuberosum</i>)	Bernadette	Saatzucht Fritz Lange KG
Potato (<i>Solanum tuberosum</i>)	Amorosa	Agrico
Potato (<i>Solanum tuberosum</i>)	Mai Flower	Dr. R.J. Mansholt's Veredelingsbedrijf
Potato (<i>Solanum tuberosum</i>)	Cunera	Mts. Boerhave
Potato (<i>Solanum tuberosum</i>)	Romeo	Irish Potato Marketing Ltd
Potato (<i>Solanum tuberosum</i>)	Cashmere	Irish Potato Breeders
Potato (<i>Solanum tuberosum</i>)	Emma	Irish Potato Marketing Ltd
Potato (<i>Solanum tuberosum</i>)	Savanna	Irish Potato Marketing Ltd
Potato (<i>Solanum tuberosum</i>)	Chellah	Irish Potato Breeders
Potato (<i>Solanum tuberosum</i>)	JMBICOLOUR	Irish Potato Breeders
Potato (<i>Solanum tuberosum</i>)	Jaqueline	Saatzucht Fritz Lange KG
Caucasian Clover (<i>Trifolium ambiguum</i>)	Kuratas	University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment

<u>Wheat (<i>Triticum aestivum</i>)</u>	Livingston	The University of Sydney and Grains Research and Development Corporation
<u>Wheat (<i>Triticum aestivum</i>)</u>	Sunvex	The University of Sydney and Grain Research and Development Corporation (GRDC)
<u>Tulip (<i>Tulipa hybrid</i>)</u>	Clearwater	Fa. G. & M. Brouwer
<u>Cowpea (<i>Vigna unguiculata</i>)</u>	BlackStallion	B.W. Algate & Co Pty Ltd trading as J.W. Koek & Company, Blue Ribbon Seed & Pulse Exporters Pty Ltd & Champion Seeds Pty Ltd
<u>Sweet Mountain Grape (<i>Vitis berlandieri</i>)</u>	Merbein 5489	Commonwealth Scientific and Industrial Research Organisation
<u>Sweet Mountain Grape (<i>Vitis berlandieri</i>)</u>	Merbein 5512	Commonwealth Scientific and Industrial Research Organisation
<u>Sweet Winter Grape (<i>Vitis cinerea</i>)</u>	Merbein 6262	Commonwealth Scientific and Industrial Research Organisation
<u>Grape (<i>Vitis vinifera</i>)</u>	Regal Seedless	Arc Infruitec Nietvoorbij
<u>Calla Lily (<i>Zantedeschia hybrid</i>)</u>	Hot Cherry BLZ	BLOOMZ Ltd
<u>Calla Lily (<i>Zantedeschia hybrid</i>)</u>	Merlot BLZ	BLOOMZ Ltd

<u>Calla Lily</u> <u>(<i>Zantedeschia</i></u> <u>spp.)</u>	Rosa BLZ	BLOOMZ Ltd
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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)

Variety: 'Flagship'

Synonym: N/A

Application no: 2006/092

Current status: ACCEPTED

Certificate no: N/A

Received: 28-Apr-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Varieties Journal:

Title Holder: Parties of the Malting Barley Quality Improvement Program

Agent: Adelaide Research and Innovation Pty Ltd and Grains Research and Development Corporation

Telephone: 0883034461

Fax: N/A

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Calla Lily (*Zantedeschia hybrid*)

Variety: 'Hot Cherry BLZ'

Synonym: N/A

Application no: 2007/112

Current status: ACCEPTED

Certificate no: N/A

Received: 19-Apr-2007

Accepted: 05-Jun-2007

Granted: N/A

Description

published

in Plant Volume 21, Issue 3

Varieties

Journal:

Title Holder: BLOOMZ Ltd

Agent: Rural Funds Management Flower Fund

Telephone: 0885657220

Fax: 0885657225

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Calla Lily (*Zantedeschia hybrid*)

Variety: 'Merlot BLZ'

Synonym: N/A

Application no: 2007/114

Current status: ACCEPTED

Certificate no: N/A

Received: 19-Apr-2007

Accepted: 05-Jun-2007

Granted: N/A

Description

published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: BLOOMZ Ltd

Agent: Rural Funds Management Flower Fund

Telephone: 0885657220

Fax: 0885657225

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Calla Lily (*Zantedeschia spp.*)

Variety: 'Rosa BLZ'

Synonym: N/A

Application no: 2007/141

Current status: ACCEPTED

Certificate no: N/A

Received: 17-May-2007

Accepted: 10-Dec-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: BLOOMZ Ltd

Agent: Rural Funds Management Flower Fund

Telephone: 0885657220

Fax: 0885657225

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)

Variety: 'Storm TT'

Synonym: N/A

Application no: 2008/022

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Jan-2008

Accepted: 25-Feb-2008

Granted: N/A

Description

published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Pacific Seeds Pty Ltd

Agent: N/A

Telephone: 0746902666

Fax: 0746301063

[View the detailed description of this variety.](#)



Storm TT

ATR-SurimB

Treacle T



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IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)

Variety: 'Hurricane TT'

Synonym: N/A

Application no: 2008/021

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Jan-2008

Accepted: 15-Feb-2008

Granted: N/A

Description

published

in Plant Volume 21, Issue 3

Varieties

Journal:

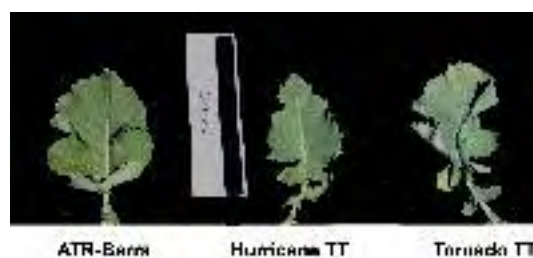
Title Holder: Pacific Seeds Pty Ltd

Agent: N/A

Telephone: 0746902666

Fax: 0746301063

[View the detailed description of this variety.](#)



ATR-Barrm

Hurricane TT

Torunda TT



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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Caucasian Clover (*Trifolium ambiguum*)

Variety: 'Kuratas'

Synonym: N/A

Application no: 2006/033

Current status: ACCEPTED

Certificate no: N/A

Received: 01-Mar-2006

Accepted: 07-Apr-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment

Agent: N/A

Telephone: 0363365234

Fax: 0363449814

[View the detailed description of this variety.](#)





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IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'DP 408 BGII'

Synonym: N/A

Application no: 2006/122

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Jun-2006

Accepted: 29-Jun-2006

Granted: N/A

Description

published

in Plant Varieties Volume 21, Issue 3

Journals:

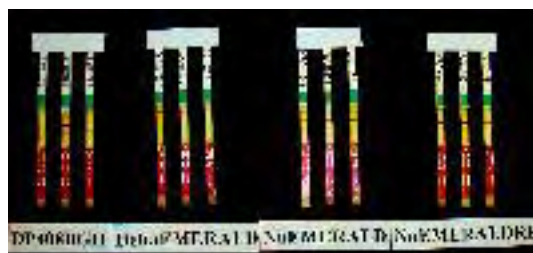
Title Holder: Deltapine Australia Pty Ltd

Agent: N/A

Telephone: 0267925233

Fax: 0267925235

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'DP 611 BGII/RR'

Synonym: N/A

Application no: 2006/123

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Jun-2006

Accepted: 29-Jun-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

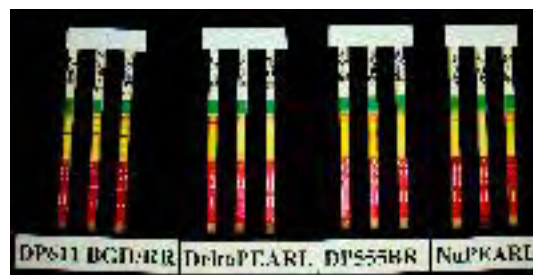
Title Holder: Deltapine Australia Pty Ltd

Agent: N/A

Telephone: 0267925233

Fax: 0267925235

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'Sicot 75'

Synonym: N/A

Application no: 2007/286

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Oct-2007

Accepted: 16-Nov-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0267991584

Fax: 0267992427

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'Sicot 71BRF'

Synonym: N/A

Application no: 2007/285

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Oct-2007

Accepted: 16-Nov-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

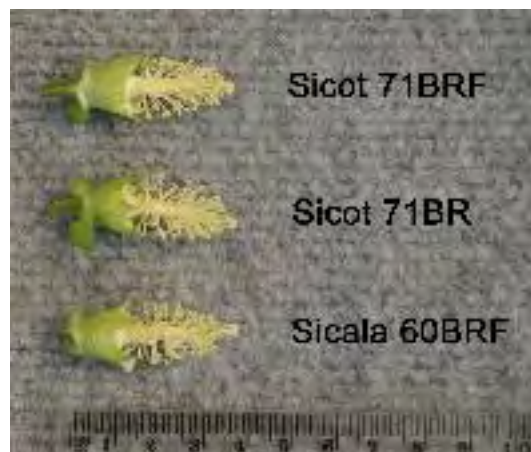
Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0267991584

Fax: 0267992427

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Cowpea (*Vigna unguiculata*)

Variety: 'BlackStallion'

Synonym: N/A

Application no: 2007/284

Current status: ACCEPTED

Certificate no: N/A

Received: 19-Oct-2007

Accepted: 22-Nov-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: B.W. Algate & Co Pty Ltd trading as J.W. Koek & Company, Blue Ribbon Seed & Pulse Exporters Pty Ltd & Champion Seeds Pty Ltd

Agent: N/A

Telephone: 0733414548

Fax: 0738411503

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Emu Bush (*Eremophila Nivea*)

Variety: 'BLUE VELVET'

Synonym: N/A

Application no: 2008/285

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Sep-2008

Accepted: 14-Oct-2008

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Humphris Nursery

Agent: N/A

Telephone: 0397619688

Fax: 0397286763

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Emu Bush (*Eremophila nivea* x *densifolia* ssp *pubiflora*)

Variety: 'BERYLS BLUE'

Synonym: N/A

Application no: 2008/262

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Sep-2008

Accepted: 14-Oct-2008

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Humphris Nursery

Agent: N/A

Telephone: 0397619688

Fax: 0397286763

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

English Lavender (*Lavandula angustifolia*)

Variety: 'Riverina Eunice'

Synonym: Petite Foret

Application no: 2006/287

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Oct-2006

Accepted: 02-Jan-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Charles Sturt University

Agent: N/A

Telephone: 0269332320

Fax: 0269332800

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

False Sarsparilla (*Hardenbergia violacea*)

Variety: 'Mystic Marvel'

Synonym: N/A

Application no: 2007/317

Current status: ACCEPTED

Certificate no: N/A

Received: 06-Dec-2007

Accepted: 19-Dec-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Courtney Peter Whitton

Agent: N/A

Telephone: 0269241993

Fax: N/A

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Flowering Plum (*Prunus cerasifera*)

Variety: 'Oakville Crimson Spire'

Synonym: N/A

Application no: 2003/094

Current status: ACCEPTED

Certificate no: N/A

Received: 06-May-2003

Accepted: 09-May-2003

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

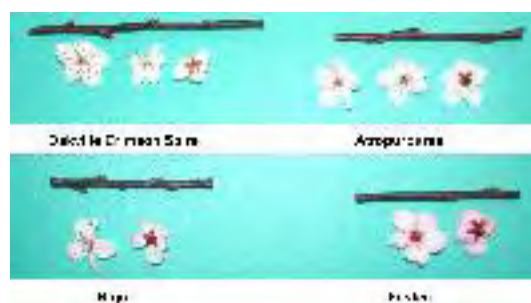
Title Holder: Vic John Ciccolella

Agent: Fleming's Nurseries Pty Ltd

Telephone: (03) 9756 6105

Fax: (03) 9752 0005

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Grape (*Vitis vinifera*)

Variety: 'Regal Seedless'

Synonym: N/A

Application no: 2003/088

Current status: ACCEPTED

Certificate no: N/A

Received: 02-May-2003

Accepted: 09-May-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Arc Infruitec Nietvoorbij

Agent: Nangiloc Colignan Farms

Telephone: 0350293623

Fax: 0350291657

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Grevillea (*Grevillea hybrid*)

Variety: 'Red Rover'

Synonym: N/A

Application no: 2007/283

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Oct-2007

Accepted: 17-Jan-2008

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: James Walter Carter and Elva Lorraine Carter

Agent: N/A

Telephone: 0738880283

Fax: 0728880595

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Indian Mustard (*Brassica juncea*)

Variety: 'Caza'

Synonym: N/A

Application no: 2006/032

Current status: ACCEPTED

Certificate no: N/A

Received: 24-Feb-2006

Accepted: 29-Apr-2006

Granted: N/A

Description

published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: University of Western Australia

Agent: N/A

Telephone: 0864881792

Fax: 0864887354

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Industrial Hemp (*Cannabis sativa*)

Variety: 'Tegege'

Synonym: N/A

Application no: 2006/203

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Jul-2006

Accepted: 15-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Agri Fibre Industries Pty. Ltd.

Agent: N/A

Telephone: 0741522204

Fax: 0741556656

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Industrial Hemp (*Cannabis sativa*)

Variety: 'Ruby'

Synonym: N/A

Application no: 2006/202

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Jul-2006

Accepted: 15-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Agri Fibre Industries Pty. Ltd.

Agent: N/A

Telephone: 0741522204

Fax: 0741556656

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Interspecific Plum (*Prunus salinica* x *P.armeniaca*)

Variety: 'Sweetcot'

Synonym: Blackcot

Application no: 2007/326

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Dec-2007

Accepted: 29-Feb-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Japanese Plum (*Prunus salicina*)

Variety: 'Plumsweettwo'
Synonym: Sweet Plum Two

Application no: 2007/325

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Dec-2007

Accepted: 18-Mar-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

[View the detailed description of this variety.](#)

Plumsweettwo





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lavender (*Lavandula hybrid*)

Variety: 'Riverina James'

Synonym: N/A

Application no: 2007/151

Current status: ACCEPTED

Certificate no: N/A

Received: 31-May-2007

Accepted: 11-Jul-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Dr Nigel Urwin

Agent: N/A

Telephone: 0269284449

Fax: 0269332812

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lentil (*Lens culinaris*)

Variety: 'Nipper'

Synonym: N/A

Application no: 2006/025

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Feb-2006

Accepted: 24-Mar-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation

Agent: N/A

Telephone: 0392174200

Fax: 0392174161

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lentil (*Lens culinaris*)

Variety: 'Boomer'

Synonym: N/A

Application no: 2006/024

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Feb-2006

Accepted: 24-Mar-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation

Agent: N/A

Telephone: 0392174200

Fax: 0392174161

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Leucadendron (*Leucadendron hybrid*)

Variety: 'Wildfire'

Synonym: N/A

Application no: 2006/085

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Apr-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Protea World

Agent: N/A

Telephone: 0885560274

Fax: 0885560224

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lily (*Lilium hybrid*)

Variety: 'Zanlorsanna'

Synonym: N/A

Application no: 2004/202

Current status: ACCEPTED

Certificate no: N/A

Received: 05-Jul-2004

Accepted: 06-Aug-2004

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Van Zanten Flowerbulbs B.V.

Agent: F B Rice & Co

Telephone: 0282311000

Fax: 0282311099

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lilyturf (*Liriope muscari*)

Variety: 'LIRJ'

Synonym: N/A

Application no: 2006/037

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Mar-2006

Accepted: 24-Mar-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

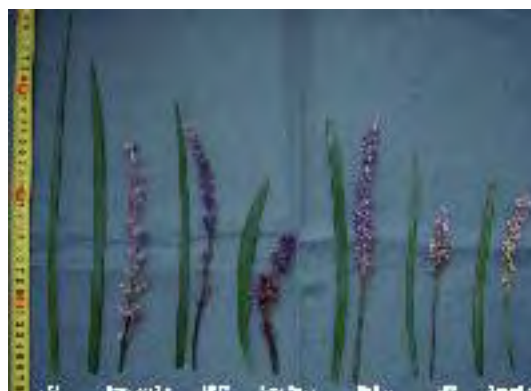
Title Holder: Ozbreed Pty Ltd

Agent: N/A

Telephone: 0245772977

Fax: 0245877728

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lilyturf (*Liriope muscari*)

Variety: 'LIRTP'

Synonym: N/A

Application no: 2006/036

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Mar-2006

Accepted: 24-Mar-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

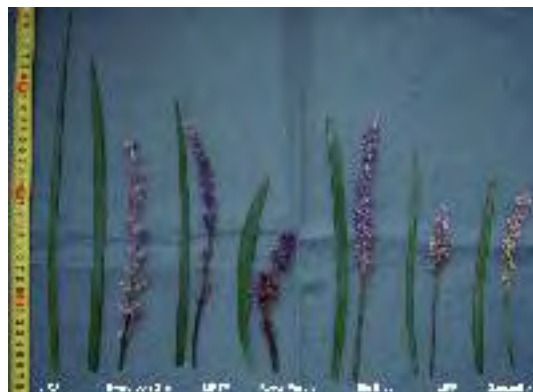
Title Holder: Ozbreed Pty Ltd

Agent: N/A

Telephone: 0245772977

Fax: 0245877728

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lilyturf (*Liriope muscari*)

Variety: 'LIRF'

Synonym: N/A

Application no: 2006/038

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Mar-2006

Accepted: 24-Mar-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

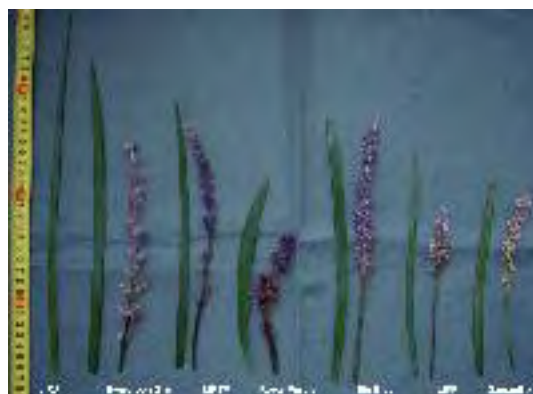
Title Holder: Ozbreed Pty Ltd

Agent: N/A

Telephone: 0245772977

Fax: 0245877728

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lucerne (*Medicago sativa*)

Variety: 'PacL 501'

Synonym: N/A

Application no: 2006/312

Current status: ACCEPTED

Certificate no: N/A

Received: 11-Dec-2006

Accepted: 18-Jun-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: The University of Queensland, Grains Research and Development Corporation

Agent: N/A

Telephone: 0733654037

Fax: 0733652680

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Mango (*Mangifera indica*)

Variety: 'NMBP1243'

Synonym: N/A

Application no: 2005/275

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Aug-2005

Accepted: 13-Apr-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: State of Queensland through its Department of Primary Industries and Fisheries, CSIRO, Northern Territory of Australia rep by the Department of Primary Industry, Fisheries and Mines, State of WA through its Department of Agriculture and Food,

Agent: Department of Primary Industries and Fisheries

Telephone: 0732251769

Fax: 0732393948

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Mango (*Mangifera indica*)

Variety: 'NMBP4069'

Synonym: N/A

Application no: 2005/276

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Aug-2005

Accepted: 13-Apr-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: State of Queensland through its Department of Primary Industries and Fisheries, CSIRO, Northern Territory of Australia rep by the Department of Primary Industry, Fisheries and Mines, State of WA through its Department of Agriculture and Food,

Agent: Department of Primary Industries and Fisheries

Telephone: 0732251769

Fax: 0732393948

[View the detailed description of this variety.](#)





Plant Varieties Journal - Search Result Details

Mango (*Mangifera indica*)

Variety: 'NMBP1201'

Synonym: N/A

Application no: 2008/250

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Aug-2008

Accepted: 16-Sep-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: State of Queensland Through its Department of Primary Industries and Fisheries, CSIRO, The Northern Territory Through its Department of Primary Industry, Fisheries and Mines, Western Australian Agriculture Authority

Agent: State of Queensland Through Its Department of Primary Industries and Fisheries

Telephone: 0738969401

Fax: 0738969628

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IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var. *nucipersica*)

Variety: 'Honey Fire'

Synonym: N/A

Application no: 2006/133

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Jun-2006

Accepted: 07-Jul-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Zaiger's Inc. Genetics

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var. *nucipersica*)

Variety: 'Polar Light'

Synonym: N/A

Application no: 2006/354

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Dec-2006

Accepted: 27-Feb-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Zaiger's Inc. Genetics

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var. *nucipersica*)

Variety: 'Spring Pearl'

Synonym: Springice

Application no: 2007/329

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Dec-2007

Accepted: 29-Feb-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

New Guinea Impatiens (*Impatiens hawkeri*)

Variety: 'FISNICS SWEET ORANGE'

Synonym: Fisimp 118

Application no: 2006/244

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Aug-2006

Accepted: 17-Jan-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Varieties Journal:

Title Holder: FLORA-NOVA Pflanzen GmbH

Agent: Sprint Horticulture Pty Ltd

Telephone: 0243857546

Fax: 0243855727

[View the detailed description of this variety.](#)



Fisnics Sweet Orange



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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

New Guinea Impatiens (*Impatiens hawkeri*)

Variety: 'FISNICS MAGPINK'

Synonym: Fisimp Pinkstripe

Application no: 2006/245

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Aug-2006

Accepted: 17-Jan-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: FLORA-NOVA Pflanzen GmbH

Agent: Sprint Horticulture Pty Ltd

Telephone: 0243857546

Fax: 0243855727

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Oats (*Avena sativa*)

Variety: 'Tungoo'

Synonym: N/A

Application no: 2007/298

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Oct-2007

Accepted: 28-Mar-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Minister for Agriculture, Food and Fisheries & Rural Industries and Research Development Corporation

Agent: N/A

Telephone: 0883039616

Fax: 0883039403

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Mannus Tungoo Kangaroo



Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'Sierrich'

Synonym: N/A

Application no: 2006/134

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Jun-2006

Accepted: 07-Jul-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Zaiger's Inc. Genetics

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

[View the detailed description of this variety.](#)

Sierrich





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'Snow Angel'

Synonym: N/A

Application no: 2007/142

Current status: ACCEPTED

Certificate no: N/A

Received: 21-May-2007

Accepted: 17-Jun-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Zaiger's Inc. Genetics

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

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Snow Angel





Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'Sweet Henry'

Synonym: N/A

Application no: 2006/321

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Dec-2006

Accepted: 27-Feb-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Zaiger's Inc. Genetics

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

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Sweet Henry





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'Sweet Shasta'

Synonym: N/A

Application no: 2006/204

Current status: ACCEPTED

Certificate no: N/A

Received: 27-Jul-2006

Accepted: 10-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Zaiger's Inc. Genetics

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

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Sweet Shasta





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'Ivoryduchess'

Synonym: Whiteduchess

Application no: 2007/328

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Dec-2007

Accepted: 29-Feb-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

[View the detailed description of this variety.](#)

Ivoryduchess





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'Diamondcandy'

Synonym: Diamondgold

Application no: 2007/327

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Dec-2007

Accepted: 29-Feb-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

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Diamondcandy





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Pima Cotton (*Gossypium barbadense*)

Variety: 'Sipima 280'

Synonym: N/A

Application no: 2007/287

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Oct-2007

Accepted: 19-Nov-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

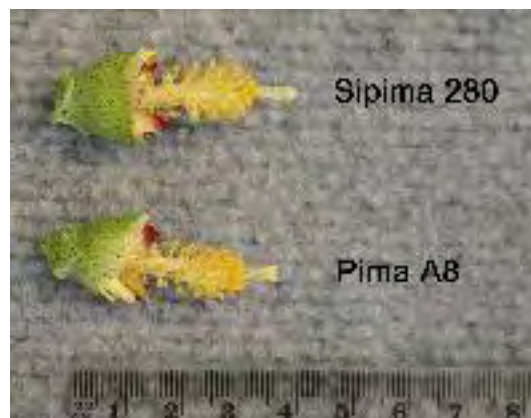
Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0267991584

Fax: 0267992427

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Poinsettia (*Euphorbia pulcherrima*)

Variety: 'Fiselfi'

Synonym: N/A

Application no: 2005/051

Current status: ACCEPTED

Certificate no: N/A

Received: 25-Feb-2005

Accepted: 13-Jul-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

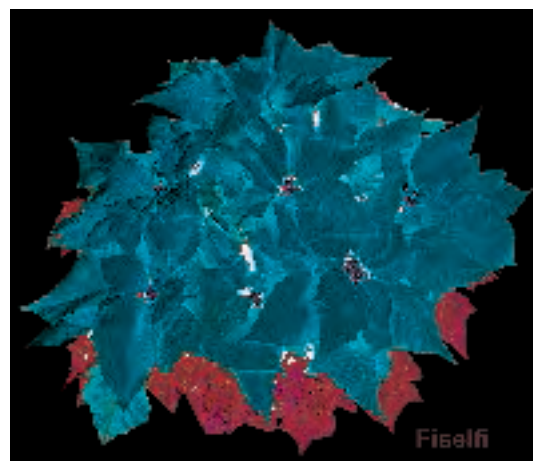
Title Holder: FLORA-NOVA Pflanzen GmbH

Agent: Sprint Horticulture Pty Ltd

Telephone: 0243857546

Fax: 0243855727

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Poinsettia (*Euphorbia pulcherrima*)

Variety: 'Fismarble Silver'

Synonym: N/A

Application no: 2005/040

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Feb-2005

Accepted: 09-Mar-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

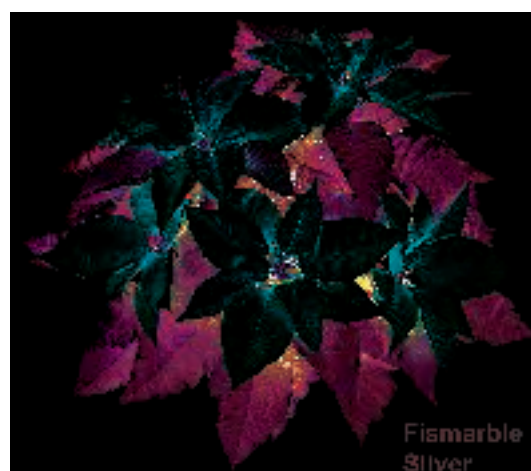
Title Holder: FLORA-NOVA Pflanzen GmbH

Agent: Sprint Horticulture Pty Ltd

Telephone: 0243857546

Fax: 0243855727

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Almera'

Synonym: N/A

Application no: 2005/186

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Jun-2005

Accepted: 20-Jul-2005

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Agrico

Agent: Agrico Australia

Telephone: 0282814555

Fax: 0282814567

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Bernadette'

Synonym: N/A

Application no: 2004/110

Current status: ACCEPTED

Certificate no: N/A

Received: 29-Mar-2004

Accepted: 25-May-2004

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Saatzucht Fritz Lange KG

Agent: Graham Liney

Telephone: 0248373319

Fax: 0248373343

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Amorosa'

Synonym: N/A

Application no: 2003/023

Current status: ACCEPTED

Certificate no: N/A

Received: 06-Feb-2003

Accepted: 24-Mar-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Agrico

Agent: Agrico Australia

Telephone: 0282814555

Fax: 0282814567

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Mai Flower'

Synonym: N/A

Application no: 2003/041

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Feb-2003

Accepted: 07-Jul-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Dr. R.J. Mansholt's Veredelingsbedrijf

Agent: Agrico Australia

Telephone: 0282814555

Fax: 0282814567

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Cunera'

Synonym: N/A

Application no: 2003/042

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Feb-2003

Accepted: 07-Jul-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

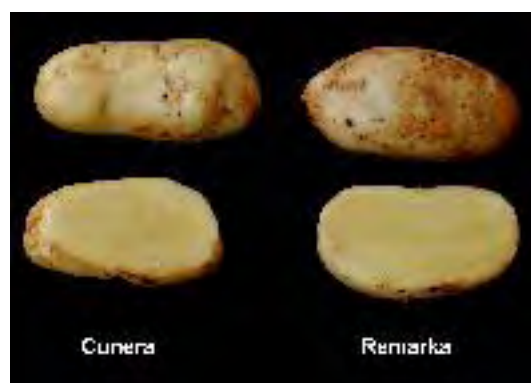
Title Holder: Mts. Boerhave

Agent: Agrico Australia

Telephone: N/A

Fax: N/A

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Romeo'

Synonym: N/A

Application no: 2007/281

Current status: ACCEPTED

Certificate no: N/A

Received: 11-Oct-2007

Accepted: 10-Dec-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Irish Potato Marketing Ltd

Agent: Bright Harvest

Telephone: 0883809855

Fax: 0883809879

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Cashmere'

Synonym: N/A

Application no: 2008/134

Current status: ACCEPTED

Certificate no: N/A

Received: 09-May-2008

Accepted: 03-Jul-2008

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Irish Potato Breeders

Agent: Mitolo Group

Telephone: 088289000

Fax: 0882829029

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Emma'

Synonym: N/A

Application no: 2007/198

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Aug-2007

Accepted: 17-Aug-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Irish Potato Marketing Ltd

Agent: Bright Harvest

Telephone: 0883809855

Fax: 0883809879

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Savanna'

Synonym: N/A

Application no: 2007/201

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Aug-2007

Accepted: 23-Aug-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

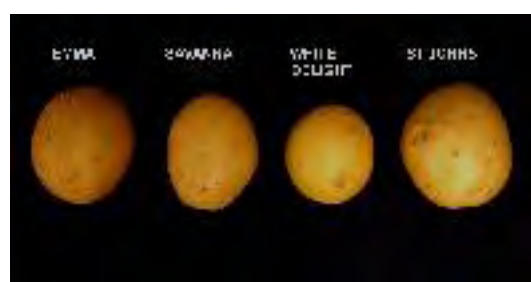
Title Holder: Irish Potato Marketing Ltd

Agent: Bright Harvest

Telephone: 0883809855

Fax: 0883809879

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Chellah'

Synonym: N/A

Application no: 2008/135

Current status: ACCEPTED

Certificate no: N/A

Received: 09-May-2008

Accepted: 13-Jun-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Irish Potato Breeders

Agent: Mitolo Group

Telephone: 088289000

Fax: 0882829029

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'JMBICOLOUR'

Synonym: N/A

Application no: 2008/133

Current status: ACCEPTED

Certificate no: N/A

Received: 09-May-2008

Accepted: 20-Jun-2008

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

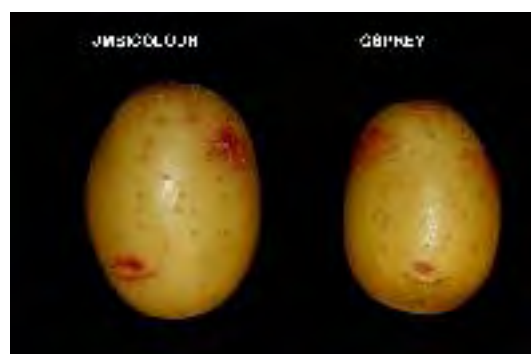
Title Holder: Irish Potato Breeders

Agent: Mitolo Group

Telephone: 088289000

Fax: 0882829029

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Jaqueline'

Synonym: N/A

Application no: 2000/341

Current status: ACCEPTED

Certificate no: N/A

Received: 06-Dec-2000

Accepted: 19-Jun-2001

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

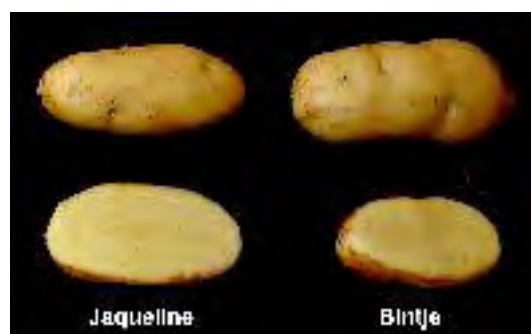
Title Holder: Saatzucht Fritz Lange KG

Agent: Graham Liney

Telephone: 0248373319

Fax: 0248373343

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Ptilotus (*Ptilotus nobilis*)

Variety: 'Purity'

Synonym: N/A

Application no: 2007/158

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jun-2007

Accepted: 02-Aug-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: The University of Queensland

Agent: N/A

Telephone: 0733654037

Fax: 0733654433

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Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Ptilotus (*Ptilotus nobilis*)

Variety: 'Passion'

Synonym: N/A

Application no: 2007/156

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jun-2007

Accepted: 09-Jul-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: The University of Queensland

Agent: N/A

Telephone: 0733654037

Fax: 0733654433

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Ptilotus (*Ptilotus nobilis*)

Variety: 'Poise'

Synonym: N/A

Application no: 2007/157

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jun-2007

Accepted: 02-Aug-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: The University of Queensland

Agent: N/A

Telephone: 0733654037

Fax: 0733654433

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Raspberry (*Rubus idaeus*)

Variety: 'Estrella'

Synonym: N/A

Application no: 2007/155

Current status: ACCEPTED

Certificate no: N/A

Received: 06-Jun-2007

Accepted: 02-Jul-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Driscoll Strawberry Associates, Inc

Agent: Phillips Ormonde & Fitzpatrick

Telephone: 0396222289

Fax: (03) 9614 1867

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Korttraste'

Synonym: N/A

Application no: 2006/101

Current status: ACCEPTED

Certificate no: N/A

Received: 08-May-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

Agent: Treloar Roses Pty Ltd

Telephone: 0355292367

Fax: 0355292511

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Korfobalt'

Synonym: N/A

Application no: 2006/100

Current status: ACCEPTED

Certificate no: N/A

Received: 08-May-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

Agent: Treloar Roses Pty Ltd

Telephone: 0355292367

Fax: 0355292511

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Schrenat'

Synonym: Aqua!

Application no: 2004/057

Current status: ACCEPTED

Certificate no: N/A

Received: 20-Feb-2004

Accepted: 22-Mar-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Piet Schreurs Holding B.V.

Agent: Schreurs Australia (Pty) Ltd

Telephone: 0296066222

Fax: 0296066841

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Schatina'
Synonym: Sweet Moments!

Application no: 2004/058

Current status: ACCEPTED

Certificate no: N/A

Received: 20-Feb-2004

Accepted: 22-Mar-2004

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Piet Schreurs Holding B.V.

Agent: Schreurs Australia (Pty) Ltd

Telephone: 0296066222

Fax: 0296066841

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Scholtec'
Synonym: Cool Water!

Application no: 2004/059

Current status: ACCEPTED

Certificate no: N/A

Received: 20-Feb-2004

Accepted: 22-Mar-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

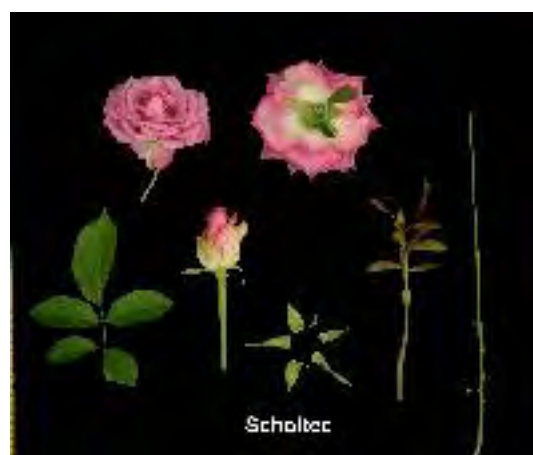
Title Holder: Piet Schreurs Holding B.V.

Agent: Schreurs Australia (Pty) Ltd

Telephone: 0296066222

Fax: 0296066841

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Scheniet'
Synonym: African Dawn!

Application no: 2004/060

Current status: ACCEPTED

Certificate no: N/A

Received: 20-Feb-2004

Accepted: 22-Mar-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Piet Schreurs Holding B.V.
Agent: Schreurs Australia (Pty) Ltd
Telephone: 0296066222
Fax: 0296066841

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Kormamtiza'

Synonym: N/A

Application no: 2006/104

Current status: ACCEPTED

Certificate no: N/A

Received: 08-May-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

Agent: Treloar Roses Pty Ltd

Telephone: 0355292367

Fax: 0355292511

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Korstarnow'

Synonym: N/A

Application no: 2006/103

Current status: ACCEPTED

Certificate no: N/A

Received: 08-May-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

Agent: Treloar Roses Pty Ltd

Telephone: 0355292367

Fax: 0355292511

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Schetakup'

Synonym: Poeme

Application no: 2001/125

Current status: ACCEPTED

Certificate no: N/A

Received: 07-May-2001

Accepted: 31-Jul-2001

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Piet Schreurs Holding B.V.

Agent: Schreurs Australia (Pty) Ltd

Telephone: 0296066222

Fax: 0296066841

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Schosonne'

Synonym: Poison

Application no: 2001/128

Current status: ACCEPTED

Certificate no: N/A

Received: 07-May-2001

Accepted: 31-Jul-2001

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Varieties Journal:

Title Holder: Piet Schreurs Holding B.V.

Agent: Schreurs Australia (Pty) Ltd

Telephone: 0296066222

Fax: 0296066841

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Soybean (*Glycine max*)

Variety: 'Fraser'

Synonym: N/A

Application no: 2007/305

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Nov-2007

Accepted: 27-Nov-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation and Grains Research and Development Corporation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria x ananassa*)

Variety: 'Bonaire'

Synonym: N/A

Application no: 2007/160

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Jun-2007

Accepted: 07-Aug-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Driscoll Strawberry Associates, Inc

Agent: Phillips Ormonde & Fitzpatrick

Telephone: 0396222289

Fax: (03) 9614 1867

[View the detailed description of this variety.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)

Variety: 'Driscoll Atlantis'

Synonym: N/A

Application no: 2006/071

Current status: ACCEPTED

Certificate no: N/A

Received: 19-Apr-2006

Accepted: 30-May-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Driscoll Strawberry Associates, Inc

Agent: Phillips Ormonde & Fitzpatrick

Telephone: 0396222289

Fax: (03) 9614 1867

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)

Variety: 'Driscoll Destin'

Synonym: N/A

Application no: 2006/073

Current status: ACCEPTED

Certificate no: N/A

Received: 19-Apr-2006

Accepted: 30-May-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Varieties Journal:

Title Holder: Driscoll Strawberry Associates, Inc

Agent: Phillips Ormonde & Fitzpatrick

Telephone: 0396222289

Fax: (03) 9614 1867

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Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)

Variety: 'Driscoll Sausalito'

Synonym: N/A

Application no: 2006/077

Current status: ACCEPTED

Certificate no: N/A

Received: 19-Apr-2006

Accepted: 30-May-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Varieties Journal:

Title Holder: Driscoll Strawberry Associates, Inc

Agent: Phillips Ormonde & Fitzpatrick

Telephone: 0396222289

Fax: (03) 9614 1867

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)

Variety: 'DrisStrawOne'

Synonym: N/A

Application no: 2008/279

Current status: ACCEPTED

Certificate no: N/A

Received: 17-Sep-2008

Accepted: 03-Oct-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Driscoll Strawberry Associates, Inc

Agent: Phillips Ormonde & Fitzpatrick

Telephone: 0396222289

Fax: (03) 9614 1867

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)

Variety: 'MACARENA'

Synonym: N/A

Application no: 2008/059

Current status: ACCEPTED

Certificate no: N/A

Received: 27-Feb-2008

Accepted: 02-Jul-2008

Granted: N/A

Description published

in Plant Varieties Journal: Volume 21, Issue 3

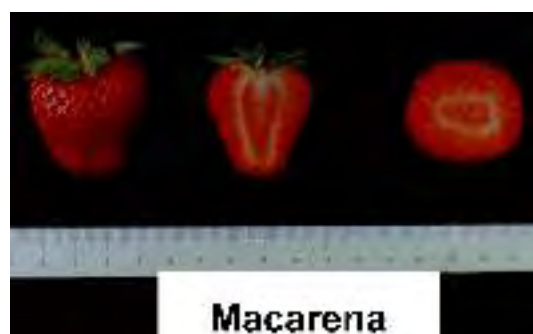
Title Holder: Plantas de Navarra, S.A. (Planasa)

Agent: Red Jewel Fruit Management Pty Ltd

Telephone: 0746841133

Fax: 0746841186

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sweet Mountain Grape (*Vitis berlandieri*)

Variety: 'Merbein 5489'

Synonym: N/A

Application no: 2005/069

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2005

Accepted: 19-Apr-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sweet Mountain Grape (*Vitis berlandieri*)

Variety: 'Merbein 5512'

Synonym: N/A

Application no: 2005/068

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2005

Accepted: 19-Apr-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sweet Winter Grape (*Vitis cinerea*)

Variety: 'Merbein 6262'

Synonym: N/A

Application no: 2005/066

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2005

Accepted: 19-Apr-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Tulip (*Tulipa hybrid*)

Variety: 'Clearwater'

Synonym: N/A

Application no: 2004/075

Current status: ACCEPTED

Certificate no: N/A

Received: 01-Mar-2004

Accepted: 05-Jul-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: Fa. G. & M. Brouwer

Agent: A J Park

Telephone: 0262435151

Fax: 0262435143

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wax Flower (*Crocea saligna*)

Variety: 'PPCS1'

Synonym: N/A

Application no: 2007/259

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Oct-2007

Accepted: 22-Nov-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Varieties Journal:

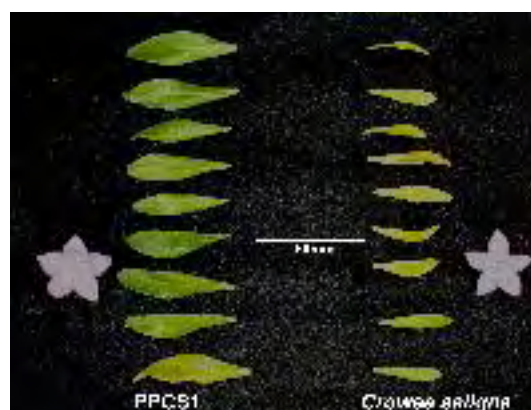
Title Holder: Prestige Plants Pty Ltd

Agent: Greenhills Propagation Nursery Pty Ltd

Telephone: 0356292443

Fax: 0356292822

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'Livingston'

Synonym: N/A

Application no: 2004/289

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Oct-2004

Accepted: 29-Nov-2004

Granted: N/A

Description

published

in Plant Varieties Journal: Volume 21, Issue 3

Title Holder: The University of Sydney and Grains Research and Development Corporation

Agent: SunPrime Seeds

Telephone: 0268816210

Fax: 0268816220

[View the detailed description of this variety.](#)





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'Sunvex'

Synonym: N/A

Application no: 2007/174

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Jul-2007

Accepted: 02-Jul-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 3

Varieties Journal:

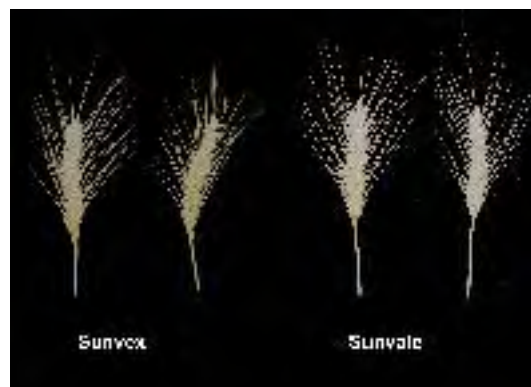
Title Holder: The University of Sydney and Grain Research and Development Corporation (GRDC)

Agent: Australian Grain Technologies

Telephone: 0883036862

Fax: 0883036865

[View the detailed description of this variety.](#)



Details of Application

Application Number	2006/092
Variety Name	'Flagship'
Genus Species	<i>Hordeum vulgare</i>
Common Name	Barley
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	Parties of the Malting Barley Quality Improvement Program
Agent	Adelaide Research and Innovation Pty Ltd, Adelaide, SA and Grains Research and Development Corporation, Barton, ACT
Qualified Person	Jason Eglinton

Details of Comparative Trial

Location	Charlick Experimental Station, Strathalbyn, South Australia
Descriptor	Barley (<i>Hordeum vulgare</i>) TG/19/10
Period	2004
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 500 plants.
Trial Design	Three replicates of each genotype were sown on 29th Jun 2004 in a Randomised Complete Block Design in plots of 5 rows by 3.2 metres.
Measurements	The trial was assessed on 3 Aug 2004, 10 Sep 2004, 27 Oct 2004 and 29 Oct 2004 for a number of qualitative and quantitative traits. Fifteen randomly selected plants were assessed individually for each trait.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Initial crosses were made between 'Chieftan' and 'Barque' and also between 'Manley' and 'VB9104', resulting in single cross F1 plants. These F1 plants were then intercrossed, and 841 doubled haploid (DH) lines were derived from nine different intercross F1 plants. The number of these DH lines generated per plant ranged from four to 332 with 206 lines and 332 lines being the two largest sets. Of the 841 DH lines produced, 837 were evaluated in double row summer nursery trials in 1999. All lines were harvested, and data collected on screenings and quality traits were assessed by near infra-red spectroscopy (NIR). 350 selected individuals were promoted to Stage 1 yield trials in 1999, grown as one replicate at three sites, with seven cultivars as grid checks. Agronomic observations were recorded, yield measured and IOB wet-chemistry quality data obtained. 70 individuals were advanced to Stage 2 yield trials in 2000 and evaluated in unreplicated trials at eight sites. Data was collected as in Stage 1 but with more detailed quality analyses. A further three individuals showing exceptional promise were promoted directly into Stage 3 yield trials in 2000 and grown in replicated trials at eleven sites. Based on results from 2000 season Stage 2 trials, seven individuals of the 70 assessed were advanced to Stage 3 yield trials in 2001 and evaluated in replicated trials at eleven sites. Of the three lines grown in 2000 Stage 3 trials, the best two (WI 3407 and WI 3408) were promoted into Stage 4 variety trials in 2001 and evaluated in replicated trials at 21 sites. The third line remained in Stage 3 trials alongside the seven promoted from 2000 Stage 2. Based on 2001 trial results, WI 3408 was chosen as the most promising individual, and in 2002 and 2003 seasons was grown in replicated trials at 32 sites. Initial seed multiplication was carried out over summer in 2002/2003 at Mundulla in South Australia. No off-types were present. Subsequent seed multiplication was conducted in the 2004 season at Turretfield Research Station, Rosedale, SA. Again, no off-types were present.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	early growth habit	non prostrate (non sdw type)
Roots	resistance to cereal cyst nematode	resistant
Lowest leaves	hairiness of leaf sheath	absent
Ear	number of rows	two
Grain	hairiness of ventral furrow	absent
Season	type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Keel’	CCN resistant, non sdw type.
‘Barque’	CCN resistant non sdw type
‘SloopSA’	CCN resistant, non sdw type

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Flagship’	‘Barque’	‘Keel’	‘SloopSA’
<input checked="" type="checkbox"/> *Plant: growth habit	erect	semi-prostrate	intermediate	erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent	absent
<input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	absent	absent	absent
<input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	medium			
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low	absent or very low	absent or very low
<input type="checkbox"/> Flag leaf: glaucosity of sheath	medium	medium	medium to strong	
<input type="checkbox"/> *Time of: ear emergence	medium	early	very early	medium
<input checked="" type="checkbox"/> *Awns: anthocyanin colouration of tips	present	absent	absent	present
<input type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	weak to medium			weak
<input type="checkbox"/> *Ear: glaucosity	medium	weak	medium to strong	weak
<input type="checkbox"/> Ear: attitude	erect	semi-recurved	semi-erect	semi-recurved to recurved
<input type="checkbox"/> *Plant: length	medium	long	short to medium	medium
<input type="checkbox"/> *Ear: number of rows	two	two	two	two
<input checked="" type="checkbox"/> Ear: shape	tapering	tapering	tapering	parallel
<input type="checkbox"/> *Ear: density	medium	medium	medium	medium

<input type="checkbox"/>	Ear: length	medium	medium	medium	medium
<input type="checkbox"/>	*Awn length (compared to ear)	medium	long	long	long
<input type="checkbox"/>	Rachis: length of first segment	medium	medium	medium	medium
<input checked="" type="checkbox"/>	Rachis: curvature of first segment	medium	absent or very weak	weak	weak
<input type="checkbox"/>	*Sterile spikelet: attitude	divergent	parallel to weakly divergent	parallel to weakly divergent	parallel to weakly divergent
<input checked="" type="checkbox"/>	Median spikelet: length of glume and its awn relative to grain	shorter	equal	equal	shorter
<input checked="" type="checkbox"/>	*Grain: rachilla hair type	short	short	long	short
<input type="checkbox"/>	*Grain: husk	present	present	present	present
<input type="checkbox"/>	Grain: anthocyanin colouration of nerves of lemma	weak	absent or very weak	absent or very weak	weak
<input checked="" type="checkbox"/>	Grain: spiculation of inner lateral nerves of dorsal side of lemma	medium to strong	medium to strong	weak	medium to strong
<input type="checkbox"/>	*Grain: hairiness of ventral furrow	absent	absent	absent	absent
<input type="checkbox"/>	Kernel: colour of aleurone layer	whitish	whitish	whitish	whitish
<input type="checkbox"/>	*Season: type	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Flagship'	'Barque'	'Keel'	'SloopSA'	
<input type="checkbox"/>	B-amylase isoform:	Sd2H	Sd2L	Sd2L	Sd1
<input type="checkbox"/>	Collar: shape	Cup			Cup
<input type="checkbox"/>	Rachilla: number of hairs	absent or very few to few	absent or very few	many	absent or very few
<input type="checkbox"/>	Extended photoperiod: response	strong	strong	strong	strong
<input checked="" type="checkbox"/>	Resistance to: scald	moderate	absent or very low to low	moderate to high	low
<input checked="" type="checkbox"/>	Resistance to: net form of net blotch	medium to high	medium	high	high
<input checked="" type="checkbox"/>	Resistance to: spot form of net blotch	medium to high	high to very high	high to very high	low
<input type="checkbox"/>	Resistance to: cereal cyst nematode	present	present	present	present
<input type="checkbox"/>	Gene for: resistance to cereal cyst nematode	Ha2	Ha4		Ha2
<input checked="" type="checkbox"/>	Tolerance to: high soil boron	very low	medium	medium	low
<input type="checkbox"/>	Awn: presence	present	present	present	present

Statistical Table

Organ/Plant Part: Context	‘Flagship’	‘Barque’	‘Keel’	‘SloopSA’
<input type="checkbox"/> Plant: height (mm)				
Mean	616.20	626.00	601.00	622.80
Std. Deviation	20.50	31.00	18.70	22.90
SD/sig	19.5	ns	ns	ns
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	58.20	58.60	51.80	52.80
Std. Deviation	6.35	4.30	6.00	6.40
SD/sig	6.04	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Awn: length (mm)				
Mean	79.13	91.30	95.80	96.00
Std. Deviation	4.70	6.00	4.00	7.60
SD/sig	6.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Ear: grain number (grains)				
Mean	18.30	19.50	18.80	19.50
Std. Deviation	2.80	2.30	2.90	3.30
LSD/sig	2.8	ns	ns	ns

Prior Applications and Sales

Nil.

Description: **Jason Eglinton**, The University of Adelaide, Glen Osmond, SA.

Details of Application

Application Number	2007/112
Variety Name	'Hot Cherry BLZ'
Genus Species	<i>Zantedeschia</i> hybrid
Common Name	Calla Lily
Synonym	Nil
Accepted Date	5 Jun 2007
Applicant	BLOOMZ Ltd, Tauranga, New Zealand
Agent	Rural Funds Management Flower Fund, Nuriootpa, SA
Qualified Person	Andrew Warren

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Office
Overseas Data	Grant No: 2687
Reference Number	
Location	Lincoln, New Zealand.
Descriptor	<i>Zantedeschia</i> (<i>Zantedeschia</i>) TG/177/3.
Period	Dec 2007 – Feb 2008.
Conditions	Trial conducted in the outdoor with no GA treatments.
Trial Design	20 tubers of each variety planted
Measurements	From all trial plants. Observations at flowering.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent unnamed pink seedling x pollen parent 'Majestic Red'. The seed parent is characterised by pink flower colour. The pollen parent is characterised by purple red flower colour. Hybridisation took place in Tauranga, New Zealand in 2000. Selection criteria: large number of flowers, superior plant habit. Propagation: tissue culture. Breeder: BLOOMZ Ltd, Tauranga, New Zealand.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	deciduous
Leaf blade	spots on upper side	present
Spathe	natural length	medium
Spathe	natural width	narrow/medium
Spathe	main colour of inner side	red-purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Majestic Red'	Most similar variety and also a parent of the candidate variety

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Hot Cherry BLZ'	'Majestic Red'
<input type="checkbox"/> *Plant: type	deciduous	deciduous
<input type="checkbox"/> *Plant: height	short to medium	medium
<input type="checkbox"/> Plant: total number of shoots (deciduous varieties only)	medium	few to medium
<input type="checkbox"/> *Young shoot: colour	green	green
<input type="checkbox"/> Petiole: length	short to medium	medium
<input type="checkbox"/> *Petiole: colour of lower part	medium green	dark green
<input type="checkbox"/> Leaf blade: attitude	erect	erect
<input type="checkbox"/> *Leaf blade: length	medium to long	medium
<input type="checkbox"/> *Leaf blade: width	narrow to medium	medium
<input type="checkbox"/> *Leaf blade: position of broadest part	slightly below middle	slightly below middle
<input type="checkbox"/> *Leaf blade: lobes	absent	absent
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	medium	medium
<input type="checkbox"/> *Leaf blade: spots on upper side	present	present
<input checked="" type="checkbox"/> Leaf blade: size of spots on upper side	very small to small	medium
<input checked="" type="checkbox"/> *Leaf blade: number of spots on upper side	few	medium
<input type="checkbox"/> Leaf blade: undulation of margin	strongly expressed	strongly expressed
<input type="checkbox"/> Scape: thickness	medium	medium
<input type="checkbox"/> Scape: red colouration	weak	absent or very weak
<input type="checkbox"/> Scape: mottling at basal part	weakly expressed	weakly expressed
<input type="checkbox"/> *Spathe: natural height	high	high
<input type="checkbox"/> *Spathe: natural length	medium	medium
<input type="checkbox"/> *Spathe: natural width	narrow to medium	narrow to medium to medium
<input type="checkbox"/> Spathe: height of overlapping part	high	medium
<input type="checkbox"/> Spathe: natural shape of distal part	obtuse	obtuse
<input type="checkbox"/> *Spathe: main colour of inner side (RHS colour chart)	59A	59B
<input type="checkbox"/> Spathe: gradual colour change from base to apex	weakly intensifying	strongly intensifying
<input type="checkbox"/> Spathe: size of unchanged colour area at base	large	medium
<input checked="" type="checkbox"/> *Spathe: presence of throat spot	present	absent
<input type="checkbox"/> Spathe: size of throat spot	small to medium	

<input type="checkbox"/>	*Spathe: colour of throat spot	purple	
<input type="checkbox"/>	Spathe: main colour of outer side	purple pink	red purple
<input type="checkbox"/>	Spathe: recurving of margin	very weak	weak
<input type="checkbox"/>	*Spadix: length	medium	short to medium
<input type="checkbox"/>	Spadix: width at middle of male part	medium	broad
<input type="checkbox"/>	Spadix: main colour just before pollen shed	yellow orange	yellow orange
<input type="checkbox"/>	Degree of: fading of flower colour with age	absent or very weakly expressed	weakly expressed
<input checked="" type="checkbox"/>	Colour change: with age	strongly intensifying	weakly fading

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2006	Granted	'Hot Cherry BLZ'
EU	2007	Applied	'Hot Cherry BLZ'
Colombia	2007	Applied	'Hot Cherry BLZ'
Kenya	2007	Granted	'Hot Cherry BLZ'
USA	2007	Applied	'Hot Cherry BLZ'

Prior sale nil.

Description: **Jaap Spaans**, BLOOMZ Ltd, Tauranga, New Zealand.

Details of Application

Application Number	2007/114
Variety Name	'Merlot BLZ'
Genus Species	<i>Zantedeschia</i> hybrid
Common Name	Calla Lily
Synonym	Nil
Accepted Date	5 Jun 2007
Applicant	BLOOMZ Ltd, Tauranga, New Zealand
Agent	Rural Funds Management Flower Fund, Nuriootpa, SA
Qualified Person	Andrew Warren

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Office
Overseas Data	Grant no: 2547
Reference Number	
Location	Lincoln, New Zealand.
Descriptor	<i>Zantedeschia</i> (<i>Zantedeschia</i>) TG/177/3.
Period	Dec 2006 – Feb 2007.
Conditions	Trial conducted in the outdoor with no GA treatments.
Trial Design	20 tubers of each variety planted
Measurements	From all trial plants. Observations at flowering.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'Majestic Red' x pollen parent pink seedling. The seed parent is characterised by red purple flower colour. The pollen parent is characterised by pink flower colour. Hybridisation took place in Tauranga, New Zealand in 2000. Selection criteria: large number of flowers, superior plant habit. Propagation: tissue culture. Breeder: BLOOMZ Ltd, Tauranga, New Zealand.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	deciduous
Leaf blade	spots on upper side	present
Spathe	natural length	medium
Spathe	natural width	narrow/medium
Spathe	main colour of inner side	purple/red-purple
Spathe	presence of throat spot	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Majestic Red'	Most similar variety and also a parent of the candidate variety

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Merlot BLZ’	‘Majestic Red’
<input type="checkbox"/> *Plant: type	deciduous	deciduous
<input type="checkbox"/> *Plant: height	medium	medium
<input type="checkbox"/> Plant: total number of shoots (deciduous varieties only)	medium	few to medium
<input type="checkbox"/> *Young shoot: colour	green	green
<input type="checkbox"/> Petiole: length	medium to long	medium
<input type="checkbox"/> *Petiole: colour of lower part	medium green	dark green
<input type="checkbox"/> Leaf blade: attitude	erect	erect
<input type="checkbox"/> *Leaf blade: length	medium to long	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium
<input type="checkbox"/> *Leaf blade: position of broadest part	slightly below middle	slightly below middle
<input checked="" type="checkbox"/> *Leaf blade: lobes	present	absent
<input type="checkbox"/> Leaf blade: length of lobe	short	
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	medium	medium
<input type="checkbox"/> *Leaf blade: spots on upper side	present	present
<input type="checkbox"/> Leaf blade: size of spots on upper side	small	medium
<input type="checkbox"/> *Leaf blade: number of spots on upper side	few to medium	medium
<input type="checkbox"/> Leaf blade: undulation of margin	strongly expressed	strongly expressed
<input type="checkbox"/> Scape: thickness	medium	medium
<input type="checkbox"/> Scape: red colouration	weak	absent or very weak
<input type="checkbox"/> Scape: mottling at basal part	weakly expressed	weakly expressed
<input type="checkbox"/> *Spathe: natural height	medium	high
<input type="checkbox"/> *Spathe: natural length	medium	medium
<input type="checkbox"/> *Spathe: natural width	narrow	narrow to medium to medium
<input type="checkbox"/> Spathe: height of overlapping part	medium	medium
<input type="checkbox"/> Spathe: natural shape of distal part	obtuse	obtuse
<input checked="" type="checkbox"/> *Spathe: main colour of inner side (RHS colour chart)	N77A to N186AB	59A
<input type="checkbox"/> *Spathe: secondary colour of inner side	dark red purple	red purple
<input type="checkbox"/> Spathe: gradual colour change from base to apex	strongly intensifying	strongly intensifying

<input type="checkbox"/>	Spathe: size of unchanged colour area at base	medium	medium
<input type="checkbox"/>	*Spathe: presence of throat spot	absent	absent
<input type="checkbox"/>	Spathe: main colour of outer side	brown purple	red purple
<input type="checkbox"/>	Spathe: recurving of margin	very weak	weak
<input type="checkbox"/>	*Spadix: length	short	short to medium
<input type="checkbox"/>	Spadix: width at middle of male part	medium	broad
<input checked="" type="checkbox"/>	Spadix: main colour just before pollen shed	light yellow	yellow orange
<input type="checkbox"/>	Degree of: fading of flower colour with age	weakly expressed	weakly expressed
<input type="checkbox"/>	Colour change: with age	weakly fading	weakly fading

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2006	Granted	'Merlot BLZ'
EU	2007	Applied	'Merlot BLZ'
USA	2007	Applied	'Merlot BLZ'

Prior sale nil.

Description: **Jaap Spaans**, BLOOMZ Ltd, Tauranga, New Zealand.

Details of Application

Application Number	2007/141
Variety Name	'Rosa BLZ'
Genus Species	<i>Zantedeschia</i> spp.
Common Name	Calla Lily
Synonym	Nil
Accepted Date	10 Dec 2007.
Applicant	BLOOMZ Ltd, Tauranga, New Zealand
Agent	Rural Funds Management Flower Fund, Nuriootpa, SA
Qualified Person	Andrew Warren.

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Office
Overseas Data	Grant no: 2546
Reference Number	
Location	Lincoln, New Zealand.
Descriptor	<i>Zantedeschia</i> (<i>Zantedeschia</i>) TG/177/3.
Period	Dec 2006 – Feb 2007.
Conditions	Trial conducted in the outdoor with no GA treatments.
Trial Design	20 tubers of each variety planted
Measurements	From all trial plants. Observations at flowering.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'Majestic Red' x pollen parent pink pot seedling.. The seed parent is characterised by open flower. The pollen parent is characterised by light pink flower colour. Hybridisation took place in Tauranga, New Zealand in 2001. Selection criteria: flower production and flower colour. Propagation: tissue culture. Breeder: BLOOMZ Ltd, Tauranga, New Zealand.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	deciduous
Leaf blade	spots on upper side	present
Spathe	main colour of inner sidered-purple	
Spathe	presence of throat spot	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Hot Lips'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Rosa BLZ'	'Hot Lips'
<input type="checkbox"/> *Plant: type	deciduous	deciduous
<input checked="" type="checkbox"/> *Plant: height	medium	short
<input type="checkbox"/> Plant: total number of shoots (deciduous varieties only)	medium	medium

<input type="checkbox"/>	*Young shoot: colour	green	green
<input checked="" type="checkbox"/>	Petiole: length	short to medium	very short to short
<input type="checkbox"/>	*Petiole: colour of lower part	medium green	dark green
<input type="checkbox"/>	Leaf blade: attitude	erect	semi-erect
<input checked="" type="checkbox"/>	*Leaf blade: length	long	medium
<input type="checkbox"/>	*Leaf blade: width	medium	medium
<input type="checkbox"/>	*Leaf blade: position of broadest part	slightly below middle	slightly below middle
<input type="checkbox"/>	*Leaf blade: lobes	absent	absent
<input type="checkbox"/>	Leaf blade: shape of apex	acute	acute
<input checked="" type="checkbox"/>	*Leaf blade: intensity of green colour of upper side	dark	medium
<input type="checkbox"/>	*Leaf blade: spots on upper side	present	present
<input checked="" type="checkbox"/>	Leaf blade: size of spots on upper side	medium	small
<input type="checkbox"/>	*Leaf blade: number of spots on upper side	few to medium	few
<input type="checkbox"/>	Leaf blade: undulation of margin	strongly expressed	strongly expressed
<input type="checkbox"/>	Scape: thickness	medium to thick	thick
<input type="checkbox"/>	Scape: red colouration	absent or very weak	weak
<input type="checkbox"/>	Scape: mottling at basal part	absent or very weakly expressed	weakly expressed
<input type="checkbox"/>	*Spathe: natural height	medium	medium to medium to high
<input checked="" type="checkbox"/>	*Spathe: natural length	medium	short
<input checked="" type="checkbox"/>	*Spathe: natural width	medium	narrow
<input type="checkbox"/>	Spathe: height of overlapping part	high	high
<input checked="" type="checkbox"/>	Spathe: natural shape of distal part	obtuse	acute
<input checked="" type="checkbox"/>	*Spathe: main colour of inner side (RHS colour chart)	59A	59C
<input type="checkbox"/>	*Spathe: secondary colour of inner side	dark red purple	red purple
<input checked="" type="checkbox"/>	Spathe: gradual colour change from base to apex	weakly intensifying	strongly intensifying
<input checked="" type="checkbox"/>	Spathe: size of unchanged colour area at base	medium	small
<input type="checkbox"/>	*Spathe: presence of throat spot	absent	absent
<input type="checkbox"/>	Spathe: main colour of outer side	red purple	red purple
<input checked="" type="checkbox"/>	Spathe: recurving of margin	very weak	weak
<input type="checkbox"/>	*Spadix: length	medium	medium
<input type="checkbox"/>	Spadix: width at middle of male part	medium	broad
<input checked="" type="checkbox"/>	Spadix: main colour just before pollen shed	orange brown	yellow orange

<input type="checkbox"/>	Degree of: fading of flower colour with age	absent or very weakly expressed	strongly expressed
<input type="checkbox"/>	Colour change: with age	weakly fading	weakly fading

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2006	Granted	'Rosa BLZ'
EU	2006	Applied	'Hot Pink BLZ'
USA	2007	Applied	'Rosa BLZ'
Kenya	2007	Granted	'Rosa BLZ'
Colombia	2007	Applied	'Rosa BLZ'

First sold in Australia in Sep 2006.

Description: **Jaap Spaans**, BLOOMZ Ltd, Tauranga, New Zealand.

Details of Application

Application Number	2008/022
Variety Name	'Storm TT'
Genus Species	<i>Brassica napus</i>
Common Name	Canola
Synonym	Nil
Accepted Date	25 Feb 2008
Applicant	Pacific Seeds Pty Ltd, Toowoomba, QLD
Agent	N/A
Qualified Person	Ross Downes

Details of Comparative Trial

Location	Coolamon, NSW.
Descriptor	Canola/Rape Seed (<i>Brassica napus</i>) TG 36/6, corr.
Period	May to Oct 2008.
Conditions	Dryland with low to moderate rainfall.
Trial Design	RCB, 3 replications, plots of approximately 10m ² .
Measurements	22 Aug 08, 21 Sep 08, 10 Oct 08 for all except seedling characters. Sixty measurements per variety
RHS Chart - edition	N/A

Origin and Breeding

Controlled cross pollination between 'Thunder TT', female parent, and 'AV-Ruby', male parent. The cultivar was produced by backcrossing 'AV-Ruby' into a triazine tolerant cultivar ('Thunder TT'). The initial cross was made in Jun 2005 and backcrossing continued to BC2 during 2005. In 2006 three generations of selfing were conducted (F1, F2, F3). Selections were made at this time based on similarity to the recurrent parent. Seed increase and evaluation followed in 2007. Breeder: Andrew Easton, Pacific Seeds Pty Ltd, Toowoomba, QLD.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time to flower	medium
Plant	height	medium
Plant	herbicide tolerance	triazine tolerant
Seed	erucic acid content	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'ATR Summitt'	
'Tornado TT'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'ATR-Marlin'	leaf length	short	medium	
'Thunder TT'	leaf length	short	medium	seed parent

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Storm TT'	'ATR Summitt'	'Tornado TT'
<input type="checkbox"/> *Seed: erucic acid	absent	absent	absent
<input type="checkbox"/> *Leaf: green colour	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: lobes	present	mostly absent	present
<input type="checkbox"/> *Leaf: number of lobes	medium to many	very few	few
<input type="checkbox"/> *Leaf: dentation of margin	medium	weak to medium	medium
<input checked="" type="checkbox"/> Leaf: length	short	short to medium	medium
<input checked="" type="checkbox"/> Leaf: width	narrow	narrow to medium	medium
<input type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only)	short to medium		medium
<input type="checkbox"/> *Time of: flowering	medium	early to medium	early to medium
<input type="checkbox"/> *Flower: colour of petals	yellow	yellow	yellow
<input type="checkbox"/> Flower: length of petals	medium	medium	medium
<input type="checkbox"/> Flower: width of petals	medium	medium	medium
<input type="checkbox"/> Production of: pollen	present	present	present
<input type="checkbox"/> Plant: height at full flowering	medium	medium	medium
<input type="checkbox"/> *Plant: total length including side branches	medium	medium to long	medium
<input checked="" type="checkbox"/> Siliqua: length	medium	long to very long	medium
<input checked="" type="checkbox"/> Siliqua: length of beak	short to medium	short to medium	medium
<input type="checkbox"/> Siliqua: length of peduncle	short to medium	medium	short to medium
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: for spring sown trials	strong	strong	strong
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: for late summer sown trials	strong	strong	strong

Statistical Table

Organ/Plant Part: Context	'Storm TT'	'ATR Summitt'	'Tornado TT'
<input type="checkbox"/> Leaf: lobe number			
Mean	6.50	n/a	6.00
Std. Deviation	0.90	n/a	1.20
LSD/sig	0.7	n/a	ns
<input checked="" type="checkbox"/> Leaf: length (cm)			
Mean	31.40	33.70	34.90
Std. Deviation	4.50	4.10	3.30
LSD/sig	2.2	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (cm)			
Mean	13.40	14.50	15.20
Std. Deviation	1.70	1.90	1.70
Lsd/sig	1.0	P≤0.01	P≤0.01
<input type="checkbox"/> Leaf: petiole length (cm)			
Mean	16.20	n/a	17.20
Std. Deviation	2.70	n/a	2.70
LSD/sig	1.6	n/a	ns
<input type="checkbox"/> Stem: length (cm)			
Mean	89.00	95.50	94.70
Std. Deviation	8.70	10.00	8.00
LSD/sig	3.3	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Siliqua: length (mm)			
Mean	54.90	61.70	54.70
Std. Deviation	7.30	8.50	6.80
LSD/sig	3.2	P≤0.01	ns
<input checked="" type="checkbox"/> Siliqua: beak length (mm)			
Mean	8.10	8.90	10.40
Std. Deviation	1.90	2.00	1.80
LSD/sig	0.8	ns	P≤0.01
<input type="checkbox"/> Siliqua: peduncle length (mm)			
Mean	20.90	22.50	20.60
Std. Deviation	4.20	3.20	2.40
LSD/sig	1.4	ns	ns

Prior Applications and Sales

Nil.

Description: **Ross Downes**, Moruya, NSW.

Details of Application

Application Number	2008/021
Variety Name	'Hurricane TT'
Genus Species	<i>Brassica napus</i>
Common Name	Canola
Synonym	Nil
Accepted Date	15 Feb 2008
Applicant	Pacific Seeds Pty Ltd, Toowoomba, QLD
Agent	N/A
Qualified Person	Ross Downes

Details of Comparative Trial

Location	Coolamon, NSW.
Descriptor	Canola/Rape Seed (<i>Brassica napus</i>) TG 36/6, corr.
Period	May to Oct 2008.
Conditions	Dryland with low to moderate rainfall.
Trial Design	RCB, 3 replications, plots of approximately 10m ² .
Measurements	22 Aug 08, 21 Sep 08, 10 Oct 08 for all except seedling characters.
RHS Chart - edition	N/A

Origin and Breeding

Controlled cross pollination between 'Thunder TT', female parent, and 'AV-Opal', male parent. 'AV-Opal' was backcrossed to a triazine tolerant variety, 'Thunder TT' in Jun 2005 and 'BC2' also in 2005. Three generations of self pollination followed with selection for similarity to the recurrent parent. Seed was increased in the summer of 2006/07 followed by evaluation in replicated trials in 2007. Breeder: Andrew Easton, Pacific Seeds Pty Ltd, Toowoomba, QLD.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time to flower	early
Plant	height	medium
Plant	herbicide tolerance	triazine tolerant
Seed	erucic acid content	absent
Leaf	lobes	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tornado TT'	
'ATR Barra'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Hurricane TT’	‘ATR Barra’	‘Tornado TT’
<input type="checkbox"/> *Seed: erucic acid	absent	absent	absent
<input type="checkbox"/> *Leaf: green colour	medium	medium	medium
<input type="checkbox"/> *Leaf: lobes	present	present	present
<input checked="" type="checkbox"/> *Leaf: number of lobes	many	medium	few
<input checked="" type="checkbox"/> *Leaf: dentation of margin	strong	medium	medium
<input checked="" type="checkbox"/> Leaf: length	short	short to medium	medium
<input checked="" type="checkbox"/> Leaf: width	narrow to medium	medium	medium
<input type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only)	short to medium	medium	medium
<input type="checkbox"/> *Time of: flowering	very early to early	early	early to medium
<input type="checkbox"/> *Flower: colour of petals	yellow	yellow	yellow
<input type="checkbox"/> Flower: length of petals	medium	medium	medium
<input type="checkbox"/> Flower: width of petals	medium	medium	medium
<input type="checkbox"/> Production of: pollen	present	present	present
<input type="checkbox"/> Plant: height at full flowering	medium	medium	medium
<input type="checkbox"/> *Plant: total length including side branches	medium	medium	medium
<input type="checkbox"/> Siliqua: length	medium	medium	medium
<input checked="" type="checkbox"/> Siliqua: length of beak	short	long	medium
<input type="checkbox"/> Siliqua: length of peduncle	medium to long	short	short to medium
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: for spring sown trials	strong	strong	strong
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: for late summer sown trials	strong	strong	strong

Statistical Table

Organ/Plant Part: Context	‘Hurricane TT’	‘ATR Barra’	‘Tornado TT’
<input checked="" type="checkbox"/> Leaf: lobe number			
Mean	7.40	6.60	6.00
Std. Deviation	1.00	1.40	1.20
LSD/sig	0.71	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (cm)			
Mean	30.40	33.30	34.90
Std. Deviation	2.40	4.00	3.30
LSD/sig	2.1	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (cm)			

Mean	13.00	14.90	15.20
Std. Deviation	1.30	1.60	1.70
LSD/sig	0.9	P≤0.01	P≤0.01
<input type="checkbox"/> Leaf: petiole length (cm)			
Mean	16.80	17.40	17.20
Std. Deviation	2.20	3.10	2.70
LSD/sig	1.62	ns	ns
<input checked="" type="checkbox"/> Stem: length (cm)			
Mean	98.90	94.30	97.70
Std. Deviation	9.10	10.00	8.00
LSD/sig	3.8	P≤0.01	ns
<input type="checkbox"/> Siliqua: length (mm)			
Mean	56.30	55.00	54.70
Std. Deviation	5.80	6.80	6.80
LSD/sig	2.7	ns	ns
<input checked="" type="checkbox"/> Siliqua: beak length (mm)			
Mean	7.10	11.20	10.40
Std. Deviation	1.80	2.10	1.80
LSD/sig	0.8	P≤0.01	P≤0.01
<input type="checkbox"/> Siliqua: peduncle length (mm)			
Mean	23.30	20.50	20.60
Std. Deviation	3.90	2.20	2.40
LSD/sig	1.3	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Ross Downes**, Moruya, NSW.

Details of Application

Application Number	2006/033
Variety Name	'Kuratas'
Genus Species	<i>Trifolium ambiguum</i>
Common Name	Caucasian Clover
Synonym	Nil
Accepted Date	7 Apr 2006
Applicant	University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment, King Meadows, TAS
Agent	N/A
Qualified Person	Andrea Hurst

Details of Comparative Trial

Location	Mt Pleasant Laboratories, Launceston, TAS.
Descriptor	Caucasian clover (<i>Trifolium ambiguum</i>) PBR CAUC.
Period	Apr 2006 to Mar 2008.
Conditions	Seed was germinated on pads 07 Apr 2006 and pricked into 64 cell Yates Rite-Gro Kwik trays and grown in glasshouse conditions under natural light. After 90 days the seedlings were transplanted into 200mm pots in a pine bark/loam based potting mix with premixed slow release fertiliser and transferred to an outside trial site under overhead irrigation. Plants were given soluble fertiliser as required. No fungicides were used during the trial period. Snail bait was applied at regular intervals and RLEM was controlled with Astound in the first year of the trial. Weeds were controlled by hand.
Trial Design	Randomised block, 5 treatments, 8 replicates, 12 plants per plot.
Measurements	Ninety-six plants of each variety were grown and measured.
RHS Chart - edition	N/A.

Origin and Breeding

5 cycles of recurrent phenotypic selection for vigour, anthocyanin leaf marking, winter activity and a strong leaf crescent and 7 cycles of natural selection in the field. Cross-pollination of selections occurred in isolation. 'Kuratas' was developed from breeding line 'Townsend' donated by Dr. C E Townsend through the USDA North East Regional Plant Introduction Station, Geneva, New York, USA June 1986. Held by the Department of Primary Industries, Water and Environment, Mt. Pleasant Laboratories, Launceston, TAS as accession Tas 389. In 1993 60 plants were selected for seedling vigour and grown in field plots at Mt. Pleasant Laboratories, Launceston. In 1997 after 4 years of natural selection in the field, seed was harvested from surviving plants. In 1998 3500 plants were established at University of Tasmania Research Farm, Cambridge in perennial legume trial plots. In 2001 after 3 years of natural selection in the field, 20 of the surviving plants were selected from Cambridge trial for survival, vigour and anthocyanin leaf marking and transplanted into pots and grown in isolation at Mt. Pleasant Laboratories. In 2002 3 plants were selected having gone through the following selection process: 20 plants were selected for strong leaf crescent and re-selected for anthocyanin pigmentation. Those plants that did not show resistance to mildew were removed and from those that remained 3 plants were selected for winter activity. The plants were inter-pollinated in isolation at Mt Pleasant Laboratories. In 2003 the 4th phenotypic selection was carried out with 320 seedlings

grown. Selection was made for vigour, anthocyanin pigmentation, winter activity and a strong leaf crescent, 60 were plants retained and inter-pollinated in isolation. In 2004 the 5th phenotypic selection was carried out. 640 seedlings were grown and re-selection was carried out for vigour, strong leaf crescent, winter activity and anthocyanin pigmentation. Off-types removed. Mode of propagation: seed.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	hexaploid

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Endura'	Hexaploid.
'Rhizo'	Hexaploid.
'Tas 389'	Parent material.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Kuratas'	'Endura'	'Rhizo'	'Tas 389'
<input type="checkbox"/> Plant: ploidy	hexaploid	hexaploid	hexaploid	hexaploid
<input checked="" type="checkbox"/> Plant: number of daughter plants in first year	very low to low	medium	high	low
<input checked="" type="checkbox"/> Plant: tendency to flower in first year	medium	strong	weak	strong
<input checked="" type="checkbox"/> Plant: winter activity	very strong	weak	weak	weak
<input checked="" type="checkbox"/> Plant: time of flowering (when 1 head per plant has 1 corolla fully open)	early	late	late	early to medium
<input checked="" type="checkbox"/> Plant: growth habit at time of flowering	medium	medium	semi-erect	medium to semi-erect
<input checked="" type="checkbox"/> Plant: daughter plants at flowering	medium	medium to high	high	medium to high
<input type="checkbox"/> Stem: length (longest stem at flowering, includes inflorescence)	long	medium to long	medium to long	medium to long
<input checked="" type="checkbox"/> Stem: number of flowering stems/plant (42 days after mean flowering date)	low	medium	medium	high
<input type="checkbox"/> Stem: number of flowers per stem (longest flowering stem, 42 days after mean flowering date)	high	medium	medium	medium
<input checked="" type="checkbox"/> Stem: diameter (midway between 2nd and 3rd node counted from tip)	broad	medium	medium	broad
<input checked="" type="checkbox"/> Inflorescence: colour	white to pale pink	white	white	white
<input checked="" type="checkbox"/> Inflorescence: pinkish colouration of corolla	medium to strong	weak	weak	medium

☑ Inflorescence: number per plant (42 days after mean flowering date of variety)	medium	medium to high	medium to high	high
☑ Inflorescence: peduncle length (base of inflorescence to stem)	long to very long	medium	medium to long	medium to long
☑ Inflorescence: rachis length	long	long	medium to long	medium
☑ Leaf: length of medial leaflet (longest flowering stem, 3rd expanded leaf from tip)	medium	short	short	medium
☑ Leaf: width of medial leaflet (longest flowering stem, 3rd expanded leaf from tip)	medium	narrow	narrow	medium
☑ Leaf: petiole length (base of trifoliolate to stem, longest flowering stem, 3rd expanded leaf from tip)	long	short	medium	medium
☑ Leaf: degree of anthocyanin flecking	very strong	absent or very weak	absent or very weak	absent or very weak
☑ Leaf: position of anthocyanin flecking	on both sides	predominately upper surface		predominately upper surface
☑ Leaf: intensity of leaf crescent	strong to very strong	medium to strong	strong to very strong	strong
☑ Seed: 1000 seed weight	medium	low	low	medium

Statistical Table

Organ/Plant Part: Context	'Kuratas'	'Endura'	'Rhizo'	'Tas 389'
☑ Plant: number of flowering stems per plant				
Mean	18.26	25.64	27.83	32.46
Std. Deviation	2.74	3.76	6.32	1.99
LSD/sig	5.25	P≤0.01	P≤0.01	P≤0.01
☑ Inflorescence: number per plant				
Mean	48.48	55.71	58.66	68.3
Std. Deviation	4.74	7.58	12.62	7.03
LSD/sig	12.62	ns	ns	P≤0.01
☑ Inflorescence: peduncle length				
Mean	115.27	79.65	94.91	91.34
Std. Deviation	14.61	13.74	7.31	19.40
LSD/sig	18.44	P≤0.01	P≤0.01	P≤0.01
☑ Leaf: length of medial leaflet				
Mean	45.01	39.66	40.68	44.43
Std. Deviation	2.33	1.40	2.76	2.72
LSD/sig	3.78	P≤0.01	P≤0.01	ns
☑ Leaf: width of medial leaflet				
Mean	22.13	18.85	18.82	21.27
Std. Deviation	1.17	0.73	1.18	1.35

LSD/sig	1.97	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Seed: 1000 weight				
Mean	2.51	2.15	2.09	2.45
Std. Deviation	0.05	0.06	0.08	0.06
LSD/sig	0.19	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: petiole length				
Mean	58.33	28.06	43.26	42.89
Std. Deviation	9.37	7.06	9.71	8.75
LSD/sig	15.34	P≤0.01	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Andrea Hurst** and **Eric Hall**, Tasmanian Institute of Agricultural Research, Kings Meadows, TAS.

Details of Application

Application Number	2006/122
Variety Name	'DP 408 BGII'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	29 Jun 2006
Applicant	Deltapine Australia Pty Ltd, Narrabri, NSW
Agent	N/A
Qualified Person	Richard Leske

Details of Comparative Trial

Location	
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6.
Period	Field trial grown during the summer of 2006/07.
Conditions	Field Trial Conditions: Plants grown from seed, each variety grown on 1m row spacing x 12m plot length, commercial rates of fertiliser, herbicides and insecticides applied as required, trial fully irrigated. GMO Bio-assay conditions: leaf disc samples removed from small plants and ground in centrifuge tubes with extraction buffer, test strips impregnated with antibodies added to detect for the presence or absence of the Cry 1A(c) and Cry IIAb Bt proteins and the RR herbicide protein.
Trial Design	Randomised complete block with 10 replicates per variety.
Measurements	Field trial: morphological plant characteristics measured from 10 non-tipped plants per replicate, one measurement per plant. Fibre quality samples picked from a 1.5m section of each row in each replicate and analysed by HVI instrument testing. GMO bio-assay: leaf disc samples removed from 5 plants per replicate and tested for the presence or absence of the Cry 1A(c) and Cry IIAb Bt proteins and for the absence of RR herbicide protein.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: seed parent 'DeltaEMERALD' crossed with pollen parent 'DP 50BX' followed by 3 backcross cycles to the recurrent parent 'DeltaEMERALD'. The seed parent is the non GMO conventional recurrent parent variety and the pollen parent is used to introduce the transgenic Cry 1A(c) and Cry2Ab Bt insect tolerance genes. Hybridisation took place in Deltapine Australia's greenhouse located at Locharba, Narrabri, NSW. Single plants were selected under field conditions at Locharba in the F3 generation. Progeny rows were selected in the F4 generation and the final selection was tested in replicated yield and fibre quality trials from 2003/05. Selection criteria included expression of the Cry1A(c) and Cry IIA Bt traits, disease tolerance to bacterial blight and yield and fibre quality. Propagation: by seed. Breeders: Richard Leske and Gerard Lonergan, Deltapine Australia Pty. Ltd, Locharba, Narrabri, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Expression of Cry1A(c) Bt protein	presence/absence	present
Expression of CryIIAb Bt protein	presence/absence	present
Expression of RR herbicide tolerance trait	presence/absence	absent
Bacterial blight disease resistance	resistant/susceptible	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DeltaEMERALD'	Recurrent parent
'DP 570BGII'	'Bollgard II' variety developed from the backcross 2 generation of the same cross.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'NuEMERALD RR'	Expression of Cry IIAb protein	presence/absence	absent
'NuEMERALD'	Expression of Cry IIAb protein	presence/absence	absent
'DP 50BX'	Bacterial Blight disease	resistance/susceptibility	resistant/susceptible
'NuEMERALD RR'	Expression of RR herbicide tolerance gene	presence/absence	absent/present
'DP 510RR'	Expression of Cry 1A(c) protein	presence/absence	present/absent
'DP 510RR'	Expression of Cry IIAb protein	presence/absence	present/absent
'DP 510RR'	Expression of RR herbicide tolerance gene	presence/absence	absent/present

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'DP 408 BGII'	'DeltaEMERALD'	'DP 570BGII'
<input type="checkbox"/> *Flower: colour of petal	cream	cream	cream
<input type="checkbox"/> *Flower: colour of pollen	cream	cream	cream
<input type="checkbox"/> Fruiting branch: length	medium	medium	medium to long

<input type="checkbox"/>	*Plant: type of flowering	semi-clustered	semi-clustered	semi-clustered
<input type="checkbox"/>	Fruiting branch: average internode length	medium	medium to long	medium
<input type="checkbox"/>	Plant: number of nodes to the lowest fruiting branch	low to medium	low to medium	low to medium
<input type="checkbox"/>	*Leaf: shape	palmate	palmate	palmate
<input type="checkbox"/>	Leaf: size	medium	medium to large	medium to large
<input type="checkbox"/>	*Leaf: pubescence	very weak to weak	very weak to weak	very weak to weak
<input type="checkbox"/>	*Leaf: nectaries	present	present	present
<input type="checkbox"/>	Bract: size	medium to large	medium to large	medium to large
<input type="checkbox"/>	Boll: size	medium	medium to large	medium
<input type="checkbox"/>	*Boll: shape in longitudinal section	elliptical	elliptical	elliptical
<input type="checkbox"/>	*Boll: length of peduncle	short to medium	short to medium	short to medium
<input type="checkbox"/>	Boll: prominence of tip	weak to medium	weak to medium	very weak to weak
<input type="checkbox"/>	*Plant: shape	cylindrical	cylindrical	cylindrical
<input type="checkbox"/>	Plant: density of foliage	dense	dense	dense
<input type="checkbox"/>	*Plant: height	medium to tall	tall	tall
<input type="checkbox"/>	*Boll: time of opening	medium to late	late	late
<input type="checkbox"/>	Boll: degree of opening	medium to strong	medium to strong	strong
<input type="checkbox"/>	*Seed: presence of fuzz	present	present	present
<input type="checkbox"/>	Boll: content of lint	medium	medium	medium
<input type="checkbox"/>	*Fibre: length	medium to long	medium to long	medium to long
<input type="checkbox"/>	Fibre: strength	strong	medium to strong	strong
<input type="checkbox"/>	Fibre: length uniformity	high	medium to high	high

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'DP 408 BGII'	'DeltaEMERALD'	'DP 570BGII'
<input type="checkbox"/> Plant: bacterial blight resistance	resistant	resistant	resistant
<input checked="" type="checkbox"/> Plant: expression of Cry1A(c) Bt protein	present	absent	present
<input checked="" type="checkbox"/> Plant: expression of CryIIA Bt protein	present	absent	present
<input type="checkbox"/> Plant: tolerance to glyphosate herbicide	absent	absent	absent
<input type="checkbox"/> Gossypol glands: presence	present	present	present

<input type="checkbox"/>	Leaf: presence of nectaries	present	present	present
<input type="checkbox"/>	Herbicide effect: plant death	plants dead	plants dead	plants dead

Statistical Table

Organ/Plant Part: Context	'DP 408 BGII'	'DeltaEMERALD'	'DP 570BGII'
<input checked="" type="checkbox"/> Leaf: width (cm)			
Mean	13.92		15.16
Std. Deviation	0.53		0.63
LSD/sig	0.65		P≤0.01
<input checked="" type="checkbox"/> Leaf: length (cm)			
Mean	10.69		11.52
Std. Deviation	0.49		0.77
LSD/sig	0.34		P≤0.01
<input checked="" type="checkbox"/> Fruiting branch: length to 1st boll (cm)			
Mean	11.27		13.37
Std. Deviation	1.19		1.48
LSD/sig	1.45		P≤0.01
<input type="checkbox"/> Fruiting branch: length 1st to 2nd boll (cm)			
Mean	9.89		9.96
Std. Deviation	1.52		1.44
LSD/sig	2.01		ns
<input type="checkbox"/> Bract: length (cm)			
Mean	4.93		4.99
Std. Deviation	0.25		0.23
LSD/sig	0.19		ns
<input type="checkbox"/> Bract: width (cm)			
Mean	2.86		3.06
Std. Deviation	0.31		0.08
LSD/sig	0.26		ns
<input type="checkbox"/> Peduncle: length (cm)			
Mean	2.99		3.28
Std. Deviation	0.25		0.36
LSD/sig	0.31		ns
<input type="checkbox"/> Boll: length (cm)			
Mean	4.62		4.72
Std. Deviation	0.11		0.11
LSD/sig	0.13		ns
<input type="checkbox"/> Boll: width (cm)			
Mean	3.29		3.20
Std. Deviation	0.07		0.08
LSD/sig	0.098		ns
<input type="checkbox"/> Vegetative nodes: number			
Mean	7.20		7.44
Std. Deviation	0.42		0.81

LSD/sig	0.54	ns
<input type="checkbox"/> Boll: content of lint (%)		
Mean	0.42	0.42
Std. Deviation	0.01	0.01
LSD/sig	.012	ns
<input type="checkbox"/> Fibre: micronaire		
Mean	4.60	4.61
Std. Deviation	0.35	0.34
LSD/sig	0.188	ns
<input type="checkbox"/> Fibre: length (in)		
Mean	1.20	1.20
Std. Deviation	0.03	0.02
LSD/sig	0.022	ns
<input type="checkbox"/> Fibre: uniformity		
Mean	84.04	84.13
Std. Deviation	1.20	0.76
LSD/sig	0.78	ns
<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	33.33	33.65
Std. Deviation	1.03	2.86
LSD/sig	2.31	ns
<input type="checkbox"/> Fibre: elongation		
Mean	11.00	11.42
Std. Deviation	0.67	0.63
LSD/sig	0.72	ns
<input type="checkbox"/> Plant: height (cm)		
Mean	117.39	123.64
Std. Deviation	5.62	6.19
LSD/sig	8.08	ns

Prior Applications and Sales

Prior applications nil. First sold in Australia in Aug 2005.

Description: **Richard Leske**, Deltapine Australia Pty Ltd, Narrabri, NSW.

Details of Application

Application Number	2006/123
Variety Name	'DP 611 BGII/RR'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	29 Jun 2006
Applicant	Deltapine Australia Pty Ltd, Narrabri, NSW
Agent	N/A
Qualified Person	Richard Leske

Details of Comparative Trial

Location	Locharba, Narrabri, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6.
Period	Field trial grown during the summer of 2006/07.
Conditions	Field trial conditions: plants grown from seed, each variety grown on 1m row spacing x 12m plot length, commercial rates of fertiliser, herbicides and insecticides applied as required, trial fully irrigated. GMO Bio-assay conditions: leaf disc samples removed from small plants and ground in centrifuge tubes with extraction buffer, test strips impregnated with antibodies added to detect the presence or absence of the Cry 1A(c) and Cry IIAb Bt proteins and the RR herbicide protein.
Trial Design	Randomised complete block with 10 replicates per variety.
Measurements	Field trial: morphological plant characteristics measured from 10 non-tipped plants per replicate, one measurement per plant. Fibre quality samples picked from a 1.5m section of each row in each replicate and analysed by HVI instrument testing. GMO bio-assay: leaf disc samples removed from 5 plants per replicate and tested for the presence or absence of the Cry 1A(c) and Cry IIAb Bt proteins and the RR herbicide protein.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: F1 seed parent ('DeltaPEARL' x 'DP 50 BX') crossed with F1 pollen parent ('DeltaPEARL' x 'DP 555 BG/RR') followed by 2 backcross cycles to the recurrent parent 'DeltaPEARL'. The seed parent is used to introduce the transgenic Cry IIAb insect tolerance gene and the pollen parent is used to introduce the transgenic Cry 1A(c) insect tolerance gene and the Roundup Ready herbicide tolerance gene. Hybridisation took place in Deltapine Australia's greenhouse located at Locharba, Narrabri, NSW. Single plants were selected under field conditions at Locharba in F3 generation. Progeny rows were selected in the F4 generation and the final selection was tested in replicated yield and fibre quality trials from 2002/05. Selection criteria included expression of the Cry1A(c) and Cry IIA Bt traits, expression of the Roundup Ready herbicide trait, disease tolerance to bacterial blight and yield and fibre quality. Propagation: by seed. Breeders: Richard Leske and Gerard Lonergan, Deltapine Australia Pty. Ltd, Locharba, Narrabri, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Expression of Cry1A(c) Bt protein	presence/absence	present
Expression of CryIIAb Bt protein	presence/absence	present
Expression of RR herbicide tolerance trait	presence/absence	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DeltaPEARL'	Recurrent parent.
'DP 50BX'	Cry IIAb donor.
'NuPEARL'	Cry 1A(c)only variety developed from 'DeltaPEARL'.
'DP 555 BG/RR'	Cry 1A(c)& RR donor parent.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'NuPEARL'	Expression of RR herbicide tolerance	presence/absence present	absent

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'DP 611 BGII/RR'	'DeltaPEARL'	'DP 50BX'	'DP 555 BG/RR'
<input type="checkbox"/> *Flower: colour of petal	cream	cream	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak			
<input type="checkbox"/> *Flower: colour of pollen	cream	cream	cream	cream
<input type="checkbox"/> Fruiting branch: length	medium to long	medium to long		long
<input checked="" type="checkbox"/> *Plant: type of flowering	non-clustered	semi-clustered	semi-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	medium			medium to long
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	low to medium			low to medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate	palmate	palmate
<input type="checkbox"/> Leaf: size	medium			medium
<input type="checkbox"/> *Leaf: pubescence	very weak to weak	very weak to weak	very weak to weak	absent or very weak
<input type="checkbox"/> *Leaf: nectaries	present	present	present	present
<input type="checkbox"/> Stem: pubescence in upper part	weak to medium			

<input type="checkbox"/>	Bract: size	medium			medium
<input type="checkbox"/>	Boll: size	small to medium			medium
<input type="checkbox"/>	*Boll: shape in longitudinal section	elliptical	elliptical	elliptical	elliptical
<input type="checkbox"/>	*Boll: length of peduncle	short to medium	short to medium	short to medium	short to medium
<input type="checkbox"/>	Boll: prominence of tip	weak to medium			very weak to weak
<input type="checkbox"/>	*Plant: shape	cylindrical	cylindrical	cylindrical	cylindrical
<input type="checkbox"/>	Plant: density of foliage	dense			medium to dense
<input type="checkbox"/>	*Plant: height	tall to very tall	tall	medium to tall	tall to very tall
<input type="checkbox"/>	*Boll: time of opening	late to very late	late	late	late to very late
<input type="checkbox"/>	Boll: degree of opening	strong	strong to very strong		strong
<input type="checkbox"/>	*Seed: presence of fuzz	present	present	present	present
<input type="checkbox"/>	Boll: content of lint	high	medium to high		high to very high
<input type="checkbox"/>	*Fibre: length	medium to long	medium	medium	medium
<input type="checkbox"/>	Fibre: strength	medium to strong	medium		medium
<input type="checkbox"/>	Fibre: length uniformity	medium to high	medium		medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'DP 611 BGII/RR'	'DeltaPEARL'	'DP 50BX'	'DP 555 BG/RR'
<input checked="" type="checkbox"/> Plant: bacterial blight resistance	resistant	resistant	susceptible	resistant
<input checked="" type="checkbox"/> Plant: expression of Cry1A(c) Bt protein	present	absent	present	present
<input checked="" type="checkbox"/> Plant: expression of CryIIA Bt protein	present	absent	present	absent
<input checked="" type="checkbox"/> Plant: tolerance to glyphosate herbicide	present	absent	absent	present
<input type="checkbox"/> Gossypol glands: presence	present	present	present	present
<input type="checkbox"/> Leaf: presence of nectaries	present	present	present	present
<input checked="" type="checkbox"/> Herbicide effect: plant death	plants alive	plants dead	plants dead	plants alive

Prior Applications and Sales

Prior applications nil. First sold in Australia in Aug 2005.

Description: **Richard Leske**, Deltapine Australia Pty Ltd, Narrabri, NSW.

Details of Application

Application Number	2007/286
Variety Name	'Sicot 75'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	16 Nov 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6.
Period	2007/08 summer.
Conditions	Field grown irrigated trial with conventional management.
Trial Design	10 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent line 98030F2 x pollen parent line 97006F3 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line 98030F2 is distinguished from 'Sicot 75' by its shorter fibre length. The pollen parent line 97006F3 is distinguished from 'Sicot 75' by its lower lint proportion. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, verticillium and Fusarium wilt, leaf hair, lint %, fibre quality and yield. Breeder: Mr Peter Reid, CSIRO, Narrabri, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Disease resistance	bacterial blight	resistant
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	medium to tall
Disease resistance	verticillium wilt	resistant
Disease resistance	Fusarium wilt	medium resistance

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 71'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Sicot 75'	'Sicot 71'
<input type="checkbox"/> *Flower: colour of petal	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input type="checkbox"/> Fruiting branch: length	medium	medium
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	medium	medium
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present
<input type="checkbox"/> Boll: size	medium	medium
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine
<input checked="" type="checkbox"/> *Boll: length of peduncle	short to medium	medium
<input type="checkbox"/> *Plant: shape	conical	conical
<input type="checkbox"/> *Plant: height	medium to tall	medium to tall
<input type="checkbox"/> *Boll: time of opening	medium to late	medium to late
<input type="checkbox"/> *Seed: presence of fuzz	present	present
<input type="checkbox"/> Boll: content of lint	high to very high	high to very high
<input checked="" type="checkbox"/> *Fibre: length	long	medium
<input type="checkbox"/> Fibre: strength	medium to strong	medium to strong
<input type="checkbox"/> Fibre: fineness	medium	medium
<input type="checkbox"/> Fibre: colour	white	white

Statistical Table

Organ/Plant Part: Context	'Sicot 75'	'Sicot 71'
<input type="checkbox"/> Plant: height (cm)		
Mean	112.00	114.40
Std. Deviation	9.70	10.60

LSD/sig	7.2	ns
<input type="checkbox"/> Plant: distance to first fruiting branch (cm)		
Mean	20.90	22.00
Std. Deviation	1.34	1.31
LSD/sig	1.68	ns
<input type="checkbox"/> Plant: nodes to first fruiting branch		
Mean	6.70	6.80
Std. Deviation	0.26	0.15
LSD/sig	0.27	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	92.30	94.60
Std. Deviation	17.60	29.10
LSD/sig	26.7	ns
<input checked="" type="checkbox"/> Peduncle: length (mm)		
Mean	24.10	32.00
Std. Deviation	5.16	9.20
LSD/sig	4.5	P≤0.01
<input checked="" type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	3.70	1.90
Std. Deviation	0.50	0.68
LSD/sig	0.73	P≤0.01
<input type="checkbox"/> Boll: lint proportion (%)		
Mean	46.60	47.00
Std. Deviation	1.44	1.44
LSD/sig	1.1	ns
<input type="checkbox"/> Boll: seed index		
Mean	9.40	10.60
Std. Deviation	0.52	0.29
LSD/sig	0.55	ns
<input type="checkbox"/> Boll: lint index		
Mean	8.20	9.40
Std. Deviation	0.60	0.41
LSD/sig	0.45	P≤0.01
<input type="checkbox"/> Boll: number of seeds		
Mean	29.30	28.40
Std. Deviation	1.66	0.70
LSD/sig	1.6	ns
<input type="checkbox"/> Boll: weight (g)		
Mean	5.20	5.70
Std. Deviation	0.24	0.14
LSD/sig	0.34	ns
<input type="checkbox"/> Fibre: length (mm)		
Mean	32.77	30.23
Std. Deviation	0.76	0.51
LSD/sig	0.76	P≤0.01

<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	86.50	86.10
Std. Deviation	1.44	0.99
LSD/sig	1.42	ns
<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	29.90	29.70
Std. Deviation	0.85	1.64
LSD/sig	1.54	ns
<input type="checkbox"/> Fibre: extension (%)		
Mean	4.29	4.33
Std. Deviation	0.14	0.05
LSD/sig	0.16	ns
<input type="checkbox"/> Fibre: micronaire		
Mean	3.98	4.18
Std. Deviation	0.25	0.34
LSD/sig	0.28	ns

Prior Applications and Sales

Prior applications nil. First sold in Australia in Sep 2007

Description: **Warwick Stiller**, Australian Cotton Research Institute (ACRI), Narrabri, NSW.

Details of Application

Application Number	2007/285
Variety Name	'Sicot 71BRF'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	16 Nov 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6.
Period	2007/08 summer.
Conditions	Field grown irrigated trial with conventional management.
Trial Design	10 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent line 'Sicot 71B' x pollen parent line 63613F1 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line 'Sicot 71B' is distinguished from 'Sicot 71BRF' by its lack of CP4 protein expression (Roundup Ready Flex gene). The pollen parent line 63613F1 is distinguished from 'Sicot 71BRF' by its segregation for CP4 protein expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: Cry1Ac, Cry2Ab and Roundup Ready Flex genes, plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint %, fibre quality and yield. Breeders: Mr Peter Reid, Dr Warwick Stiller and Dr Greg Constable, CSIRO, Narrabri, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	medium
Plant	Cry 1Ac protein expression	present
Plant	Cry2Ab protein expression	present
Plant	CP4 protein expression	present
Disease resistance	bacterial blight	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicala 60BRF'	
'Sicot 71BR'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Sicot 71BRF'	'Sicala 60BRF'	'Sicot 71BR'
<input type="checkbox"/> *Flower: colour of petal	cream	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above	above
<input checked="" type="checkbox"/> Fruiting branch: length	short to medium	medium	medium
<input checked="" type="checkbox"/> *Plant: type of flowering	semi-clustered	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	short to medium	medium	medium
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present	present
<input type="checkbox"/> Boll: size	medium	medium	medium
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	medium	medium	medium
<input type="checkbox"/> *Plant: shape	conical	conical	conical
<input type="checkbox"/> *Plant: height	medium	medium	medium
<input type="checkbox"/> *Boll: time of opening	medium to late	medium	medium to late
<input type="checkbox"/> *Seed: presence of fuzz	present	present	present
<input type="checkbox"/> Boll: content of lint	high	medium to high	high
<input checked="" type="checkbox"/> *Fibre: length	medium to long	medium to long	medium
<input checked="" type="checkbox"/> Fibre: strength	medium to strong	strong	medium to strong
<input type="checkbox"/> Fibre: fineness	medium	medium	medium
<input type="checkbox"/> Fibre: colour	white	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sicot 71BRF’	‘Sicala 60BRF’	‘Sicot 71BR’
<input type="checkbox"/> Plant: Cry1Ac protein expression	present	present	present
<input type="checkbox"/> Plant: Cry2Ab protein expression	present	present	present
<input type="checkbox"/> Plant: CP4 protein expression	present	present	present
<input checked="" type="checkbox"/> Pollen: sterility after glyphosate application	absent	absent	present
<input checked="" type="checkbox"/> Boll: development after glyphosate application	present	present	absent

Statistical Table

Organ/Plant Part: Context	‘Sicot 71BRF’	‘Sicala 60BRF’	‘Sicot 71BR’
<input type="checkbox"/> Plant: height (cm)			
Mean	106.40	106.90	107.60
Std. Deviation	7.00	9.40	8.90
LSD/sig	7.2	ns	ns
<input checked="" type="checkbox"/> Plant: nodes to first fruiting branch			
Mean	7.20	7.30	6.90
Std. Deviation	0.18	0.18	0.16
LSD/sig	0.27	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: distance to first fruiting branch (cm)			
Mean	23.40	21.60	22.80
Std. Deviation	1.18	0.84	1.89
LSD/sig	1.68	P≤0.01	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)			
Mean	78.40	93.20	97.40
Std. Deviation	26.40	27.10	31.60
LSD/sig	26.7	ns	ns
<input type="checkbox"/> Fibre: extension (%)			
Mean	4.10	4.10	4.37
Std. Deviation	0.12	0.06	0.19
LSD/sig	0.16	ns	ns
<input type="checkbox"/> Fibre: micronaire			
Mean	4.03	3.85	4.22
Std. Deviation	0.18	0.15	0.44
LSD/sig	0.28	ns	ns
<input type="checkbox"/> Peduncle: length (mm)			
Mean	30.70	30.90	28.80
Std. Deviation	7.02	8.08	7.92
LSD/sig	4.5	ns	ns
<input checked="" type="checkbox"/> Stigma: distance above stamens (mm)			
Mean	1.50	4.20	2.40
Std. Deviation	0.49	0.73	0.70
LSD/sig	0.73	P≤0.01	P≤0.01

<input checked="" type="checkbox"/>	Boll: lint proportion (%)			
	Mean	45.50	42.90	44.60
	Std. Deviation	1.26	1.46	1.27
	LSD/sig	1.1	P≤0.01	ns
<input checked="" type="checkbox"/>	Boll: seed index			
	Mean	10.30	11.20	10.10
	Std. Deviation	0.43	0.42	0.46
	LSD/sig	0.55	P≤0.01	ns
<input type="checkbox"/>	Boll: lint index			
	Mean	8.60	8.40	8.20
	Std. Deviation	0.28	0.58	0.50
	LSD/sig	0.45	ns	ns
<input checked="" type="checkbox"/>	Boll: number of seeds			
	Mean	26.50	27.30	28.70
	Std. Deviation	0.90	2.60	0.92
	LSD/sig	1.6	ns	P≤0.01
<input type="checkbox"/>	Boll: weight (g)			
	Mean	5.00	5.30	5.30
	Std. Deviation	0.25	0.56	0.22
	LSD/sig	0.34	ns	ns
<input checked="" type="checkbox"/>	Fibre: length (mm)			
	Mean	31.80	31.50	30.23
	Std. Deviation	0.25	0.76	0.76
	LSD/sig	0.76	ns	P≤0.01
<input type="checkbox"/>	Fibre: length uniformity (%)			
	Mean	85.70	87.00	84.90
	Std. Deviation	1.27	1.19	0.71
	LSD/sig	1.42	P≤0.01	ns
<input checked="" type="checkbox"/>	Fibre: strength (g/tex)			
	Mean	29.50	31.10	29.10
	Std. Deviation	1.16	1.44	1.38
	LSD/sig	1.54	P≤0.01	ns

Prior Applications and Sales

Nil.

Description: **Warwick Stiller**, Australian Cotton Research Institute (ACRI), Narrabri, NSW.

Details of Application

Application Number	2007/284
Variety Name	'BlackStallion'
Genus Species	<i>Vigna unguiculata</i>
Common Name	Cowpea
Synonym	Nil
Accepted Date	22 Nov 2007
Applicant	B.W. Algate & Co Pty Ltd trading as J.W. Koek & Company, Blue Ribbon Seed & Pulse Exporters Pty Ltd & Champion Seeds Pty Ltd
Agent	N/A
Qualified Person	Donald S. Loch

Details of Comparative Trial

Location	Cleveland, QLD (27°32'S, 153°15'E).
Descriptor	Cowpea (<i>Vigna unguiculata</i>) PBR COWP.
Period	16 Feb – 27 May 2008.
Conditions	Seeds sown on 16 Feb 2008 in 40 x 40mm tubes (one seedling per tube); watered with a slurry of cowpea inoculant. Seedlings planted out on a red volcanic (ferrosol) soil on 5-6 Mar 2008 arranged in plots each consisting of 3 rows with 7 seedlings per row; plants not defoliated; weed control by pre-plant-incorporated trifluralin (Trifluralin) @ 2.1 L/ha plus subsequent manual roguing; 571 kg pre-plant Q5 mixed fertiliser (N:P:K:S = 5.3:5.8:5.0:13.3) applied and incorporated on 5 Mar 2008, giving 30.3 kg N, 33.1 kg P, 28.6 kg K, and 76.0 kg S per hectare. Sprayed to control aphids and cutworms with pirimicarb (Piramor WG) + chlorpyrifos (Lorsban 500EC) on 19 Mar 2008. Sprayed to protect flowers and pods with thiodicarb (Larvin 375) + dimethoate (Dimethoate) + imidacloprid (Spectrum 200SC) on 23 April, 10 May and 25 May 2008.
Trial Design	Individual plots consisted of 3 rows (a central datum row surrounded by a guard row on either side) each with 7 plants, including 2 guard plants at the outer ends of the central datum row. Measurements were taken from sixty (60) spaced plants of each cultivar ('BlackStallion', 'Ebony PR') arranged in twelve (12) randomised blocks with five (5) plants per plot located in the central datum row; 50 cm plant spacing within and between plot rows; 1.5 m between plots.
Measurements	Numbers of lateral branches were counted on each of the 60 datum plants on 15 Apr 2008; date of first flowering on each plant was determined progressively (6-24 Apr 2008); leaf characteristics were measured on 24 Apr 2008 (one trifoliate leaf per plant sampled from the 5th visible node below the apex of the main stem); flowers (standard petal width) measured on 23 Apr 2008 ('BlackStallion') and 27 Apr 2008 ('Ebony PR'); inflorescence, pod and seed measurements were taken 27 May 2008 (one inflorescence and 2 pods per plant).

RHS Chart - edition 2001 edition.

Origin and Breeding

Spontaneous mutation: identified by the breeder as a single black seed in a sample of 'Red Caloona' cowpea in 2000. He propagated this genotype repeatedly for 4 years on his own property at Burbank (QLD) to confirm its characteristics and genetic stability. Seed multiplication of 'BlackStallion' began in 2005 on Biloela Research Station, QLD, with 2 crops to date further confirming the genetic stability of this new cultivar. Relative to other cowpea cultivars, 'BlackStallion' is a dual-purpose type, producing both high forage yields and high seed yields. Its black seeds store well and are also attractive to culinary markets seeking different flavours. Breeder: Brian Algate, Burbank, QLD.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	black
Seed	colour of eye	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ebony PR'	Seed black with a white eye

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Red Caloona'	Seed colour	black with a white eye	seed greyed-orange
'Buff Caloona'	Seed colour	black with a white eye	seed greyed-orange (lighter in colour than 'Red Caloona')
'Big Buff'	Seed colour	black with a white eye	seed greyed-orange (lighter in colour than 'Red Caloona')
'Holstein'	Seed colour	black with a white eye	black and white in a 'Holstein' pattern
'Banjo'	Seed colour	black with a white eye	white with a black eye

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'BlackStallion'	'Ebony PR'
<input checked="" type="checkbox"/> Plant: growth habit	upright	spreading
<input type="checkbox"/> Plant: growth type	indeterminate	indeterminate
<input type="checkbox"/> Plant: twining tendency	present	present
<input checked="" type="checkbox"/> Plant: degree of twining	medium	strong to very strong
<input type="checkbox"/> Petiole: anthocyanin colouration at point of attachment of leaf	present	present
<input type="checkbox"/> Petiole: anthocyanin colouration at point of attachment of stem	present	present

<input type="checkbox"/>	Terminal leaflet: shape of blade	deltoid	ovate
<input checked="" type="checkbox"/>	Terminal leaflet: length	medium	long
<input checked="" type="checkbox"/>	Terminal leaflet: width	medium	broad
<input checked="" type="checkbox"/>	Leaf: intensity of green colour of upper side	dark	medium
<input checked="" type="checkbox"/>	Plant: days to flower	54	64
<input checked="" type="checkbox"/>	Inflorescence: position relative to canopy	level	above
<input type="checkbox"/>	Inflorescence: standard petal colour (freshly open flower) -	85A	85B
RHS			
<input type="checkbox"/>	Standard petal: width	medium	medium
<input checked="" type="checkbox"/>	Peduncle: length	medium	long
<input checked="" type="checkbox"/>	Immature pod: anthocyanin colouration	absent	present
<input type="checkbox"/>	Mature pod: attitude	pendulous	pendulous
<input type="checkbox"/>	Mature pod: curvature	slightly curved	slightly curved
<input checked="" type="checkbox"/>	Mature pod: length	short	long
<input checked="" type="checkbox"/>	Mature pod: maximum width	narrow	broad
<input checked="" type="checkbox"/>	Mature pod: thickness of wall	thin	medium
<input type="checkbox"/>	Mature pod: shattering	absent	absent
<input checked="" type="checkbox"/>	Mature pod: colour (exposed to sun) -RHS	164B/199A	159A
<input type="checkbox"/>	Mature pod: pubescence	present	present
<input checked="" type="checkbox"/>	Mature pod: number of seeds	few	many
<input type="checkbox"/>	Seed: shape	rhomboid	rhomboid
<input type="checkbox"/>	Seed: colour	black	black
<input type="checkbox"/>	Seed: texture of testa	smooth	smooth
<input type="checkbox"/>	Seed: colour of eye	white	white
<input checked="" type="checkbox"/>	Seed: weight (100 seed wt.)	low	high
<input checked="" type="checkbox"/>	Plant: vigour	medium	strong
<input type="checkbox"/>	Leaf: markings	absent	absent
<input type="checkbox"/>	Leaf: texture	medium	medium
<input checked="" type="checkbox"/>	Plant: number of lateral branches (before canopy closure)	medium	high
Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context		‘BlackStallion’	‘Ebony PR’
<input checked="" type="checkbox"/>	Trifoliolate leaf: background colour	147A	146A

Statistical Table

Organ/Plant Part: Context	'BlackStallion'	'Ebony PR'
<input type="checkbox"/> Stem: number of lateral branches per plant 58 days after sowing		
Mean	4.15	6.03
Std. Deviation	1.40	0.99
LSD/sig	0.60	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: primary petiole length on trifoliolate leaf at 5th visible node below main stem apex (mm)		
Mean	76.02	123.17
Std. Deviation	15.18	29.83
LSD/sig	10.24	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: length of petiole subtending terminal leaflet on leaf at 5th visible node below main stem apex (mm)		
Mean	32.58	39.33
Std. Deviation	3.93	7.46
LSD/sig	2.92	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: length of terminal leaflet on leaf at 5th visible node below main stem apex (mm)		
Mean	98.93	115.62
Std. Deviation	7.98	15.84
LSD/sig	6.03	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: maximum width of terminal leaflet on leaf at 5th visible node below main stem apex (mm)		
Mean	67.57	89.27
Std. Deviation	7.50	12.86
LSD/sig	4.27	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: length/width ratio of terminal leaflet on leaf at 5th visible node below main stem apex (mm)		
Mean	1.47	1.30
Std. Deviation	0.10	0.09
LSD/sig	0.041	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: length of lateral leaflet on leaf at 5th visible node below main stem apex (mm)		
Mean	91.05	113.07
Std. Deviation	8.64	15.90
LSD/sig	5.75	P≤0.01
<input checked="" type="checkbox"/> Trifoliolate leaf: width of lateral leaflet on leaf at 5th visible node below main stem apex (mm)		
Mean	61.55	76.38
Std. Deviation	7.06	12.44
LSD/sig	4.38	P≤0.01
<input type="checkbox"/> Trifoliolate leaf: length/width ratio of lateral leaflet on leaf at 5th visible node below main stem apex		
Mean	1.49	1.49
Std. Deviation	0.09	0.10
LSD/sig	0.039	ns
<input checked="" type="checkbox"/> Flower: width of standard petal (mm)		

Mean	26.55	27.75
Std. Deviation	1.11	1.29
LSD/sig	0.58	P≤0.01
<input checked="" type="checkbox"/> Flower: days from sowing to first flowering (days)		
Mean	54.08	64.10
Std. Deviation	1.72	1.47
LSD/sig	0.81	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length of peduncle (mm)		
Mean	223.88	378.90
Std. Deviation	36.14	61.79
LSD/sig	25.77	P≤0.01
<input checked="" type="checkbox"/> Mature pod: length (mm)		
Mean	110.22	168.31
Std. Deviation	9.02	11.80
LSD/sig	4.66	P≤0.01
Means Separation		
<input checked="" type="checkbox"/> Mature pod: maximum width (mm)		
Mean	5.68	9.17
Std. Deviation	0.29	0.26
LSD/sig	0.13	P≤0.01
<input checked="" type="checkbox"/> Mature pod: number of seeds per pod		
Mean	11.21	15.98
Std. Deviation	1.40	1.60
LSD/sig	0.66	P≤0.01
<input checked="" type="checkbox"/> Seed: 100-seed weight (g)		
Mean	7.73	15.16
Std. Deviation	0.56	0.98
LSD/sig	0.40	P≤0.01

Prior Applications and Sales

Nil.

Description: **D.S. Loch**, Alexandra Hills, Qld 4161.

Details of Application

Application Number	2008/285
Variety Name	'BLUE VELVET'
Genus Species	<i>Eremophila nivea</i>
Common Name	Emu Bush
Synonym	Nil
Accepted Date	14 Oct 2008
Applicant	Humphris Nursery, Mooroolbark, VIC
Agent	Nil
Qualified Person	Shannon Williams

Details of Comparative Trial

Location	Humphris Nursery 218-220 Cardigan Road, Mooroolbark, VIC.
Descriptor	General Descriptor (for plant varieties with no descriptor available) (PBR GEN DES).
Period	Feb 2008 – Nov 2008.
Conditions	Jiffy pots of candidate potted into 200mm pots with a general mix consisting of 20grams 12-14 month Low P fertiliser per pot. Same was done with parent plant and VCK.
Trial Design	10 plants of each variety set out at random all grafted onto <i>Myoporum montana</i> .
Measurements	Measurements of each characteristic taken from each plant.
RHS Chart - edition	2007.

Origin and Breeding

Chance seedling identified in breeder's garden in 2000. The putative parent is *Eremophila nivea*. As the seedling grew and matured it displayed darker flowers, a more uniformed habit, grew slightly bigger than original Nivea whilst still maintaining its shape. It also displayed a resistance to rot. Selection criteria: No rot, maintaining shape while still displaying striking flowers. Propagation: asexual, grafted with no change for 5 generations. Breeder: Humphris Nursery, Mooroolbark, VIC.

Choice of Comparators

Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	bushy
Plant	width	medium
Flower	colour	violet
Flower	inner markings	present
Petals	simple or coherent	coherent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Nivea'	putative parent
'Beryls Blue'	closest variety

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Blue Velvet'	'Beryls Blue'	'Nivea'
<input type="checkbox"/> Plant: type	shrub	shrub	shrub
<input type="checkbox"/> Plant: growth habit	bushy	bushy	bushy
<input checked="" type="checkbox"/> Plant: size	medium to large	medium	small to medium
<input type="checkbox"/> Plant: height	medium to tall	medium	medium
<input type="checkbox"/> Plant: width	medium	medium	medium
<input type="checkbox"/> Plant: time of beginning of flowering	early to medium	early to medium	early to medium
<input type="checkbox"/> Plant: time of maturity	early to medium	early to medium	early to medium
<input type="checkbox"/> Stem: degree of hairiness	medium	medium to high	medium
<input type="checkbox"/> Stem: thorns, prickles, spines	absent	absent	absent
<input type="checkbox"/> Leaf: leaf type	simple	simple	simple
<input type="checkbox"/> Leaf: size	medium	small	small to medium
<input type="checkbox"/> Leaf: attitude	semi-erect	erect	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate	
<input type="checkbox"/> Leaf: length of blade	medium to long	short to medium	medium
<input type="checkbox"/> Leaf: width of blade	narrow	very narrow to narrow	narrow
<input type="checkbox"/> Leaf: shape	linear	linear	linear
<input type="checkbox"/> Leaf: shape of apex	obtuse	obtuse	obtuse
<input type="checkbox"/> Leaf: shape of base	truncate	truncate	truncate

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Blue Velvet'	'Beryls Blue'	'Nivea'
<input checked="" type="checkbox"/> Flower: outer colour	N87C	N88D	N82C
<input type="checkbox"/> Flower: style length	12mm	8mm	15mm
<input type="checkbox"/> Flower: stamens number of	4	4	4
<input type="checkbox"/> Flower: inner markings	present	present	present
<input type="checkbox"/> Flower: inner colour	N87B	85A	N87C
<input checked="" type="checkbox"/> Flower: size	medium	small	large
<input type="checkbox"/> Flower: shape	tubular	tubular	tubular
<input type="checkbox"/> Petals: simple or coherent	coherent	coherent	coherent

- | | | | | |
|--------------------------|--------------------|------------------|---------|---------|
| <input type="checkbox"/> | Petal: apex | rounded | pointed | rounded |
| <input type="checkbox"/> | Flower: indumentum | medium to strong | medium | strong |

Prior Applications and Sales

First sold in Australia in Feb 2008.

Description: **Shannon Williams**, Humphris Nursery, Mooroolbark, VIC.

Details of Application

Application Number	2008/262
Variety Name	'BERYLS BLUE'
Genus Species	<i>Eremophila nivea</i> x <i>Eremophila densifolia</i> ssp <i>pubiflora</i>
Common Name	Emu Bush
Synonym	Nil
Accepted Date	14 Oct 2008
Applicant	Humphris Nursery, Mooroolbark, VIC
Agent	N/A
Qualified Person	Shannon Williams

Details of Comparative Trial

Location	Humphris Nursery 218-220 Cardigan Road Mooroolbark.
Descriptor	General Descriptor
Period	Feb 2008 - Nov 2008.
Conditions	Jiffy pots of candidate and one VCK potted into 200mm pots. Other VCK bought in potted into same pot size and general mix as other two with 20 grams 12-14month Low P fertiliser. All set outside in an open position.
Trial Design	10 plants of each set out at random all grafted onto <i>Myoporum montana</i> .
Measurements	Measurements of each characteristic taken from each plant.
RHS Chart - edition	2007.

Origin and Breeding

A chance seedling between *E. nivea* and *E. densifolia* ssp *pubiflora* identified in breeder's garden. As the seedling progressed a more compact dense habit was noticed. Flowers much smaller than 'Nivea' yet much bigger than 'Densifolia ssp pubiflora'. Selection criteria: compact growth habit with striking flowers. Propagation: asexual, grafted for 4 generations with no change to plant characteristics. Breeder: Russell Wait, Piangil, VIC.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	bushy
Plant	width	medium
Petals	simple or coherent	coherent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Blue Velvet'	similar colour and growth
'Nivea'	seed parent

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>Densifolia</i> ssp <i>pubiflora</i>	Plant height	medium	short-prostrate	other parent

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Beryls Blue'	'Blue Velvet'	'Nivea'
<input type="checkbox"/> Plant: type	shrub	shrub	shrub
<input type="checkbox"/> Plant: growth habit	bushy	bushy	bushy
<input checked="" type="checkbox"/> Plant: size	medium	medium to large	small to medium
<input type="checkbox"/> Plant: height	medium	medium to tall	medium
<input type="checkbox"/> Plant: width	medium	medium	medium
<input type="checkbox"/> Plant: time of beginning of flowering	early to medium	early to medium	early to medium
<input type="checkbox"/> Plant: time of maturity	early to medium	early to medium	early to medium
<input type="checkbox"/> Stem: degree of hairiness	medium to high	medium	medium
<input type="checkbox"/> Stem: thorns, prickles, spines	absent	absent	absent
<input type="checkbox"/> Leaf: leaf type	simple	simple	simple
<input checked="" type="checkbox"/> Leaf: size	small	medium	small to medium
<input checked="" type="checkbox"/> Leaf: attitude	erect	semi-erect	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate	
<input checked="" type="checkbox"/> Leaf: length of blade	short to medium	medium to long	medium
<input type="checkbox"/> Leaf: width of blade	very narrow to narrow	narrow	narrow
<input type="checkbox"/> Leaf: shape	linear	linear	linear
<input type="checkbox"/> Leaf: shape of apex	obtuse	obtuse	obtuse
<input type="checkbox"/> Leaf: shape of base	truncate	truncate	truncate

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'BERYLS BLUE'	'Blue Velvet'	'Nivea'
<input checked="" type="checkbox"/> Petal: apex	pointed	rounded	rounded
<input checked="" type="checkbox"/> Flower: outer colour	N88D	N87C	N82C
<input type="checkbox"/> Flower: style length	8mm	12mm	15mm
<input type="checkbox"/> Flower: stamens number of	4	4	4
<input type="checkbox"/> Flower: inner markings	present	present	present
<input type="checkbox"/> Flower: inner colour	85A	N87B	N87C
<input checked="" type="checkbox"/> Flower: size	small	medium	large
<input type="checkbox"/> Flower: shape	tubular	tubular	tubular
<input type="checkbox"/> Petals: simple or coherent	coherent	coherent	coherent
<input checked="" type="checkbox"/> Flower: indumentum	medium	medium to strong	strong

Prior Applications and Sales

Nil.

Description: **Shannon Williams**, Humphris Nursery, Mooroolbark, VIC.

Details of Application

Application Number	2006/287
Variety Name	'Riverina Eunice'
Genus Species	<i>Lavandula angustifolia</i>
Common Name	English Lavender
Synonym	Petite Forêt
Accepted Date	02 Jan 2007
Applicant	Charles Sturt University, Wagga Wagga, NSW
Agent	N/A
Qualified Person	Nigel Urwin

Details of Comparative Trial

Location	Charles Sturt University
Descriptor	<i>Lavandula</i> (<i>Lavandula</i>) TG/194/1,
Period	May 2008 – Nov 2008.
Conditions	All plants were produced from cuttings obtained from stock plants held by Larkman's Nurseries, Lilydale Melbourne. Cuttings were taken at the same time in March 2008 for all varieties and these were dipped in rooting hormone and placed in a proprietary seed-raising/Perlite mix. Cuttings were placed on misting beds at 25°C until roots developed following which plants were transfer to 5cm square tubes and acclimatised to ambient conditions over the next 4 weeks. Tubes were transferred to Charles Sturt University, Wagga Wagga by the Nigel Urwin in May 2008. Plants were transplanted into 9cm diameter pots in Debco™ Terracotta and Tub potting mix. Plants were watered every alternate day and were transferred to 20cm diameter pots in same potting mix on 2nd Aug. Plants were grown under automatic overhead irrigation and were fertilised and treated with a fungicide as required.
Trial Design	The trial consisted of 8 plants of 'Riverina Eunice', 9 plants of 'Hidcote', 10 of 'Lady' and 10 of 'Imperial Gem'. Plants were arranged in a completely randomised block design.
Measurements	Observations were made between the 14 th and 17 th Nov and all varieties were in flower. Data on corolla colour were taken on the 22 nd of Nov 2008 when more flowers had opened.
RHS Chart - edition	Fifth.

Origin and Breeding

The starting material was a batch of seed (*L. angustifolia*) purchased from Gippsland seed (ABN.57027073558) 181 Queens Road, Silvan, VIC 3795 Australia. This was from *L. angustifolia* plants of unspecified varieties. It was sold under the common name 'Lavender Vera'. There is no know variety of *L. angustifolia* called 'Vera' and the name 'Lavender Vera' is an old name synonymous with *L. angustifolia* (see UPOV guidelines for DUS tests for *Lavandula* TG/194/1 page 3 or Upson, T and Andrews, S 2004 *The Genus Lavandula*. Timber Press. Oregon page 124). The seed used was therefore of no known variety. The variety which is the subject of this application 'Riverina Eunice' came out of an experiment in which seed was germinated in the presence of colchicine to induce polyploidy. Seed was sown in Petri

dishes (0.2g per dish ~200 seeds) on 2 layers of Whatman number 1 filter paper. The filters were wetted with 4 ml of 0.5 mg/ml gibberellic acid (GA₃) potassium salt (Sigma) containing various amounts of colchicine. Two dishes were initiated per colchicine concentration. Colchicine solutions were made by ½ serial dilutions of a 1g/L stock in the GA₃ solution. Petri-dishes were sealed with Parafilm™ and were incubated at 22°C in an incubator in 12 hours light/12 hours dark at 25 uE/ m²/s for 7 days. Petri-dishes were removed to the glasshouse and plants were acclimatised to natural lighting in shade two days prior to transfer to potting mix. Seedlings were transferred to potting mix (Debcotm) in trays which consisted of individual cells which were 3x3 cm. Plants were sub-irrigated by standing in a shallow tray of water for 3 weeks. Trays were then placed on misting beds and plants were finally transferred to 10cm diameter pots. Considerable variation was observed between seedlings from this seed batch, in the absence or presence of colchicine treatment. Plants varied in habit, size, flower colour (calyx and petals), peduncle length and spike length. This variation between lavenders grown from seed is recorded in the literature and is likely due to considerable crosspollination. Lavender varieties are therefore generally propagated vegetatively to maintain the phenotype. Over 100 plants were grown from the above seed batch, including ones which had been treated with colchicine and control untreated plants. From these a small, compact plant with the deepest purple flowers of all of the plants was selected. This plant survived 0.0078g/L of colchicine. This plant was subsequently propagated by cuttings and was designated C7/103 and named ‘Riverina Eunice’.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	size	small
Calyx	colour	purple/violet

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Imperial Gem’	
‘Hidcote’	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Lady’	flower shape	cylindrical	fusiform	‘Lady’ has very short flowers in a very rounded shape quite distinct from the other comparators and candidate variety.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Riverina Eunice'	'Hidcote'	'Imperial Gem'
<input checked="" type="checkbox"/> *Plant: growth habit	globular	spreading	bushy
<input checked="" type="checkbox"/> *Plant: size	small to medium	medium	small
<input type="checkbox"/> Plant: intensity of green colour of foliage	medium	medium	medium
<input checked="" type="checkbox"/> Plant: intensity of grey tinge of foliage	weak to medium	weak to medium	medium
<input checked="" type="checkbox"/> *Plant: attitude of outer flowering stems	erect	spreading	erect
<input type="checkbox"/> *Plant: density	open to medium	open to medium	open to medium
<input type="checkbox"/> *Leaf: incisions of margin	absent	absent	absent
<input checked="" type="checkbox"/> Flowering stem: length	short	medium	medium
<input type="checkbox"/> Flowering stem: thickness at middle third	thin to medium	thin to medium	thin to medium
<input type="checkbox"/> *Flowering stem: intensity of green colour	medium	medium	medium
<input checked="" type="checkbox"/> Flowering stem: rigidity of basal part (Lavandula section only)	medium to strong	medium	strong
<input type="checkbox"/> *Flowering stem: lateral branching	absent	absent	absent
<input checked="" type="checkbox"/> *Spike: maximum width	narrow to medium	medium	medium
<input checked="" type="checkbox"/> *Spike: total length	short	medium	medium
<input checked="" type="checkbox"/> *Spike: length from second whorl (Lavandula section only)	short	short to medium	short to medium
<input checked="" type="checkbox"/> *Spike: number of whorls (Lavandula section only)	medium	medium	medium
<input checked="" type="checkbox"/> *Spike: distance between whorls (Lavandula section only)	short to medium	medium	medium to long
<input type="checkbox"/> *Spike: shape	cylindrical	cylindrical	cylindrical
<input type="checkbox"/> Spike: number of flowers	medium	medium	medium
<input checked="" type="checkbox"/> Spike: number of flowers on apical whorl (Lavandula section only)	few	very few to few	very few to few
<input type="checkbox"/> Spike: width of fertile bracts	medium	medium	medium

<input type="checkbox"/>	Spike: presence of bracteole (Lavandula section only)	sometimes present	sometimes present	sometimes present
<input type="checkbox"/>	*Spike: presence of infertile bracts	absent	absent	absent
<input type="checkbox"/>	*Flower: colour of calyx	purplish	purplish	purplish
<input type="checkbox"/>	Flower: pubescence of calyx	medium	medium	medium
<input type="checkbox"/>	*Corolla: colour	purple	purple	purple
<input checked="" type="checkbox"/>	Time of: beginning of flowering	medium to late	early to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Riverina Eunice'	'Hidcote'	'Imperial Gem'
<input checked="" type="checkbox"/> Fertile bract: length	short	medium long	short medium
<input checked="" type="checkbox"/> Corolla: colour (RHS chart 5th ed)	86B	90B/90A	86B

Prior Applications and Sales

Nil.

Description: **Nigel Urwin**, Charles Sturt University, Wagga Wagga, NSW.

Details of Application

Application Number	2007/317
Variety Name	'Mystic Marvel'
Genus Species	<i>Hardenbergia violacea</i>
Common Name	False Sarsparilla
Synonym	Nil
Accepted Date	19 Dec 2007
Applicant	Courtney Peter Whitton, Junee, NSW
Agent	N/A
Qualified Person	Robert Dunstone

Details of Comparative Trial

Location	Bywong Nursery
Descriptor	<i>Hardenbergia</i> (<i>Hardenbergia</i>) PBR HARD.
Period	Feb 2008 to Sep 2008.
Conditions	The trial was carried out at Bywong Nursery, 159 Millynn Road, Bywong, NSW, Australia from Feb until Sep 2008. Cuttings of the three varieties were rooted and planted in a pine bark based potting mix containing a coated fertiliser in 140mm pots.
Trial Design	Twelve replicates per variety were set out in a randomised block pattern under natural light in a polyhouse. Pest control was not required. One measurement per plant was taken.
Measurements	Leaf and petiole observations were taken from leaves half way along the stem. Flower colour and measurements were taken from a flower half way along the inflorescence on the first day of opening.
RHS Chart - edition	1986.

Origin and Breeding

Spontaneous mutation: In Oct 2004 a single plant with tri-coloured flowers was observed amongst a population of *Hardenbergia violacea* that all had normal purple flowers. Cuttings were taken from the plant, rooted at Junee and planted in the ground. Eight cuttings survived. Three further generations were propagated by cuttings in Jun 2005 and in Nov 2005 and Oct 2007. Each generation was grown out and observed for stability of plant type and flower colour. Breeder: Courtney Peter Whitton, Junee, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	spreading or climbing
Leaf	colour of upper side	medium green
Standard petal	main colour	white or purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Free and Easy'	'Free and Easy' was chosen as a climbing variety with medium green leaves and white standard petals.
'Bliss'	'Bliss' was chosen as a climbing variety with medium green leaves and purple standard petals.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Mystic Marvel'	'Bliss'	'Free and Easy'
<input type="checkbox"/> Plant: growth habit	spreading or climbing	spreading or climbing	spreading or climbing
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	strong	very weak	very weak
<input checked="" type="checkbox"/> Stem: twining	strong	strong	weak
<input type="checkbox"/> Stem: tendrils	absent	absent	absent
<input type="checkbox"/> Young leaf: intensity of anthocyanin colouration	weak	very weak	very weak
<input type="checkbox"/> Young leaf: colour (including anthocyanin colouration) (RHS colour chart)	yellow green 147A	yellow green 146A	yellow green 146A
<input type="checkbox"/> Petiole: length	medium	medium	medium
<input type="checkbox"/> Leaf: length	medium	medium	medium to long
<input type="checkbox"/> Leaf: width	medium	medium	medium
<input type="checkbox"/> Leaf: shape	lanceolate	lanceolate	lanceolate
<input type="checkbox"/> Leaf: colour of upper side	medium green	medium green	medium green
<input type="checkbox"/> Leaf: colour of upper side (RHS colour chart)	yellow green 147A	yellow green 147A	yellow green 147A
<input type="checkbox"/> Inflorescence: position on flowering stem	axillary	axillary	axillary
<input type="checkbox"/> Inflorescence: attitude	erect	erect	horizontal to drooping
<input checked="" type="checkbox"/> Inflorescence: length	short	short	long to very long
<input type="checkbox"/> Inflorescence: number of flowers	medium	few to medium	many
<input checked="" type="checkbox"/> Bud: colour (RHS colour chart)	white + violet 83B	violet 83B	white
<input type="checkbox"/> Flower: main colour	white	purple	white
<input type="checkbox"/> Flower: width (broadest part)	medium to broad	medium to broad	broad
<input type="checkbox"/> Standard petal: shape	orbicular	orbicular	orbicular
<input checked="" type="checkbox"/> Standard petal: main colour (RHS colour chart)	white +violet 83B	violet 83D	white
<input type="checkbox"/> Standard petal: presence of markings	present	present	present

<input type="checkbox"/>	Standard petal: colour of markings	green	green	green
<input type="checkbox"/>	Standard petal: anthocyanin colouration on lower side	very weak	weak to medium	very weak
<input checked="" type="checkbox"/>	Wing petal: main colour (RHS colour chart)	violet 83B	violet 83C	white
<input type="checkbox"/>	Time of: beginning of flowering	medium to late	early	very early to early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Mystic Marvel'	'Bliss'	'Free and Easy'
<input checked="" type="checkbox"/> Flower: colour of standard and wing petal	different	same	same

Statistical Table

Organ/Plant Part: Context	'Mystic Marvel'	'Bliss'	'Free and Easy'
<input type="checkbox"/> Leaf: width (mm)			
Mean	39.50	35.10	33.20
Std. Deviation	16.90	3.20	4.60
LSD/sig	5.4	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	81.20	73.00	100.30
Std. Deviation	8.20	5.30	15.10
LSD/sig	14.2	ns	P≤0.01
<input type="checkbox"/> Petiole: length (mm)			
Mean	15.90	12.60	19.00
Std. Deviation	2.70	2.60	4.90
LSD/sig	5.4	ns	ns

Prior Applications and Sales

Nil.

Description: **Robert Dunstone**, Curtin, ACT.

Details of Application

Application Number	2003/094
Variety Name	'Oakville Crimson Spire'
Genus Species	<i>Prunus cerasifera</i>
Common Name	Flowering Plum
Synonym	Nil
Accepted Date	9 May 2003
Applicant	Vic John Ciccolella, Oakville, NSW
Agent	Fleming's Nurseries Pty Ltd, Monbulk, VIC
Qualified Person	Graham Fleming

Details of Comparative Trial

Location	Monbulk, VIC.
Descriptor	Japanese Apricot (<i>Prunus mume</i>) TG/160/3
Period	The trial was planted in 2004
Conditions	Grown under ambient Victorian conditions.
Trial Design	Six plants each of the candidate and comparator varieties were randomly planted in two rows within an orchard setting.
Measurements	Taken from all trial plants
RHS Chart - edition	2001

Origin and Breeding

Seedling selection: the present variety of *Prunus* originated as a seedling selection grown at Oakville, NSW. In 1998 the applicant chose the present variety for propagation based on its desirable strong upright growth habit. Further observation and propagations onto plum rootstock have proven the desirable attribute of strong upright habit as being not only distinct but stable. Selection criteria: fastigate tree habit. Breeder: Vic John Ciccolella, Oakville, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaves	colour	dark purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Atropurpurea'	
'Nigra'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression	Comments
'Festeri'	Tree habit	fastigate	spreading	Although 'Festeri' was originally included in the growing trial, due to the obvious and clear differences in relation to the growth habits of these varieties 'Festeri' was subsequently excluded.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Oakville Crimson Spire’	‘Atropurpurea’	‘Nigra’
<input checked="" type="checkbox"/> Tree: habit	fastigate	semi-upright	upright
<input type="checkbox"/> *Tree: vigour	strong	medium to strong	strong
<input type="checkbox"/> *Tree: predominant distribution of flower buds	on spurs and one-year-old shoots	on spurs and one-year-old shoots	on spurs and one-year-old shoots
<input type="checkbox"/> One-year-old shoot: thickness	medium	medium	medium
<input type="checkbox"/> One-year-old shoot: length of internode	medium	short to medium	medium
<input checked="" type="checkbox"/> Leaf blade: length	short	short	medium
<input checked="" type="checkbox"/> Leaf blade: width	narrow	narrow	medium
<input type="checkbox"/> *Leaf blade: ratio length/width	small	small	small
<input checked="" type="checkbox"/> Leaf blade: length of tip	short	short	medium
<input type="checkbox"/> Leaf blade: shape of base	acute	acute	acute
<input type="checkbox"/> *Leaf blade: pubescence	weakly expressed	weakly expressed	weakly expressed
<input checked="" type="checkbox"/> Stipule: shape	lanceolate	semi-palmate	lanceolate
<input type="checkbox"/> *Flower: type	single	single	single
<input type="checkbox"/> *Flower: size	medium	medium	medium
<input type="checkbox"/> *Flower: shape of petal	elliptic	elliptic	elliptic
<input type="checkbox"/> *Flower: relative position of petals	overlapping	overlapping	overlapping
<input checked="" type="checkbox"/> *Petal: colour	white	white	light pink
<input type="checkbox"/> Calyx: colour	red	red	red
<input checked="" type="checkbox"/> *Time of: flowering	medium to late	early	medium
<input checked="" type="checkbox"/> *Time of: leaf bud burst	medium to late	early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Oakville Crimson Spire’	‘Atropurpurea’	‘Nigra’
<input checked="" type="checkbox"/> One year old shoot: colour	RHS 187A	RHS N186B	RHS N186A
<input checked="" type="checkbox"/> Young leaf : colour	RHS 183B-147A	RHS 187A-183B	RHS 187A-183B

Prior Applications and Sales

Nil.

Description: **Lisa Corcoran**, Fleming’s Nurseries & Associates Pty Ltd, Monbulk, VIC.

Details of Application

Application Number	2003/088
Variety Name	'Regal Seedless'
Genus Species	<i>Vitis vinifera</i>
Common Name	Grape
Synonym	Nil
Accepted Date	9 May 2003
Applicant	ARC Infruitec Nietvoorbij, Stellenbosch, South Africa
Agent	Nangiloc Colignan Farms, Colignan, VIC
Qualified Person	Alison MacGregor

Details of Comparative Trial

Overseas Testing Authority	Department of Agriculture Republic of South Africa
Overseas Data Reference Number	ZA971795
Location	Stellenbosch, South Africa.
Descriptor	Grapevine (<i>Vitis</i>) TG/50/8.
Period	2004.
Conditions	The variety description was based on quantitative and qualitative measurements made to Regal Seedless vines grown at Clovelly Farm, Hex River, Western Cape, South Africa in 2004.
Trial Design	N/A
Measurements	Measurements were made on bud burst, shoot growth, flowers, leaves, tendrils, bunches, berries and mature canes.
RHS Chart - edition	N/A.

Origin and Breeding

Emasculation and controlled pollination at ARC Infruitec Nietvoorbij Experimental Farm in Oct 1988: maternal (seed) parent is 'Datal'; paternal (pollen) parent is 'Centennial Seedless'. Vegetative propagation, budwood grafted onto rootstocks on Bellevue and Hex Valley experimental farms in 1991. Released to industry in 1997. Selection criteria: seedlessness, keeping quality under cold storage. Breeder: ARC Infruitec Nietvoorbij, Stellenbosch, South Africa.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Berry	skin colour	yellow-green
Shoot	woody shoot surface	striate
Berry	seeds	rudimentary or absent
Leaf blade	shape	pentagonal or orbicular
Berry	flavour	none

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Centennial'	Berry elliptical, yellow green, rudimentary seeds, no flavour. Note that woody shoot surface is smooth not striate.
'Menindee Seedless'	Budburst very early, tendril length medium, mature leaf flat profile, teeth of mature leaf convex on both sides, berry shape broad elliptic, shoot colour green with red stripes, bench density loose, berry skin yellow green, berry flavour none, berry seeds rudimentary.
'Sugratwelve'	Berry: elliptic, yellow green, no flavour, seedless. Leaf pentagonal. Fruit maturity: medium.
'Sugraone'	Berry: yellow green, no flavour, rudimentary seed. Leaf: pentagonal. Tendrils: long. Shoot: colour of dorsal side is green with red stripes.
'Thompson Seedless'	Berry: elliptical, yellow green, no flavour, rudimentary seed. Note that woody shoot is smooth not striate.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Autumn King'	Mature leaf arrangement of lobes-upper open lateral sinus		strongly overlapping
'Grapaes'	Mature leaf arrangement of lobes-upper open lateral sinus		strongly overlapping
'Autumn King'	Woody shoot surface	striate	smooth
'Grapaes'	Budburst time of budburst	late	very early
'Stanley Seedless'	Berry shape	elliptical	roundish

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more comparators are marked with a tick.

Organ/Plant Part: Context	'Regal Seedless'	'Centennial'	'Menindee Seedless'	'Sugraone'	'Sugratwelve'	'Thompson Seedless'
<input checked="" type="checkbox"/> *Time of: bud burst (varieties for fruit production only)	late	medium	very early	very early	very early	medium
<input checked="" type="checkbox"/> *Young shoot: openness of tip	half open	half open	wide open	wide open	wide open	fully open
<input checked="" type="checkbox"/> *Young shoot: density of prostrate hairs on tip	very sparse to sparse	absent or very sparse	medium	medium	medium	sparse
<input type="checkbox"/> *Young shoot: anthocyanin	very weak to weak	weak				absent or very weak

colouration of prostrate hairs on tip						
<input checked="" type="checkbox"/> *Young leaf: colour of upper side of blade	green with anthocyanin spots		green with anthocyanin spots	green with anthocyanin spots	green with anthocyanin spots	yellow green
<input type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade	absent or very sparse					absent or very sparse
<input type="checkbox"/> Young leaf: density of erect hairs on main veins on lower side of blade	absent or very sparse					absent or very sparse
<input type="checkbox"/> Shoot: colour of dorsal side of internode	green with red stripes		green with red stripes	green with red stripes	green with red stripes	green with red stripes
<input checked="" type="checkbox"/> *Shoot: colour of ventral side of internode	completely green		green with red stripes	green with red stripes	green with red stripes	completely green
<input type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only)	completely green					
<input type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only)	completely green					
<input type="checkbox"/> Shoot: density of erect hairs on internodes	absent or very sparse		absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Shoot: number of consecutive tendrils	less than three		less than three	less than three	less than three	less than three
<input type="checkbox"/> Shoot: length of tendril	long	long	medium	long	medium	long
<input type="checkbox"/> *Flower: sexual organs	stamens and gynoecium both fully developed	stamens and gynoecium both fully developed	stamens and gynoecium both fully developed	stamens and gynoecium both fully developed	stamens and gynoecium both fully developed	stamens and gynoecium both fully developed

<input checked="" type="checkbox"/> *Adult leaf: size of blade	medium	very large	medium	medium	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	pentagonal	pentagonal	pentagonal	pentagonal	pentagonal	orbicular
<input type="checkbox"/> Mature leaf: profile in cross section	undulate		flat	flat	flat	undulate
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak	weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	five	five	five	five
<input checked="" type="checkbox"/> Mature leaf: depth of upper lateral sinuses	shallow		medium	shallow	shallow	deep
<input checked="" type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses	slightly overlapped		closed	closed	closed	closed
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	half open	half open	closed	slightly overlapped	slightly overlapped	closed
<input type="checkbox"/> *Mature leaf: length of teeth	medium to long	medium	medium	medium	medium	medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	medium		medium	medium	medium	medium
<input type="checkbox"/> *Mature leaf: shape of teeth	both sides straight	both sides straight	both sides convex	both sides convex	both sides convex	mixture of both sides straight & both sides convex
<input type="checkbox"/> *Mature leaf: anthocyanin colouration of main veins on upper side of blade	absent or very weak	weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Mature leaf: density of prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse

<input type="checkbox"/> *Mature leaf: density of erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Mature leaf: length of petiole compared to middle vein	equal		slightly shorter	slightly shorter	slightly shorter	slightly shorter
<input checked="" type="checkbox"/> *Time of: beginning of berry ripening (varieties for fruit production only)	medium		early	early	medium	medium
<input checked="" type="checkbox"/> *Bunch: size	medium	medium	medium	medium	medium	large
<input checked="" type="checkbox"/> *Bunch: density	loose to medium	very loose	loose	loose	loose	medium to dense
<input checked="" type="checkbox"/> *Bunch: length of peduncle	short to medium	short	medium	medium	medium	medium to long
<input checked="" type="checkbox"/> *Berry: size	medium	small	large	large	large	medium
<input type="checkbox"/> *Berry: shape in profile	elliptic	elliptic	broad elliptic	broad elliptic	broad elliptic	broad elliptic
<input type="checkbox"/> *Berry: colour of skin	yellow-green	yellow-green	yellow-green	yellow-green	yellow-green	yellow-green
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Berry: firmness of flesh	slightly firm		slightly firm	slightly firm	slightly firm	slightly firm
<input type="checkbox"/> Berry: juiciness of flesh	slightly juicy		slightly juicy	slightly juicy	slightly juicy	slightly juicy
<input type="checkbox"/> *Berry: particular flavour	none		none	none	none	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	absent	rudimentary	rudimentary	rudimentary	rudimentary
<input checked="" type="checkbox"/> Woody shoot: main colour	yellowish brown	reddish brown	yellowish brown	yellowish brown	yellowish brown	dark brown
<input checked="" type="checkbox"/> Woody shoot: relief of surface	striate	smooth	striate	striate	striate	smooth

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Chile	2001	Granted	'Regal Seedless'
South Africa	1997	Granted	'Regal Seedless'

First sold in Chile and South Africa Aug 1998.

Description: **Alison MacGregor**, Scholefield Robinson Mildura Pty Ltd, Mildura, VIC.

Details of Application

Application Number	2007/283
Variety Name	'Red Rover'
Genus Species	<i>Grevillea</i> hybrid
Common Name	Grevillea
Synonym	Nil
Accepted Date	17 Jan 2008
Applicant	James Walter Carter and Elva Lorraine Carter, Burpengary, QLD.
Agent	N/A
Qualified Person	David Hockings

Details of Comparative Trial

Location	Carters Tubes Nursery, Burpengary, QLD.
Descriptor	<i>Grevillea</i> (<i>Grevillea</i>) PBR GREV
Period	2007-2008.
Conditions	Trial conducted in the open, plants propagated from cuttings, rooted plants planted into 200 mm pots filled with a commercial pinebark based potting mix, nutrition maintained with slow release fertiliser, pest and disease treatments applied as required.
Trial Design	Fifteen plants of each variety arranged in three replicated randomised blocks.
Measurements	From fifteen plants of each variety, one sample for each character from each plant.
RHS Chart - edition	Nil

Origin and Breeding

Self-pollinated seedling: the breeder has created his own breeding environment by careful planting certain *Grevillea* hybrids in his garden beds. Not all *Grevilleas* are compatible. As soon as the new seedling was noticed the breeder checked the foliage for differences, growth habit, flower buds and their size. This particular seedling was most probably from 'Majestic', however it showed some differences from its seed parent in flower size and colour. Cuttings were taken from this seedling and grown for 3 generations. The characteristics of the new variety remained stable and uniform. Selection criteria: larger flower size, unique red colour. Breeder: Mervyn William Hodge, Logan Reserve, QLD.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	predominant colour	red
Flowering branch	position of inflorescence	both terminal and axillary
Inflorescence	form	cylindrical
Inflorescence	width	broad

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Majestic'	supposed parent
'Sylvia'	similar variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Crimson Yul-Lo'	Inflorescence width	broad	medium

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Red Rover'	'Majestic'	'Sylvia'
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input type="checkbox"/> Plant: attitude of branches	erect	erect	semi-erect
<input checked="" type="checkbox"/> Plant: height	tall (> 3m)	medium (1-3m)	medium (1-3m)
<input type="checkbox"/> Plant: density (assessment of foliage at flowering)	sparse to medium	sparse	medium
<input checked="" type="checkbox"/> Young stem: colour	greyed orange	greyed orange	greyed purple
<input checked="" type="checkbox"/> Stem: colour	brown	greyed purple	brown
<input type="checkbox"/> Stem: hairiness	strong	strong	strong
<input type="checkbox"/> Petiole: length	long	medium to long	medium to long
<input type="checkbox"/> Leaf: length	very long (> 20cm)	very long (> 20cm)	very long (> 20cm)
<input type="checkbox"/> Leaf: width at widest point	medium (10-15cm)	medium (10-15cm)	broad (15-20cm)
<input checked="" type="checkbox"/> Leaf: attitude to stem	semi-erect	horizontal	semi-erect
<input type="checkbox"/> Leaf: curvature of margin	smoothly recurved, under surface on either side of the mid-vein partly exposed	smoothly recurved, under surface on either side of the mid-vein partly exposed	smoothly recurved, under surface on either side of the mid-vein partly exposed
<input type="checkbox"/> Leaf: colour of upper side (including hairs)	dark green	dark green	dark green
<input checked="" type="checkbox"/> Leaf: colour of lower side (including hairs)	light green	white	light green
<input checked="" type="checkbox"/> Leaf: degree of hairiness on upper side	medium	weak	weak
<input type="checkbox"/> Leaf: degree of hairiness on lower side	strong	strong	strong
<input type="checkbox"/> Leaf: colour of hairiness on lower side	white	white	white
<input type="checkbox"/> Leaf: undulation of margin	weak	weak	weak
<input type="checkbox"/> Leaf: division of blade	some or all leaves on plant divided	some or all leaves on plant divided	some or all leaves on plant divided
<input type="checkbox"/> Leaf: degree of division of blade (varieties with division of blade present only)	third order	third order	third order
<input type="checkbox"/> Leaf: depth of division of blade (varieties with division of blade present only)	sinus greater than two thirds of way to midrib	sinus greater than two thirds of way to midrib	sinus greater than two thirds of way to midrib

<input type="checkbox"/>	Leaf: number of lobes (varieties with division of blade present only)	medium	medium	medium
<input type="checkbox"/>	Leaf: regularity of lobing (varieties with division of blade present only)	regular	regular	regular
<input type="checkbox"/>	Leaf: attitude of longitudinal axis of lobes to longitudinal axis of midrib (varieties with division of blade present only)	semi-erect	semi-erect	semi-erect
<input type="checkbox"/>	Leaf: attitude of longitudinal axis of lobes to one another on same side of leaf (varieties with division of blade present only)	parallel	parallel	parallel
<input type="checkbox"/>	Leaf: shape of apex of sinus (varieties with division of blade present only)	flattened	flattened	flattened
<input type="checkbox"/>	Leaf: width of sinus (rounded and flattened sinus only) (varieties with division of blade present only)	broad	broad	broad
<input type="checkbox"/>	Lobe: length (varieties with division of blade present only)	medium to long	medium to long	medium
<input type="checkbox"/>	Lobe: width (varieties with division of blade present only)	very narrow to narrow	very narrow to narrow	very narrow
<input type="checkbox"/>	Lobe: shape of apex of ultimate lobe (varieties with division of blade present only)	pointed	pointed	pointed
<input type="checkbox"/>	Flowering branch: position of inflorescence	both terminal and axillary	both terminal and axillary	both terminal and axillary
<input type="checkbox"/>	Inflorescence: length	long to very long	long	long
<input type="checkbox"/>	Inflorescence: width	broad	broad	broad
<input type="checkbox"/>	Inflorescence: predominant colour	red	red	red
<input type="checkbox"/>	Inflorescence: density of florets	dense	dense	dense
<input type="checkbox"/>	Inflorescence: number of flowers	many	many	many
<input checked="" type="checkbox"/>	Inflorescence: attitude	erect	semi-erect	semi-erect
<input type="checkbox"/>	Inflorescence: form	cylindrical	cylindrical	cylindrical
<input type="checkbox"/>	Inflorescence: branching	weak	weak	weak
<input type="checkbox"/>	Inflorescence: sequence of opening of the flowers	centripetal	centripetal	centripetal
<input type="checkbox"/>	Rachis: length	long	long	long
<input type="checkbox"/>	Bud: colour of perianth	red	red	red
<input checked="" type="checkbox"/>	Bud: colour of limb	red	red	orange
<input checked="" type="checkbox"/>	Bud: attitude of limb in relation to longitudinal axis of bud (late bud prior to anthesis)	drooping	horizontal	drooping
<input type="checkbox"/>	Flower: attitude of pedicel in relation to	leaning away from	leaning away from	leaning away from

rachis	inflorescence peduncle	inflorescence peduncle	inflorescence peduncle
<input type="checkbox"/> Flower: length of pedicel	very short to short	very short to short	very short to short
<input type="checkbox"/> Perianth: colour	red	red	red
<input type="checkbox"/> Perianth: degree of hairiness (outside of perianth including limb)	strong	strong	strong
<input type="checkbox"/> Perianth: colour of hairs	white	white	white
<input type="checkbox"/> Perianth: length	long	long	long
<input checked="" type="checkbox"/> Perianth: width	medium	broad	medium
<input type="checkbox"/> Perianth: ratio length/width	medium	medium	medium
<input type="checkbox"/> Perianth: coherence of tepals on dorsal side	less than one third		less than one third
<input type="checkbox"/> Perianth: coherence of tepals on ventral side	greater than two thirds	greater than two thirds	greater than two thirds
<input checked="" type="checkbox"/> Tepal: flanging at margin	medium	absent or very weak	absent or very weak to weak
<input checked="" type="checkbox"/> Nectary: colour	orange	red	orange
<input checked="" type="checkbox"/> Ovary: colour	white	green	green
<input type="checkbox"/> Ovary: hairiness	strong	strong	strong
<input type="checkbox"/> Style: colour	red	red	red
<input type="checkbox"/> Style: curvature (after anthesis before dehiscence of perianth)	gently curved	gently curved	gently curved
<input type="checkbox"/> Style: position of curve	top half	top half	top half
<input type="checkbox"/> Style: hairiness	absent or very weak to weak	absent or very weak to weak	weak
<input type="checkbox"/> Style: position of hairs	concentrated towards ovary end	concentrated towards ovary end	concentrated towards ovary end
<input checked="" type="checkbox"/> Stigma: colour	red	yellow	yellow
<input type="checkbox"/> Pollen presenter: attitude to style	oblique	oblique	oblique
<input type="checkbox"/> Pollen presenter: colour	yellow	yellow	yellow
<input type="checkbox"/> Pollen presenter: concurrence with style	absent	absent	absent
<input type="checkbox"/> Pollen presenter: shape	dome	dome	dome
<input type="checkbox"/> Pollen: colour	yellow	yellow	yellow

Prior Applications and Sales

Nil.

Description: **David Hockings**, Maleny, QLD.

Details of Application

Application Number	2006/032
Variety Name	'Caza'
Genus Species	<i>Brassica juncea</i>
Common Name	Indian Mustard
Synonym	Nil
Accepted Date	29 Apr 2006
Applicant	University of Western Australia, Crawley, WA
Agent	N/A
Qualified Person	David Collins

Details of Comparative Trial

Location	Wongamine, Avon Valley Western Australia.
Descriptor	Rape Seed (<i>Brassica napus</i>) TG/36/6.
Period	Jan 07 to Dec 07.
Conditions	Plants were in red/brown sandy loam pH 5.3 in CaCl ₂ in open plots. The plots were treated with glyphosate at 1 l/ha on 20 May 07 and cultivated on 25 May 07. The trial was sown on the 15 Jun 07. Superphosphate + TE was applied at 100 kg/ha at seeding and urea at 80 kg/ha was top dressed immediately after seeding. Insecticide was used at the seedling stage for red legged earth mite control. Grass selective herbicide was used before flowering for weed control.
Trial Design	Plants sown in randomised complete blocks 10m long x 1.2m wide (6 rows) by 2 replicates.
Measurements	Taken from 10 specimens per replicate selected at random from approximately 400 plants. One sample taken per plant.

RHS Chart - edition**Origin and Breeding**

Single plant selection: In 2001, 35 single plants selected from heterogenous breeding line (DBL326) by Dr Margaret Campbell. 2002: seed from selected plants sown in double rows at Shenton Park Field Station WA. Four of these lines were selected based on erucic acid profile, grain yield, seed colour consistency and earlier maturity. 2003: selected lines sown in regional trials at Meckering and New Norcia WA. Two of these lines were selected for further testing and bulked at Medina Research Station WA in 1 ha plots under irrigation. Breeders seed was produced at Shenton Park in 0.04 ha plots in parallel to bulk plots. Off types were removed and erucic acid levels checked. 2004: two lines sown in commercial size 50 ha plots at four regional locations in WA. One line (selection 21) was progressed based on selection criteria. Breeders seed produced at Shenton Park where off types were removed and erucic acid levels checked. 2005: Final selection (Selection 21) tested in regional trials by Western Australian Agricultural Dept and herbicide tolerance trials conducted by University of WA. Breeder: by Dr Margaret Campbell, University of Western Australia, Faculty of Agricultural Science, Crawley, WA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	mature height	medium to tall
Leaf	lobes	present
Leaf	number of lobes	few
Leaf	length	short to medium
Siliqua	length	medium
Siliqua	length of beak	short to medium
Seed	erucic acid level	high

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DBL 326'	Parent variety; mature height medium to tall, erucic seed level 12%

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Micky'	seed	erucic acid percentage	18 to 20 %	< 2%
'Kayae'	seed	erucic acid percentage	18 to 20%	< 2%

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Caza'	'DBL 326'
<input type="checkbox"/> *Seed: erucic acid	present	present
<input type="checkbox"/> Cotyledon: width	narrow to medium	medium to broad
<input type="checkbox"/> *Leaf: green colour	medium	medium
<input type="checkbox"/> *Leaf: lobes	present	present
<input type="checkbox"/> *Leaf: number of lobes	few	few
<input type="checkbox"/> *Leaf: dentation of margin	weak	weak
<input type="checkbox"/> Leaf: length	short to medium	short to medium
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only)	short to medium	short to medium
<input type="checkbox"/> *Time of: flowering	early to medium	medium
<input type="checkbox"/> *Flower: colour of petals	yellow	yellow
<input type="checkbox"/> Plant: height	medium to tall	medium to tall
<input type="checkbox"/> *Plant: total length including side branches	medium	medium
<input type="checkbox"/> Siliqua: length	medium	medium
<input type="checkbox"/> Siliqua: length of beak	short to medium	short to medium
<input type="checkbox"/> Siliqua: length of peduncle	short to medium	short to medium

Statistical Table

Organ/Plant Part: Context	'Caza'	'DBL 326'
<input type="checkbox"/> Leaf: length (mm)		
Mean	74.07	74.96
Std. Deviation	8.80	10.14
LSD/Sig.	12.19	ns
<input type="checkbox"/> Leaf: width (mm)		
Mean	47.06	49.55
Std. Deviation	4.88	10.46
LSD/Sig.	7.56	ns
<input type="checkbox"/> Petiole: length (mm)		
Mean	39.14	44.67
Std. Deviation	5.87	9.25
LSD/Sig.	9.76	ns
<input type="checkbox"/> Pod: length (mm)		
Mean	28.74	28.47
Std. Deviation	3.76	3.03
LSD/Sig.	2.88	ns
<input type="checkbox"/> Peduncle: length (mm)		
Mean	13.24	12.94
Std. Deviation	2.14	1.18
LSD/Sig.	1.80	ns
<input type="checkbox"/> Beak: length (mm)		
Mean	7.83	8.52
Std. Deviation	1.15	1.12
LSD/Sig.	1.17	ns
<input type="checkbox"/> Plant: mature height (mm)		
Mean	1024.60	1025.00
Std. Deviation	114.66	99.14
LSD/Sig.	81.80	ns
<input type="checkbox"/> Cotyledon: width (mm)		
Mean	10.07	13.99
Std. Deviation	1.10	0.69
LSD/Sig.	0.86	P≤0.01
<input checked="" type="checkbox"/> Seed: erucic acid content (%)		
Mean	18.27	10.91
Std. Deviation	1.08	1.49
LSD/Sig.	4.11	P≤0.01

Prior Applications and Sales

Nil.

Description: **David Collins**, Northam, WA.

Details of Application

Application Number	2006/203
Variety Name	'Tegege'
Genus Species	<i>Cannabis sativa</i>
Common Name	Industrial Hemp
Synonym	Nil
Accepted Date	15 Aug 2006
Applicant	Agri Fibre Industries Pty. Ltd., Bundaberg, QLD
Agent	N/A
Qualified Person	David Gillespie

Details of Comparative Trial

Location	Bargara, QLD
Descriptor	Hemp (<i>Cannabis sativa</i>) TG/Hemp (DRAFT).
Period	2008-2009.
Conditions	Trial 1 (Autumn 2008): the trial was sown in a well prepared red ferrisol kraznozem on 28th Feb 2008. Growth conditions were not conducive for plant measurements as we subsequently discovered that the area had previously been band treated with diuron two years before planting, too soon for a sensitive crop like industrial hemp, and this made the trial quite variable. Also the autumn time of sowing meant maturity was earlier and less spread out than the normal spring planting time. Leaf measures and plant heights were affected by the short day length and differences were slight compared to a spring planting. Weeds were removed at a young age by hand throughout the trial period. Watering was by trickle irrigation and plants were never stressed for water. Pest and diseases were controlled as necessary with insecticides and fungicides before there was any damage.
Trial Design	Randomised factorial complete block with 4 replicates with 100 plants per variety per replicate.
Measurements	For leaf 30 samples per replicate, for plant height 20 samples.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: the pollination was controlled to the extent that male plants were removed before anthesis from the maternal parent while several paternal parents of unknown origin to the applicant pollinated the maternal parent. The source F1 hybrid seed coded 'Guelph 3-64' was imported through quarantine under licence from Mr Peter P. Dragla (now deceased), University of Guelph, Ridge Town College, Ontario, Canada in Dec, 2003. The breeding line 'Guelph 3-64' was from very late maturing parents under Canadian conditions (matured in 160 days from sowing). The F1 source seed and subsequent generations were then grown in isolation until final selection. Open pollination from individual plants selected for low THC content was carried out in the first three generations from the F1 source seed. Male plants were screened before anthesis, small males discarded and female plants screened for low THC content at half seed fill using an in-house colorimetric test. The Government analyst also monitored populations with a random 30 plant sample. Achenes of 'Tegege' were tasted when semi-hard mature at F3 generation and tasted very good. 'Tegege's fatty acid profile was determined by SGS Toowoomba, Queensland a NATA accredited laboratory. Bast fibre strength by breaking stalks was low for 'Tegege'. Bast fibre content was however high at 31% while 'Carmen' measured 30% bast fibre content and 'Anka' 18% bast in previous experiments. Seed yields of individual plants were recorded with the highest seed yielding plants retained that had low THC content. Final selections were taken at the F5 generation.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	sex expression	dioecious
Plant	time of flowering	early
Leaf	anthocyanin colouration	absent
Inflorescence	anthocyanin colouration (male flower)	present
Leaf	TetraHydroCannabinol (THC)	very low

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Carmen’	Originated from the same breeding program.
‘Ruby’	Originated from the same breeding program.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Anka’	plant sex expression	dioecious	monoecious

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Tegege’	‘Carmen’	‘Ruby’
<input checked="" type="checkbox"/> Seedling: shape of cotyledon	broad elliptic	narrow elliptic	broad elliptic
<input type="checkbox"/> Cotyledon: intensity of green colour	dark	medium to dark	dark
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present	present
<input type="checkbox"/> Seedling: intensity of anthocyanin colouration	medium to strong	medium to strong	medium
<input type="checkbox"/> Time of: beginning of flowering (50% of plants with at least one male flower) (seed-propagated varieties only)	early	early	early
<input type="checkbox"/> *Plant: sex expression	dioecious	dioecious	dioecious
<input type="checkbox"/> Plant: number of primary branches	absent or very few	absent or very few	absent or very few
<input type="checkbox"/> Stem: length of internode	medium	medium	medium
<input type="checkbox"/> Stem: thickness	very thin to thin	very thin to thin	very thin to thin
<input type="checkbox"/> Stem: number of ribs	medium	medium	medium to many
<input type="checkbox"/> *Leaf: size	large	medium to large	large
<input type="checkbox"/> Leaf: maximum number of leaflets on one petiole	many	many	many
<input type="checkbox"/> Central leaflet: length	medium to long	medium to long	medium
<input type="checkbox"/> Central leaflet: width	medium to broad	medium	medium to broad
<input type="checkbox"/> Leaf: intensity of green color	dark	dark	medium to dark

<input type="checkbox"/>	*Leaf: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/>	*Petiole: anthocyanin colouration	medium to strong	medium to strong	medium to strong
<input type="checkbox"/>	Inflorescence: anthocyanin colouration of male flowers	strong to very strong	strong to very strong	strong to very strong
<input type="checkbox"/>	Plant: height (flowering plant including inflorescence)	tall	medium to tall	medium to tall
<input type="checkbox"/>	*Stem: colour	light green	light green	light green
<input type="checkbox"/>	*Time of: maturity (50% of plants with at least one hard, dry seed)	early	early	early
<input type="checkbox"/>	Seed: size	medium to large	medium	medium to large
<input type="checkbox"/>	Seed: colour of testa	brown	brown	brown
<input type="checkbox"/>	Seed: reticulation	very weak	very weak to weak	weak to medium
<input checked="" type="checkbox"/>	Seed: shape in lateral view	broad ovate	narrow elliptic	semi oblate

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Tegege’	‘Carmen’	‘Ruby’	
<input type="checkbox"/>	Petiole: length	medium	medium	medium to long
<input type="checkbox"/>	Leaf: colour (RHS)	137A	137A	137B
<input type="checkbox"/>	Stem: colour (RHS)	137C	137D	137D
<input type="checkbox"/>	Seed: oleic acid content	20.1		
<input type="checkbox"/>	Seed: linoleic acid	53.9		
<input type="checkbox"/>	Seed: linolenic acid	10.4		
<input type="checkbox"/>	Seed: gamma linoleic acid	1.4		
<input type="checkbox"/>	Plant: time of maturity	early	early	early
<input type="checkbox"/>	Cotyledon: colour (RHS)	137B	137C	137C
<input checked="" type="checkbox"/>	Seed: surface	raised	smooth	raised
<input type="checkbox"/>	Leaf: THC content	0.21%	0.09%	0.13%
<input checked="" type="checkbox"/>	Stem: surface	rough	smooth	smooth
<input checked="" type="checkbox"/>	Stem: bast fibre percent	high to very high	medium to high	high
<input type="checkbox"/>	Cotyledon: length	medium to long	medium	medium to long
<input type="checkbox"/>	Cotyledon : width	broad	medium-broad	medium-broad

Statistical Table

Organ/Plant Part: Context	'Tegege'	'Carmen'	'Ruby'
<input type="checkbox"/> Stem : % bast fibre content (g/g*100)			
Mean	31.03	24.03	26.89
Std. Deviation	2.90	2.19	1.94
LSD/sig	4.62	P≤0.01	ns
<input type="checkbox"/> Cotlyedon: length (mm)			
Mean	12.61	10.13	12.58
Std. Deviation	1.90	1.21	1.51
LSD/sig	6.17	ns	ns
<input type="checkbox"/> Cotlyedon: width (mm)			
Mean	5.15	3.91	5.06
Std. Deviation	0.73	0.58	0.58
LSD/sig	1.78	ns	ns
<input type="checkbox"/> Plant: time to maturity (days)			
Mean	60.13	60.75	61.13
Std. Deviation	0.99	0.89	1.55
LSD/sig	2.18	ns	ns

Prior Applications and Sales

Nil.

Description: **David Gillespie**, Agri Fibre Industries Pty. Ltd. Bundaberg, QLD.

Details of Application

Application Number	2006/202
Variety Name	'Ruby'
Genus Species	<i>Cannabis sativa</i>
Common Name	Industrial Hemp
Synonym	Nil
Accepted Date	15 Aug 2006
Applicant	Agri Fibre Industries Pty. Ltd. Bundaberg, QLD
Agent	N/A
Qualified Person	David Gillespie

Details of Comparative Trial

Location	Bargara, QLD
Descriptor	Hemp (<i>Cannabis sativa</i>) TG/Hemp (DRAFT).
Period	2008-2009.
Conditions	Trial 1 (Autumn 2008): the trial was sown in a well prepared red ferrisol kraznozem on 28th Feb 2008. Growth conditions were not conducive for plant measurements as we subsequently discovered that the area had previously been band treated with diuron two years before planting, too soon for a sensitive crop like industrial hemp, and this made the trial quite variable. Also the autumn time of sowing meant maturity was earlier and less spread out than the normal spring planting time. Leaf measures and plant heights were affected by the short day length and differences were slight compared to a spring planting. Weeds were removed at a young age by hand throughout the trial period. Watering was by trickle irrigation and plants were never stressed for water. Pest and diseases were controlled as necessary with insecticides and fungicides before there was any damage.
Trial Design	Randomised factorial complete block with 4 replicates with 100 plants per variety per replicate.
Measurements	for leaf 30 samples per replicate, for plant height 20 samples per replicate.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: the pollination was controlled to the extent that male plants were removed before anthesis from the maternal parent while several paternal parents of unknown origin to the applicant pollinated the maternal parent. The source F1 hybrid seed coded 'Guelph 3-23' was from very late maturing material (harvested 151 days from sowing) under Canadian conditions. The seed was imported through quarantine under licence from Mr Peter P. Dragla, now deceased, University of Guelph, Ridgetown College, Ontario, Canada in Dec 2003. The F1 source seed and subsequent generations were then grown in isolation until final selection. Individual plant selection for THC content is carried out in the first three generations where selected male plants open pollinate the female plants. Male plants are screened before anthesis and female plants screened at half seed fill using an in-house colorimetric test for THC content. The Government analyst also monitors populations with a random 30 plant sample. Short plants are discarded. Plants are screened for bast fibre content by manual separation (whole stalk weighed and then bast fibre weighed and expressed as a percentage) after seed harvest. 'Ruby' measured 18% bast fibre content, while 'Carmen' measured 30% bast fibre content in previous experiments. Seed yields of individual plants are recorded with the highest yielding plants retained that have low THC content. Selection of grain types also involves taste tests at firm seed stage. Analysis of fatty acid content of good tasting seed is carried out by SGS Toowoomba, a NATA accredited laboratory.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	sex expression	dioecious
Plant	time of flowering	early
Leaf	anthocyanin colouration	absent
Inflorescence	anthocyanin colouration (male flower)	present
Leaf	TetraHydroCannabinol (THC)	very low

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Carmen’	Originated from same breeding program.
‘Tegege’	Originated from the same breeding program.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Ruby’	‘Carmen’	‘Tegege’
<input checked="" type="checkbox"/> Seedling: shape of cotyledon	broad elliptic	narrow elliptic	broad elliptic
<input type="checkbox"/> Cotyledon: intensity of green colour	dark	medium to dark	dark
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present	present
<input type="checkbox"/> Seedling: intensity of anthocyanin colouration	medium	medium to strong	medium to strong
<input type="checkbox"/> Time of: beginning of flowering (50% of plants with at least one male flower) (seed-propagated varieties only)	early	early	early
<input type="checkbox"/> *Plant: sex expression	dioecious	dioecious	dioecious
<input type="checkbox"/> Plant: number of primary branches	absent or very few	absent or very few	absent or very few
<input type="checkbox"/> Stem: length of internode	medium	medium	medium
<input type="checkbox"/> Stem: thickness	very thin to thin	very thin to thin	very thin to thin
<input type="checkbox"/> Stem: number of ribs	medium to many	medium	medium
<input type="checkbox"/> *Leaf: size	large	medium to large	large
<input type="checkbox"/> Leaf: maximum number of leaflets on one petiole	many	many	many
<input type="checkbox"/> Central leaflet: length	medium	medium to long	medium to long
<input type="checkbox"/> Central leaflet: width	medium to broad	medium	medium to broad
<input type="checkbox"/> Leaf: intensity of green color	medium to dark	dark	dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> *Petiole: anthocyanin colouration	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> Inflorescence: anthocyanin colouration of male flowers	strong to very strong	strong to very strong	strong to very strong

<input type="checkbox"/>	Plant: height (flowering plant including inflorescence)	medium to tall	medium to tall	tall
<input type="checkbox"/>	*Stem: colour	light green	light green	light green
<input type="checkbox"/>	*Time of: maturity (50% of plants with at least one hard, dry seed)	early	early	early
<input type="checkbox"/>	Seed: size	medium to large	medium	medium to large
<input type="checkbox"/>	Seed: colour of testa	brown	brown	brown
<input type="checkbox"/>	Seed: reticulation	weak to medium	very weak to weak	very weak
<input checked="" type="checkbox"/>	Seed: shape in lateral view	semi oblate	narrow elliptic	broad ovate

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Ruby’	‘Carmen’	‘Tegege’	
<input type="checkbox"/>	Petiole: length	medium to long	medium	medium
<input type="checkbox"/>	Leaf: THC content	0.13%	0.09%	0.21%
<input type="checkbox"/>	Leaf: colour (RHS)	137B	137A	137A
<input type="checkbox"/>	Stem: colour (RHS)	137D	137D	137C
<input type="checkbox"/>	Cotyledon: colour (RHS)	137C	137C	137B
<input type="checkbox"/>	Plant: time of maturity	early	early	early
<input checked="" type="checkbox"/>	Stem: surface	smooth	smooth	rough
<input checked="" type="checkbox"/>	Seed: surface	raised	smooth	raised
<input type="checkbox"/>	Cotyledon: length	medium to long	medium	medium to long
<input type="checkbox"/>	Cotyledon : width	medium-broad	medium-broad	broad
<input checked="" type="checkbox"/>	Stem: bast fibre percent	high	medium to high	high to very high

Statistical Table

Organ/Plant Part: Context	‘Ruby’	‘Carmen’	‘Tegege’	
<input checked="" type="checkbox"/>	Stem: % bast fibre content (g/g*100)			
	Mean	26.89	24.03	31.03
	Std. Deviation	1.94	2.19	2.90
	LSD/sig	4.62	ns	P≤0.01
<input type="checkbox"/>	Cotyledon: length (mm)			
	Mean	12.58	10.13	12.61
	Std. Deviation	1.51	1.21	1.90
	LSD/sig	6.17	ns	ns
<input type="checkbox"/>	Cotyledon: width (mm)			
	Mean	5.06	3.91	5.15
	Std. Deviation	0.58	0.58	0.73
	LSD/sig	1.78	ns	ns
<input type="checkbox"/>	Plant: time to maturity (days from sowing)			

Mean	61.13	60.75	60.13
Std. Deviation	1.55	0.89	0.99
LSD/sig	2.18	ns	ns

Prior Applications and Sales

Nil.

Description: **David Gillespie**, Agri Fibre Industries Pty. Ltd. Bundaberg, QLD.

Details of Application

Application Number	2007/326
Variety Name	'Sweetcot'
Genus Species	<i>Prunus salinica</i> x <i>Prunus armeniaca</i>
Common Name	Interspecific Plum
Synonym	Blackcot
Accepted Date	29 Feb 2008
Applicant	Lowell G. Bradford, Le Grand, CA, USA
Agent	Buchanan's Nursery, Hodgsonvale, QLD
Qualified Person	Peter Buchanan

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademark Office
Overseas Data Reference Number	US PP 15,652
Location	Overseas data was verified at Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD 4352.
Descriptor Period	Japanese Plum (<i>Prunus salicina</i>) TG/84/3. 3 years.
Conditions	Normal growing conditions for Hodgsonvale, QLD. Some drought conditions were experienced. Supplemental irrigation was required for the duration of the trial.
Trial Design	10 trees of the proposed variety and the comparator were planted at 1.5m x 5m tree spacing. Irrigation was applied and industry standard management practice was used.
Measurements	Observations of tree and fruit characteristics were made to confirm the variety is true to type and to see if there were any climatic or geographic variations.
RHS Chart - edition	N/A

Origin and Breeding

Open-pollination: during the 1996 blooming season Lowell Glen Bradford isolated an entire 'Angelino' plum tree by covering it with a plastic covered house. He placed a hive of bees inside the house and brought various bouquets of plum, apricot and plum-apricot interspecific trees to hybridize the 'Angelino' plum tree. Upon completion of the bloom, the house and bees were removed and the resulting fruit was allowed to ripen. Upon maturity, the fruit was harvested and their seeds were germinated and grown as seedlings on their own roots in a greenhouse. Upon reaching dormancy the seedlings were transplanted to a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. The group of seedlings was labelled "House 8". During the 2000 evaluation season he selected the new variety as a single tree from the group of seedlings described above because it produced a heavy crop of firm fruit that was very sweet in flavour. The new variety exhibited several indications that it was itself an interspecific, such as pubescent skin, orange yellow flesh, and leaves that resembling apricots. Subsequent to origination of the new variety it was asexually reproduced and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	skin colour	dark purple to black
Fruit	size	large
Fruit	position of maximum diameter	at centre
Fruit	symmetry	symmetric
Fruit	shape	round
Fruit	firmness of flesh	firm
Fruit	acidity	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Angeleno'	'Sweetcot' interspecific is similar to its seed parent, 'Angeleno' plum by being self-unfruitful and by producing fruit that is globose in shape, firm in texture and dark purple to black in skin colour, but is very distinguished from 'Angeleno' by having apricot type leaves and blossoms and by producing fruit that has pubescent skin, that is orange yellow in flesh colour and much sweeter in flavour and matures in mid season and not late season.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Golden Sweet'	skin colour purple to black	purple to black	yellow to orange yellow	Excluded because it does not display any interspecific traits.
'Candy Rosa'	pubescence present	pubescence present	absent	Leaves and flowers are plum-type

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Sweetcot'	'Angeleno'
<input checked="" type="checkbox"/> Tree: vigour	medium	strong
<input type="checkbox"/> Tree: density of the head	dense	medium to dense
<input type="checkbox"/> One year old shoot: attitude	semi-erect	erect to semi-erect
<input type="checkbox"/> One year old shoot: intensity of colour	medium	medium to dark
<input checked="" type="checkbox"/> Spur: length	short to medium	medium to long
<input checked="" type="checkbox"/> Wood bud: size	small to medium	medium to large
<input checked="" type="checkbox"/> Wood bud: shape	conical	ovoid
<input type="checkbox"/> Wood bud: position relative to shoot	slightly held out	slightly held out
<input type="checkbox"/> Leaf: attitude	upwards to horizontal	upwards to horizontal
<input checked="" type="checkbox"/> *Leaf blade: shape	circular	elliptic

<input type="checkbox"/>	*Leaf blade: angle of the tip	pointed	pointed
<input type="checkbox"/>	Leaf blade: green colour of upper side	dark	dark to very dark
<input checked="" type="checkbox"/>	Leaf: glossiness of upper side	medium	strong
<input type="checkbox"/>	Leaf blade: hairiness of lower side	weak to medium	weak to medium
<input type="checkbox"/>	Leaf blade: incisions of margin	serrate	serrate
<input type="checkbox"/>	*Petiole: length	medium to long	medium to long
<input type="checkbox"/>	Petiole: hairiness of upper side	weak to medium	weak to medium
<input type="checkbox"/>	Petiole: depth of groove	shallow to medium	medium
<input type="checkbox"/>	Leaf: position of glands	on both leaf base and petiole	on both leaf base and petiole
<input type="checkbox"/>	*Peduncle: length	medium	medium
<input type="checkbox"/>	Flowers: on one year old shoots	present	present
<input type="checkbox"/>	Flowers: frequency of flowers with double petals	none or very few	none or very few
<input type="checkbox"/>	Flowers: size	small to medium	medium
<input type="checkbox"/>	Flower: overlapping of petals	free to touching	free to touching
<input type="checkbox"/>	Sepal: shape	elliptic	elliptic
<input type="checkbox"/>	Petal: size	small to medium	medium
<input checked="" type="checkbox"/>	*Petal: shape	circular	obovate
<input type="checkbox"/>	Petal: undulation of margin	medium	medium
<input type="checkbox"/>	Stigma: position as compared with anthers	above	above
<input type="checkbox"/>	*Fruit: size	large	large
<input type="checkbox"/>	*Fruit: general shape	rounded	rounded
<input type="checkbox"/>	*Fruit: position of maximum diameter	at centre	at centre
<input type="checkbox"/>	*Fruit: symmetry	symmetric	symmetric
<input checked="" type="checkbox"/>	Fruit: shape of apex	depressed	flat
<input type="checkbox"/>	Fruit: depth of stalk cavity	medium	medium
<input type="checkbox"/>	*Fruit: ground colour of skin	dark purple to black	dark purple to black
<input checked="" type="checkbox"/>	*Fruit: colour of flesh	orange	yellowish to green
<input type="checkbox"/>	Fruit: firmness of flesh	firm	firm
<input checked="" type="checkbox"/>	Fruit: juiciness	strong	weak to medium
<input type="checkbox"/>	Fruit: acidity	medium	medium
<input checked="" type="checkbox"/>	Fruit: sweetness	high to very high	medium
<input checked="" type="checkbox"/>	*Fruit: degree of adherence of stone to flesh	fully adherent	semi-adherent

<input type="checkbox"/>	*Stone: size	medium	small to medium
<input type="checkbox"/>	*Stone: general shape in profile	round-elliptical	round-elliptical
<input type="checkbox"/>	Stone: shape in ventral view	flattened	flattened
<input checked="" type="checkbox"/>	Stone: shape in basal view	long-elliptical	round-elliptical
<input type="checkbox"/>	Stone: symmetry in profile	symmetric	symmetric
<input type="checkbox"/>	Stone: symmetry in ventral view	symmetric	symmetric
<input type="checkbox"/>	*Stone: position of maximum width	at centre	at centre
<input checked="" type="checkbox"/>	Stone: texture of lateral surfaces	rough	granular
<input type="checkbox"/>	Stone: margins of dorsal groove	entire	entire
<input type="checkbox"/>	Stone: sharpness of the edges	medium	medium to strong
<input type="checkbox"/>	Stone: width of ventral zone	narrow to medium	narrow to medium
<input type="checkbox"/>	Stone: width of stalk-end	medium	narrow to medium
<input checked="" type="checkbox"/>	Stone: angle of stalk-end	acute	right angle or nearly right angle
<input checked="" type="checkbox"/>	Stone: shape of pistil end	intermediate	pointed
<input checked="" type="checkbox"/>	*Time of: flowering	early to medium	late
<input checked="" type="checkbox"/>	*Time of: ripening	medium	late to very late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sweetcot’	‘Angeleno’
<input checked="" type="checkbox"/> Fruit: pubescence	present	absent
<input checked="" type="checkbox"/> Leaf: shape	apricot like	plum like

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2003	Granted	‘Sweetcot’

First sold in the USA in Jan 2003.

Description: **Peter Buchanan**, Hodgsonvale, QLD.

Details of Application

Application Number	2007/325
Variety Name	'Plumsweettwo'
Genus Species	<i>Prunus salicina</i>
Common Name	Japanese Plum
Synonym	Sweet Plum Two
Accepted Date	18 Mar 2008
Applicant	Lowell G. Bradford, Le Grand, CA, USA
Agent	Buchanan's Nursery, Hodgsonvale, QLD
Qualified Person	Peter Buchanan

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademark Office
Overseas Data Reference Number	US PP14,196
Location	Overseas data was verified at Buchanan's Nursery, 262 Breydon Rd, Hodgsonvle. 4352.
Descriptor	Japanese Plum (<i>Prunus salicina</i>) TG/84/3.
Period	2 years.
Conditions	Normal growing conditions for Hodgsonvale, QLD. Some drought conditions were experienced. Supplemental irrigation was required for the duration of the trial.
Trial Design	10 trees of the proposed variety and the comparator were planted at 1.5m x 5m tree spacing. Irrigation was applied and industry standard management practice was used.
Measurements	Observations of tree and fruit characteristics were made to confirm the variety is true to type and to see if there were any climatic or geographic variations.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The new variety was hybridised by Lowell Glen Bradford in 1996, germinated and grown as a seedling on its own root in his greenhouse, and upon reaching dormancy transplanted to a cultivated area of the experimental orchard at Bradford Farms, Le Grand California. The variety was developed as a first generation cross using an unnamed plum seedling as the selected seed parent and 'Black Noble' plum (USPP 7504) as the selected pollen parent. Subsequent to origination of the new plum variety it was reproduced by budding and grafting and such reproduction of the plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

Choice of Comparators

Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	position of maximum diameter	at centre
Fruit	symmetry	symmetric
Fruit	shape of apex	flat
Fruit	depth of stalk cavity	medium
Fruit	ground colour of skin	purple
Fruit	colour of flesh	red
Fruit	firmness of flesh	firm/very firm
Fruit	acidity	medium to strong
Fruit	juiciness	strong
Fruit	sweetness	high/very high
Fruit	degree of adherence of stone to flesh	fully adherent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Black Noble'	Pollen parent

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Candy Gem'	flesh colour	red	yellow
'Red Nobel'	flesh colour	red	yellow

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Plumsweettwo'	'Black Noble'
<input checked="" type="checkbox"/> Tree: vigour	strong	medium
<input checked="" type="checkbox"/> Tree: density of the head	medium to dense	open to medium
<input type="checkbox"/> One year old shoot: attitude	semi-erect	erect to semi-erect
<input type="checkbox"/> One year old shoot: intensity of colour	light to medium	medium to dark
<input type="checkbox"/> Spur: length	short to medium	short to medium
<input type="checkbox"/> Wood bud: size	medium	medium
<input type="checkbox"/> Wood bud: shape	conical	conical
<input type="checkbox"/> Wood bud: position relative to shoot	slightly held out	slightly held out
<input checked="" type="checkbox"/> Leaf: attitude	upwards to horizontal	horizontal to downwards
<input type="checkbox"/> *Leaf blade: shape	elliptic	elliptic

<input type="checkbox"/>	*Leaf blade: angle of the tip	pointed	pointed
<input type="checkbox"/>	Leaf blade: green colour of upper side	dark	medium to dark
<input type="checkbox"/>	Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/>	Leaf blade: hairiness of lower side	weak	very weak to weak
<input checked="" type="checkbox"/>	Leaf blade: incisions of margin	serrate	crenate
<input type="checkbox"/>	*Petiole: length	medium to long	medium
<input type="checkbox"/>	Petiole: hairiness of upper side	weak	very weak to weak
<input type="checkbox"/>	Petiole: depth of groove	shallow to medium	shallow
<input type="checkbox"/>	Leaf: position of glands	on both leaf base and petiole	on both leaf base and petiole
<input type="checkbox"/>	*Peduncle: length	medium	medium
<input type="checkbox"/>	Flowers: on one year old shoots	absent	absent
<input type="checkbox"/>	Flowers: frequency of flowers with double petals	none or very few	none or very few
<input checked="" type="checkbox"/>	Flowers: size	medium to large	small
<input type="checkbox"/>	Flower: overlapping of petals	free to touching	free to touching
<input type="checkbox"/>	Sepal: shape	ovate	elliptic
<input type="checkbox"/>	Petal: size	medium	small
<input checked="" type="checkbox"/>	*Petal: shape	obovate	elliptic
<input type="checkbox"/>	Petal: undulation of margin	weak to medium	weak to medium
<input checked="" type="checkbox"/>	Stigma: position as compared with anthers	above	same level
<input checked="" type="checkbox"/>	*Fruit: size	medium to large	small to medium
<input checked="" type="checkbox"/>	*Fruit: general shape	rounded	rounded-flattened
<input type="checkbox"/>	*Fruit: position of maximum diameter	at centre	at centre
<input type="checkbox"/>	*Fruit: symmetry	symmetric	symmetric
<input type="checkbox"/>	Fruit: shape of apex	flat	flat
<input type="checkbox"/>	Fruit: depth of stalk cavity	medium	medium
<input type="checkbox"/>	*Fruit: ground colour of skin	purple	purple
<input type="checkbox"/>	*Fruit: colour of flesh	red	red
<input type="checkbox"/>	Fruit: firmness of flesh	firm	firm to very firm
<input type="checkbox"/>	Fruit: juiciness	strong	strong

<input type="checkbox"/>	Fruit: acidity	medium to strong	medium to strong
<input type="checkbox"/>	Fruit: sweetness	high	high to very high
<input type="checkbox"/>	*Fruit: degree of adherence of stone to flesh	fully adherent	fully adherent
<input checked="" type="checkbox"/>	*Stone: size	medium to large	small to medium
<input type="checkbox"/>	*Stone: general shape in profile	round-elliptical	round-elliptical
<input type="checkbox"/>	Stone: shape in ventral view	flattened	flattened
<input type="checkbox"/>	Stone: shape in basal view	round-elliptical	long-elliptical
<input type="checkbox"/>	Stone: symmetry in profile	symmetric	symmetric
<input type="checkbox"/>	Stone: symmetry in ventral view	symmetric	symmetric
<input type="checkbox"/>	*Stone: position of maximum width	at centre	at centre
<input checked="" type="checkbox"/>	Stone: texture of lateral surfaces	rough	granular
<input checked="" type="checkbox"/>	Stone: margins of dorsal groove	broken	entire
<input type="checkbox"/>	Stone: sharpness of the edges	medium to strong	medium
<input type="checkbox"/>	Stone: width of ventral zone	medium	medium
<input type="checkbox"/>	Stone: width of stalk-end	medium	medium
<input type="checkbox"/>	Stone: angle of stalk-end	obtuse	obtuse
<input checked="" type="checkbox"/>	Stone: shape of pistil end	intermediate	rounded
<input type="checkbox"/>	*Time of: flowering	medium	early to medium
<input checked="" type="checkbox"/>	*Time of: ripening	medium	early

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2002	Granted	'Plumsweettwo'

First sold in the USA in Jan 2003.

Description: **Peter Buchanan**, Hodgsonvale, QLD.

Details of Application

Application Number	2007/151
Variety Name	'Riverina James'
Genus Species	<i>Lavandula</i> hybrid
Common Name	Lavender
Synonym	Nil
Accepted Date	11 Jul 2007
Applicant	Dr Nigel Urwin, Wagga Wagga, NSW
Agent	N/A
Qualified Person	Nigel Urwin

Details of Comparative Trial

Location	Charles Sturt University.
Descriptor	<i>Lavandula</i> (<i>Lavandula</i>) TG TG/194/1.
Period	Sep 2007 – Dec 2008.
Conditions	Plants were propagated from cuttings collected from the CSU lavender collection in Sep 2007. Cuttings were dipped in Clonex™ rooting hormone gel (3g/L Indole butyric acid) and placed in Debco™ seed raising mix. Cuttings were rooted on raised misting beds at 25°C for 6 weeks. Rooted cuttings were transferred to Debco™ Terracotta and Tub potting mix and were grown in 9cm diameter pots. Plants were transferred to same medium in 20cm diameter pots on the 1 Jan 2008. Plants were fertilised and grown with daily watering either by hand or fixed overhead sprayers as required.
Trial Design	Ten plants of five varieties including the test variety, comparators and maternal parent were grown. Individual plants were numbered and they were arranged in a completely randomised block design (10 x 5 block).
Measurements	The trial was scored on 7 Nov 2008 and corolla colour was again scored 25 th November when more flowers had opened using an RHS colour chart. On examination of the trial the maternal parent 'Meg' and comparator 'Derwent Grey' were excluded on the basis of pronounced leaf indentation and pronounced leaf pubescence respectively.
RHS Chart - edition	Fifth .

Origin and Breeding

The maternal parent was a *L. dentata* var. *candicans* plant given to the breeder by Mrs. Meg Bilney from the Australian Lavender Growers Association (TALGA). This plant had been growing in her garden for many years and was originally found on a roadside on the York peninsula. The plant is not of a known variety. It is *L. dentata* var. *candicans* and it was given the name 'Meg'. This plant was placed in the lavender collection at Charles Sturt University in 2002 where it was allowed to be freely cross pollinated by other plants in the collection. Seed was collected from *L. dentata* 'Meg' in 2003 and 160 seedlings were grown. Plants were examined when they reached the stage of having 3 or 4 true sets of leaves. Plants with reduced leaf margin indentations were selected and this indicated that these seedlings were of hybrid origin. Seedlings arising from self pollination or pollination by another *L. dentata* variety were easily identified by obvious and pronounced leaf margin indentations typical of *L. dentata*

plants. Ten plants were selected with reduced leaf margin indentation (unlike *L. dentata*). Of these ten plants the majority looked similar to *L. x heterophylla* ‘Anzac Pride’ which is a sterile hybrid of *L. dentata* and *L. latifolia*. These seedlings had reduced leaf indentation, vigorous growth and grey green foliage. One of the plants had much more pronounced leaf margin indentation but not as much as *L. dentata* varieties including the maternal parent ‘Meg’. This differentiated the plant from the maternal parent and the other seedlings. The plant was propagated vegetatively and all plants derived from this single seedling were called Lavandula ‘Riverina James’. This plant has breeder’s codes of D2 and CSU100.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	indentation	indented
Flower	colour	purple/violet
Whole plant	size	medium/large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Anzac Pride’	Both ‘Anzac Pride’ and ‘Jurat’s Giant’ below were previously described as varieties of <i>L. x allardii</i> until the taxon was renamed <i>L. x heterophylla</i> by Upson, T and Andrews, S 2004 The Genus <i>Lavandula</i> . Timber Press. Oregon.
‘Jurat’s Giant’	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Riverina James’	‘Anzac Pride’	‘Jurat’s Giant’
<input type="checkbox"/> *Plant: growth habit	upright	upright	upright
<input type="checkbox"/> *Plant: size	medium to large	medium to large	medium to large
<input type="checkbox"/> Plant: intensity of green colour of foliage	light to medium	light to medium	light to medium
<input type="checkbox"/> Plant: intensity of grey tinge of foliage	medium to strong	medium to strong	medium to strong
<input checked="" type="checkbox"/> *Plant: attitude of outer flowering stems	erect	semi-erect	semi-erect
<input type="checkbox"/> *Plant: density	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: incisions of margin	strongly expressed	weakly expressed	weakly expressed
<input checked="" type="checkbox"/> Flowering stem: length	medium to long	long	long
<input type="checkbox"/> Flowering stem: thickness at middle third	thick	thick	thick
<input type="checkbox"/> *Flowering stem: intensity of green colour	medium	medium	medium
<input type="checkbox"/> *Flowering stem: lateral branching	absent	absent	absent

<input checked="" type="checkbox"/>	*Spike: maximum width	medium to broad	narrow to medium	narrow to medium
<input type="checkbox"/>	*Spike: total length	medium to long	medium to long	medium to long
<input checked="" type="checkbox"/>	*Spike: shape	conical	narrow conical	narrow conical
<input checked="" type="checkbox"/>	Spike: number of flowers	medium to many	medium	medium
<input checked="" type="checkbox"/>	Spike: width of fertile bracts	broad	medium to broad	medium to broad
<input type="checkbox"/>	*Spike: presence of infertile bracts	present	present	present
<input type="checkbox"/>	*Flower: colour of calyx	purplish	purplish	purplish
<input type="checkbox"/>	Flower: pubescence of calyx	medium	medium	medium
<input type="checkbox"/>	*Corolla: colour	purple	purple	purple
<input checked="" type="checkbox"/>	Time of: beginning of flowering	early to medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Riverina James'	'Anzac Pride'	'Jurat's Giant'
<input checked="" type="checkbox"/> Leaf : shape	elliptical	oblanceolate	oblanceolate
<input checked="" type="checkbox"/> corolla: colour	93C	N88A	N88A
<input checked="" type="checkbox"/> Leaf: shape	ovate		

Prior Applications and Sales

Nil.

Description: **Nigel Urwin**, Charles Sturt University, Wagga Wagga, NSW.

Details of Application

Application Number	2006/025
Variety Name	'Nipper'
Genus Species	<i>Lens culinaris</i>
Common Name	Lentil
Synonym	Nil
Accepted Date	24 Mar 2006
Applicant	Agriculture Victoria Services Pty Ltd, Atwood, VIC and Grains Research and Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Antonio Leonforte

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Lentil (<i>Lens culinaris</i>) TG/210/1.
Period	2007.
Conditions	Winter sown, grey mulching clay soil. Management as per best local practice. Lower than average seasonal rainfall.
Trial Design	Randomised complete block design.
Measurements	Plots were machine harvested and grain yield recorded. Seed was then analysed for colour and size.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Nipper' was derived from a crossing program between the Canadian forage lentil 'Indianhead' and 'Northfield' ('Indianhead'/ 'Northfield'// 'Northfield'). The final cross was made in 1995 (95-002L). 'Nipper' was selected as a single plant from an F₃ bulk derived a single F₁ plant. 'Nipper' was evaluated under the breeding names 95-002L*96G3-98H002 and CIPAL203. 'Nipper' was selected to replace the red lentil variety 'Northfield' in the more favourable medium rainfall lentil growing areas of Australia. 'Nipper' has a similar seed size and shape to 'Northfield' for premium export markets but it has a grey seed coat suited to Indian subcontinent markets. 'Nipper' is mid to late flowering and like 'Northfield' is resistant to ascochyta blight and the exotic disease fusarium wilt. 'Nipper' has improved botrytis grey mould resistance derived from 'Indianhead' and improved tolerance to soil salinity. Breeder: Michael Materne, Department of Primary Industries, Horsham, VIC.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Cotyledon	colour	orange
Flower	colour of standard	blue
Pod	colour at dry harvest maturity	yellow
Pod	length at dry harvest maturity	medium
Dry seed	number of colours	one
Dry seed	profile in longitudinal section	broad-elliptic
Dry seed	weight	low

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Northfield'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Digger'	Dry seed size	small	medium	'Digger' also differs from 'Nipper' in characteristics such as growth habit, flowering response, height, lodging at harvest, tolerance to salinity and resistance to ascochyta blight, botrytis grey mould and Fusarium wilt.
'Matilda'	Dry seed seed coat colour	grey	green	'Matilda' also differs from 'Nipper' in characteristics such as cotyledon colour, resistance to ascochyta blight, botrytis grey mould and Fusarium wilt and tolerance to salinity.
'Aldinga'	Dry seed seed coat colour	grey	green	'Aldinga' also differs from 'Nipper' in characteristics such as growth habit, height, lodging at harvest, tolerance to salinity and resistance to ascochyta blight, botrytis grey mould and Fusarium wilt.
'Nugget'	Dry seed size	small	medium	'Nugget' also differs from 'Nipper' in characteristics such as growth habit, flowering response, height, lodging at harvest, tolerance to salinity and resistance to ascochyta blight, botrytis grey mould and Fusarium wilt.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Nipper’	‘Northfield’
<input type="checkbox"/> *Cotyledon: colour	orange	orange
<input type="checkbox"/> Plant: habit	semi-erect	semi-erect
<input checked="" type="checkbox"/> *Plant: anthocyanin colouration	present	absent
<input type="checkbox"/> *Plant: height	short	short to medium
<input type="checkbox"/> Plant: intensity of ramification	medium	medium
<input type="checkbox"/> Leaf: shape	elliptic	elliptic
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: number of leaflets	medium to many	medium to many
<input type="checkbox"/> Leaflet: size	small to medium	small to medium
<input type="checkbox"/> Raceme: number of flowers per node	two to three	two to three
<input type="checkbox"/> Flower: size	medium	medium
<input type="checkbox"/> *Flower: colour of standard	blue	blue
<input type="checkbox"/> Pod: intensity of colour	medium	medium
<input type="checkbox"/> Pod: number of ovules	mainly two	mainly two
<input type="checkbox"/> *Pod: colour at dry harvest maturity	yellow	yellow
<input type="checkbox"/> *Pod: length at dry harvest maturity	medium	medium
<input type="checkbox"/> Pod: width	medium	medium
<input type="checkbox"/> Pod: shape of apex	truncate	truncate
<input type="checkbox"/> *Dry seed: width	medium	medium
<input type="checkbox"/> *Dry seed: profile in longitudinal section	broad elliptic	broad elliptic
<input type="checkbox"/> *Dry seed: number of colours	one	one
<input checked="" type="checkbox"/> *Dry seed: main colour of testa	ochre	pink
<input type="checkbox"/> *Dry seed: weight	low	low
<input type="checkbox"/> *Time of: flowering	medium to late	medium to late
<input type="checkbox"/> Time of: maturity	medium	medium

Prior Applications and Sales

Nil.

Description: **Michael Materne**, Department of Primary Industries, Horsham, VIC.

Details of Application

Application Number	2006/024
Variety Name	'Boomer'
Genus Species	<i>Lens culinaris</i>
Common Name	Lentil
Synonym	Nil
Accepted Date	24 Mar 2006
Applicant	Agriculture Victoria Services Pty Ltd, Atwood, VIC and Grains Research and Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Antonio Leonforte

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Lentil (<i>Lens culinaris</i>) TG/210/1.
Period	2007.
Conditions	Winter sown experiment, grey self mulching clay soil. Management as per best practice for the region. Lower than average rainfall.
Trial Design	Randomised Complete Block Design.
Measurements	Seed size; seed colour.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Boomer' was derived from a cross (94-004) between the ICARDA line ILL5722, released in Australia as 'Digger', and the green lentil variety 'Palouse' bred by Washington State University ('Digger'/ 'Palouse'). 'Boomer' is derived from a single plant selection made from an F₄ bulk population sown at Rosebery, VIC in 1999 (94-004L*99RO35). 'Boomer' was selected for large green seed, increased plant height and early vigour and resistance to botrytis grey mould and ascochyta blight. 'Boomer' has a high yield potential across lentil production regions of Australia, similar to the best red lentil varieties. Breeder: Michael Materne, Department of Primary Industries, Horsham, VIC.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Cotyledon	colour	greenish yellow
Plant	anthocyanin colouration	absent
Flower	colour of standard	blue
Dry seed	number of colours	one
Dry seed	main colour of testa	green
Dry seed	profile in longitudinal section	broad elliptic

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Matilda'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Northfield'	cotyledon colour colour	yellow	orange	'Northfield' is a red lentil and differs dramatically to 'Boomer' in seed coat and cotyledon colour as well as other characteristics such as vigour, size of plant parts and number of seeds per pod.
'Digger'	cotyledon colour colour	yellow	orange	'Digger' is a red lentil and differs dramatically to 'Boomer' in seed coat and cotyledon colour as well as other characteristics such as vigour, size of plant parts and number of seeds per pod.
'Nugget'	cotyledon colour colour	yellow	orange	'Nugget' is a red lentil and differs dramatically to 'Boomer' in seed coat and cotyledon colour as well as other characteristics such as vigour, size of plant parts and number of seeds per pod.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Boomer'	'Matilda'
<input type="checkbox"/> *Cotyledon: colour	greenish yellow	greenish yellow
<input type="checkbox"/> Plant: habit	semi-erect	semi-erect
<input type="checkbox"/> *Plant: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> *Plant: height	tall	medium
<input type="checkbox"/> Plant: intensity of ramification	medium	medium
<input type="checkbox"/> Leaf: shape	elliptic	elliptic
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: number of leaflets	medium	medium
<input type="checkbox"/> Leaflet: size	large	medium to large
<input type="checkbox"/> Raceme: number of flowers per node	two to three	two to three
<input type="checkbox"/> Flower: size	large	medium

<input type="checkbox"/>	*Flower: colour of standard	blue	blue
<input type="checkbox"/>	Pod: intensity of colour	medium	medium
<input type="checkbox"/>	Pod: number of ovules	one to two	one to two
<input type="checkbox"/>	*Pod: colour at dry harvest maturity	yellow	yellow
<input type="checkbox"/>	*Pod: length at dry harvest maturity	medium to long	medium
<input type="checkbox"/>	Pod: width	broad	medium
<input type="checkbox"/>	Pod: shape of apex	truncate	truncate
<input checked="" type="checkbox"/>	*Dry seed: width	broad	medium
<input type="checkbox"/>	*Dry seed: profile in longitudinal section	broad elliptic	broad elliptic
<input type="checkbox"/>	*Dry seed: number of colours	one	one
<input type="checkbox"/>	*Dry seed: main colour of testa	green	green
<input checked="" type="checkbox"/>	*Dry seed: weight	high	medium
<input type="checkbox"/>	*Time of: flowering	medium	medium
<input type="checkbox"/>	Time of: maturity	medium to late	medium

Prior Applications and Sales

Nil.

Description: **Michael Materne**, Department of Primary Industries, Horsham, VIC.

Details of Application

Application Number	2006/085
Variety Name	'Wildfire'
Genus Species	<i>Leucadendron</i> hybrid
Common Name	Leucadendron
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	Protea World, Yundi, SA
Agent	N/A
Qualified Person	Kate Delaporte

Details of Comparative Trial

Location	Protea World, Yundi SA.
Descriptor	Leucadendron (<i>Leucadendron</i>) TG/127/3.
Period	Jul 2006 – Oct 2008.
Conditions	8 plants each of the Candidate Variety <i>Leucadendron</i> 'Wildfire' (male) and the comparators <i>Leucadendron</i> 'Starstruck' (female) and <i>Leucadendron discolor</i> unnamed cultivated variety (male), growing in pots with irrigation in open space.
Trial Design	8 plants of candidate and 8 plants each of comparators, in pots, irrigated, grown from cuttings for period of 12 months; randomly arranged.
Measurements	At full flowering, 4 plants of each variety were randomly selected for measurements. From each plant, 10-20 measurements were taken of each character where required.
RHS Chart - edition	1988

Origin and Breeding

Leucadendron 'Wildfire' was selected from a seedling growing in a cultivated population of mixed *Leucadendron* species. The seedling resulted from natural pollination. The female parent is considered to be *Leucadendron salignum* and the male parent *Leucadendron discolor*. In October 2004, 60 cuttings were taken from the seedling. All resulting plants were true to form of the original propagation material. Breeder: Neville and Gill Gibson, Protea World, Yundi, SA.

Choice of Comparators

Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	erect
Plant	lignotuber	absent
Leaf	blade always upright	absent
Leaf	predominant attitude in relation to branch	oblique

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Leucadendron discolor</i>	Unnamed cultivated form found growing at Applicants property and propagated for commercial sale
'Starstruck'	<i>Leucadendron salignum</i>

Organ/Plant Part: Context	'Wildfire'	<i>Leucadendron</i> <i>discolor</i>	'Starstruck'
<input checked="" type="checkbox"/> *Plant: sex	male	male	female
<input type="checkbox"/> *Plant: growth habit	erect	erect	erect
<input checked="" type="checkbox"/> Plant: height	medium	medium	short
<input type="checkbox"/> Plant: diameter	medium	medium	medium
<input type="checkbox"/> Plant: density of foliage	medium	sparse	medium
<input type="checkbox"/> *Plant: lignotuber	absent	absent	absent
<input type="checkbox"/> Main stem: thickness (non lignotuberous varieties only)	medium	medium	medium
<input checked="" type="checkbox"/> Main stem: colour (non lignotuberous varieties only)	dark brown	brown	brown
<input type="checkbox"/> Leaf: blade always upright	absent	absent	absent
<input type="checkbox"/> Leaf: predominant attitude in relation to branch	oblique	oblique	oblique
<input type="checkbox"/> Leaf: length	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: width	narrow	broad	narrow
<input checked="" type="checkbox"/> Leaf: ratio length/width	large	small	large
<input checked="" type="checkbox"/> *Leaf: position of broadest part	along most of its length	above middle	above middle
<input checked="" type="checkbox"/> *Leaf: shape of apex	obtuse	rounded	acute
<input checked="" type="checkbox"/> *Leaf: shape of base	acute	truncate	acute
<input type="checkbox"/> Leaf: shape in cross section	flat	flat	flat
<input checked="" type="checkbox"/> *Leaf: predominant colour	yellow green	yellow green	green
<input type="checkbox"/> Leaf: undulation of margin	absent	absent	absent
<input type="checkbox"/> Leaf: colour of margin	reddish	reddish	reddish
<input checked="" type="checkbox"/> Leaf: fringe on margin	present	present	absent
<input checked="" type="checkbox"/> Leaf: position of fringe on margin	on entire margin	on entire margin	
<input checked="" type="checkbox"/> Plant: number of flowering branches on 30 cm length of flowering material	more than 5	one	one
<input checked="" type="checkbox"/> Flowering branches: length	short	medium	medium
<input checked="" type="checkbox"/> Flowering branches: thickness	thin	medium	medium
<input checked="" type="checkbox"/> Flowering branch: rigidity	weak	strong	medium
<input type="checkbox"/> Flowering branch: pubescence	inconspicuous	inconspicuous	inconspicuous
<input checked="" type="checkbox"/> Flowering branch: predominant colour	greenish	yellowish	reddish

<input checked="" type="checkbox"/>	Flower head: number of floret masses	more than one	one	one
<input checked="" type="checkbox"/>	Flower head: fragrance	present	present	absent
<input checked="" type="checkbox"/>	Flower head: intensity of fragrance	weak	medium	
<input type="checkbox"/>	Flower head: number of involucral leaves	medium	medium	medium
<input checked="" type="checkbox"/>	Outer involucral leaf: length	medium	long	medium
<input type="checkbox"/>	Outer involucral leaf: width	medium	broad	narrow
<input checked="" type="checkbox"/>	Outer involucral leaf: ratio length/width	medium	small	large
<input checked="" type="checkbox"/>	*Outer involucral leaf: position of broadest part	along most of its length	above middle	along most of its length
<input type="checkbox"/>	*Outer involucral leaf: predominant colour, if differing from that of inner involucral leaf	yellow green	yellow	purplish
<input checked="" type="checkbox"/>	*Inner involucral leaf: predominant attitude	semi-spreading	incurving to erect	incurving to erect
<input checked="" type="checkbox"/>	*Inner involucral leaf: length	medium	long	medium
<input checked="" type="checkbox"/>	*Inner involucral leaf: width	narrow	broad	narrow
<input checked="" type="checkbox"/>	Inner involucral leaf: ratio length/width	medium	small	large
<input checked="" type="checkbox"/>	Inner involucral leaf: position of broadest part	along most of its length	in middle	in middle
<input checked="" type="checkbox"/>	Inner involucral leaf: shape of apex	obtuse	rounded	acute
<input checked="" type="checkbox"/>	Inner involucral leaf: incurving of apex	absent	present	absent
<input type="checkbox"/>	Inner involucral leaf: inrolling of margin at apex	present	present	present
<input type="checkbox"/>	Inner involucral leaf: pubescence	inconspicuous	inconspicuous	inconspicuous
<input type="checkbox"/>	Inner involucral leaf: fringe on margin	absent	absent	absent
<input checked="" type="checkbox"/>	*Inner involucral leaf: predominant colour	yellow green	yellow	red
<input checked="" type="checkbox"/>	*Floret mass: degree of concealment by involucral leaves	fully exposed	somewhat exposed	fully concealed
<input checked="" type="checkbox"/>	*Floret mass: length	medium	long	medium
<input checked="" type="checkbox"/>	Floret mass: diameter	medium	large	small
<input type="checkbox"/>	Floret mass: ratio length/diameter	small	small	small

<input checked="" type="checkbox"/>	*Male floret mass: colour of distal part	orange	red	
<input checked="" type="checkbox"/>	*Male floret mass: colour of basal part	yellow	orange	
<input type="checkbox"/>	Floret mass: pubescence	inconspicuous	inconspicuous	conspicuous
<input checked="" type="checkbox"/>	*Floret mass: size of basal bract	medium	medium	small
<input checked="" type="checkbox"/>	Floret mass: curvature of basal bract	conspicuous	conspicuous	inconspicuous
<input type="checkbox"/>	*Floret mass: predominant colour of basal bract	brown	brown	brown
<input checked="" type="checkbox"/>	*Time of: flowering	medium	late	early
<input checked="" type="checkbox"/>	*Leaf: colour change out of flowering season	absent	absent	present
<input checked="" type="checkbox"/>	*Outer involucre leaf: colour change out of flowering season	present	absent	present
<input checked="" type="checkbox"/>	*Inner involucre leaf: colour change out of flowering season	absent	absent	present

Statistical Table

Organ/Plant Part: Context	'Wildfire'	<i>Leucadendron discolor</i>	'Starstruck'
<input type="checkbox"/> Plant: height (mm)			
Mean	745.00	860.00	475.00
Std. Deviation	84.26	95.22	25.17
LSD/sig	430.42	ns	ns
<input type="checkbox"/> Plant: diameter (mm)			
Mean	477.50	462.50	325.00
Std. Deviation	32.02	47.87	50.00
LSD/sig	194.33	ns	ns
<input type="checkbox"/> Main stem: thickness (mm)			
Mean	18.38	23.25	13.25
Std. Deviation	0.95	4.92	0.96
LSD/sig	11.92	ns	ns
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	41.75	40.82	38.07
Std. Deviation	5.88	5.98	5.15
LSD/sig	2.21	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	8.62	16.50	7.43
Std. Deviation	0.99	2.04	0.92
LSD/sig	1.55	P≤0.01	ns
<input checked="" type="checkbox"/> Flower head: number of involucre leaves (leaf)			
Mean	11.03	7.97	10.04

Std. Deviation	1.12	0.37	1.56
LSD/sig	0.64	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Outer involucre leaf: length (mm)			
Mean	45.95	55.67	50.72
Std. Deviation	3.70	4.26	3.83
LSD/sig	2.14	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Outer involucre leaf: width (mm)			
Mean	10.94	22.76	7.57
Std. Deviation	1.00	2.41	1.15
LSD/sig	2.41	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inner involucre leaf: length (mm)			
Mean	41.01	49.84	40.39
Std. Deviation	4.04	6.03	4.93
LSD/sig	2.44	P≤0.01	ns
<input checked="" type="checkbox"/> Inner involucre leaf: width (mm)			
Mean	8.88	20.05	7.35
Std. Deviation	1.34	3.49	1.49
LSD/sig	2.23	P≤0.01	ns
<input checked="" type="checkbox"/> Floret mass: length (mm)			
Mean	17.78	30.45	16.97
Std. Deviation	2.44	3.38	1.98
LSD/sig	2.48	P≤0.01	ns
<input type="checkbox"/> Floret mass: width (mm)			
Mean	14.87	22.66	11.68
Std. Deviation	3.25	2.48	1.08
LSD/sig	1.91	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Floret mass: size of basal bract length (mm)			
Mean	6.85	7.64	3.57
Std. Deviation	0.88	0.89	0.62
LSD/sig	0.68	P≤0.01	P≤0.01

Note: one tailed t-test was used for statistical analysis.

Prior Applications and Sales

Nil.

Description: **Kate Delaporte**, Scholefield Robinson Horticultural Services, Fullarton, SA.

Details of Application

Application Number	2004/202
Variety Name	'Zanlorsanna'
Genus Species	<i>Lilium</i> hybrid
Common Name	Lily
Synonym	Nil
Accepted Date	6 Aug 2004
Applicant	Van Zanten Flowerbulbs B.V., Hillgom, The Netherlands
Agent	F B Rice & Co, Balmain, NSW
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing Authority	Community Plant Variety Office
Overseas Data Reference Number	LEL 2039
Location	DLO Foundation, WOT-unit, CGN Plant Variety Research, Wageningen.
Descriptor Period	Lily (<i>Lilium</i>) TG/59/6. 2007-2008
Conditions	Comparative study conducted at Silvan (Latitude 37.5S, Longitude 145.3E), VIC in an environmentally controlled greenhouse during spring/early summer 2007/2008 (Southern Hemisphere). Cool-stored bulbs planted into a cocopeat based potting mix held in rectangular trays 55 x 35cm in area and 15-18cm deep. Plants spaced to express their true growth characteristics. Plants throughout their life cycle maintained under sound cultural practices. Overall plants growth vigorous, free from stress.
Trial Design	Trays for each variety were replicated twice and each tray held up to 15 bulbs of flowering size.
Measurements	Observations and measurements made at random from within the plant population. Weak plants were rejected. Measurements taken were, stem length excluding flower head, length and width of leaves sampled midway along stem and just under flower head, length and width of longest outer tepal, and flower number in flower head.
RHS Chart - edition	1986.

Origin and Breeding

Controlled pollination: unnamed seed parent by unnamed pollen parent was crossed in 1995. 'Zanlorsanna' is the result of the random crossing of the proprietary seedlings and this selection underwent testing from 1997 to 2003. All work conducted under greenhouse conditions. Selection criteria: vigorous growth, erect flowers, attractive flower colour, bud number per bulb size, and length of growth cycle. 'Zanlorsanna' has been flowered for a minimum of three generations and proved genetically stable. Multiplication achieved by twin scaling of mature bulbs and in-vitro propagation. Breeding directed by van Zanten Flowerbulbs B.V. at Hillegom, the Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	oriental hybrid
Flower	colour	light blue-pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Lido'	Stem: anthocyanin colouration present. Tepal: spots on inner side absent.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
Maternal parent	plant height	tall	short
Pollen parent	flower colour	light blue-pink	medium pink
'Tiararoyal'	stamen pollen production	pollen	no pollen

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Zanlorsanna'	'Lido'
<input type="checkbox"/> Ploidy:		
<input type="checkbox"/> *Plant: height	tall	medium to tall
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	absent	present
<input type="checkbox"/> Stem: distribution of anthocyanin colouration		
<input type="checkbox"/> Stem: number of leaves on middle third	few to medium	few to medium
<input type="checkbox"/> *Leaf: arrangement	alternate	alternate
<input type="checkbox"/> *Leaf: level of tip compared to point of attachment to stem	above	above
<input type="checkbox"/> *Leaf: distal part	straight	straight
<input type="checkbox"/> Leaf: length	medium	medium
<input type="checkbox"/> Leaf: width	broad	medium to broad
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak
<input type="checkbox"/> Leaf: cross section	flat	flat
<input type="checkbox"/> *Inflorescence: type	racemose	racemose
<input type="checkbox"/> Inflorescence: number of flowers	few to medium	few
<input type="checkbox"/> Inflorescence: pubescence	absent or very weak	very weak to weak
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> *Flower: attitude of longitudinal axis	erect	erect
<input type="checkbox"/> Flower: length of longest outer tepal	medium	medium to long
<input type="checkbox"/> Flower: width of widest outer tepal	medium to broad	medium to broad

<input checked="" type="checkbox"/>	*Flower: main colour of inner side of inner tepal (RHS colour chart)	red-purple 68B (68D)	red-purple group. near RHS 65B/73D
<input checked="" type="checkbox"/>	Flower: main colour of outer side of inner tepal (RHS colour chart)	red-purple 73B	red-purple group. near 73D/75C
<input checked="" type="checkbox"/>	*Flower: main colour of inner side of outer tepal (RHS colour chart)	red-purple 68B (68D)	red-purple group, near 65B/73D
<input type="checkbox"/>	*Flower: type of colouration of inner side of inner tepal	self coloured	self coloured
<input type="checkbox"/>	*Flower: colour distribution (single coloured varieties only)	lighter towards base	
<input type="checkbox"/>	*Flower: secondary colour (bicoloured varieties only) (RHS colour chart)		
<input type="checkbox"/>	*Flower: secondary colour at margin (bicoloured varieties only)		
<input type="checkbox"/>	*Flower: secondary colour on basal half (bicoloured varieties only)		
<input type="checkbox"/>	*Flower: colour of the nectar furrow	green	green
<input checked="" type="checkbox"/>	*Tepal: spots on inner side	present	absent
<input type="checkbox"/>	*Tepal: number of spots on inner side	medium	
<input type="checkbox"/>	*Tepal: size of spotted area on inner side	medium to large	
<input type="checkbox"/>	*Tepal: spots on papillae	present	
<input checked="" type="checkbox"/>	*Tepal: colour at the base of the main vein	white	pink
<input type="checkbox"/>	Tepal: texture of inner side	papillose	papillose
<input type="checkbox"/>	Tepal: undulation of margin	medium	medium to strong
<input type="checkbox"/>	Tepal: type of undulation of margin	fine and coarse	fine and coarse
<input type="checkbox"/>	*Tepal: recurved part	distal part only	distal part only
<input type="checkbox"/>	*Tepal: degree of recurving	medium to strong	medium
<input type="checkbox"/>	Stamen: length	medium	medium
<input type="checkbox"/>	*Stamen: main colour of filament	green	green
<input type="checkbox"/>	*Stamen: colour of anther	orange brown	purple
<input type="checkbox"/>	Pollen: colour	orange	orange brown
<input type="checkbox"/>	*Style: main colour	green	green
<input type="checkbox"/>	Flower: position of stigma in relation to anthers	above	above
<input checked="" type="checkbox"/>	Stigma: colour	green	grey
<input checked="" type="checkbox"/>	*Time of: flowering	early	medium

Statistical Table

Organ/Plant Part: Context	'Zanlorsanna'	'Lido'
<input type="checkbox"/> Stem excluding inflorescence: length (cm)		
Mean	77.60	89.10
Std. Deviation	1.52	6.0
<input type="checkbox"/> Leaf midway on stem: length (mm)		
Mean	99.00	97.0
Std. Deviation	16.80	12.3
<input type="checkbox"/> Leaf midway on stem: width (mm)		
Mean	27.40	20.0
Std. Deviation	5.40	3.7
<input type="checkbox"/> Outer tepal: length (mm)		
Mean	129.00	135.10
Std. Deviation	5.74	4.1
<input type="checkbox"/> Outer tepal: width (mm)		
Mean	39.60	37.2
Std. Deviation	2.07	1.9
<input type="checkbox"/> Flower: number		
Mean	4.00	2.8
Std. Deviation	0.71	0.8

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Chile	2005	Granted	'Zanlorsanna'
New Zealand	2004	Granted	'Zanlorsanna'
EU	2002	Granted	'Zanlorsanna'

First sold in The Netherlands in Jan 2004.

Description: **Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Details of Application

Application Number	2006/037
Variety Name	'LIRJ'
Genus Species	<i>Liriope muscari</i>
Common Name	Lilyturf
Synonym	Nil
Accepted Date	24 Mar 2006
Applicant	Ozbreed Pty Ltd, Clarendon, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Clarendon, NSW
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES.
Period	Oct 2007 – Jan 2008.
Conditions	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	1995.

Origin and Breeding

Seedling selection: seed parent *Liriope muscari*. The seed parent is characterised by a broad leaf width, medium leaf thickness and medium shoot density. Approximately 30,000 seedlings were grown in 1999. In 2001 4 plants were selected as having desirable traits including narrow leaf width and dense growth habit. Finally in 2002 one of these plants was selected due to its narrow leaf width combined with purple flower colour and dense, compact growth habit. Selection took place in Clarendon, NSW. Selection criteria: narrow leaf width, purple flower colour, dense, compact growth habit. Propagation: vegetative, micropropagation and division is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	tall
Leaf	presence of variegation	absent
Flower	colour	purple to violet

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Evergreen Giant'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Royal Purple'	Leaf	width	narrow	broad	also a shorter leaf length
'Big Blue'	Leaf	width	narrow	broad	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'LIRJ'	'Evergreen Giant'
<input type="checkbox"/> Plant: height	tall	tall
<input checked="" type="checkbox"/> Leaf: length of blade	long	medium to long
<input type="checkbox"/> Leaf: width of blade	narrow	narrow to medium
<input checked="" type="checkbox"/> Leaf: shape of apex	acute	obtuse
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> Leaf: green colour	dark	dark
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	146A	147A
<input checked="" type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	82B	86D

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LIRJ'	'Evergreen Giant'
<input checked="" type="checkbox"/> Peduncle: colour (RHS)	183A-B mixed with 146C-D	186C to 197A
<input type="checkbox"/> Plant: density of shoots	strong	
<input checked="" type="checkbox"/> Flower bud: colour (RHS)	82C-D	86D
<input checked="" type="checkbox"/> Stamen: colour (RHS)	6B	9C
<input type="checkbox"/> Leaf: colour of lower side (RHS)	146B	146A
<input checked="" type="checkbox"/> Leaf: thickness	very thick	medium

Statistical Table

Organ/Plant Part: Context	'LIRJ'	'Evergreen Giant'
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	602.00	429.80
Std. Deviation	79.20	79.20
LSD/sig	90.4	P<0.01
<input type="checkbox"/> Leaf: width (mm)		
Mean	7.50	7.83
Std. Deviation	0.50	0.80
LSD/sig	0.76	ns

<input checked="" type="checkbox"/> Leaf: thickness (mm)		
Mean	0.81	0.59
Std. Deviation	0.10	0.10
LSD/sig	0.13	P≤0.01
<input checked="" type="checkbox"/> Leaf: length:width ratio		
Mean	80.80	55.40
Std. Deviation	11.10	11.90
LSD/sig	13.1	P≤0.01

Prior Applications and Sales

Nil.

Description: **Ian Paananen**, Crop & Nursery Services, Central Coast, NSW.

Details of Application

Application Number	2006/036
Variety Name	'LIRTP'
Genus Species	<i>Liriope muscari</i>
Common Name	Lilyturf
Synonym	Nil
Accepted Date	24 Mar 2006
Applicant	Ozbreed Pty Ltd, Clarendon, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Clarendon, NSW
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES.
Period	Oct 2007 – Jan 2008.
Conditions	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	1995.

Origin and Breeding

Seedling selection: seed parent 'Big Blue'. The seed parent is characterised by a broad leaf width and a light violet coloured flower. Approximately 20,000 seedlings were grown in 2002 and then 600 grown on in the ground. In 2003 7 plants were selected as having desirable traits including narrow leaf width. Finally in 2005 one of these plants was selected due to its narrow leaf width combined with tall inflorescence height, purple flower colour and upright flowering habit. Selection took place in Clarendon, NSW. Selection criteria: narrow leaf width, tall inflorescence height, purple flower colour and upright flowering habit. Propagation: vegetative, micropropagation and division is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	medium/short to medium
Leaf	presence of variegation	absent
Flower	colour	purple to violet

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Big Blue'	
'Royal Purple'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘LIRTP’	‘Big Blue’	‘Royal Purple’
<input type="checkbox"/> Plant: height	medium	medium	short to medium
<input type="checkbox"/> Leaf: length of blade	medium	medium	short to medium
<input checked="" type="checkbox"/> Leaf: width of blade	narrow	broad	broad
<input checked="" type="checkbox"/> Leaf: shape of apex	acute	obtuse	obtuse
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium	medium
<input type="checkbox"/> Leaf: green colour	dark	dark	dark
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	147A	147A	147A
<input checked="" type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	86B	83C	82A-83C

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘LIRTP’	‘Big Blue’	‘Royal Purple’
<input checked="" type="checkbox"/> Flower bud: colour (RHS)	86A	86C	83A
<input checked="" type="checkbox"/> Stamen: colour (RHS)	8A	10A	9C
<input type="checkbox"/> Leaf: colour of lower side (RHS)	146A	146A	146A

Prior Applications and Sales

Nil.

Description: **Ian Paananen**, Crop & Nursery Services, Central Coast, NSW.

Details of Application

Application Number	2006/038
Variety Name	'LIRF'
Genus Species	<i>Liriope muscari</i>
Common Name	Lilyturf
Synonym	Nil
Accepted Date	24 Mar 2006
Applicant	Ozbreed Pty Ltd, Clarendon, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Clarendon, NSW.
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES.
Period	Oct 2007 – Jan 2008.
Conditions	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	1995.

Origin and Breeding

Seedling selection: seed parent 'Big Blue'. The seed parent is characterised by a broad leaf width and a light violet coloured flower. Approximately 20,000 seedlings were grown in 2002 and then 600 grown on in the ground. In 2003 7 plants were selected as having desirable traits including narrow leaf width and dense growth habit. Finally in 2005 one of these plants was selected due to its narrow leaf width combined with pink flower colour and dense growth habit. Selection took place in Clarendon, NSW. Selection criteria: narrow leaf width, dense growth habit, pink flower colour. Propagation: vegetative, micropropagation and division is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	medium
Leaf	presence of variegation	absent
Flower	colour	light violet to light purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Samantha'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘LIRF’	‘Samantha’
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> Leaf: length of blade	medium	medium
<input checked="" type="checkbox"/> Leaf: width of blade	very narrow to narrow	medium
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> Leaf: green colour	dark	dark
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	147A	147A
<input checked="" type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	ca 85A	78C

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘LIRF’	‘Samantha’
<input checked="" type="checkbox"/> Peduncle: colour (RHS)	148A top and 200C base	148B
<input type="checkbox"/> Flower bud: colour (RHS)	84D	84C
<input type="checkbox"/> Stamen: colour (RHS)	7C	7B
<input type="checkbox"/> Leaf: colour of lower side (RHS)	146A	146A

Prior Applications and Sales

Nil.

Description: **Ian Paananen**, Crop & Nursery Services, Central Coast, NSW

Details of Application

Application Number	2006/312
Variety Name	'PacL 501'
Genus Species	<i>Medicago sativa</i>
Common Name	Lucerne
Synonym	Nil
Accepted Date	18 Jun 2007
Applicant	The University of Queensland, St. Lucia, QLD and Grains Research and Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	John Irwin

Details of Comparative Trial

Location	Gatton, QLD.
Descriptor	Lucerne (<i>Medicago sativa</i>) TG/6/5.
Period	10 Sep 2006 – 30 May 2007.
Conditions	The spaced plants were raised as seedlings and transplanted into raised beds of alluvial black soil, with overhead irrigation. Pre-emergent herbicide was applied at the recommended rate prior to transplanting and seeding rows. Fungicide and herbicide treatments were applied as required during the trial.
Trial Design	Spaced plants in a randomised complete block design with 4 replicates; each replicate comprising a row with 33 plants at 0.5m spacing between plants, and 0.5m between rows. The seeded rows were in a 4 replicate design with 3m of row per replicate, establishing 200 seeds/m and 0.75m row spacings.
Measurements	60 spaced plants per cultivar were measured for plant height 2 weeks after the spring and autumn equinoxes, after being cut 2 weeks before the equinoxes; plant height was also assessed at full flowering. Flower colour was determined on 60 spaced plants, using the terminology of Barnes (1972).
RHS Chart - edition	N/A

Origin and Breeding

In 2002, 60 clones of 'Wisfal' (Crop Science 33:217-218) were used as pollen parents in a polycross performed by hand, without vacuum emasculation. The pollen recipients were selected from the lucerne cultivars 'Hunter River', 'Aquarius', 'UQL-1', 'Sequel HR', 'Hallmark', 'Rippa' and 'Sequel' based on disease resistance and persistence after 3 years in the field. The resultant seed was bulked to give syn 1. The syn 1 seed was increased through another two generations in the field at Gatton without intentional selection pressure being applied. Seed from these generations is referred to as gen 1 and gen 2 for the DUS tests. Breeders: J.M. Mackie, D.J. Armour and J.A.G. Irwin, University of Queensland, Brisbane, QLD.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	winter activity	group 5
Plant	natural height	medium
Plant	time of beginning of flowering	medium
Stem	length of the longest stem at full flowering	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'L55'	Winter activity group 5.
'Sardi Five'	Winter activity group 5.
'Hunterfield'	<i>Colletotrichum trifolii</i> susceptible control.
'Venus'	Winter activity group 5.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'PacL 501'	'Hunterfield'	'L55'	'Sardi Five'	'Venus'
<input type="checkbox"/> *Plant: natural height 2 weeks after the first autumn equinox following sowing	medium		medium	medium	medium
<input type="checkbox"/> *Plant: natural height 6 weeks after the first autumn equinox following sowing	medium		medium	medium	medium
<input type="checkbox"/> *Time of: beginning of flowering	medium		medium	medium	medium
<input checked="" type="checkbox"/> *Flower: frequency of plants with very dark blue violet flowers	low to medium		high to very high	high to very high	high to very high
<input checked="" type="checkbox"/> *Flower: frequency of plants with variegated flowers	high		very low to low	very low to low	absent or very low
<input type="checkbox"/> *Flower: frequency of plants with cream, white or yellow flowers	very low to low		absent or very low	absent or very low	absent or very low
<input type="checkbox"/> *Stem: length of the longest stem at full flowering	medium		medium	medium	medium
<input type="checkbox"/> Resistance to: <i>Colletotrichum trifolii</i>	medium	very low to low	medium to high	medium to high	low to medium

Statistical Table

Organ/Plant Part: Context	'PacL 501'	'Hunterfield'	'L55'	'Sardi Five'	'Venus'
<input type="checkbox"/> Plant: natural height 2 weeks after the first autumn equinox following sowing (cm)					
Mean	24.52		23.97	25.72	24.23
Std. Deviation	5.32		4.99	5.52	4.40
LSD/sig	ns		ns	ns	ns
<input type="checkbox"/> Plant: natural height 6 weeks after the first autumn equinox following sowing (cm)					
Mean	26.50		30.12	30.28	28.23
Std. Deviation	9.01		6.45	7.52	6.35
LSD/sig	3.44		P≤0.01	P≤0.01	ns
<input type="checkbox"/> Time of: beginning of flowering (days)					
Mean	40.07		49.25	44.15	40.13
Std. Deviation	9.33		13.01	11.50	10.84
LSD/sig	5.11		P≤0.01	ns	ns
<input checked="" type="checkbox"/> Flower: frequency of plants with very dark blue violet flowers (arcsine trans)(%)					
Mean	35.00		84.65	82.52	90.00
Std. Deviation	7.52		10.71	8.64	0.00
LSD/sig	17.45		P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: frequency of plants with variegated flowers (arcsine trans)(%)					
Mean	53.96		5.35	7.48	0.00
Std. Deviation	7.08		10.71	8.64	0.00
LSD/sig	17.30		P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Flower: frequency of plants with cream, white or yellow flowers (arcsine trans)(%)					
Mean	3.74		0.00	0.00	0.00
Std. Deviation	7.84		0.00	0.00	0.00
LSD/sig	ns		ns	ns	ns
<input type="checkbox"/> Stem: length of the longest stem at full flowering (cm)					
Mean	57.42		52.58	54.08	59.90
Std. Deviation	14.99		13.86	11.61	11.07
LSD/sig	ns		ns	ns	ns
<input checked="" type="checkbox"/> Resistance to: <i>Colletotrichum trifolii</i> (arcsine trans)(%)					
Mean	36.55	14.17	59.91	49.11	20.19
Std. Deviation	4.45	5.35	5.31	6.94	4.59
LSD/sig	10.43	P≤0.01	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **John Irwin**, The University of Queensland, St. Lucia, QLD.

Details of Application

Application Number	2005/275
Variety Name	'NMBP1243'
Genus Species	<i>Mangifera indica</i>
Common Name	Mango
Synonym	Nil
Accepted Date	13 Apr 2006
Applicant	State of Queensland through its Department of Primary Industries and Fisheries, CSIRO, Northern Territory of Australia rep by the Department of Primary Industry, Fisheries and Mines, State of WA through its Department of Agriculture and Food.
Agent	Department of Primary Industries and Fisheries, Brisbane, QLD
Qualified Person	Ian Bally.

Details of Comparative Trial

Location	Southedge Research Station, McMallisn Rd, Paddys Green, PO Box 174, Mareeba QLD 4880. (Lat. 17 °S, Long 145 °E, Elevation 457 metres).
Descriptor	Mango (<i>Mangifera indica</i>) TG/112/4.
Period	2000-2008.
Conditions	The field site has soil of the Morganbury sub-type of red kandosos with deep to very deep brown sandy loam to sandy clay grading to red apedal sandy clay loam to sandy clay, moderately acid to neutral (pH 5.8-7.5) and gravelly. Scions of the candidate and comparator varieties were grafted on to polyembryonic 'Kensington Pride' seedling rootstocks and planted at 4 metres in the row and 7 metres between rows.
Trial Design	The comparative trial design was a randomised complete block design with five single tree replicates of the candidate, parents and comparator cultivars.
Measurements	10 to 20 random measurements were made of each character assessed on each single five single tree replicates.
RHS Chart - edition	Fourth edition.

Origin and Breeding

Controlled pollination: The candidate cultivar was generated by closed pollination using hand pollination techniques (Bally et al. 2000) with 'Irwin' as the maternal parent and 'Kensington Pride' as the paternal (pollen) parent. Selection of the candidate from other progeny of this and other families was done at two sites: Southedge Research Station, Mareeba, QLD and Coastal plains Research Farm, Darwin, NT. The candidate cultivar was selected after comparative evaluation of tree and fruit characteristics over several seasons. Bally ISE, Kulkarni VJ, Johnson PR, Leonardi J, Robinson D, Harris MA, Hamilton D (2000) The Australian National Mango Breeding Project. *Acta Horticulturae* 509, 225-231.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Mature fruit	shape of ventral shoulder	rounded upward
Mature fruit	shape of dorsal shoulder	rounded downward
Mature fruit	bulging proximal of stylar scar	absent or weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'NMBP1243'	Sibling variety with the same parents as 'NMBP1202'.
'NMBP1201'	Sibling hybrid with same parents as 'NMBP1243'.
'Irwin'	Maternal parent.
'Kensington Pride'	Paternal (pollen) parent.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Delta R2E2'	Seed embryony	monoembryonic	polyembryonic	
'B74'	Tree vigour	moderate to high	low to moderate	
'Tommy Atkins'	Fruit time of maturity	very early	late	This cultivar was nominated in the part one application and later excluded when the fruit maturity timing of the candidate cultivar became apparent.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'NMBP1243'	'Irwin'	'Kensington Pride'
<input checked="" type="checkbox"/> *Tree: attitude of main branches	horizontal to drooping	erect to horizontal	erect to horizontal
<input type="checkbox"/> *Young leaf: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> Young leaf: hue of anthocyanin colouration	reddish	brownish	brownish
<input checked="" type="checkbox"/> Young leaf: intensity of anthocyanin colouration	medium to strong	weak to medium	weak to medium
<input type="checkbox"/> Young leaf: shape in cross section	concave	concave	concave
<input checked="" type="checkbox"/> Young leaf: relief of upper face	raised between secondary veins	sunken between secondary veins	smooth
<input type="checkbox"/> Young leaf: undulation of margin	present	present	present
<input type="checkbox"/> *Fully developed leaf: attitude	drooping	drooping	drooping
<input type="checkbox"/> Fully developed leaf: length	short to medium	short to medium	short to medium
<input type="checkbox"/> Fully developed leaf: width	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/> *Fully developed leaf:	very low to low	medium	medium

length/width ratio

<input checked="" type="checkbox"/>	Fully developed leaf: predominant shape	elliptic	elliptic	trullate to ovate
<input type="checkbox"/>	Fully developed leaf: colour	yellow green	yellow green	green
<input type="checkbox"/>	Fully developed leaf: twisting of blade	absent	absent	absent
<input checked="" type="checkbox"/>	Fully developed leaf: shape in cross section	concave	concave	straight
<input checked="" type="checkbox"/>	Fully developed leaf: symmetry	often asymmetric	always symmetric	always symmetric
<input type="checkbox"/>	Fully developed leaf: curvature of midrib	present	present	present
<input checked="" type="checkbox"/>	Fully developed leaf: position of curvature of midrib	from apex	basal	from apex
<input checked="" type="checkbox"/>	Fully developed leaf: relief of upper surface	raised between secondary veins	smooth	smooth
<input type="checkbox"/>	Fully developed leaf: spacing of secondary veins	medium	close to medium	medium to wide
<input type="checkbox"/>	Fully developed leaf: predominant relief of veins on upper surface	smooth	smooth	smooth
<input type="checkbox"/>	Fully developed leaf: undulation of margin	weak	weak	weak
<input checked="" type="checkbox"/>	Fully developed leaf: shape of tip	acute	attenuate	attenuate
<input checked="" type="checkbox"/>	Fully developed leaf: shape of base	obtuse	acute	obtuse
<input type="checkbox"/>	Fully developed leaf: fragrance	present	present	present
<input checked="" type="checkbox"/>	Fully developed leaf: attitude of petiole	semi-erect	erect to semi-erect	perpendicular
<input type="checkbox"/>	Fully developed leaf: length of petiole	short	short to medium	medium
<input type="checkbox"/>	*Inflorescence: attitude of axis	horizontal	erect to horizontal	horizontal
<input type="checkbox"/>	*Inflorescence: length	medium	short to medium	medium
<input type="checkbox"/>	Inflorescence: width	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/>	Inflorescence: ratio length/width	medium	medium	medium
<input type="checkbox"/>	Inflorescence: number of branches	few to medium	few to medium	few to medium
<input type="checkbox"/>	*Inflorescence: colour of axis and branches	pale orange pink	dark pink	pink
<input checked="" type="checkbox"/>	Inflorescence: pubescence on axis and branches	present	present	absent

<input type="checkbox"/>	Inflorescence: density of pubescence on axis and branches	sparse	medium	very sparse
<input type="checkbox"/>	Inflorescence: leafy bracts	present	present	present
<input type="checkbox"/>	Flower: size	medium	medium	small to medium
<input checked="" type="checkbox"/>	Flower: position of fertile stamen(s) in relation to style	parallel	oblique	parallel
<input checked="" type="checkbox"/>	Flower: length of fertile stamen(s) in relation to style	equal	longer	longer
<input type="checkbox"/>	Flower: development of staminodes	very weak to weak	very weak to weak	very weak
<input type="checkbox"/>	*Old flower: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/>	*Old flower: intensity of anthocyanin colouration	weak to medium	medium	medium to strong
<input type="checkbox"/>	*Mature fruit: length	short to medium	long	short
<input type="checkbox"/>	*Mature fruit: width	medium	narrow to medium	narrow to medium
<input type="checkbox"/>	*Mature fruit: ratio length/width	very low to low	high to very high	medium
<input type="checkbox"/>	*Mature fruit: shape in cross section	broad elliptic		
<input checked="" type="checkbox"/>	*Mature fruit: colour of skin	green and red	green and purple	green and pink
<input type="checkbox"/>	Mature fruit: size of area of non-green colour of skin	medium	large to very large	very small to small
<input type="checkbox"/>	Mature fruit: bloom on skin	conspicuous	conspicuous	inconspicuous
<input type="checkbox"/>	Mature fruit: density of lenticels	medium	medium	sparse to medium
<input type="checkbox"/>	Mature fruit: conspicuousness of lenticels	weak	medium	medium to strong
<input type="checkbox"/>	Mature fruit: size of lenticels	large	medium	small
<input type="checkbox"/>	Mature fruit: roughness of surface caused by lenticels	present	absent	absent
<input type="checkbox"/>	Mature fruit: stalk cavity	present	present	present
<input type="checkbox"/>	Mature fruit: depth of stalk cavity	shallow	shallow	shallow
<input type="checkbox"/>	Mature fruit: neck	absent	present	absent
<input type="checkbox"/>	Mature fruit: prominence of neck	weak	very weak	very weak
<input type="checkbox"/>	*Mature fruit: shape of left shoulder	rounded upward		rounded outward
<input type="checkbox"/>	*Mature fruit: shape of right shoulder	rounded downward		rounded outward

<input type="checkbox"/>	Mature fruit: groove in left shoulder	present	present	present
<input type="checkbox"/>	Mature fruit: length of groove in left shoulder	medium	very short to short	short to medium
<input type="checkbox"/>	Mature fruit: depth of groove in left shoulder	medium	shallow	shallow
<input type="checkbox"/>	Mature fruit: lumpiness on left shoulder	present	absent	absent
<input type="checkbox"/>	*Mature fruit: sinus proximal of stylar scar	present	absent	absent
<input type="checkbox"/>	*Mature fruit: prominence of sinus proximal of stylar scar	weak		
<input type="checkbox"/>	*Mature fruit: bulging proximal of stylar scar	absent or weak	absent or weak	absent or weak
<input type="checkbox"/>	Mature fruit: shape at stylar scar	pointed	flattened	ridged
<input type="checkbox"/>	Mature fruit: diameter of stalk	medium		medium
<input type="checkbox"/>	Infructescence: predominant colour of main axis	reddish	reddish	
<input type="checkbox"/>	*Ripe fruit: predominant colour of skin	orange and red	orange and red	yellow
<input type="checkbox"/>	Ripe fruit: pattern of skin colour	speckled	even	even
<input type="checkbox"/>	Ripe fruit: degree of speckling of skin colour	medium	medium	weak
<input type="checkbox"/>	Ripe fruit: thickness of skin	thin to medium	thin	medium
<input type="checkbox"/>	Ripe fruit: adherence of skin to flesh	medium		medium
<input type="checkbox"/>	*Ripe fruit: main colour of flesh	pale orange		pale orange
<input type="checkbox"/>	Ripe fruit: firmness of flesh	soft	soft	soft
<input type="checkbox"/>	Ripe fruit: juiciness	medium	medium	juicy
<input type="checkbox"/>	Ripe fruit: texture of flesh	fine to medium	fine to medium	fine to medium
<input type="checkbox"/>	*Ripe fruit: amount of non-fleshy fibre in flesh attached to stone	low to medium		
<input type="checkbox"/>	Ripe fruit: amount of fleshy fibre beneath the skin	low		
<input type="checkbox"/>	*Ripe fruit: turpentine flavour	absent	present	absent
<input checked="" type="checkbox"/>	*Seed: polyembryony	absent	absent	present
<input type="checkbox"/>	*Time of: fruit maturity	very early to early	medium	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'NMBP1243'	'Irwin'	'Kensington Pride'
<input type="checkbox"/> Ripe fruit/skin : RHS background colour	21B	26B	20B
<input type="checkbox"/> Ripe fruit/skin: RHS blush colour	47A	45A	35B
<input type="checkbox"/> Ripe fruit/flesh: RHS colour	21A	17A	17A
<input type="checkbox"/> Mature fruit/skin: RHS background colour	144A	146A	151A
<input type="checkbox"/> Mature fruit/skin: RHS blush colour	60B	N79A	34B
<input type="checkbox"/> DNA/molecular marker: OPA04/550	present	absent	absent
<input type="checkbox"/> DNA/molecular marker: OPA04/520	present	present	absent
<input type="checkbox"/> DNA/molecular marker: OPA17/870	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: OPA17/795	present	present	absent
<input type="checkbox"/> DNA/molecular marker: MiSHRS18/96	absent	absent	present
<input type="checkbox"/> DNA/molecular marker: MiSHRS18/102	present	present	present
<input type="checkbox"/> DNA/molecular marker: MiSHRS18/105	present	present	absent
<input type="checkbox"/> DNA/molecular marker: LMMA10/151	present	absent	present
<input type="checkbox"/> DNA/molecular marker: LMMA10/171	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA10/157	present	present	present
<input type="checkbox"/> DNA/molecular marker: LMMA10/175	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: LMMA15/212	present	present	absent
<input type="checkbox"/> DNA/molecular marker: LMMA15/220	present	present	present
<input type="checkbox"/> DNA/molecular marker: LMMA1/189	absent	absent	present

<input type="checkbox"/> DNA/molecular marker: LMMA1/202	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA1/204	present	present	present
<input type="checkbox"/> DNA/molecular marker: LMMA1/206	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: mMICRO20/161	present	present	present
<input type="checkbox"/> DNA/molecular marker: mMICRO20/167	absent	absent	present
<input type="checkbox"/> DNA/molecular marker: mMICRO20/169	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: mMICRO20/171	present	present	absent
<input type="checkbox"/> DNA/molecular marker: mMICRO20/173	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA12/202	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA12/204	absent	absent	present
<input type="checkbox"/> DNA/molecular marker: LMMA12/206	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA12/208	present	present	present
<input type="checkbox"/> DNA/molecular marker: MiSHRS-37/129	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: MiSHRS-37/131	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: MiSHRS-37/137	present	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA8/258	present	present	present
<input type="checkbox"/> DNA/molecular marker: LMMA8/262	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA8/270	absent	absent	present
<input type="checkbox"/> DNA/molecular marker: MIAC5/123	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: MIAC5/129	present	present	absent

<input type="checkbox"/> DNA/molecular marker: MIAC5/131	present	absent	present
<input type="checkbox"/> DNA/molecular marker: MIAC5/139	absent	present	present
<input type="checkbox"/> DNA/molecular marker: MIAC5/159	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA11/233	present	present	absent
<input type="checkbox"/> DNA/molecular marker: LMMA11/239	present	absent	present
<input type="checkbox"/> DNA/molecular marker: LMMA11/241	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: LMMA11/245	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA11/247	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: mMICRO10/292	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: mMICRO10/296	present	present	present
<input type="checkbox"/> DNA/molecular marker: mMICRO10/284	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: MiSHRS-32/207	present	absent	absent

Statistical Table

Organ/Plant Part: Context	‘NMBP1243’	‘Irwin’	‘Kensington Pride’
<input checked="" type="checkbox"/> Mature fruit: depth (mm)			
Mean	85.5	80.1	85.0
Std. dev.	2.04	1.57	2.75
LSD/Sig.	0.35	P≤0.01	ns
<input checked="" type="checkbox"/> Inflorescence: flower diameter (mm)			
Mean	9.26	9.17	7.69
Std. dev.	0.45	0.60	0.44
LSD/Sig.	1.00	ns	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: petiole length (mm)			
Mean	27.79	42.40	24.64
Std. dev.	3.34	3.97	5.65
LSD/Sig.	9.75	P≤0.01	ns
<input checked="" type="checkbox"/> Mature fruit: weight (g)			
Mean	501	536	525
Std. dev.	51.1	48.6	48.8

LSD/Sig.	104.8	P≤0.01	ns
<input checked="" type="checkbox"/> Ripe fruit: firmness (mm depression, 50g for 30 sec.)			
Mean	0.81	0.61	1.42
Std. dev.	0.03	0.33	0.05
LSD/Sig.	0.41	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Ian Bally**, Queensland Department of Primary Industries, Mareeba, QLD.

Details of Application

Application Number	2005/276
Variety Name	'NMBP4069'
Genus Species	<i>Mangifera indica</i>
Common Name	Mango
Synonym	Nil
Accepted Date	13 Apr 2006
Applicant	State of Queensland through its Department of Primary Industries and Fisheries, CSIRO, Northern Territory of Australia rep by the Department of Primary Industry, Fisheries and Mines, State of WA through its Department of Agriculture and Food.
Agent	Department of Primary Industries and Fisheries, Brisbane, QLD
Qualified Person	Ian Bally

Details of Comparative Trial

Location	Southedge Research Station, McMallisn Rd, Paddys Green, PO Box 174, Mareeba, QLD 4880. (Lat 17 °S, Long 145 °E, Elevation 457 metres).
Descriptor	Mango (<i>Mangifera indica</i>) TG/112/4.
Period	2000-2008.
Conditions	The field site has soil of the Morganbury sub-type of red kandosos with deep to very deep brown sandy loam to sandy clay grading to red apedal sandy clay loam to sandy clay, moderately acid to neutral (pH 5.8-7.5) and gravelly. Scions of the candidate and comparator varieties were grafted onto polyembryonic 'Kensington Pride' seedling rootstocks and planted at 4 meters in the row and 7 meters between rows.
Trial Design	The comparative trial design was a randomised complete block design with five single tree replicates of the candidate, parents and comparator cultivars.
Measurements	10-20 random measurements were made of each character assessed on each of the five single tree replicates.
RHS Chart - edition	fourth edition.

Origin and Breeding

Controlled pollination: The candidate cultivar was generated by closed pollination using hand pollination techniques (Bally et al. 2000) with 'Van Dyke' as the maternal parent and 'Kensington Pride' as the paternal (pollen) parent. Selection of the candidate from other progeny of this and other families was done at two sites: Southedge Research Station, Mareeba, QLD and Coastal plains Research Farm, Darwin, NT. The candidate cultivar was selected after comparative evaluation of tree and fruit characteristics over several seasons - Bally ISE, Kulkarni VJ, Johnson PR, Leonardi J, Robinson D, Harris MA, Hamilton D (2000) the Australian National Mango Breeding Project. *Acta Horticulturae* 509, 225-231.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Mature fruit	shape of ventral shoulder	rounded upward
Mature fruit	shape of dorsal shoulder	rounded downward
Mature fruit	bulging proximal of stylar scar	absent or weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'NMBP 4055'	this cultivar shares a paternal parent
'Kensington Pride'	Paternal (pollen) parent
'Tommy Atkins'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression Comparator Variety	State of Expression in Variety	Comments
'Delta R2 E2'	Seed embryony	monoembryonic	polyembryonic	Initially considered because of similar fruit shape but excluded on seed embryony.
'Van Dyke'	Fruit/flavour flesh	'Kensington' type	Floridian type	'Van Dyke' was a comparator nominated in the part one application but removed because of the major differences in flavour types.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'NMBP4069'	'Kensington Pride'	'NMBP 4055'
<input type="checkbox"/> *Tree: attitude of main branches	erect to horizontal	erect to horizontal	horizontal
<input type="checkbox"/> *Young leaf: anthocyanin colouration	present	present	present
<input type="checkbox"/> Young leaf: hue of anthocyanin colouration	brownish	brownish	brownish
<input checked="" type="checkbox"/> Young leaf: intensity of anthocyanin colouration	medium to strong	weak to medium	very weak to weak
<input checked="" type="checkbox"/> Young leaf: shape in cross section	straight	concave	straight
<input checked="" type="checkbox"/> Young leaf: relief of upper face	smooth	smooth	raised between secondary veins
<input type="checkbox"/> Young leaf: undulation of margin	present	present	present
<input checked="" type="checkbox"/> *Fully developed leaf: attitude	horizontal	drooping	drooping
<input type="checkbox"/> Fully developed leaf: length	short	short to medium	short to medium
<input type="checkbox"/> Fully developed leaf: width	narrow to medium	narrow to medium	medium

<input type="checkbox"/>	*Fully developed leaf: length/width ratio	low to medium	medium	low to medium
<input checked="" type="checkbox"/>	Fully developed leaf: predominant shape	elliptic	trullate to ovate	trullate to ovate
<input type="checkbox"/>	Fully developed leaf: colour	green	green	yellow green
<input type="checkbox"/>	Fully developed leaf: twisting of blade	absent	absent	absent
<input checked="" type="checkbox"/>	Fully developed leaf: shape in cross section	straight	straight	concave
<input type="checkbox"/>	Fully developed leaf: symmetry	always symmetric	often asymmetric	often asymmetric
<input type="checkbox"/>	Fully developed leaf: curvature of midrib	present	present	present
<input type="checkbox"/>	Fully developed leaf: position of curvature of midrib	from apex	from apex	from apex
<input checked="" type="checkbox"/>	Fully developed leaf: relief of upper surface	smooth	smooth	raised between secondary veins
<input type="checkbox"/>	Fully developed leaf: spacing of secondary veins	medium	medium	medium to wide
<input type="checkbox"/>	Fully developed leaf: predominant relief of veins on upper surface	smooth	smooth	smooth
<input type="checkbox"/>	Fully developed leaf: undulation of margin	weak	weak	weak
<input type="checkbox"/>	Fully developed leaf: shape of tip	attenuate	attenuate	attenuate
<input type="checkbox"/>	Fully developed leaf: shape of base	obtuse	obtuse	obtuse
<input type="checkbox"/>	Fully developed leaf: fragrance	present	present	present
<input type="checkbox"/>	Fully developed leaf: attitude of petiole	perpendicular	perpendicular	perpendicular
<input type="checkbox"/>	Fully developed leaf: length of petiole	very short to short	medium	short
<input type="checkbox"/>	*Inflorescence: attitude of axis	horizontal	horizontal	erect to horizontal
<input type="checkbox"/>	*Inflorescence: length	medium	medium	medium
<input type="checkbox"/>	Inflorescence: width	narrow to medium	narrow to medium	medium
<input type="checkbox"/>	Inflorescence: ratio length/width	medium	medium	medium
<input type="checkbox"/>	Inflorescence: number of branches	few to medium	few to medium	few to medium
<input checked="" type="checkbox"/>	*Inflorescence: colour of axis and branches	dark pink	pink	pink
<input checked="" type="checkbox"/>	Inflorescence: pubescence on axis	present	absent	present

and branches				
<input type="checkbox"/>	Inflorescence: density of pubescence on axis and branches	medium	very sparse	sparse
<input type="checkbox"/>	Inflorescence: leafy bracts	present	present	present
<input type="checkbox"/>	Flower: size	very small to small	small to medium	small
<input type="checkbox"/>	Flower: position of fertile stamen(s) in relation to style	parallel	parallel	parallel
<input checked="" type="checkbox"/>	Flower: length of fertile stamen(s) in relation to style	equal	longer	equal
<input checked="" type="checkbox"/>	Flower: development of staminodes	weak to medium	very weak	weak
<input type="checkbox"/>	*Old flower: anthocyanin colouration	present	present	present
<input type="checkbox"/>	*Old flower: intensity of anthocyanin colouration	medium to strong	medium to strong	medium
<input type="checkbox"/>	*Mature fruit: length	short	short	short
<input type="checkbox"/>	*Mature fruit: width	medium	narrow to medium	narrow to medium
<input type="checkbox"/>	*Mature fruit: ratio length/width	low to medium	medium	medium
<input type="checkbox"/>	*Mature fruit: colour of skin	green and red	green and pink	green and red
<input checked="" type="checkbox"/>	Mature fruit: size of area of non-green colour of skin	medium	very small to small	small
<input type="checkbox"/>	Mature fruit: bloom on skin	inconspicuous	inconspicuous	inconspicuous
<input type="checkbox"/>	Mature fruit: density of lenticels	medium	sparse to medium	sparse to medium
<input checked="" type="checkbox"/>	Mature fruit: conspicuousness of lenticels	weak to medium	medium to strong	weak
<input type="checkbox"/>	Mature fruit: size of lenticels	small	small to medium	small to medium
<input type="checkbox"/>	Mature fruit: roughness of surface caused by lenticels	absent	absent	
<input type="checkbox"/>	Mature fruit: stalk cavity	present	present	present
<input type="checkbox"/>	Mature fruit: depth of stalk cavity	shallow	shallow	very shallow to shallow
<input type="checkbox"/>	Mature fruit: neck	absent	absent	absent
<input type="checkbox"/>	*Mature fruit: shape of left shoulder	rounded outward	rounded outward	
<input type="checkbox"/>	*Mature fruit: shape of right shoulder	rounded outward	rounded outward	
<input type="checkbox"/>	Mature fruit: groove in left shoulder	present	present	present

<input type="checkbox"/>	Mature fruit: length of groove in left shoulder	short	short to medium	short
<input type="checkbox"/>	Mature fruit: depth of groove in left shoulder	very shallow to shallow	shallow	shallow
<input type="checkbox"/>	Mature fruit: lumpiness on left shoulder	absent	absent	absent
<input type="checkbox"/>	*Mature fruit: sinus proximal of stylar scar	absent	absent	
<input type="checkbox"/>	*Mature fruit: prominence of sinus proximal of stylar scar	very weak	weak	
<input type="checkbox"/>	*Mature fruit: bulge proximal of stylar scar	absent	absent	absent
<input type="checkbox"/>	Mature fruit: prominence of bulge proximal of stylar scar	very weak	very weak	
<input checked="" type="checkbox"/>	Mature fruit: shape at stylar scar	pointed	flattened	flattened
<input type="checkbox"/>	*Ripe fruit: predominant colour of skin	yellow and red	yellow	green and yellow
<input checked="" type="checkbox"/>	Ripe fruit: pattern of skin colour	speckled	even	even
<input type="checkbox"/>	Ripe fruit: degree of speckling of skin colour	medium	very weak to weak	medium
<input checked="" type="checkbox"/>	Ripe fruit: thickness of skin	medium to thick	thin to medium	thin
<input type="checkbox"/>	Ripe fruit: adherence of skin to flesh	weak to medium	medium	
<input type="checkbox"/>	*Ripe fruit: main colour of flesh	pale orange	pale orange	pale orange
<input type="checkbox"/>	Ripe fruit: firmness of flesh	soft	soft	soft to medium
<input type="checkbox"/>	Ripe fruit: juiciness	medium	juicy	
<input type="checkbox"/>	Ripe fruit: texture of flesh	medium	fine to medium	fine to medium
<input type="checkbox"/>	*Ripe fruit: turpentine flavour	absent	absent	absent
<input type="checkbox"/>	*Seed: polyembryony	absent	present	absent
<input checked="" type="checkbox"/>	*Time of: fruit maturity	medium	early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘NMBP4069’	‘Kensington Pride’	‘NMBP 4055’
<input checked="" type="checkbox"/> Ripe fruit/skin : RHS background colour	22B	20B	
<input checked="" type="checkbox"/> Ripe fruit/skin: RHS blush colour	44A	35B	
<input checked="" type="checkbox"/> Ripe fruit/flesh: RHS colour	23A	17A	
<input checked="" type="checkbox"/> Mature fruit/skin: RHS	151A	151A	146C

background colour

<input checked="" type="checkbox"/> Mature fruit/skin: RHS blush colour	44A	34B	N34A
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Statistical Table**Organ/Plant Part: Context**

	'NMBP4069'	'Kensington Pride'	'NMBP 4055'
<input type="checkbox"/> Mature fruit: depth (mm)			
Mean	86.3	85.0	81.3
Std. dev.	7.34	6.38	4.39
LSD /Sig.	7.11	ns	ns
<input checked="" type="checkbox"/> Mature fruit: length / width ratio			
Mean	1.03	1.17	1.13
Std. dev.	0.08	0.06	0.06
LSD /Sig.	0.10	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: petiole length (mm)			
Mean	17.45	24.64	31.10
Std. dev.	8.32	10.84	9.22
LSD /Sig.	7.11	ns	P≤0.01
<input checked="" type="checkbox"/> Mature fruit: weight (g)			
Mean	376	525	380
Std. dev.	84.57	105.46	66.09
LSD /Sig.	77.1	P≤0.01	ns
<input checked="" type="checkbox"/> Ripe fruit: firmness (mm depression, 50 g for 30 sec)			
Mean	1.02	1.42	1.08
Std. dev.	0.23	0.32	0.26
LSD /Sig.	0.16	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ripe fruit :skin: thickness (mm)			
Mean	0.64	0.36	0.36
Std. dev.	0.23	0.32	0.18
LSD /Sig.	0.19	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Ian Bally**, Queensland Department of Primary Industries, Mareeba, QLD.

Details of Application

Application Number	2008/250
Variety Name	'NMBP1201'
Genus Species	<i>Mangifera indica</i>
Common Name	Mango
Synonym	Nil
Accepted Date	16 Sep 2008.
Applicant	State of Queensland Through its Department of Primary Industries and Fisheries, CSIRO, The Northern Territory Through its Department of Primary Industry, Fisheries and Mines, Western Australian Agriculture Authority.
Agent	State of Queensland Through Its Department of Primary Industries and Fisheries, Brisbane, QLD
Qualified Person	Ian Bally.

Details of Comparative Trial

Location	Southedge Research Station, McMillans Road, Paddys Green, PO Box 174, Mareeba, QLD, 4880 (lat. 17 °S, long 145 °E, elevation 547 metres).
Descriptor Period	Mango (new) (<i>Mangifera indica</i>) TG/122/4 2000-2009.
Conditions	The field site has soil of the Morganbury sub-type of red kandosos with deep to very deep brown sandy loam to sandy clay grading to red apedal sandy clay loam to sandy clay, moderately acid to neutral (pH 5.8-7.5) and gravelly. Scions of the candidate and comparator varieties were planted on to polyembryonic 'Kensington Pride' rootstock and planted at 4 meters in the row and 7 metres between rows.
Trial Design	The comparative trial design was a randomised complete block design with five single tree replicates of the candidate and comparator cultivars.
Measurements	10 to 20 random measurements were made of each character assessed on each of the five single tree replicates.
RHS Chart - edition	Fourth edition.

Origin and Breeding

Controlled pollination: The candidate cultivar was generated by closed pollination using hand pollination techniques (Bally et al. 2000) with 'Irwin' as the maternal parent and 'Kensington Pride' as the paternal (pollen) parent. Selection of the candidate from other progeny of this and other families was done at two sites: Southedge Research Station, Mareeba, QLD and Coastal Plains Research Farm, Darwin, NT. The candidate cultivar was selected after comparative evaluation of tree and fruit characteristics over several seasons. Reference: Bally ISE, Kulkarni VJ, Johnson PR, Leonardi J, Robinson D, Harris MA, Hamilton D, (2000) The Australian National Mango Breeding Project. *Acta Horticulturae*, 509, 225-321.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Mature fruit	shape of ventral shoulder	rounded upward
Mature fruit	shape of dorsal shoulder	rounded downward
Mature fruit	bulging proximal of stylar scar	absent or weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Kensington Pride’	Paternal (pollen) parent.
‘NMBP1243’	Sibling with the same parents.
‘Irwin’	Maternal parent.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘B74’	Seed embryony	polyembryonic	monoembryonic	
‘Tommy Atkins’	Fruit maturity time	early to mid season	late season	
‘Delta R2E2’	Fruit maturity time	early to mid season	mid to late season	Also the average fruit weight of ‘R2E2’ is greater than ‘NMBP1201’.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘NMBP1201’	‘Irwin’	‘Kensington Pride’	‘NMBP1243’
<input checked="" type="checkbox"/> *Tree: attitude of main branches	spreading	erect	spreading	spreading
<input type="checkbox"/> *Young leaf: intensity of anthocyanin colouration	medium	weak to medium	weak to medium	medium to strong
<input type="checkbox"/> Leaf blade: length	short	short to medium	short to medium	short to medium
<input type="checkbox"/> Leaf blade: width	narrow to medium	narrow to medium	narrow to medium	narrow to medium
<input checked="" type="checkbox"/> *Leaf blade: ratio length/width	small to medium	medium	medium	very small to small
<input type="checkbox"/> Leaf blade: shape	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/> Leaf blade: colour	yellow green	yellow green	medium green	yellow green
<input checked="" type="checkbox"/> Leaf blade: twisting	present	absent	absent	absent
<input type="checkbox"/> Leaf blade: spacing of secondary veins	medium	close to medium	medium to wide	medium
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Leaf blade: shape of base	acute	acute	obtuse	obtuse
<input checked="" type="checkbox"/> Leaf blade: shape of apex	attenuate	attenuate	attenuate	acute

<input type="checkbox"/>	Petiole: attitude in relation to shoot	semi erect to perpendicular	semi erect	perpendicular	semi erect
<input type="checkbox"/>	Petiole: length	short	short to medium	short	short
<input type="checkbox"/>	*Inflorescence: length	medium to long	short to medium	medium	medium
<input type="checkbox"/>	Inflorescence: diameter	small	small to medium	small to medium	small to medium
<input type="checkbox"/>	Inflorescence: ratio length/diameter	small to medium	medium	medium	medium
<input type="checkbox"/>	Inflorescence: number of primary branches	few	few to medium	few to medium	few to medium
<input checked="" type="checkbox"/>	*Inflorescence: anthocyanin colouration of axis and branches	strong	strong	weak	medium to strong
<input checked="" type="checkbox"/>	*Mature fruit: length	short to medium	long	short to medium	short to medium
<input checked="" type="checkbox"/>	*Mature fruit: width	medium to broad	narrow to medium	narrow to medium	medium
<input checked="" type="checkbox"/>	*Mature fruit: ratio length/width	small	large to very large	medium to large	very small to small
<input type="checkbox"/>	*Mature fruit: shape in cross section	broad elliptic			broad elliptic
<input type="checkbox"/>	*Mature fruit: colour of skin	green and red	green and purple	green and pink	green and red
<input type="checkbox"/>	Mature fruit: density of lenticels	sparse	medium	sparse to medium	medium
<input type="checkbox"/>	Mature fruit: colour contrast between lenticels and skin	weak to medium	medium	medium	weak
<input checked="" type="checkbox"/>	Mature fruit: size of lenticels	small	medium	small to medium	large
<input checked="" type="checkbox"/>	Mature fruit: roughness of surface	absent	absent	absent	present
<input type="checkbox"/>	Mature fruit: stalk cavity	absent or shallow	absent or shallow	absent or shallow	medium
<input checked="" type="checkbox"/>	Mature fruit: presence of neck	absent	present	absent	absent
<input type="checkbox"/>	*Mature fruit: shape of ventral shoulder	rounded upward		rounded outward	rounded upward
<input type="checkbox"/>	*Mature fruit: shape of dorsal shoulder	rounded downward		rounded outward	rounded downward
<input type="checkbox"/>	Mature fruit: length of groove in ventral shoulder	absent or short	absent or short	medium	medium
<input type="checkbox"/>	Mature fruit: depth of groove in ventral shoulder	absent or shallow	absent or shallow	absent or shallow	medium
<input type="checkbox"/>	Mature fruit: bulging on ventral shoulder	absent	absent	absent	present

<input checked="" type="checkbox"/>	*Mature fruit: presence of sinus	absent	absent	present	present
<input type="checkbox"/>	*Mature fruit: bulging proximal of stylar scar	absent or weak	absent or weak	absent or weak	absent or weak
<input type="checkbox"/>	Mature fruit: point at stylar scar	medium	absent or small	absent or small	medium
<input type="checkbox"/>	Mature fruit: diameter of stalk attachment	medium		medium	medium
<input type="checkbox"/>	*Ripe fruit: predominant colour of skin	yellow and red	yellow and red	yellow	yellow and red
<input type="checkbox"/>	Ripe fruit: speckling of skin	weak	weak to medium	weak	weak to medium
<input type="checkbox"/>	Ripe fruit: thickness of skin	medium to thick	thin	thin to medium	medium
<input type="checkbox"/>	Ripe fruit: adherence of skin to flesh	medium		weak	medium
<input type="checkbox"/>	Ripe fruit: firmness of flesh	soft to medium	soft	soft	soft
<input type="checkbox"/>	Ripe fruit: texture of flesh	fine to medium	medium	medium	fine to medium
<input type="checkbox"/>	*Ripe fruit: amount of fibre attached to stone	low to medium		low to medium	low to medium
<input type="checkbox"/>	Ripe fruit: amount of fibre attached to skin	low to medium		low	low
<input checked="" type="checkbox"/>	*Ripe fruit: turpentine flavour	absent	present	absent	absent
<input checked="" type="checkbox"/>	*Seed: embryony	polyembryonic	monoembryonic	polyembryonic	monoembryonic
<input type="checkbox"/>	Time of: beginning of flowering	medium to late		medium to late	
<input checked="" type="checkbox"/>	*Time of: fruit maturity	early to medium	medium to late	early	very early to early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘NMBP1201’	‘Irwin’	‘Kensington Pride’	‘NMBP1243’
<input type="checkbox"/> mature fruit/skin: RHS Background colour	114A	146A	151A	144A
<input type="checkbox"/> mature fruit/skin: blush colour	60A	N79A	34B	60B
<input type="checkbox"/> DNA/molecular marker: OPA04/520	present	present	absent	present
<input type="checkbox"/> DNA/molecular marker: OPA17/870	absent	present	absent	absent
<input type="checkbox"/> DNA/molecular marker: OPA17/795	absent	present	absent	present

<input type="checkbox"/> DNA/molecular marker: mMICRO14/155	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: MiSHRS/96	absent	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: MiSHRS/102	present	present	present	present
<input type="checkbox"/> DNA/molecular marker: MiSHRS/105	absent	present	absent	present
<input type="checkbox"/> DNA/molecular marker: LMMA10/151	absent	absent	present	present
<input type="checkbox"/> DNA/molecular marker: LMMA10/157	present	present	present	present
<input type="checkbox"/> DNA/molecular marker: LMMA10/171	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA10/175	present	present	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA15/212	absent	present	absent	present
<input type="checkbox"/> DNA/molecular marker: LMMA15/220	absent	present	present	present
<input type="checkbox"/> DNA/molecular marker: LMMA1/198	absent	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: LMMA1/202	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA1/204	present	present	present	present
<input type="checkbox"/> DNA/molecular marker: LMMA1/206	absent	present	absent	absent
<input type="checkbox"/> DNA/molecular marker: Mmicro20/161	absent	present	present	present
<input type="checkbox"/> DNA/molecular marker: Mmicro20/167	absent	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: Mmicro20/169	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: Mmicro20/171	absent	present	absent	present
<input type="checkbox"/> DNA/molecular marker: Mmicro20/173	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA12/202	absent	absent	absent	absent

<input type="checkbox"/> DNA/molecular marker: LMMA12/204	present	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: LMMA12/206	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA12/208	present	present	present	present
<input type="checkbox"/> DNA/molecular marker: MiSHRS-37/129	present	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA8/258	present	present	present	present
<input type="checkbox"/> DNA/molecular marker: MiSHRS-37/137	absent	absent	absent	present
<input type="checkbox"/> DNA/molecular marker: MiSHRS-37/131	present	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA8/262	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA8/270	present	absent	present	absent
<input type="checkbox"/> DNA/molecular marker: MIAC5/123	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: MIAC5/129	absent	present	absent	present
<input type="checkbox"/> DNA/molecular marker: MIAC5/131	present	absent	present	present
<input type="checkbox"/> DNA/molecular marker: MIAC5/139	present	present	present	absent
<input type="checkbox"/> DNA/molecular marker: MIAC5/159	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA11/233	absent	present	absent	present
<input type="checkbox"/> DNA/molecular marker: LMMA11/239	absent	absent	present	present
<input type="checkbox"/> DNA/molecular marker: LMMA11/241	absent	present	absent	absent
<input type="checkbox"/> DNA/molecular marker: LMMA11/247	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: mMicro10/292	absent	present	absent	absent
<input type="checkbox"/> DNA/molecular marker: mMICRO10/296	present	present	present	present

<input type="checkbox"/> DNA/molecular marker: mMICRO10/284	absent	absent	absent	absent
<input type="checkbox"/> DNA/molecular marker: MiSHRS-32/207	present	absent	absent	present

Statistical Table

Organ/Plant Part: Context	‘NMBP1201’	‘Irwin’	‘Kensington Pride’	‘NMBP1243’
<input checked="" type="checkbox"/> Mature fruit: depth (mm)				
Mean	81.8	80.8	85.0	85.5
Std. dev.	1.9	1.57	2.75	2.04
LSD/Sig.	0.24	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: flower diameter (mm)				
Mean	8.19	9.17	7.69	9.27
Std. dev.	0.62	0.60	0.44	0.45
LSD/Sig.	0.83	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Mature leaf: petiole length (mm)				
Mean	26.32	42.40	24.64	27.79
Std. dev.	3.94	3.97	5.65	3.34
LSD/Sig.	8.12	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Mature fruit: weight (g)				
Mean	564	536	525	501
Std. dev.	46.3	48.6	48.8	51.1
LSD/Sig.	82.7	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ripe fruit: firmness (mm depression, 50 g for 30 seconds)				
Mean	0.96	0.61	1.42	1.05
Std. dev.	0.15	0.33	0.05	0.06
LSD/Sig.	0.33	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Nil.

Description: **Ian Bally**, Queensland Department of Primary Industries, Mareeba, QLD.

Details of Application

Application Number	2006/133
Variety Name	'Honey Fire'
Genus Species	<i>Prunus persica</i> var. <i>nucipersica</i>
Common Name	Nectarine
Synonym	Nil
Accepted Date	7 Jul 2006
Applicant	Zaiger's Inc. Genetics, Modesto, CA, USA
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC
Qualified Person	Lisa Corcoran

Details of Comparative Trial

Overseas Testing Authority	U.S Patent and Trademark Office
Overseas Data Reference Number	PP 12,418
Location	The overseas data was verified in Monbulk, VIC
Descriptor	Peach/Nectarine (<i>Prunus persica</i>) TG/53/6.
Period	
Conditions	Where possible the overseas data was verified under local conditions.

Origin and Breeding

Controlled pollination: The new and distinct variety of nectarine tree was developed by Zaiger's Inc Genetics at their experimental orchard near Modesto, California as a first generation cross between two seedlings with field identification numbers 111LB51 and 204LF555. A large number of these first generation crosses were maintained and observed growing on their own roots. After close observation the present variety was selected for asexual propagation and commercialisation based on its desirable fruiting characteristics. Breeder: Zaiger's Inc. Genetics, Modesto, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	size	large
Flower	type	showy
Petiole	nectaries	present
Fruit	pubescence	absent
Fruit	ground colour of flesh	yellow
Stone	adherence to flesh	present
Fruit	flesh	sub acid

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Honey Blaze'	'Honey Blaze' is a yellow sub acid nectarine variety that requires higher chill, has a later blossom time and a marginally later maturity date when compared to 'Honey Fire'.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Honey Fire'	'Honey Blaze'
<input type="checkbox"/> *Tree: size	large	large
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> *Flower: type	showy	showy
<input type="checkbox"/> *Calyx: colour of inner side	orange	orange
<input type="checkbox"/> *Corolla: predominant colour	medium pink	medium pink
<input type="checkbox"/> *Petal: shape	round	
<input type="checkbox"/> *Petal: size	large	
<input type="checkbox"/> *Petals: number	five	
<input type="checkbox"/> *Stigma: position	below	
<input type="checkbox"/> *Anthers: pollen	present	present
<input type="checkbox"/> *Ovary: pubescence	absent	absent
<input checked="" type="checkbox"/> *Leaf blade: length	medium	long
<input checked="" type="checkbox"/> *Leaf blade: width	medium	broad
<input type="checkbox"/> Leaf blade: colour	green	green
<input type="checkbox"/> *Petiole: nectaries	present	present
<input type="checkbox"/> *Petiole: shape of nectaries	reniform	reniform
<input type="checkbox"/> Petiole: predominant number of nectaries	two	two
<input type="checkbox"/> *Fruit: size	large	large
<input type="checkbox"/> *Fruit: shape	round	round
<input type="checkbox"/> *Fruit: ground colour	yellow	yellow
<input type="checkbox"/> Fruit: over colour	present	present
<input type="checkbox"/> Fruit: hue of over colour	medium red	medium red
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush	solid flush
<input type="checkbox"/> *Fruit: extent of over colour	large	large
<input type="checkbox"/> *Fruit: pubescence	absent	absent
<input type="checkbox"/> Fruit: thickness of skin	medium	medium
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> *Fruit: ground colour of flesh	yellow	yellow
<input type="checkbox"/> *Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/> *Fruit: anthocyanin colouration of flesh	absent or very weakly expressed	absent or very weakly expressed

<input checked="" type="checkbox"/>	*Fruit: anthocyanin colouration around stone	absent or very weakly expressed	weakly expressed
<input type="checkbox"/>	Fruit: texture of the flesh	fibrous	fibrous
<input type="checkbox"/>	*Stone: size compared to fruit	large	large
<input type="checkbox"/>	*Stone: adherence to flesh	present	present
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	early	medium
<input type="checkbox"/>	*Duration of: flowering	medium	short to medium
<input type="checkbox"/>	*Time of: maturity	early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Honey Fire'	'Honey Blaze'
<input checked="" type="checkbox"/> Fruit: chill hours	medium	high

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2005	Applied	'Honey Fire'
USA	2001	Granted	'Honey Fire'

First sold in the USA in Feb 2002.

Description: **Lisa Corcoran**, Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC.

Details of Application

Application Number	2006/354
Variety Name	'Polar Light'
Genus Species	<i>Prunus persica</i> var. <i>nucipersica</i>
Common Name	Nectarine
Synonym	Nil
Accepted Date	27 Feb 2007
Applicant	Zaiger's Inc. Genetics, Modesto, CA, USA
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC
Qualified Person	Graham Fleming

Details of Comparative Trial

Overseas Testing Authority	U.S Patent and Trademark Office
Overseas Data Reference Number	PP 16,858
Location	The overseas data was verified in Monbulk, VIC
Descriptor	Peach/Nectarine (<i>Prunus persica</i>) TG/53/6.
Conditions	Where possible the overseas data was verified under local conditions. The plant patent data was translated to standard UPOV characteristics for nectarine.

Origin and Breeding

Open pollination: the new and distinct variety of nectarine tree was developed by Zaiger's Inc Genetics at their experimental orchard near Modesto, California as an open pollinated seedling. The seedling originated as a cross pollination of two proprietary parents. The seed from the open pollinated seedling was grown and then budded to nemaguard rootstock trees. The present variety was observed displaying desirable fruiting characteristics and was chosen for asexual propagation and commercialisation. Breeder: Zaiger's Inc. Genetics, Modesto, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	size	large
Flower	type	showy
Petiole	nectaries	present
Fruit	pubescence	absent
Fruit	ground colour of flesh	white
Stone	adherence to flesh	present
Plant	Time of beginning of flowering	very early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Arctic Star'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Polar Light’	‘Arctic Star’
<input type="checkbox"/> *Tree: size	large	large
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> *Flower: type	showy	showy
<input type="checkbox"/> *Calyx: colour of inner side	greenish yellow	greenish yellow
<input type="checkbox"/> *Corolla: predominant colour	pink	pink
<input type="checkbox"/> *Petal: shape	broad elliptic	
<input type="checkbox"/> *Petals: number	five	
<input type="checkbox"/> *Stigma: position	above	
<input type="checkbox"/> *Anthers: pollen	present	present
<input type="checkbox"/> *Ovary: pubescence	absent	absent
<input type="checkbox"/> *Leaf blade: length	long	long
<input type="checkbox"/> *Leaf blade: width	broad	broad
<input type="checkbox"/> *Petiole: nectaries	present	present
<input type="checkbox"/> *Petiole: shape of nectaries	reniform	reniform
<input checked="" type="checkbox"/> Petiole: predominant number of nectaries	more than two	two
<input type="checkbox"/> *Fruit: size	large	medium to large
<input type="checkbox"/> *Fruit: shape	round	round
<input type="checkbox"/> Fruit: ground colour	white	white
<input checked="" type="checkbox"/> Fruit: over colour	present	absent
<input type="checkbox"/> Fruit: hue of over colour	pink	pink red
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush	solid flush
<input checked="" type="checkbox"/> *Fruit: extent of over colour	large	medium
<input type="checkbox"/> *Fruit: pubescence	absent	absent
<input type="checkbox"/> Fruit: thickness of skin	medium	medium
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> *Fruit: ground colour of flesh	white	white
<input checked="" type="checkbox"/> *Fruit: anthocyanin colouration directly under skin	weakly expressed	absent or very weakly expressed
<input checked="" type="checkbox"/> *Fruit: anthocyanin colouration of flesh	weakly expressed	absent or very weakly expressed
<input checked="" type="checkbox"/> *Fruit: anthocyanin colouration around stone	weakly expressed	absent or very weakly expressed
<input type="checkbox"/> Fruit: texture of the flesh	fibrous	fibrous

<input type="checkbox"/>	*Stone: size compared to fruit	large	large
<input type="checkbox"/>	*Stone: adherence to flesh	present	present
<input type="checkbox"/>	*Time of: beginning of flowering	very early	very early
<input type="checkbox"/>	*Duration of: flowering	medium	short to medium
<input checked="" type="checkbox"/>	*Time of: maturity	very early	early
<u>Characteristics Additional to the Descriptor/TG</u>			
Organ/Plant Part: Context		'Polar Light'	'Arctic Star'
<input checked="" type="checkbox"/>	Fruit: chill units	low chill	medium chill

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2004	Granted	'Polar Light'

First sold in the USA in Jul 2006.

Description: **Lisa Corcoran**, Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC.

Details of Application

Application Number	2007/329
Variety Name	'Spring Pearl'
Genus Species	<i>Prunus persica</i> var. <i>nucipersica</i>
Common Name	Nectarine
Synonym	Springice
Accepted Date	29 Feb 2008
Applicant	Lowell G. Bradford, Le Grand, CA, USA
Agent	Buchanan's Nursery, Hodgsonvale, QLD
Qualified Person	Peter Buchanan

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademark Office
Overseas Data Reference Number	US PP 16,034
Location	Overseas data was verified at Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD 4352.
Descriptor Period	Nectarine (<i>Prunus persica</i>) TG/53/6. 2 years.
Conditions	Normal growing conditions for Hodgsonvale, , QLD. Some drought conditions were experienced during the trial so supplemental irrigation was used for the duration.
Trial Design	10 trees of the proposed variety and the comparator were planted at 1.5M x 5m tree spacing. Irrigation was applied and industry standard management practice was used.
Measurements	Observations of tree and fruit characteristics were made to confirm the variety is true to type and to see if there were any climatic or geographic variations.
RHS Chart - edition	N/A

Origin and Breeding

Open-pollination: during the spring and summer of 1997 Lowell Glen Bradford gathered fruit from several different unnamed seedlings in his experimental orchard at Le Grand, California. One particular group of nectarines were white in flesh colour, clingstone in type and sub-acid in flavour, and were thus designated as "WNC (OP)". The seeds from this fruit were removed, cracked, stratified, germinated and grown as seedlings on their own root in a greenhouse, and upon reaching dormancy were transplanted to a cultivated area in the experimental orchard described above. During the fruit evaluation season of 2000 Lowell Glen Bradford selected several nectarines that exhibited desirable qualities, and the present variety was selected as a single tree from the group of "WNC (OP)" described above. Subsequent to the selection of the new nectarine variety it was asexually reproduced by budding and grafting and such reproduction of plant and fruit characteristics was true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	habit	spreading
Flower	type	showy
Petiole	nectaries	present
Fruit	pubescence	absent
Fruit	ground colour of flesh	white
Fruit	sweetness	high to very high
Fruit	acidity	very low to low
Stone	adherence to flesh	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'June Pearl'	'Spring Pearl'(USPP 9360) nectarine is most similar to 'June Pearl' nectarine by producing fruit that is very firm in texture, sub-acid and sweet in flavour, clingstone and nearly full red in skin colour. But is distinguished by producing fruit that is more globose in shape, has virtually no protruding tips at the apex, is larger in size and matures about five days later.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Spring Sweet'	Fruit flesh colour	white	yellow	'Spring Sweet' nectarine matures at the same time as 'Spring Pearl' but has yellow flesh. Both are sub-acid in flavour.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Spring Pearl'	'June Pearl'
<input checked="" type="checkbox"/> *Tree: size	medium	large
<input type="checkbox"/> Tree: vigour	strong	strong
<input type="checkbox"/> *Tree: habit	spreading	spreading
<input type="checkbox"/> Flowering shoot: thickness	medium	medium to thick
<input type="checkbox"/> Flowering shoot: length of internodes	medium	medium
<input type="checkbox"/> *Flowering shoot: anthocyanin colouration	present	present
<input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration	medium to strong	weak to medium
<input checked="" type="checkbox"/> *Flowering shoot: density of flower buds	medium to dense	sparse to medium
<input type="checkbox"/> Flowering shoot: general distribution of flower buds	isolated	isolated
<input type="checkbox"/> *Flower: type	showy	showy
<input checked="" type="checkbox"/> *Calyx: colour of inner side	greenish yellow	orange

<input type="checkbox"/>	*Corolla: predominant colour	medium pink	medium pink
<input checked="" type="checkbox"/>	*Petal: shape	round	broad elliptic
<input type="checkbox"/>	*Petal: size	medium to large	large
<input type="checkbox"/>	*Petals: number	five	five
<input type="checkbox"/>	Stamens: position compared to petals	below	below
<input type="checkbox"/>	*Stigma: position compared to anthers	above	above
<input type="checkbox"/>	*Anthers: pollen	present	present
<input type="checkbox"/>	*Ovary: pubescence	absent	absent
<input type="checkbox"/>	Young shoot: length of stipule	medium to long	medium
<input type="checkbox"/>	*Leaf blade: length	medium to long	medium to long
<input type="checkbox"/>	*Leaf blade: width	medium to broad	medium to broad
<input type="checkbox"/>	*Leaf blade: ratio length/width	medium	medium
<input type="checkbox"/>	Leaf blade: shape in cross section	flat	flat
<input type="checkbox"/>	Leaf blade: recurvature of apex	present	present
<input checked="" type="checkbox"/>	Leaf blade: angle at base	acute	approximately right angle
<input type="checkbox"/>	Leaf blade: angle at apex	medium to large	medium
<input type="checkbox"/>	Leaf blade: colour	green	green
<input type="checkbox"/>	Petiole: length	medium	medium
<input type="checkbox"/>	*Petiole: nectaries	present	present
<input type="checkbox"/>	*Petiole: shape of nectaries	reniform	reniform
<input type="checkbox"/>	Petiole: predominant number of nectaries	more than two	more than two
<input type="checkbox"/>	*Fruit: size	large	medium to large
<input checked="" type="checkbox"/>	*Fruit: shape	round	elliptic
<input checked="" type="checkbox"/>	*Fruit: shape of pistil end	weakly depressed	flat
<input type="checkbox"/>	Fruit: symmetry	symmetric	symmetric
<input type="checkbox"/>	Fruit: prominence of suture	medium	medium
<input type="checkbox"/>	Fruit: depth of stalk cavity	shallow to medium	shallow to medium
<input type="checkbox"/>	Fruit: width of stalk cavity	medium	medium
<input checked="" type="checkbox"/>	*Fruit: ground colour	pink white	cream white
<input type="checkbox"/>	Fruit: over colour	present	present
<input type="checkbox"/>	Fruit: hue of over colour	dark red	dark red
<input type="checkbox"/>	*Fruit: pattern of over colour	solid flush	solid flush
<input type="checkbox"/>	*Fruit: extent of over colour	very large	very large

<input type="checkbox"/>	*Fruit: pubescence	absent	absent
<input type="checkbox"/>	Fruit: thickness of skin	medium	medium
<input type="checkbox"/>	Fruit: adherence of skin to flesh	strong to very strong	strong to very strong
<input type="checkbox"/>	*Fruit: firmness of flesh	very firm	firm
<input type="checkbox"/>	*Fruit: ground colour of flesh	white	white
<input type="checkbox"/>	*Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: anthocyanin colouration of flesh	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: anthocyanin colouration around stone	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	Fruit: texture of the flesh	not fibrous	not fibrous
<input type="checkbox"/>	Fruit: sweetness	high to very high	high to very high
<input type="checkbox"/>	Fruit: acidity	very low to low	very low to low
<input type="checkbox"/>	*Stone: size compared to fruit	medium	medium
<input checked="" type="checkbox"/>	*Stone: shape	elliptic	obovate
<input type="checkbox"/>	Stone: intensity of brown colour	medium to dark	light to medium
<input type="checkbox"/>	Stone: relief of surface	grooves	grooves
<input type="checkbox"/>	Stone: tendency of splitting	absent or very low	very low to low
<input type="checkbox"/>	*Stone: adherence to flesh	present	present
<input type="checkbox"/>	Stone: degree of adherence to flesh	very strong	very strong
<input type="checkbox"/>	Time of: leaf bud burst	medium	medium
<input type="checkbox"/>	*Time of: beginning of flowering	medium	medium
<input type="checkbox"/>	*Duration of: flowering	medium	medium
<input type="checkbox"/>	*Time of: maturity for consumption	early	early to medium
<input type="checkbox"/>	Tendency to: preharvest drop	absent or very weak	very weak to weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2003	Granted	'Spring Pearl'

First sold in the USA in Jan 2003.

Description: **Peter Buchanan**, Hodgsonvale, QLD

Details of Application

Application Number	2006/244
Variety Name	'FISNICS SWEET ORANGE'
Genus Species	<i>Impatiens hawkeri</i>
Common Name	New Guinea Impatiens
Synonym	Fisimp 118
Accepted Date	17 Jan 2007
Applicant	FLORA-NOVA Pflanzen GmbH, Dusseldorf, Germany
Agent	Sprint Horticulture Pty Ltd, Erina, NSW
Qualified Person	Tim Angus

Details of Comparative Trial

Overseas Testing	Bundessortenamt
Authority	
Overseas Data	IM 866
Reference Number	
Location	Overseas data was verified under local conditions in Winmalee, NSW, Australia.
Descriptor	New Guinea Impatiens (New Guinea Impatiens Group) TG/196/2.
Period	2003.
Conditions	Trial conducted in commercial conditions, rooted cuttings potted into standard pots in commercial potting mix, nutrients supplied by slow release and liquid feed fertiliser applications, plant protection treatments applied as necessary.
Trial Design	20 plants of the candidate variety were grown in a completely randomised block.
Measurements	Taken from 10 plants at random.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent breeding line 'K98-4090-10' x pollen parent 'Danharflm' in a planned breeding program. Seed parent is characterised by Flower: colour red and white, colour bicoloured. Pollen parent is characterised by Flower: colour orange red. Selection criteria: flower colour; flower size; plant habit. Selection was done at Pelfi Canarias, Galdar, Canary Islands, Spain. Propagation: by vegetative tip cuttings, no off types occurred in at least 5 successive vegetative generations during the selection process and in numerous vegetative generations since selection. 'Fisnics Sweet Orange' will be commercially propagated by vegetative tip cuttings. Breeder: FLORA-NOVA Pflanzen GmbH, Germany.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	main colour of upper side	orange red
Flower	secondary colour of upper side	red or orange red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kinepor'	similar flower colour, smaller flower size.
'Kimbu'	
'Balcelbapst'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Kimbu'	Flower secondary flower colour distribution	orange red	orange red/red	'Kimbu' secondary colour much stronger across the whole flower except for top most (banner) petal mostly absent.
'Kinepor'	Flower secondary flower colour distribution	orange red	orange red/red	'Kinepor' with less uniform distribution across all petals and with much thicker width of colour along veins.
'Kim'	Plant height	medium to tall	very short	'Kim' has similar flower colour, however its height is about half of the candidate

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'FISNICS SWEET ORANGE'	'Balcelbapst'
<input type="checkbox"/> *Plant: height of foliage	medium to tall	
<input type="checkbox"/> *Plant: width	medium to broad	
<input type="checkbox"/> Shoot: anthocyanin colouration	strong	
<input type="checkbox"/> Petiole: length	very short	
<input type="checkbox"/> Petiole: anthocyanin colouration on upper side	medium to strong	
<input type="checkbox"/> *Leaf blade: length	long	
<input type="checkbox"/> *Leaf blade: width	broad to very broad	
<input type="checkbox"/> Leaf blade: length/width ratio	medium to large	
<input type="checkbox"/> *Leaf blade: marking of upper side	absent	absent
<input type="checkbox"/> *Leaf blade: anthocyanin colouration of upper side	strong to very strong	
<input type="checkbox"/> *Leaf blade: colour of lower side between veins	red	red
<input type="checkbox"/> Leaf blade: intensity of red colouration on lower side	strong to very	

between veins (varieties with red lower side only)	strong	
<input type="checkbox"/> *Leaf blade: colour of veins on lower side	red	
<input type="checkbox"/> Pedicel: length	medium to long	
<input type="checkbox"/> Pedicel: anthocyanin colouration	weak to medium	
<input type="checkbox"/> *Flower: type	single	single
<input type="checkbox"/> *Flower: width	broad	
<input type="checkbox"/> *Flower: number of colours	two	two
<input checked="" type="checkbox"/> *Flower: main colour of upper side (RHS colour chart)	orange red RHS 40D	orange red RHS 32D
<input checked="" type="checkbox"/> *Flower: secondary colour of upper side (varieties with bi- or multicoloured flowers only) (RHS colour chart)	red RHS N30A	orange red RHS 32A
<input type="checkbox"/> *Flower: distribution of secondary colour (varieties with bi- or multicoloured flowers only)	on all petals along mid-rib	
<input type="checkbox"/> *Flower: eye zone	present	present
<input type="checkbox"/> *Flower: size of eye zone	large	
<input checked="" type="checkbox"/> Flower: main colour of eye zone (RHS colour chart)	red RHS 45B	Red RHS 53C/D
<input type="checkbox"/> Upper petal: width (varieties with single flowers only)	broad	
<input type="checkbox"/> Lateral petal: width (varieties with single flowers only)	broad	
<input type="checkbox"/> Lower petal: length (varieties with single flowers only)	long	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2002	Granted	'Fisnics Sweet Orange'
Switzerland	2002	Surrendered	'Fisnics Sweet Orange'
Poland	2003	Granted	'Fisnics Sweet Orange'
EU	2002	Granted	'Fisnics Sweet Orange'
USA	2003	Granted	'Fisnics Sweet Orange'

First sold in EU and North America in Nov 2002.

Description: **Tim Angus**, Wellington, New Zealand

Details of Application

Application Number	2006/245
Variety Name	'FISNICS MAGPINK'
Genus Species	<i>Impatiens hawkeri</i>
Common Name	New Guinea Impatiens
Synonym	Fisimp Pinkstripe
Accepted Date	17 Jan 2007
Applicant	FLORA-NOVA Pflanzen GmbH, Dusseldorf, Germany
Agent	Sprint Horticulture Pty Ltd, Erina, NSW
Qualified Person	Tim Angus

Details of Comparative Trial

Overseas Testing	Bundessortenamt
Authority	
Overseas Data	IM 906
Reference Number	
Location	Overseas data was verified under local conditions in Winmalee, NSW, Australia.
Descriptor	New Guinea Impatiens (New Guinea Impatiens Group) TG/196/2.
Period	Sep 2005 to Dec 2005.
Conditions	Trial conducted in commercial conditions, rooted cuttings potted into standard pots in commercial potting mix, nutrients supplied by slow release and liquid feed fertiliser applications, plant protection treatments applied as necessary.
Trial Design	20 plants of the candidate variety were grown in a completely randomised block.
Measurements	Taken from 10 plants at random.
RHS Chart - edition	2001.

Origin and Breeding

Spontaneous mutation: parent plant breeding line 'K02-9331-2'. Parent plant characterised by flower colour uniformly light pink (RHS 73C-D). Selection criteria: plant habit, flower habit, flower colour. Selection was done at Hillscheid, Germany in Jun 2002. Propagation: by vegetative tip cuttings, no off types occurred in at least three successive vegetative generations during the selection process and in numerous vegetative generations since selection. 'Fisnics Magpink' will be commercially propagated by vegetative tip cuttings. Breeder: Flora-Nova Pflanzen GmbH.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	main colour of upper side	pink
Flower	eye zone	present
Plant	height of foliage	medium
Leaf blade	colour of lower side between veins	green
Leaf blade	colour of veins on lower side	green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Balcelpink'	similar main flower colour 67B, lower leaf between veins green
'Fisnics pink'	similar flower colour 61D, lower leaf between veins green
'Fisnics Light Pink'	similar flower colour 65A to 68B (varies with age), lower leaf veins and between veins green
'Balcelilae'	similar flower colour N74B/C, lower leaf veins and between veins green

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Balcelpink'	Leaf colour of veins on lower side blade	red to green	green	
'Fisnics Pink'	Leaf colour of veins on lower side blade	green	red	
'Balcelilae'	Flower main colour of upper side	ca 73A	N74B/C	'Balcelilae' with more purple red colouration
'Balcelpink'	Flower number of colours	two	one	
'Balcelilae'	Flower number of colours	two	one	
'Fisnics Pink'	Flower number of colours	two	one	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'FISNICS MAGPINK'	'Fisnics Light Pink'
<input type="checkbox"/> *Plant: height of foliage	medium	
<input type="checkbox"/> *Plant: width	medium to broad	
<input type="checkbox"/> Shoot: anthocyanin colouration	absent or very weak to weak	
<input type="checkbox"/> Petiole: length	very short to short	
<input type="checkbox"/> Petiole: anthocyanin colouration on upper side	absent or very weak to weak	absent or very weak to weak
<input type="checkbox"/> *Leaf blade: length	medium to long	
<input type="checkbox"/> *Leaf blade: width	medium	
<input type="checkbox"/> Leaf blade: length/width ratio	medium to large	
<input type="checkbox"/> *Leaf blade: marking of upper side	absent	absent
<input type="checkbox"/> *Leaf blade: anthocyanin colouration of upper side	absent or very weak	
<input type="checkbox"/> *Leaf blade: colour of lower side between veins	green	green

<input type="checkbox"/>	*Leaf blade: colour of veins on lower side	green	
<input type="checkbox"/>	Pedicel: length	medium to long	
<input type="checkbox"/>	Pedicel: anthocyanin colouration	weak to medium	
<input type="checkbox"/>	*Flower: type	single	single
<input type="checkbox"/>	*Flower: width	broad	
<input checked="" type="checkbox"/>	*Flower: number of colours	two	one
<input checked="" type="checkbox"/>	*Flower: main colour of upper side (RHS colour chart)	blue pink RHS 73A	RHS 65A
<input type="checkbox"/>	*Flower: secondary colour of upper side (varieties with bi- or multicoloured flowers only) (RHS colour chart)	light blue violet RHS 69D	
<input type="checkbox"/>	*Flower: eye zone	present	present
<input type="checkbox"/>	*Flower: size of eye zone	small	
<input checked="" type="checkbox"/>	Flower: main colour of eye zone (RHS colour chart)	light yellow brown	purple RHS 66B
<input type="checkbox"/>	Upper petal: width (varieties with single flowers only)	broad to very broad	
<input type="checkbox"/>	Lateral petal: width (varieties with single flowers only)	medium	
<input type="checkbox"/>	Lower petal: length (varieties with single flowers only)	medium to long	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘FISNICS MAGPINK’	‘Fisnics Light Pink’
<input type="checkbox"/> Flower: distribution of secondary colour	irregularly distributed on all petals	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	‘Fisnics Magpink’
Switzerland	2005	Granted	‘Fisnics Magpink’
Germany	2004	Surrendered	‘Fisnics Magpink’
Japan	2005	Applied	‘Fisnics Magpink’
EU	2004	Granted	‘Fisnics Magpink’
USA	2005	Granted	‘Fisnics Magpink’

First sold in EU and North America in Dec 2004. First Australian sale Sep 2005.

Description: **Tim Angus**, Wellington, New Zealand

Details of Application

Application Number	2007/298
Variety Name	'Tungoo'
Genus Species	<i>Avena sativa</i>
Common Name	Oats
Synonym	Nil
Accepted Date	28 Mar 2008
Applicant	Minister for Agriculture, Food and Fisheries, Adelaide, SA and Rural Industries and Research Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Suzanne Hoppo

Details of Comparative Trial

Location	Kingsford Research Centre, SA.
Descriptor	Oats (<i>Avena sativa</i>) TG/20/10.
Period	Jun – Dec 2007.
Conditions	Trial conducted in the field, sown on Jun 23, 2007 with fertiliser, herbicides and insecticides applied as required.
Trial Design	Randomised complete block design.
Measurements	Plant height measurement taken from 20 samples
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: in 1995, the variety 'Glider' was control pollinated to the breeder's line OX89;019-137. F2 seed of the cross was sown as populations at Kingsford Research Centre (near Gawler, SA) in 1996 and single heads selected. The F5 seed of these panicles was reselected in 1999 from stage 2 trials sown at Kingsford Research Centre due to maturity differences in the population. The reselected lines were again sown as populations over summer in 1999/2000 in the bird-proof enclosure at the Waite Institute, Urrbrae, SA and single heads selected. SV95137-6-3 was the third population from the sixth selection of the cross 95137. It was promoted to un-replicated trials in winter 2000 and to replicated trials in 2002. SV95137-6-3 was promoted to stage 4 replicated hay trials in 2003 and has remained in these trials since that time. Selection criteria: hay yield, maturity, disease resistance. Propagation: seed. Breeder: Dr. Pamela Zwer and Ms Sue Hoppo, SARDI Oat Breeding Program, Adelaide, SA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of the leaf sheaths	absent or very weak
Plant	frequency of plants with recurved flag leaves	medium
Time of panicle emergence	first spikelet visible on 50% of panicles	medium to late
Stem	hairiness of uppermost node	present
Stem	intensity of hairiness of uppermost node	weak to medium
Panicle	orientation of branches	equilateral
Panicle	attitude of branches	semi-erect
Panicle	attitude of spikelets	pendulous
Glumes	glaucosity	absent or very weak
Glumes	length	medium
Grain	colour of lemma	yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kangaroo'	
'Mannus'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Tungoo'	'Kangaroo'	'Mannus'
<input checked="" type="checkbox"/> Plant: growth habit	semi-prostrate	semi-erect	prostrate
<input type="checkbox"/> Lowest leaves: hairiness of sheaths	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Leaf blade: hairiness of margins of leaf below flag leaf	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	medium	medium
<input type="checkbox"/> *Time of: panicle emergence	medium to late	medium to late	medium to late
<input type="checkbox"/> *Stem: hairiness of uppermost node	present	present	present
<input type="checkbox"/> Stem: intensity of hairiness of uppermost node	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Panicle: orientation of branches	equilateral	equilateral	equilateral
<input type="checkbox"/> Panicle: attitude of branches	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Panicle: attitude of spikelets	pendulous	pendulous	pendulous
<input type="checkbox"/> Glumes: glaucosity	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Glumes: length	medium	medium	medium
<input type="checkbox"/> *Primary grain: glaucosity of lemma	absent	absent	absent
<input type="checkbox"/> *Plant: length	long	long	long
<input type="checkbox"/> Panicle: length	medium	medium	medium
<input type="checkbox"/> *Grain: husk	present	present	present
<input type="checkbox"/> Primary grain: tendency to be awned	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Primary grain: length of lemma	long	long	long
<input type="checkbox"/> *Grain: colour of lemma	yellow	yellow	yellow
<input type="checkbox"/> Primary grain: hairiness of base	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Primary grain: length of rachilla	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Tungoo'	'Kangaroo'	'Mannus'
<input checked="" type="checkbox"/> Plant: stem nematode resistance	resistant	moderately susceptible	susceptible
<input checked="" type="checkbox"/> Plant: cereal cyst nematode tolerance	moderately tolerant	moderately tolerant	moderately intolerant

Statistical Table

Organ/Plant Part: Context	'Tungoo'	'Kangaroo'	'Mannus'
<input type="checkbox"/> Plant: length (cm)			
Mean	67.70	64.70	64.40
Std. Deviation	6.20	6.20	6.20
LSD/sig	4.8	ns	ns

Prior Applications and Sales

Nil

Description: **Suzanne Hoppe**, SARDI, Adelaide, SA.

Details of Application

Application Number	2006/134
Variety Name	'Sierrich'
Genus Species	<i>Prunus persica</i>
Common Name	Peach
Synonym	Nil
Accepted Date	7 Jul 2006
Applicant	Zaiger's Inc. Genetics, Modesto, CA, USA
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC
Qualified Person	Lisa Corcoran

Details of Comparative Trial

Overseas Testing Authority	U.S Patent and Trademark Office
Overseas Data Reference Number	PP12,391
Location	The overseas data was verified in Monbulk, VIC
Descriptor	Peach/Nectarine (<i>Prunus persica</i>) TG/53/6
Conditions	Where possible the overseas data was verified under local conditions. The US plant patent data was converted into standard UPOV characteristics for peach.

Origin and Breeding

Controlled pollination: the new and present variety of peach tree was developed by Zaiger's Inc Genetics at their experimental orchard near Modesto, California as a first generation cross between 'Zee Lady' peach and 'Vista' peach. A large number of these first generation trees were maintained and observed growing on their own roots. After observation the present variety was selected for asexual propagation and commercialisation based on its desirable fruiting characteristics. Breeder: Zaiger's Inc. Genetics, Modesto, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	size	large
Flower	type	showy
Petiole	nectaries	present
Fruit	pubescence	present
Fruit	ground colour of flesh	yellow
Stone	adherence to flesh	present
Fruit	anthocyanin colouration around stone	strongly expressed

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Vista'	'Vista', as it is known in the USA is known here in Australia as 'Vistarich'. 'Vista' has a lower chill requirement, is a semi-clingstone and matures slightly earlier than that of 'Sierrich'.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Sierrich’	‘Vista’
<input type="checkbox"/> *Tree: size	large	large
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> *Flower: type	showy	showy
<input type="checkbox"/> *Calyx: colour of inner side	orange	orange
<input type="checkbox"/> *Corolla: predominant colour	medium pink	
<input type="checkbox"/> *Petal: shape	round	
<input type="checkbox"/> *Petal: size	large	
<input type="checkbox"/> *Petals: number	five	
<input type="checkbox"/> *Anthers: pollen	present	present
<input type="checkbox"/> *Ovary: pubescence	present	present
<input type="checkbox"/> *Leaf blade: length	long	long
<input type="checkbox"/> *Leaf blade: width	broad	broad
<input type="checkbox"/> *Leaf blade: ratio	large	large
<input type="checkbox"/> *Petiole: nectaries	present	present
<input type="checkbox"/> *Petiole: shape of nectaries	reniform	reniform
<input type="checkbox"/> Petiole: predominant number of nectaries	two	two
<input type="checkbox"/> *Fruit: size	large	large
<input type="checkbox"/> *Fruit: shape	round	round
<input type="checkbox"/> *Fruit: ground colour	yellow	yellow
<input type="checkbox"/> Fruit: over colour	present	present
<input type="checkbox"/> Fruit: hue of over colour	medium red	medium red
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush	solid flush
<input type="checkbox"/> *Fruit: extent of over colour	large	large
<input type="checkbox"/> *Fruit: pubescence	present	present
<input type="checkbox"/> *Fruit: density of pubescence	medium	medium
<input type="checkbox"/> Fruit: thickness of skin	medium	medium
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> *Fruit: ground colour of flesh	yellow	yellow
<input type="checkbox"/> *Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	absent or very weakly expressed
<input checked="" type="checkbox"/> *Fruit: anthocyanin colouration of flesh	weakly expressed	absent or very weakly expressed

<input type="checkbox"/>	*Fruit: anthocyanin colouration around stone	strongly expressed	strongly expressed
<input type="checkbox"/>	Fruit: texture of the flesh	fibrous	fibrous
<input type="checkbox"/>	*Stone: size compared to fruit	large	large
<input checked="" type="checkbox"/>	*Stone: adherence to flesh	absent	present
<input type="checkbox"/>	*Time of: beginning of flowering	medium	medium
<input type="checkbox"/>	*Duration of: flowering	medium	medium
<input type="checkbox"/>	*Time of: maturity	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sierrich’	‘Vista’
<input checked="" type="checkbox"/> Fruit: chill hours	high	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2001	Granted	‘Sierra Rich’

First sold in the USA in Feb 2002. First Australian sale Jul 2005.

Description: **Lisa Corcoran**, Fleming’s Nurseries & Associates Pty Ltd, Monbulk, VIC.

Details of Application

Application Number	2007/142
Variety Name	'Snow Angel'
Genus Species	<i>Prunus persica</i>
Common Name	Peach
Synonym	Nil
Accepted Date	17 Jun 2007
Applicant	Zaiger's Inc. Genetics, Modesto, CA, USA
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC
Qualified Person	Graham Fleming

Details of Comparative Trial

Overseas Testing Authority	U.S Patent and Trademark Office
Overseas Data Reference Number	PP 18,750
Location	
Descriptor	Peach/Nectarine (<i>Prunus persica</i>) TG/53/6.
Conditions	Where possible the overseas data was verified under local conditions. The plant patent data was translated to standard UPOV characteristics for peach.

Origin and Breeding

Cross pollination: the new and distinct variety of peach tree was developed by Zaiger's Inc. Genetics at their experimental orchard near Modesto, California as a first generation seedling. The seed was collected from a cross of two proprietary parents with the field identification numbers '174LE309' as the seed parent and '2LD470' as the pollen parent. These seedlings were planted and observed growing on their own roots. The present variety displayed desirable fruiting characteristics and was chosen for asexual propagation and commercialisation. Breeder: Zaiger's Inc. Genetics, Modesto, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	size	large
Flower	type	showy
Petiole	nectaries	present
Fruit	pubescence	present
Fruit	ground colour of flesh	white
Stone	adherence to flesh	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Snow Kist'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Ivory Dutchess'	Fruit time of maturity	very early	early	'Ivory Dutchess' matures approximately 10 days after 'Snow Angel'.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Snow Angel'	'Snow Kist'
<input type="checkbox"/> *Tree: size	large	large
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> *Flowering shoot: density of flower buds	medium	
<input type="checkbox"/> *Flower: type	showy	showy
<input type="checkbox"/> *Calyx: colour of inner side	greenish yellow	greenish yellow
<input checked="" type="checkbox"/> *Corolla: predominant colour	violet pink	medium pink
<input type="checkbox"/> *Petal: shape	broad elliptic	
<input type="checkbox"/> *Petals: number	five	
<input type="checkbox"/> *Stigma: position	below	
<input type="checkbox"/> *Anthers: pollen	present	present
<input type="checkbox"/> *Ovary: pubescence	present	present
<input type="checkbox"/> *Leaf blade: length	medium	medium to long
<input type="checkbox"/> *Leaf blade: width	medium	medium to broad
<input type="checkbox"/> *Leaf blade: ratio	medium	medium to large
<input type="checkbox"/> *Petiole: nectaries	present	present
<input checked="" type="checkbox"/> *Petiole: shape of nectaries	round	reniform
<input checked="" type="checkbox"/> *Fruit: size	medium	large
<input type="checkbox"/> *Fruit: shape	round	round
<input checked="" type="checkbox"/> *Fruit: ground colour	cream	pink white
<input type="checkbox"/> Fruit: over colour	present	present
<input checked="" type="checkbox"/> Fruit: hue of over colour	pink red	light red
<input checked="" type="checkbox"/> *Fruit: pattern of over colour	solid flush	mottled
<input type="checkbox"/> *Fruit: extent of over colour	very large	very large
<input type="checkbox"/> *Fruit: pubescence	present	present
<input type="checkbox"/> *Fruit: density of pubescence	medium	medium

<input type="checkbox"/>	Fruit: thickness of skin	medium	medium
<input type="checkbox"/>	*Fruit: firmness of flesh	firm	firm
<input type="checkbox"/>	*Fruit: ground colour of flesh	white	white
<input type="checkbox"/>	*Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	
<input type="checkbox"/>	*Fruit: anthocyanin colouration of flesh	absent or very weakly expressed	
<input type="checkbox"/>	*Fruit: anthocyanin colouration around stone	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	Fruit: texture of the flesh	fibrous	fibrous
<input type="checkbox"/>	*Stone: size compared to fruit	medium	medium to large
<input type="checkbox"/>	*Stone: adherence to flesh	present	present
<input type="checkbox"/>	*Time of: beginning of flowering	early	early to medium
<input type="checkbox"/>	*Duration of: flowering	medium	medium
<input checked="" type="checkbox"/>	*Time of: maturity	very early	early

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2004	Granted	'Snow Angel'

First sold in the USA in Feb 2003. First Australian sale Aug 2006.

Description: **Lisa Corcoran**, Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC.

Details of Application

Application Number	2006/321
Variety Name	'Sweet Henry'
Genus Species	<i>Prunus persica</i>
Common Name	Peach
Synonym	Nil
Accepted Date	27 Feb 2007
Applicant	Zaiger's Inc. Genetics, Modesto, CA, USA
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC
Qualified Person	Graham Fleming

Details of Comparative Trial

Overseas Testing Authority	U.S Patent and Trademark Office
Overseas Data Reference Number	PP16,068
Location	
Descriptor	Peach/Nectarine (<i>Prunus persica</i>)TG/53/6.
Conditions	Where possible the overseas data was verified under local conditions. The plant patent data was translated to standard UPOV characteristics for peach.

Origin and Breeding

Open pollination: the new and distinct variety was developed by Zaiger's Inc Genetics at their experimental orchard near Modesto, California as an open pollinated seedling. Seed was collected from a proprietary parent with field identification 226LK410. A large number of these open pollinated seedlings were maintained growing on their own roots. After observation the present variety was selected for a sexual propagation and commercialisation based on its desirable fruiting characteristics. Breeder: Zaiger's Inc. Genetics, Modesto, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	size	large
Flower	type	showy
Petiole	nectaries	present
Fruit	pubescence	present
Fruit	ground colour of flesh	yellow
Fruit	firmness of flesh	firm

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Valley Sweet'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Sweet Henry’	‘Valley Sweet’
<input type="checkbox"/> *Tree: size	large	large
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> *Flower: type	showy	showy
<input type="checkbox"/> *Calyx: colour of inner side	orange	orange
<input type="checkbox"/> *Petal: shape	round	
<input type="checkbox"/> *Petal: size	very large	large
<input type="checkbox"/> *Petals: number	five	
<input type="checkbox"/> *Stigma: position	same level	
<input type="checkbox"/> *Anthers: pollen	present	present
<input type="checkbox"/> *Leaf blade: length	medium to long	long
<input type="checkbox"/> *Leaf blade: width	medium to broad	broad
<input type="checkbox"/> *Petiole: nectaries	present	present
<input type="checkbox"/> *Petiole: shape of nectaries	reniform	reniform
<input type="checkbox"/> Petiole: predominant number of nectaries	two	two
<input type="checkbox"/> *Fruit: size	large	large
<input type="checkbox"/> *Fruit: shape	round	round
<input checked="" type="checkbox"/> *Fruit: ground colour	orange yellow	yellow
<input type="checkbox"/> Fruit: over colour	present	present
<input checked="" type="checkbox"/> Fruit: hue of over colour	dark red	medium red
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush	solid flush
<input checked="" type="checkbox"/> *Fruit: extent of over colour	large	medium
<input type="checkbox"/> *Fruit: pubescence	present	present
<input type="checkbox"/> *Fruit: density of pubescence	medium	medium
<input type="checkbox"/> Fruit: thickness of skin	medium	medium
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> *Fruit: ground colour of flesh	yellow	yellow
<input type="checkbox"/> *Fruit: anthocyanin colouration directly under skin	weakly expressed	absent or very weakly expressed
<input type="checkbox"/> *Fruit: anthocyanin colouration of flesh	weakly expressed	weakly expressed
<input type="checkbox"/> *Fruit: anthocyanin colouration around stone	strongly expressed	strongly expressed
<input type="checkbox"/> *Stone: size compared to fruit	large	medium to large

<input checked="" type="checkbox"/>	*Stone: adherence to flesh	present	absent
<input type="checkbox"/>	*Time of: beginning of flowering	early	early to medium
<input type="checkbox"/>	*Duration of: flowering	medium	short to medium
<input checked="" type="checkbox"/>	*Time of: maturity	late to very late	medium
<u>Characteristics Additional to the Descriptor/TG</u>			
Organ/Plant Part: Context		‘Sweet Henry’	‘Valley Sweet’
<input checked="" type="checkbox"/>	Fruit: chill units	medium chill	high chill

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2004	Granted	‘Sweet Henry’

First sold in the USA in Oct 2005.

Description: **Lisa Corcoran**, Fleming’s Nurseries & Associates Pty Ltd, Monbulk, VIC

Details of Application

Application Number	2006/204
Variety Name	'Sweet Shasta'
Genus Species	<i>Prunus persica</i>
Common Name	Peach
Synonym	Nil
Accepted Date	10 Aug 2006
Applicant	Zaiger's Inc. Genetics, Modesto, CA, USA
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC
Qualified Person	Lisa Corcoran

Details of Comparative Trial

Overseas Testing Authority	U.S Patent and Trademark Office
Overseas Data Reference Number	PP 14,515
Location	The overseas data was verified in Monbulk, VIC
Descriptor	Peach/Nectarine (<i>Prunus persica</i>) TG/53/6.
Conditions	Where possible the overseas data was verified under local conditions. The plant patent data was translated into standard UPOV characteristics for peach.

Origin and Breeding

Cross pollination: the new and distinct variety of peach tree was developed by Zaiger's Inc Genetics at their experimental orchard near Modesto, California as a first generation cross between two proprietary parents with field identification numbers 88ED70 and 7LA283. A large number of these first generation seedlings were observed growing on their own roots. After close observation the present variety was selected for asexual propagation and commercialisation based on its desirable fruiting characteristics. Breeder: Zaiger's Inc. Genetics, Modesto, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	size	large
Flower	type	showy
Petiole	nectaries	present
Fruit	pubescence	present
Fruit	ground colour of flesh	orange yellow/yellow
Stone	adherence to flesh	present
Fruit	flesh flavour	sub acid

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sweet Blaze'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Sweet Shasta'	'Sweet Blaze'
<input type="checkbox"/> *Tree: size	large	large
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> *Flower: type	showy	showy
<input type="checkbox"/> *Calyx: colour of inner side	orange	orange
<input type="checkbox"/> *Petal: shape	round	
<input type="checkbox"/> *Petal: size	large	large
<input type="checkbox"/> *Petals: number	five	
<input type="checkbox"/> *Stigma: position	above	
<input type="checkbox"/> *Anthers: pollen	present	present
<input type="checkbox"/> *Ovary: pubescence	present	present
<input type="checkbox"/> *Leaf blade: length	medium to long	long
<input type="checkbox"/> *Leaf blade: width	medium to broad	broad
<input type="checkbox"/> *Leaf blade: ratio	medium to large	large
<input type="checkbox"/> *Petiole: nectaries	present	present
<input type="checkbox"/> *Petiole: shape of nectaries	reniform	reniform
<input type="checkbox"/> Petiole: predominant number of nectaries	more than two	more than two
<input type="checkbox"/> *Fruit: size	large	large
<input type="checkbox"/> *Fruit: shape	round	round
<input type="checkbox"/> *Fruit: ground colour	orange yellow	yellow
<input type="checkbox"/> Fruit: over colour	present	present
<input checked="" type="checkbox"/> Fruit: hue of over colour	dark red	medium red
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush	solid flush
<input type="checkbox"/> *Fruit: extent of over colour	large	large
<input type="checkbox"/> *Fruit: pubescence	present	present
<input type="checkbox"/> *Fruit: density of pubescence	medium	medium
<input type="checkbox"/> Fruit: thickness of skin	medium	medium
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> *Fruit: ground colour of flesh	yellow	yellow
<input type="checkbox"/> *Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	
<input type="checkbox"/> *Fruit: anthocyanin colouration of flesh	weakly expressed	weakly expressed

<input checked="" type="checkbox"/>	*Fruit: anthocyanin colouration around stone	strongly expressed	weakly expressed
<input type="checkbox"/>	Fruit: texture of the flesh	fibrous	fibrous
<input type="checkbox"/>	*Stone: size compared to fruit	large	large
<input checked="" type="checkbox"/>	*Stone: adherence to flesh	absent	present
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	early	medium
<input type="checkbox"/>	*Duration of: flowering	medium	medium
<input type="checkbox"/>	*Time of: maturity	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sweet Shasta'	'Sweet Blaze'
<input checked="" type="checkbox"/> Fruit: chill hours	low	high

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2002	Granted	'Sweet Shasta'

First sold in the USA in Feb 2004. First Australian sale Jul 2005.

Description: **Lisa Corcoran**, Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC.

Details of Application

Application Number	2007/328
Variety Name	'Ivoryduchess'
Genus Species	<i>Prunus persica</i>
Common Name	Peach
Synonym	Whiteduchess
Accepted Date	29 Feb 2008
Applicant	Lowell G. Bradford, Le Grand, CA, USA
Agent	Buchanan's Nursery, Hodgsonvale, QLD
Qualified Person	Peter Buchanan

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademark Office
Overseas Data Reference Number	US PP 17,282
Location	Overseas data was verified at Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD 4352.
Descriptor	Peach/Nectarine (<i>Prunus persica</i>) TG/53/6.
Period	3 years.
Conditions	Normal growing conditions for Hodgsonvale QLD. Some drought conditions were experienced. Supplemental irrigation was required for the duration of the trial.
Trial Design	10 trees of the proposed variety and the comparator were planted at 1.5m x 5m tree spacing. Irrigation was applied and industry standard management practice was used.
Measurements	Observations of tree and fruit characteristics were made to confirm the variety is true to type and to see if there were any climatic or geographic variations.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The variety was developed as a first generation cross using an unnamed white nectarine as the selected seed parent and an unnamed yellow fleshed peach as the selected pollen parent. The unnamed seed parent was a first generation cross of 'Spring Bright' nectarine by an unnamed white fleshed nectarine. The unnamed pollen parent was a first generation cross of 'Spring Bright' nectarine by an unnamed yellow peach. A single tree was selected from the stated cross and claimed as the new variety. Subsequent to the origination of the new variety it was asexually reproduced by budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	size	medium to large
Flower	type	showy
Petiole	nectaries	present
Fruit	pubescence	present

Fruit	ground colour of flesh	whitish
Fruit	shape	round
Fruit	acidity	very low to low
Stone	adherence to flesh	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ivory Princess'	'Ivory Duchess' peach is most similar to 'Ivory Princess' peach by producing fruit that is clingstone in type, white in flesh colour, mostly red in skin colour, firm in texture, and sub-acid in flavour. It is distinguished from 'Ivory Princess' by requiring less chilling hours and producing fruit that is about eight days earlier in maturity.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Spring Bright'	Fruit pubescence	present	absent	'Spring Bright' nectarine is the 'Ivory Duchess' common seed and pollen grandparent. It is excluded because it is a nectarine and not a peach and matures about one month later than the 'Ivory Duchess'.
'Ivory Queen'	Fruit maturity	earlier	later	Candidate variety is 14 days earlier in maturity

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Ivory Duchess'	'Ivory Princess'
<input type="checkbox"/> *Tree: size	medium to large	medium to large
<input type="checkbox"/> Tree: vigour	strong	strong
<input checked="" type="checkbox"/> *Tree: habit	spreading	upright to semi-upright
<input type="checkbox"/> Flowering shoot: thickness	medium	medium
<input type="checkbox"/> Flowering shoot: length of internodes	medium	medium
<input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration	present	present
<input type="checkbox"/> *Flowering shoot: anthocyanin colouration	medium	weak to medium
<input checked="" type="checkbox"/> *Flowering shoot: density of flower buds	medium to dense	sparse to medium
<input type="checkbox"/> Flowering shoot: general distribution of flower buds	isolated	isolated
<input type="checkbox"/> *Flower: type	showy	showy
<input type="checkbox"/> *Calyx: colour of inner side	greenish yellow	greenish yellow

<input type="checkbox"/>	*Corolla: predominant colour	medium pink	medium pink
<input checked="" type="checkbox"/>	*Petal: shape	broad elliptic	round
<input type="checkbox"/>	*Petal: size	large	large
<input type="checkbox"/>	*Petals: number	five	five
<input type="checkbox"/>	Stamens: position	same level	same level
<input type="checkbox"/>	*Stigma: position	above	above
<input type="checkbox"/>	*Anthers: pollen	present	present
<input type="checkbox"/>	*Ovary: pubescence	present	present
<input type="checkbox"/>	Young shoot: length of stipule	medium	medium to long
<input type="checkbox"/>	*Leaf blade: length	medium to long	long
<input type="checkbox"/>	*Leaf blade: width	broad	broad
<input type="checkbox"/>	*Leaf blade: ratio	medium to large	medium
<input type="checkbox"/>	Leaf blade: shape in cross section	concave	concave
<input type="checkbox"/>	Leaf blade: recurvature of apex	present	present
<input type="checkbox"/>	Leaf blade: angle at base	acute	acute
<input type="checkbox"/>	Leaf blade: angle at apex	medium to large	medium to large
<input type="checkbox"/>	Leaf blade: colour	green	green
<input type="checkbox"/>	Petiole: length	medium	medium
<input type="checkbox"/>	*Petiole: nectaries	present	present
<input checked="" type="checkbox"/>	*Petiole: shape of nectaries	round	reniform
<input type="checkbox"/>	Petiole: predominant number of nectaries	more than two	more than two
<input type="checkbox"/>	*Fruit: size	large	large
<input type="checkbox"/>	*Fruit: shape	round	round
<input checked="" type="checkbox"/>	*Fruit: shape of pistil end	weakly pointed	flat
<input type="checkbox"/>	Fruit: symmetry	symmetric	symmetric
<input type="checkbox"/>	Fruit: prominence of suture	weak	weak to medium
<input type="checkbox"/>	Fruit: depth of stalk cavity	medium	medium
<input type="checkbox"/>	Fruit: width of stalk cavity	medium	medium
<input type="checkbox"/>	*Fruit: ground colour	pink white	pink white
<input type="checkbox"/>	Fruit: over colour	present	present
<input type="checkbox"/>	Fruit: hue of over colour	dark red	dark red
<input type="checkbox"/>	*Fruit: pattern of over colour	solid flush	solid flush
<input type="checkbox"/>	*Fruit: extent of over colour	large to very large	very large

<input type="checkbox"/>	*Fruit: pubescence	present	present
<input type="checkbox"/>	*Fruit: density of pubescence	medium	sparse to medium
<input type="checkbox"/>	Fruit: thickness of skin	medium	medium
<input type="checkbox"/>	Fruit: adherence of skin to flesh	medium to strong	strong
<input checked="" type="checkbox"/>	*Fruit: firmness of flesh	medium to firm	firm to very firm
<input type="checkbox"/>	*Fruit: ground colour of flesh	greenish white	cream white
<input checked="" type="checkbox"/>	*Fruit: anthocyanin colouration directly under skin	weakly expressed	absent or very weakly expressed
<input checked="" type="checkbox"/>	*Fruit: anthocyanin colouration of flesh	weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: anthocyanin colouration around stone	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	Fruit: texture of the flesh	not fibrous	not fibrous
<input type="checkbox"/>	Fruit: sweetness	high to very high	high to very high
<input type="checkbox"/>	Fruit: acidity	very low to low	very low to low
<input type="checkbox"/>	*Stone: size compared to fruit	small to medium	medium
<input type="checkbox"/>	*Stone: shape	round	round
<input type="checkbox"/>	Stone: intensity of brown colour	medium to dark	medium to dark
<input type="checkbox"/>	Stone: relief of surface	large pits	pits and grooves
<input type="checkbox"/>	Stone: tendency of splitting	very low to low	very low to low
<input type="checkbox"/>	*Stone: adherence to flesh	present	present
<input type="checkbox"/>	Stone: degree of adherence to flesh	strong to very strong	strong to very strong
<input checked="" type="checkbox"/>	Time of: leaf bud burst	early	late to very late
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	early	late to very late
<input checked="" type="checkbox"/>	*Duration of: flowering	short to medium	medium to long
<input type="checkbox"/>	*Time of: maturity	very early to early	early
<input type="checkbox"/>	Tendency to: preharvest drop	very weak to weak	very weak to weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Granted	'Ivory Duchess'

First sold in the USA in Jan 2006.

Description: **Peter Buchanan**, Hodgsonvale, QLD

Details of Application

Application Number	2007/327
Variety Name	'Diamondcandy'
Genus Species	<i>Prunus persica</i>
Common Name	Peach
Synonym	Diamondgold
Accepted Date	29 Feb 2008
Applicant	Lowell G. Bradford, Le Grand, CA, USA
Agent	Buchanan's Nursery, Hodgsonvale, QLD
Qualified Person	Peter Buchanan

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademark Office
Overseas Data Reference Number	US PP 17,758
Location	Overseas data was verified at Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352.
Descriptor Period	Peach/Nectarine (<i>Prunus persica</i>) TG/53/6. 3 years.
Conditions	Normal growing conditions for Hodgsonvale, QLD. Some drought conditions were experienced. Supplemental irrigation was required for the duration of the trial.
Trial Design	10 trees of the proposed variety and the comparator were planted at 1.5m x 5m tree spacing. Irrigation was applied and industry standard management practice was used.
Measurements	Observations of tree and fruit characteristics were made to confirm the variety is true to type and to see if there were any climatic or geographic variations.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The new peach variety was developed as a first generation cross using 'Diamond Ray' (USPP 8'948) yellow-fleshed nectarine as the selected seed parent and an unnamed peach as the selected pollen parent. A single tree from the stated cross was selected as the new variety. Subsequent to origination of the new variety it was asexually reproduced by budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	size	medium
Flower	type	showy
Petiole	nectaries	present
Fruit	pubescence	present
Fruit	ground colour of flesh	yellow
Fruit	shape	round
Stone	adherence to flesh	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Spring Candy'	'Diamond Candy' is similar to 'Spring Candy' by producing freestone peaches that are yellow in flesh colour, sub-acid in flavour, globose in shape and firm in texture. 'Spring Candy' peach is distinguished by producing peaches that have more red bleeding around the stone and that mature eight days earlier.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Diamond Ray'	Fruit pubescence	present	absent	Seed parent; excluded as a comparator because it is a nectarine and 'Diamond Candy' is a peach.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Diamondcandy'	'Spring Candy'
<input type="checkbox"/> *Tree: size	medium	medium
<input type="checkbox"/> Tree: vigour	medium to strong	medium to strong
<input type="checkbox"/> *Tree: habit	upright to semi-upright	upright to semi-upright
<input type="checkbox"/> Flowering shoot: thickness	medium	medium
<input type="checkbox"/> Flowering shoot: length of internodes	medium	medium
<input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration	present	present
<input type="checkbox"/> *Flowering shoot: anthocyanin colouration	strong	medium to strong
<input checked="" type="checkbox"/> *Flowering shoot: density of flower buds	medium to dense	sparse to medium
<input checked="" type="checkbox"/> Flowering shoot: general distribution of flower buds	in groups of two or more	isolated
<input type="checkbox"/> *Flower: type	showy	showy
<input type="checkbox"/> *Calyx: colour of inner side	orange	orange
<input checked="" type="checkbox"/> *Corolla: predominant colour	dark pink	medium pink
<input type="checkbox"/> *Petal: shape	round	round
<input type="checkbox"/> *Petal: size	large	large
<input type="checkbox"/> *Petals: number	five	five
<input type="checkbox"/> Stamens: position	same level	same level
<input type="checkbox"/> *Stigma: position	above	above
<input type="checkbox"/> *Anthers: pollen	present	present
<input type="checkbox"/> *Ovary: pubescence	present	present

<input type="checkbox"/>	Young shoot: length of stipule	medium	medium
<input type="checkbox"/>	*Leaf blade: length	medium to long	medium to long
<input type="checkbox"/>	*Leaf blade: width	medium	medium to broad
<input type="checkbox"/>	*Leaf blade: ratio	medium	medium
<input type="checkbox"/>	Leaf blade: shape in cross section	concave	concave
<input type="checkbox"/>	Leaf blade: recurvature of apex	present	present
<input type="checkbox"/>	Leaf blade: angle at base	acute	acute
<input checked="" type="checkbox"/>	Leaf blade: angle at apex	large	medium
<input type="checkbox"/>	Leaf blade: colour	green	green
<input type="checkbox"/>	Petiole: length	medium	medium
<input type="checkbox"/>	*Petiole: nectaries	present	present
<input type="checkbox"/>	*Petiole: shape of nectaries	reniform	reniform
<input type="checkbox"/>	Petiole: predominant number of nectaries	more than two	more than two
<input type="checkbox"/>	*Fruit: size	large to very large	large
<input type="checkbox"/>	*Fruit: shape	round	round
<input type="checkbox"/>	*Fruit: shape of pistil end	weakly depressed	weakly depressed
<input type="checkbox"/>	Fruit: symmetry	symmetric	symmetric
<input type="checkbox"/>	Fruit: prominence of suture	weak	weak
<input type="checkbox"/>	Fruit: depth of stalk cavity	medium	medium
<input type="checkbox"/>	Fruit: width of stalk cavity	medium	medium
<input type="checkbox"/>	*Fruit: ground colour	orange yellow	orange yellow
<input type="checkbox"/>	Fruit: over colour	present	present
<input type="checkbox"/>	Fruit: hue of over colour	dark red	dark red
<input type="checkbox"/>	*Fruit: pattern of over colour	solid flush	solid flush
<input type="checkbox"/>	*Fruit: extent of over colour	very large	very large
<input type="checkbox"/>	*Fruit: pubescence	present	present
<input checked="" type="checkbox"/>	*Fruit: density of pubescence	sparse to medium	medium to dense
<input type="checkbox"/>	Fruit: thickness of skin	medium	medium
<input type="checkbox"/>	Fruit: adherence of skin to flesh	strong to very strong	strong to very strong
<input type="checkbox"/>	*Fruit: firmness of flesh	firm to very firm	firm
<input type="checkbox"/>	*Fruit: ground colour of flesh	yellow	yellow
<input type="checkbox"/>	*Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: anthocyanin colouration of flesh	absent or very weakly expressed	weakly expressed

		weakly expressed	
<input checked="" type="checkbox"/>	*Fruit: anthocyanin colouration around stone	weakly expressed	strongly expressed
<input type="checkbox"/>	Fruit: texture of the flesh	not fibrous	not fibrous
<input type="checkbox"/>	Fruit: sweetness	high to very high	high to very high
<input type="checkbox"/>	Fruit: acidity	very low to low	low
<input type="checkbox"/>	*Stone: size compared to fruit	medium	medium
<input type="checkbox"/>	*Stone: shape	elliptic	elliptic
<input type="checkbox"/>	Stone: intensity of brown colour	medium to dark	dark
<input checked="" type="checkbox"/>	Stone: relief of surface	grooves	large pits
<input type="checkbox"/>	Stone: tendency of splitting	low	low
<input type="checkbox"/>	*Stone: adherence to flesh	absent	absent
<input type="checkbox"/>	Stone: degree of adherence to flesh	very weak to weak	very weak to weak
<input type="checkbox"/>	Time of: leaf bud burst	medium	early to medium
<input type="checkbox"/>	*Time of: beginning of flowering	medium	early to medium
<input type="checkbox"/>	*Duration of: flowering	medium	medium
<input type="checkbox"/>	*Time of: maturity	early to medium	early
<input type="checkbox"/>	Tendency to: preharvest drop	weak	very weak to weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Granted	'Diamond Candy'

First sold in the USA in Jan 2006.

Description: **Peter Buchanan**, Hodgsonvale, QLD

Details of Application

Application Number	2007/287
Variety Name	'Sipima 280'
Genus Species	<i>Gossypium barbadense</i>
Common Name	Pima Cotton
Synonym	Nil
Accepted Date	19 Nov 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6.
Period	2007/08 summer.
Conditions	Field grown irrigated trial with conventional management.
Trial Design	10 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent line 99469F1 x pollen parent 'Pima A8' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri, NSW. The seed parent line 99469F1 is distinguished from 'Sipima 280' by its segregation for resistance to bacterial blight. The pollen parent 'Pima A8' is distinguished from 'Sipima 280' by its susceptibility to bacterial blight. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, verticillium and Fusarium wilt, leaf hair, lint %, fibre quality and yield. Breeder: Dr Greg Constable, CSIRO, Narrabri NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	habit	erect
Plant	height	medium to tall
Leaf	shape	palmate
Leaf	pubescence	medium
Boll	time of opening	late
Disease resistance	verticillium wilt	resistant
Disease resistance	Fusarium wilt	medium resistance

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Pima A8'	Pollen parent.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Sipima 280'	'Pima A8'
<input type="checkbox"/> *Flower: colour of petal	yellow	yellow
<input type="checkbox"/> Flower: intensity of spot on petal	strong	strong
<input type="checkbox"/> *Flower: colour of pollen	yellow	yellow
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input type="checkbox"/> Fruiting branch: length	medium to long	medium to long
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	long	long
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	medium	medium
<input type="checkbox"/> *Leaf: nectaries	present	present
<input type="checkbox"/> Boll: size	small	small
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	medium	medium
<input type="checkbox"/> *Boll: length of peduncle	short to medium	short to medium
<input type="checkbox"/> *Plant: shape	conical	conical
<input type="checkbox"/> *Plant: height	medium to tall	medium to tall
<input type="checkbox"/> *Boll: time of opening	late	late
<input type="checkbox"/> *Seed: presence of fuzz	absent	absent
<input type="checkbox"/> Boll: content of lint	low to medium	low to medium
<input type="checkbox"/> *Fibre: length	very long	very long
<input type="checkbox"/> Fibre: strength	very strong	very strong
<input type="checkbox"/> Fibre: fineness	fine to medium	fine to medium
<input type="checkbox"/> Fibre: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sipima 280'	'Pima A8'
<input checked="" type="checkbox"/> Disease resistance: bacterial blight	resistant	susceptible

Statistical Table

Organ/Plant Part: Context	'Sipima 280'	'Pima A8'
<input type="checkbox"/> Plant: height (cm)		
Mean	119.60	114.00
Std. Deviation	10.00	9.60
LSD/sig	7.2	ns
<input type="checkbox"/> Plant: nodes to first fruiting branch		
Mean	6.50	6.60
Std. Deviation	0.37	0.23
LSD/sig	0.27	ns
<input type="checkbox"/> Plant: distance to first fruiting branch (cm)		
Mean	18.20	18.60
Std. Deviation	1.78	1.76
LSD/sig	1.68	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	162.70	173.20
Std. Deviation	14.40	22.10
LSD/sig	26.7	ns
<input type="checkbox"/> Plant: number of nodes		
Mean	24.90	24.70
Std. Deviation	1.49	1.57
LSD/sig	0.8	ns
<input type="checkbox"/> Peduncle: length (mm)		
Mean	22.80	23.60
Std. Deviation	1.30	1.46
LSD/sig	4.5	ns
<input checked="" type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	7.10	6.00
Std. Deviation	1.03	0.98
LSD/sig	0.73	P≤0.01
<input type="checkbox"/> Boll: lint proportion (%)		
Mean	34.30	35.20
Std. Deviation	0.68	0.93
LSD/sig	1.1	ns
<input checked="" type="checkbox"/> Boll: seed index		
Mean	14.60	13.80
Std. Deviation	0.45	0.89
LSD/sig	0.55	P≤0.01
<input type="checkbox"/> Boll: lint index		
Mean	7.60	7.50
Std. Deviation	0.25	0.18
LSD/sig	0.45	ns
<input type="checkbox"/> Boll: number of seeds		
Mean	15.10	14.90

Std. Deviation	0.92	0.95
LSD/sig	1.6	ns
<input type="checkbox"/> Boll: weight (g)		
Mean	3.40	3.20
Std. Deviation	0.21	0.23
LSD/sig	0.34	ns
<input type="checkbox"/> Fibre: length (mm)		
Mean	35.81	35.31
Std. Deviation	0.76	0.76
LSD/sig	0.76	ns
<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	88.60	89.00
Std. Deviation	0.83	1.30
LSD/sig	1.42	ns
<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	48.60	48.10
Std. Deviation	1.75	0.97
LSD/sig	1.54	ns
<input type="checkbox"/> Fibre: extension (%)		
Mean	3.81	4.00
Std. Deviation	0.13	0.11
LSD/sig	0.16	ns
<input type="checkbox"/> Fibre: micronaire		
Mean	3.48	3.75
Std. Deviation	0.15	0.19
LSD/sig	0.28	ns

Prior Applications and Sales

Prior applications nil. First sold in Australia in Sep 2007

Description: **Warwick Stiller**, Australian Cotton Research Institute (ACRI), Narrabri, NSW.

Details of Application

Application Number	2005/051
Variety Name	'Fiselfi'
Genus Species	<i>Euphorbia pulcherrima</i>
Common Name	Poinsettia
Synonym	Nil
Accepted Date	13 Jul 2005
Applicant	FLORA-NOVA Pflanzen GmbH, Dusseldorf, Germany
Agent	Sprint Horticulture Pty Ltd, Erina, NSW
Qualified Person	Tim Angus

Details of Comparative Trial

Overseas Testing	Denmark
Authority	
Overseas Data	2000/1675
Reference Number	
Location	Trial conducted in 2001 at Danmarks JordbrugsForskning, Afd. For Prydplanter, Kirstinebjergvej 10, DK-5792 Aarslev (Denmark).
Descriptor	Poinsettia (<i>Euphorbia</i>) TG/24/5.
Period	2001.
RHS Chart - edition	1986.

Origin and Breeding

Controlled pollination: seed parent breeding line S90-1204-1 x pollen parent unknown in a planned breeding program. Seed parent is characterised by Foliage: colour medium green and Growth habit: vigorous. Pollen parent was probably characterised by Foliage: colour dark green; Bract: colour red. Selection criteria: plant habit, cultivation ability, foliage colour, and bract colour. Selection was done at Hillscheid, Germany in Dec 1995. Propagation: by vegetative tip cuttings, no off types occurred in at least three successive vegetative generations during the selection process and in numerous vegetative generations since selection. 'Fiselfi' will be commercially propagated by vegetative tip cuttings. Breeder: Katharina Zerr, Hillscheid, Germany.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	branching	present
Leaf blade	colour of upper side	greenish
Bract	colour	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Duemalabri'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Fismille'	Plant height	very short	tall	
'Fisson'	Plant height	very short	tall	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Fiselfi’	‘Duemalbri’
<input type="checkbox"/> *Plant: monstrosity	absent	absent
<input type="checkbox"/> *Plant: branching	present	present
<input type="checkbox"/> *Plant: number of branches	medium to many	
<input type="checkbox"/> Plant: height	very short	
<input type="checkbox"/> Plant: width	medium to broad	
<input type="checkbox"/> *Stem: colour	reddish	reddish
<input type="checkbox"/> *Stem: intensity of colour	medium to strong	
<input type="checkbox"/> *Leaf blade: length	medium	
<input type="checkbox"/> *Leaf blade: width	narrow to medium	
<input type="checkbox"/> *Leaf blade: shape	broad ovate	broad ovate
<input type="checkbox"/> *Leaf blade: shape of base	rounded	rounded
<input type="checkbox"/> *Leaf blade: colour of upper side	greenish	greenish
<input type="checkbox"/> *Leaf blade: intensity of colour of upper side	strong	
<input type="checkbox"/> *Leaf blade: colour of lower side	greenish	greenish
<input type="checkbox"/> *Leaf blade: intensity of colour of lower side	medium	
<input type="checkbox"/> *Leaf blade: colour of veins on upper side	reddish	reddish
<input type="checkbox"/> *Leaf blade: colour of veins on lower side	reddish	reddish
<input type="checkbox"/> *Leaf blade: development of lobes	weak	
<input type="checkbox"/> *Leaf blade: shape of sinus between lobes	rounded	rounded
<input type="checkbox"/> *Leaf blade: incision of margin	absent	absent
<input type="checkbox"/> *Petiole: length	long	
<input type="checkbox"/> *Petiole: colour of upper side	reddish	reddish
<input type="checkbox"/> *Petiole: intensity of colour of upper side	strong	
<input type="checkbox"/> *Petiole: colour of lower side	reddish	reddish
<input type="checkbox"/> *Petiole: intensity of colour of lower side	medium to strong	
<input type="checkbox"/> *Bract: bicoloured bracts	present	present
<input type="checkbox"/> *Bracts: number of uniform coloured bracts	medium to many	
<input type="checkbox"/> *Bracts: number of bicoloured bracts	medium	
<input type="checkbox"/> *Bracts: distance between the upper and lower bracts	short to medium	
<input checked="" type="checkbox"/> *Bract: colour of upper side (RHS colour chart)	red RHS 46B	dark purple-red 46A/53A
<input type="checkbox"/> Bract: colour of margin compared to main part	similar	similar

<input type="checkbox"/>	*Bract: colour of lower side (RHS colour chart)	red to dark pink-red RHS 45B/53C	
<input type="checkbox"/>	Bract: development of lobes	absent or very weak	absent or very weak
<input type="checkbox"/>	Bract: incision of margin	absent	absent
<input type="checkbox"/>	Bract: curving	absent	absent
<input type="checkbox"/>	Bract: twisting	present	present
<input type="checkbox"/>	Bract: rugosity between veins	present	present
<input type="checkbox"/>	Bract: intensity of rugosity between veins	weak	
<input type="checkbox"/>	*Largest bract: length	short	
<input type="checkbox"/>	*Largest bract: width	narrow to medium	
<input type="checkbox"/>	*Largest bract: shape of base	wedge-shaped	wedge-shaped
<input type="checkbox"/>	*Largest bract: shape	broad elliptical	
<input checked="" type="checkbox"/>	*Cyme: width	medium	very narrow
<input type="checkbox"/>	*Cyathium: size of glands	medium	
<input type="checkbox"/>	*Cyathium: colour of glands	yellow	yellow
<input type="checkbox"/>	Cyathium: red colouration of margin of glands	present	present
<input type="checkbox"/>	Cyathium: intensity of colouration of margin of glands	very weak to weak	
<input type="checkbox"/>	Time of: opening of first three cyathia	early to medium	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2000	Granted	'Fiselfi'
Switzerland	2002	Granted	'Fiselfi'
Germany	2000	Withdrawn	'Fiselfi'
Israel	2002	Applied	'Fiselfi'
Japan	2004	Granted	'Fiselfi'
South Korea	2003	Granted	'Fiselfi'
Norway	2002	Applied	'Fiselfi'
Poland	2002	Granted	'Fiselfi'
EU	2002	Granted	'Fiselfi'
USA	2001	Granted	'Fiselfi'

First sold in EU in Feb 2004.

Description: **Tim Angus**, Wellington, New Zealand

Details of Application

Application Number	2005/040
Variety Name	'Fismarble Silver'
Genus Species	<i>Euphorbia pulcherrima</i>
Common Name	Poinsettia
Synonym	Nil
Accepted Date	9 Mar 2005
Applicant	FLORA-NOVA Pflanzen GmbH, Dusseldorf, Germany
Agent	Sprint Horticulture Pty Ltd, Erina, NSW
Qualified Person	Tim Angus

Details of Comparative Trial

Overseas Testing	Denmark
Authority	
Overseas Data	2000/1673
Reference Number	
Location	Trial conducted in 2001 at Danmarks JordbrugsForskning, Afd. For Prydplanter, Kirstinebjergvej 10, DK-5792 Aarslev (Denmark).
Descriptor	Poinsettia (<i>Euphorbia</i>) TG/24/5.
Period	2001.
RHS Chart - edition	1986

Origin and Breeding

Spontaneous mutation: parent 'Marblestar'. Parent is characterised by Foliage: colour medium green, uniform. Selection criteria: plant habit, cultivation ability, foliage colour, and bract colour. Selection was done initially at Cuernavaca, Mexico and then in Hillscheid, Germany in 1999. Propagation: by vegetative tip cuttings, no off types occurred in at least three successive vegetative generations during the selection process and in numerous vegetative generations since selection. 'Fismarble Silver' will be commercially propagated by vegetative tip cuttings. Breeder: Joachim Hitzgrath, Cuernavaca, Mexico.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	branching	present
Leaf blade	colour	variegated
Bract	colour of upper side	marble: light red-pink 36C+, red-pink 48C+, dark red-pink/red-pink 48A/B

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bright Marble Queen'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Marblestar'	Leaf blade colour	variegated	non-variegated	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Fismarble Silver’	‘Bright Marble Queen’
<input type="checkbox"/> *Plant: monstrosity	absent	absent
<input type="checkbox"/> *Plant: branching	present	present
<input type="checkbox"/> *Plant: number of branches	many	
<input type="checkbox"/> Plant: height	very short to short	
<input type="checkbox"/> Plant: width	medium to broad	
<input type="checkbox"/> *Stem: colour	greenish	greenish
<input type="checkbox"/> *Stem: intensity of colour	medium to strong	
<input type="checkbox"/> *Leaf blade: length	medium	
<input type="checkbox"/> *Leaf blade: width	very narrow to narrow	
<input type="checkbox"/> *Leaf blade: shape	broad ovate	
<input type="checkbox"/> *Leaf blade: colour of veins on upper side	greenish	greenish
<input type="checkbox"/> *Leaf blade: colour of veins on lower side	greenish	greenish
<input type="checkbox"/> *Leaf blade: development of lobes	very weak to weak	
<input type="checkbox"/> *Leaf blade: shape of sinus between lobes	rounded	rounded
<input type="checkbox"/> *Leaf blade: incision of margin	absent	absent
<input type="checkbox"/> *Petiole: length	short to medium	
<input type="checkbox"/> *Petiole: colour of upper side	greenish	greenish
<input type="checkbox"/> *Petiole: intensity of colour of upper side	very weak	
<input type="checkbox"/> *Petiole: colour of lower side	greenish	greenish
<input type="checkbox"/> *Petiole: intensity of colour of lower side	very weak to weak	
<input type="checkbox"/> *Bract: bicoloured bracts	present	present
<input type="checkbox"/> *Bracts: number of uniform coloured bracts	many	
<input type="checkbox"/> *Bracts: number of bicoloured bracts	medium to many	
<input type="checkbox"/> *Bracts: distance between the upper and lower bracts	short	
<input type="checkbox"/> *Bract: colour of upper side (RHS colour chart)	marble: light red-pink 36C+ red-pink 48C+ dark red-pink/red-pink 48A/B	marble: light red-pink 36C+, red-pink 48C, dark red-pink/red-pink 48A/B
<input type="checkbox"/> Bract: colour of margin compared to main part	similar	similar
<input type="checkbox"/> *Bract: colour of lower side (RHS colour chart)	marble: light red-pink 36C+, red-pink 49A	marble: light red-pink 36C+ red-pink 49A
<input type="checkbox"/> Bract: development of lobes	absent or very weak	absent or very weak
<input type="checkbox"/> Bract: incision of margin	absent	absent

<input type="checkbox"/>	Bract: curving	absent	absent
<input type="checkbox"/>	Bract: twisting	present	present
<input type="checkbox"/>	Bract: rugosity between veins	present	present
<input type="checkbox"/>	Bract: intensity of rugosity between veins	medium	
<input type="checkbox"/>	*Largest bract: length	short	
<input type="checkbox"/>	*Largest bract: width	narrow	
<input checked="" type="checkbox"/>	*Largest bract: shape of base	wedge-shaped	rounded
<input type="checkbox"/>	*Largest bract: shape	broad elliptical	broad elliptical
<input type="checkbox"/>	*Cyme: width	very broad	
<input type="checkbox"/>	*Cyathium: size of glands	medium	
<input type="checkbox"/>	*Cyathium: colour of glands	yellow	yellow
<input type="checkbox"/>	Cyathium: red colouration of margin of glands	present	present
<input type="checkbox"/>	Cyathium: intensity of colouration of margin of glands	weak	
<input type="checkbox"/>	Time of: opening of first three cyathia	medium	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Fismarble Silver’	‘Bright Marble Queen’
<input type="checkbox"/> Leaf blade: shape of base	rounded or wedge shaped	rounded or wedge shaped
<input checked="" type="checkbox"/> Leaf blade: intensity of colour of upper side	3 zones: 1: green (app 90%) RHS: 191A 2: green (app 5%) RHS: 191B/C 3: white (app 5%) RHS: 155D	3 zones: 1 green (app 90%) RHS: 189A 2 ; green (app 5%) RHS: 191A 3: yellow-green (app 5%) RHS: 1C
<input type="checkbox"/> Leaf blade: colour of upper side	variegated	variegated
<input type="checkbox"/> Leaf blade: colour of lower side	variegated	variegated

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2000	Surrendered	‘Fismarble Silver’
Switzerland	2000	Surrendered	‘Fismarble Silver’
Germany	2000	Withdrawn	‘Fismarble Silver’
Israel	2001	Applied	‘Fismarble Silver’
Japan	2001	Granted	‘Fismarble Silver’
South Korea	2002	Granted	‘Fismarble Silver’
Norway	2002	Applied	‘Fismarble Silver’
Poland	2001	Granted	‘Fismarble Silver’
EU	2000	Granted	‘Fismarble Silver’
USA	2001	Granted	‘Fismarble Silver’

First sold in EU in Feb 2004.

Description: **Tim Angus**, Wellington, New Zealand

Details of Application

Application Number	2005/186
Variety Name	'Almera'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	20 Jul 2005
Applicant	Agrico, Emmeloord, The Netherlands
Agent	Agrico Australia, Sydney, NSW
Qualified Person	James Hills

Details of Comparative Trial

Location	Moina, TAS.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Nov 2007 – Mar 2008.
Conditions	Grown on red ferrosol soils under solid set irrigation with standard pest and disease control and a planting fertiliser mix of NPK high analysis mix of 9:13:16 at 1500kg/Ha.
Trial Design	Randomised block with 3 replicates, 2 rows wide with 20 plants per replicate.
Measurements	Field data was collected on 26 Feb 2008 using UPOV descriptions. Lightsprout characteristics were assessed on 8 Oct 2008.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination. The seedling was selected from a cross between 'BM77-2102' pollinated by 'AR 80-031-20'. The seed parent is characterised by dark flesh colour and the pollen parent is characterised by white flower colour. The selection was clonally propagated at Svalof-Weibull B.V., Emmeloord, the Netherlands. The main selection criteria were agronomic characteristics. Breeder: Svalof-Weibull B.V. Emmeloord, The Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant PartContext		State of Expression in Group of Varieties
Lightsprout	shape	conical
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Lightsprout	habit of tip	closed
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or low
Tuber	colour of base of eye	yellow
Tuber	colour of flesh	light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Carrera'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Almera’	‘Carrera’
<input checked="" type="checkbox"/> Lightsprout: size	medium	large
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	medium to strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium to strong	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	very small to small	small
<input type="checkbox"/> Lightsprout: habit of tip	closed	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	weak
<input type="checkbox"/> Lightsprout: pubescence of tip	medium	medium to strong
<input checked="" type="checkbox"/> *Lightsprout: number of root tips	medium to many	few
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	weak
<input type="checkbox"/> Leaf: outline size	medium to large	medium to large
<input checked="" type="checkbox"/> Leaf: openness	open	closed to intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/> Leaflet: waviness of margin	weak	weak
<input type="checkbox"/> Leaflet: depth of veins	shallow	shallow
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull to medium	dull
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present
<input type="checkbox"/> Flower bud: anthocyanin colouration	medium	medium
<input type="checkbox"/> Plant: height	medium	medium
<input checked="" type="checkbox"/> *Plant: frequency of flowers	low	medium

<input type="checkbox"/>	Inflorescence: size	small	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	absent or very weak	very weak to weak
<input type="checkbox"/>	Flower corolla: size	medium to large	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	medium	weak to medium
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	large to very large	medium
<input checked="" type="checkbox"/>	*Plant: time of maturity	medium	early
<input type="checkbox"/>	*Tuber: shape	long-oval	oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow	shallow to medium
<input type="checkbox"/>	*Tuber: colour of skin	light beige	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	medium yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Brazil	1998	Granted	'Almera'
Canada	2005	Applied	'Almera'
Czech Republic	1999	Withdrawn	'Almera'
The Netherlands	1998	Granted	'Almera'
EU	2000	Granted	'Almera'
South Africa	2003	Granted	'Almera'

First sold in Israel in Dec 2001.

Description: **James Hills**, Agronico Pty Ltd, Leith, TAS.

Details of Application

Application Number	2004/110
Variety Name	'Bernadette'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	25 May 2004
Applicant	Saatzucht Fritz Lange KG, Bad Schwartu-Cleverhof, Germany
Agent	Graham Liney, Laggan, NSW
Qualified Person	James Hills

Details of Comparative Trial

Location	Moina, TAS.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Nov 2007 – Mar 2008.
Conditions	Grown in red ferrosol soils under solid set irrigation with standard pest and disease control and a planting fertiliser mix of NPK high analysis mix of 9:13:16 at 1500kg/Ha.
Trial Design	Randomised block with 3 replicates, 2 rows wide with 20 plants per replicate.
Measurements	Field data was collected on the 26th Feb 2008 using UPOV descriptions. Lightsprout characteristics were assessed on 8th Oct 2008.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination. The seedling was selected from a cross between seed parent '290-76' pollinated by 'Granola'. The seed parent is characterised by semi-erect growth habit and the pollen parent is characterised by red violet flower colour. The selection was clonally propagated in Bad Schwartau, Germany, with the main selection criteria used to develop this variety being tuber shape and cooking quality. Breeder: Dr Winfried Lange, Bad Schwartu-Cleverhof, Germany.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	shape	conical
Lightsprout	intensity of anthocyanin colouration	strong
Lightsprout	number of root tips	few to medium
Flower corolla	intensity of anthocyanin colouration on inner side	absent or very weak
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or low
Flower corolla	extent of anthocyanin colouration on inner side	absent or very small
Tuber	colour of base of eye	yellow
Tuber	colour of flesh	light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bintje'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Bernadette’	‘Bintje’
<input checked="" type="checkbox"/> Lightsprout: size	small to medium	medium to large
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	high
<input type="checkbox"/> *Lightsprout: pubescence of base	strong	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	medium
<input checked="" type="checkbox"/> Lightsprout: habit of tip	closed to intermediate	intermediate to open
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	medium to strong
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	medium to strong
<input type="checkbox"/> *Lightsprout: number of root tips	few to medium	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	short
<input type="checkbox"/> Plant: foliage structure	stem type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	weak to medium
<input type="checkbox"/> Leaf: outline size	medium to large	medium
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium to strong
<input type="checkbox"/> Leaf: green colour	light to medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium to broad
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/> Leaflet: waviness of margin	weak	very weak to weak
<input type="checkbox"/> Leaflet: depth of veins	shallow to medium	shallow
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull	dull
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present
<input type="checkbox"/> Flower bud: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> *Plant: frequency of flowers	low	low to medium

<input type="checkbox"/>	Inflorescence: size	small	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak	absent or very weak
<input type="checkbox"/>	Flower corolla: size	medium	medium to large
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	absent or very small
<input type="checkbox"/>	*Plant: time of maturity	late	medium to late
<input type="checkbox"/>	*Tuber: shape	oval	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow	shallow to medium
<input type="checkbox"/>	*Tuber: colour of skin	light beige	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	1999	Granted	'Bernadette'
Russia	2002	Granted	'Bernadette'

Prior sale nil.

Description: **James Hills**, Agronico Pty Ltd, Leith, TAS.

Details of Application

Application Number	2003/023
Variety Name	'Amorosa'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	24 Mar 2003
Applicant	Agrico, Emmeloord, The Netherlands
Agent	Agrico Australia, Sydney, NSW
Qualified Person	James Hills

Details of Comparative Trial

Location	Moina, TAS.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Nov 2007 – Mar 2008.
Conditions	Grown on red ferrosol soils under solid set irrigation with standard pest and disease control and a planting fertiliser mix of NPK high analysis mix of 9:13:16 at 1500kg/Ha.
Trial Design	Randomised block with 3 replicates, 2 rows wide with 20 plants per replicate.
Measurements	Field data was collected on the 26th Feb 2008 using UPOV descriptions. Lightsprout characteristics were assessed on 8th Oct 2008.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination. The seedling was selected from a cross between seed parent 'Arinda' pollinated by 'Impala' in 1986. The seed parent is characterised by yellow skinned tuber and the pollen parent is also characterised by yellow skinned tuber. The selection was clonally propagated at Agrico Research in Emmeloord, Holland, with the main selection criteria being general morphological characteristics for an early red skinned variety. Breeder: Agrico Research, Emmeloord, The Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	shape	conical
Lightsprout	intensity of anthocyanin colouration	strong
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or low
Tuber	colour of skin	red
Tuber	colour of base of eye	white
Tuber	colour of flesh	cream

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kuroda'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Amorosa’	‘Kuroda’
<input checked="" type="checkbox"/> Lightsprout: size	large	small to medium
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	strong	weak to medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium to large	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	weak
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	strong	weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	strong	medium to strong
<input type="checkbox"/> Leaf: outline size	medium to large	medium
<input type="checkbox"/> Leaf: openness	open	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium to strong
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	narrow to medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/> Leaflet: waviness of margin	weak	weak
<input type="checkbox"/> Leaflet: depth of veins	shallow to medium	shallow to medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull to medium	dull
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present
<input type="checkbox"/> Flower bud: anthocyanin colouration	medium	medium
<input type="checkbox"/> Plant: height	medium to tall	medium to tall
<input type="checkbox"/> *Plant: frequency of flowers	low to medium	low

<input type="checkbox"/>	Inflorescence: size	small to medium	small to medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak to medium	weak to medium
<input type="checkbox"/>	Flower corolla: size	medium to large	medium
<input checked="" type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	very weak to weak	strong
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input checked="" type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	large
<input type="checkbox"/>	*Plant: time of maturity	early to medium	medium
<input type="checkbox"/>	*Tuber: shape	oval	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	medium	medium
<input type="checkbox"/>	*Tuber: colour of skin	red	red
<input type="checkbox"/>	*Tuber: colour of base of eye	white	white
<input type="checkbox"/>	*Tuber: colour of flesh	cream	cream

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Brazil	1998	Granted	'Amorosa'
Chile	2005	Applied	'Amorosa'
Czech Republic	1999	Withdrawn	'Amorosa'
The Netherlands	1997	Surrendered	'Amorosa'
EU	1999	Granted	'Amorosa'
Slovak Republic	2001	Applied	'Amorosa'
South Africa	2003	Granted	'Amorosa'

First sold in Spain and Portugal in Feb 1999.

Description: **James Hills**, Agronico Pty Ltd, Leith, TAS.

Details of Application

Application Number	2003/041
Variety Name	'Mai Flower'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	7 Jul 2003
Applicant	Dr. R.J. Mansholt's Veredelingsbedrijf, Ulrum, The Netherlands
Agent	Agrico Australia, Sydney, NSW
Qualified Person	James Hills

Details of Comparative Trial

Location	Moina, TAS.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Nov 2007 – Mar 2008.
Conditions	Grown in red ferrosol soils under solid set irrigation with standard pest and disease control and a planting fertiliser mix of NPK high analysis mix of 9:13:16 at 1500kg/Ha.
Trial Design	Randomised block with 3 replicates, 2 rows wide with 20 plants per replicate.
Measurements	Field data was collected on the 26th February 2008 using UPOV descriptions. Lightsprout characteristics were assessed on 8th Oct 2008.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination. The seedling was selected from a cross between seed parent 'Fianna' pollinated by 'Agria' conducted in 1984 at Agrico Research in Holland. The seed parent is characterised by white flesh colour and the pollen parent is characterised by yellow flesh colour. The selection was clonally propagated at Mansholt breeding station in Vierhuizen. Selection was on agronomic characteristics. Breeder: Dr R.J. Mansholt's Veredelingsbedrijf, Ulrum, The Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	pubescence of base	medium to strong
Lightsprout	intensity of anthocyanin colouration	strong /medium
Lightsprout	length of lateral shoots	short to medium
Flower corolla	intensity of anthocyanin colouration on inner side	absent or very weak
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or low
Flower corolla	extent of anthocyanin colouration on inner side	absent or very small
Tuber	shape	oval
Tuber	colour of skin	yellow
Tuber	colour of base of eye	yellow
Tuber	colour of flesh	medium yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Victoria'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Mai Flower'	'Victoria'
<input checked="" type="checkbox"/> Lightsprout: size	medium to large	small to medium
<input type="checkbox"/> *Lightsprout: shape	conical	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	medium to strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium to strong	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium to large	small to medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	closed
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	strong to very strong	medium
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	medium
<input type="checkbox"/> *Lightsprout: number of root tips	few to medium	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short to medium	short to medium
<input type="checkbox"/> Plant: foliage structure	stem type	stem type
<input type="checkbox"/> *Plant: growth habit	upright	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	medium	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium to large	large
<input type="checkbox"/> Leaf: openness	intermediate	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	strong	strong
<input type="checkbox"/> Leaf: green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium to large
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/> Leaflet: waviness of margin	weak	weak
<input type="checkbox"/> Leaflet: depth of veins	shallow	shallow
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull	dull
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present

<input type="checkbox"/>	Flower bud: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/>	Plant: height	tall	medium
<input type="checkbox"/>	*Plant: frequency of flowers	high	medium
<input type="checkbox"/>	Inflorescence: size	medium	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak to medium	very weak to weak
<input type="checkbox"/>	Flower corolla: size	medium	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	absent or very small
<input checked="" type="checkbox"/>	*Plant: time of maturity	late	early to medium
<input type="checkbox"/>	*Tuber: shape	oval	oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	shallow
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	medium yellow	medium yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Brazil	1998	Granted	'Markies'
Canada	2000	Applied	'Markies'
Chile	2005	Granted	'Markies'
Czech Republic	1997	Surrendered	'Markies'
New Zealand	2001	Applied	'Markies'
EU	1997	Granted	'Markies'
SL	2001	Rejected	'Markies'
SK	2001	Withdrawn	'Markies'
USA	2001	Granted	'Markies'
South Africa	2001	Granted	'Markies'

First sold in The Netherlands in Mar 1999.

Description: **James Hills**, Agronico Pty Ltd, Leith, TAS.

Details of Application

Application Number	2003/042
Variety Name	'Cunera'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	7 Jul 2003
Applicant	Mts. Boerhave, Dronten, The Netherlands
Agent	Agrico Australia
Qualified Person	James Hills

Details of Comparative Trial

Location	Moina, TAS.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Nov 2007 – Mar 2008.
Conditions	Grown on red ferrosol soils under solid set irrigation with standard pest and disease control and a planting fertiliser mix of NPK high analysis mix of 9:13:16 at 1500kg/Ha.
Trial Design	Randomised block with 3 replicates, 2 rows wide with 20 plants per replicate.
Measurements	Field data was collected on the 26th Feb 2008 using UPOV descriptions. Lightsprout characteristics were assessed on 8th Oct 2008.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination. The seedling was selected from a cross between seed parent 'GE77-0154' pollinated by 'WY72-22-496' in 1985. The parents are breeding lines. The selection was clonally propagated at Oudebosweg 24, Dronten, Holland. The main selection criteria to develop this variety was skin finish. Breeder: Mrs Boerhave, Dronten, Holland.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	shape	conical
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Lightsprout	habit of tip	closed to intermediate
Flower corolla	intensity of anthocyanin colouration on inner side	absent or very weak
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or low
Tuber	shape	oval
Tuber	colour of skin	light beige
Tuber	colour of base of eye	yellow
Tuber	colour of flesh	light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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‘Remarka’

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Cunera’	‘Remarka’
<input type="checkbox"/> Lightsprout: size	medium to large	medium
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	weak to medium
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	weak to medium	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	small
<input type="checkbox"/> Lightsprout: habit of tip	closed to intermediate	closed to intermediate
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	very weak to weak
<input type="checkbox"/> Lightsprout: pubescence of tip	medium	medium
<input type="checkbox"/> *Lightsprout: number of root tips	medium to many	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	very weak to weak
<input type="checkbox"/> Leaf: outline size	medium to large	large
<input type="checkbox"/> Leaf: openness	intermediate	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	weak
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/> Leaflet: waviness of margin	medium	weak
<input type="checkbox"/> Leaflet: depth of veins	shallow	shallow to medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull to medium	dull

<input type="checkbox"/>	Leaflet: pubescence of blade at apical rosette	present	present
<input type="checkbox"/>	Flower bud: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/>	Plant: height	medium to tall	medium to tall
<input type="checkbox"/>	*Plant: frequency of flowers	medium	medium
<input type="checkbox"/>	Inflorescence: size	medium	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	very weak to weak	absent or very weak
<input type="checkbox"/>	Flower corolla: size	medium to large	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	absent or very small
<input type="checkbox"/>	*Plant: time of maturity	medium	medium
<input type="checkbox"/>	*Tuber: shape	oval	oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	shallow
<input type="checkbox"/>	*Tuber: colour of skin	light beige	light beige
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
UK	2001	Surrendered	'Cunera'
The Netherlands	1997	Granted	'Cunera'

First sold in UK in Mar 1999.

Description: **James Hills**, Agronico Pty Ltd, Leith, TAS.

Details of Application

Application Number	2007/281
Variety Name	'Romeo'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	10 Dec 2007
Applicant	Irish Potato Marketing Ltd, Co. Dublin, Ireland
Agent	Bright Harvest, Virginia, SA
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie, SA.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Apr to Aug 2008.
Conditions	Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 1 Apr 2008. Pots placed on benches in a screened polythene clad greenhouse. None of the varieties in trial produced flowers due to daylength conditions.
Trial Design	Randomised complete block design. Three replicates of 40 plants per variety.
Measurements	Observations and measurements taken on 28 May 2008. Measurements taken of plant height, length of longest leaf, terminal leaflet length and width. Flower characteristics were compared using published UPOV information. Tuber characteristics were recorded in Aug 2008.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: maternal parent 'Rooster' and paternal parent 'Ambo' were manually crossed in 1996 at Oak Park Research Centre, Carlow, Ireland. True seed was used to raise individual tubers of the resultant genetically different progeny. Seedling T2637-12 selected after 12 years of clonal trials in the UK and Spain. Selection was based upon earliness, skin finish quality, disease resistance, yield and taste. The variety 'Romeo' was released in 2007. Breeder: Teagasc Oak Park Research Centre, Carlow, Ireland.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or low
Tuber	colour of skin	red
Tuber	colour of flesh	cream or light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Desiree'	
'Red Rascal'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Red Rascal'	Lightsprout shape	narrow cylindrical	spherical to ovoid

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Romeo'	'Desiree'
<input type="checkbox"/> Lightsprout: size	medium to large	large
<input type="checkbox"/> *Lightsprout: shape	narrow cylindrical	narrow cylindrical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	medium
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	weak	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	small
<input checked="" type="checkbox"/> Lightsprout: habit of tip	intermediate	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	very weak to weak
<input type="checkbox"/> Lightsprout: pubescence of tip	weak	absent or very weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	very strong	weak to medium
<input type="checkbox"/> Leaf: outline size	medium	small to medium
<input type="checkbox"/> Leaf: openness	intermediate	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	weak	weak
<input type="checkbox"/> Leaf: green colour	medium to dark	medium
<input checked="" type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	very strong	weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium to broad	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	weak	absent or very

<input type="checkbox"/>	Leaflet: depth of veins	shallow	shallow
<input checked="" type="checkbox"/>	Leaflet: glossiness of the upperside	dull	medium
<input type="checkbox"/>	Flower bud: anthocyanin colouration	very strong	weak
<input checked="" type="checkbox"/>	Plant: height	very tall	medium
<input type="checkbox"/>	*Plant: frequency of flowers	high	medium to high
<input type="checkbox"/>	Inflorescence: size	small	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	very strong	medium
<input type="checkbox"/>	Flower corolla: size	small to medium	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	weak	medium
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	medium	medium
<input type="checkbox"/>	*Plant: time of maturity	medium to late	medium
<input checked="" type="checkbox"/>	*Tuber: shape	oval	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	shallow to medium
<input type="checkbox"/>	*Tuber: colour of skin	red	red
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	cream	light yellow

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Romeo'	'Desiree'
<input type="checkbox"/> Stem: thickness	medium	medium
<input checked="" type="checkbox"/> Flower: size white tips	large	medium

Statistical Table

Organ/Plant Part: Context	'Romeo'	'Desiree'
<input type="checkbox"/> Plant: height (mm)		
Mean	545.33	438.44
Std. Deviation	56.07	31.62
LSD/sig	62.87	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	178.11	164.00
Std. Deviation	19.75	26.58
LSD/sig	6.77	P≤0.01
<input type="checkbox"/> Terminal leaflet: length (mm)		
Mean	85.67	86.00

Std. Deviation	10.42	12.28
LSD/sig	6.75	ns
<input type="checkbox"/> Terminal leaflet: width (mm)		
Mean	60.00	60.22
Std. Deviation	6.57	12.29
LSD/sig	9.97	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Ireland	2007	Granted	'Romeo'

Prior sale nil.

Description: **John Fennell**, Blakiston, SA.

Details of Application

Application Number	2008/134
Variety Name	'Cashmere'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	3 Jul 2008
Applicant	Irish Potato Breeders, Co. Dublin, Ireland
Agent	Mitolo Group, Virginia, SA
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie, SA.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6
Period	Apr to Aug 2008.
Conditions	Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 1 Apr 2008. Pots placed on benches in a screened polythene clad greenhouse. None of the varieties in trial produced flowers due to daylength conditions.
Trial Design	Randomised complete block design. Three replicates of 40 plants per variety.
Measurements	Observations and measurements taken on 28 May 2008. Measurements taken of plant height, length of longest leaf, terminal leaflet length and width. Flower characteristics were compared using published UPOV information. Tuber characteristics were recorded in Aug 2008.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: Flower of maternal parent 'Maris Piper' emasculated and pollinated by pollen transferred from male parent DHS 70 1034 9. Berries harvested and seed extracted. Seeds grown under protected conditions and one minituber harvested from each plant (= genotype). Minitubers planted in a field trial representing several thousands of unique genotypes. Tubers harvested from selected genotypes (by eye selection for tuber size, shape, maturity time and disease freedom. Tubers planted of selected genotypes for more intensive selection. Replicated and multi-site evaluation and selection trials conducted in the United Kingdom in subsequent years culminating in the selection of this individual variety, Seedling AV1, for commercial release. Breeder: John Cockram, Malahide, Country Dublin, Ireland.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Tuber	shape	short oval/oval
Tuber	colour of skin	yellow
Flower	colour	red-violet

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Atlantic'	
'Chellah'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Cashmere'	'Atlantic'	'Chellah'
<input type="checkbox"/> Lightsprout: size	small	medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	conical	broad cylindrical	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	weak to medium	strong	weak
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	medium	medium	strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	medium	medium
<input checked="" type="checkbox"/> Lightsprout: habit of tip	closed	intermediate	open
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	weak	weak
<input type="checkbox"/> Lightsprout: pubescence of tip	weak	medium	weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short	short
<input type="checkbox"/> Plant: foliage structure	stem type	stem type	stem type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright to spreading	upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	absent or very weak	medium to strong
<input type="checkbox"/> Leaf: outline size	medium	medium	medium
<input type="checkbox"/> Leaf: openness	intermediate	intermediate to open	closed to intermediate
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	strong	absent or very weak	weak
<input type="checkbox"/> Leaf: green colour	light to medium	light	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak	medium to strong
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow	medium	narrow
<input type="checkbox"/> Terminal and lateral leaflets: frequency	low	low	medium to high

of coalescence				
<input type="checkbox"/>	Leaflet: waviness of margin	weak	absent or very weak	medium
<input type="checkbox"/>	Leaflet: depth of veins	deep	shallow	deep
<input type="checkbox"/>	Leaflet: glossiness of the upperside	dull	dull	dull
<input type="checkbox"/>	Flower bud: anthocyanin colouration	weak	weak	medium
<input type="checkbox"/>	Plant: height	medium to tall	short to medium	medium
<input type="checkbox"/>	*Plant: frequency of flowers	low to medium	medium	medium to high
<input type="checkbox"/>	Inflorescence: size	small to medium	medium	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	medium	weak	weak to medium
<input type="checkbox"/>	Flower corolla: size	medium	medium	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	weak	weak	medium
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	medium	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	medium	small to medium	medium
<input checked="" type="checkbox"/>	*Plant: time of maturity	early	medium	late
<input type="checkbox"/>	*Tuber: shape	short-oval	short-oval	oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow	medium	shallow to medium
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow	yellow
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	white	cream	cream
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Cashmere’	‘Atlantic’	‘Chellah’
<input checked="" type="checkbox"/> Flower: size white tips	large	small	medium
<input type="checkbox"/> Stem: thickness	thin	medium	medium

Statistical Table

Organ/Plant Part: Context	‘Cashmere’	‘Atlantic’	‘Chellah’
<input type="checkbox"/> Plant: height (mm)			
Mean	278.44	183.11	186.11
Std. Deviation	49.31	31.75	32.80
LSD/sig	38.43	P≤0.01	P≤0.01

<input type="checkbox"/>	Leaf: length (mm)			
	Mean	152.78	143.89	168.11
	Std. Deviation	19.26	19.36	18.44
	LSD/sig	33.15	ns	ns
<input checked="" type="checkbox"/>	Terminal leaflet: length (mm)			
	Mean	98.00	82.67	99.00
	Std. Deviation	27.73	106.36	75.68
	LSD/sig	11.94	P≤0.01	ns
<input checked="" type="checkbox"/>	Terminal leaflet: width (mm)			
	Mean	64.67	48.44	62.22
	Std. Deviation	7.72	8.84	5.49
	LSD/sig	6.18	P≤0.01	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2001	Granted	'Avalanche'
Denmark	1990	Surrendered	'Avalanche'
UK	1989	Granted	'Avalanche'
Ireland	1990	Granted	'Avalanche'
USA	1999	Granted	'Avalanche'
South Africa	1998	Granted	'Avalanche'

No prior sales.

Description: **John Fennell**, Blakiston, SA.

Details of Application

Application Number	2007/198
Variety Name	'Emma'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	17 Aug 2007
Applicant	Irish Potato Marketing Ltd, Co. Dublin, Ireland
Agent	Bright Harvest, Virginia, SA
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie, SA.
Descriptor	TG/23/6.
Period	Apr to Aug 2008.
Conditions	Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 1 Apr 2008. Pots placed on benches in a screened polythene clad greenhouse. None of the varieties in trial produced flowers due to daylength conditions.
Trial Design	Randomised complete block design. Three replicates of 40 plants per variety.
Measurements	Observations and measurements taken on 28 May 2008. Measurements taken of plant height, length of longest leaf, terminal leaflet length and width. Flower characteristics were compared using published UPOV information. Tuber characteristics were recorded in Aug 2008.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: maternal parent 'Colleen' and paternal parent 'Estima' were manually crossed in 1989 at Oak Park research centre, Carlow, Ireland. True seed was used to raise individual tubers of the resultant genetically different progeny. Seedling T491/3 selected after 12 years of clonal trials in the UK and Spain. Selection was based upon earliness, skin finish quality, disease resistance, yield and taste. The variety 'Emma' was released in 2003. Breeder: Teagasc Oak Park Research Centre, Carlow, Ireland.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower corolla	intensity of anthocyanin colouration on inner side	absent or very weak
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or very small
Tuber	shape	short-oval/round
Tuber	colour of skin	yellow
Tuber	colour of flesh	cream or light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Savanna'	
'White Delight'	
'St Johns'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Emma'	'Savanna'	'St Johns'	'White Delight'
<input type="checkbox"/> Lightsprout: size	medium	large	medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	narrow cylindrical	ovoid	narrow cylindrical	spherical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	absent or very weak	medium	weak
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	strong	absent or very weak	very weak to weak	weak
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small	small	medium	small
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	intermediate	closed	closed
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	strong	weak	weak	weak
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	strong	weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium	few	few
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	medium	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright	semi-upright	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	strong	weak	absent or very weak	medium
<input type="checkbox"/> Leaf: outline size	medium	medium	medium to large	medium
<input type="checkbox"/> Leaf: openness	intermediate	intermediate to open	closed to intermediate	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	weak	weak	medium	weak
<input type="checkbox"/> Leaf: green colour	medium	light	light	medium to dark

<input type="checkbox"/>	Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Second pair of lateral leaflets: size	medium	medium to large	medium to large	small to medium
<input type="checkbox"/>	Second pair of lateral leaflets: width in relation to length	medium	medium to broad	medium to broad	narrow
<input checked="" type="checkbox"/>	Terminal and lateral leaflets: frequency of coalescence	medium	low	low	low
<input type="checkbox"/>	Leaflet: waviness of margin	medium	weak to medium	absent or very weak	weak
<input type="checkbox"/>	Leaflet: depth of veins	medium	shallow to medium	shallow	shallow
<input type="checkbox"/>	Leaflet: glossiness of the upperside	glossy	medium to glossy	medium to glossy	dull
<input type="checkbox"/>	Flower bud: anthocyanin colouration	absent or very weak	medium	absent or very weak	weak
<input checked="" type="checkbox"/>	Plant: height	medium to tall	tall to very tall	medium	short to medium
<input type="checkbox"/>	*Plant: frequency of flowers	absent or very low	absent or very low	medium to high	high
<input type="checkbox"/>	Inflorescence: size	small	small	small	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	absent or very weak	weak	absent or very weak	weak
<input type="checkbox"/>	Flower corolla: size	medium	small	small	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	absent or very small	absent or very small	absent or very small
<input type="checkbox"/>	*Plant: time of maturity	early	medium	early	late
<input type="checkbox"/>	*Tuber: shape	short-oval	short-oval	short-oval	round
<input type="checkbox"/>	Tuber: depth of eyes	shallow	very shallow	medium	medium
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow	white	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	cream	cream	cream

<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	weak to medium	medium	absent or very weak	absent or very weak
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Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Emma'	'Savanna'	'St Johns'	'White Delight'
<input checked="" type="checkbox"/> Stem: thickness	medium	thick	thick	medium

Statistical Table

Organ/Plant Part: Context	'Emma'	'Savanna'	'St Johns'	'White Delight'
<input checked="" type="checkbox"/> Leaf: length (mm)				
Mean	171.66	161.77	218.66	170.33
Std. Deviation	24.54	26.22	14.23	19.31
LSD/sig	16.46	ns	P≤0.01	ns
<input type="checkbox"/> Terminal leaflet: length (mm)				
Mean	86.78	91.66	111.77	94.66
Std. Deviation	12.12	8.79	6.40	8.07
LSD/sig	8.74	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Terminal leaflet: width (mm)				
Mean	66.00	60.88	70.77	51.33
Std. Deviation	8.96	5.76	5.63	4.93
LSD/sig	3.23	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: height (mm)				
Mean	339.78	378.00	293.78	238.67
Std. Deviation	55.29	60.63	51.31	34.61
LSD/sig	50.8	ns	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2007	Applied	'Emma'
Ireland	1999	Granted	'Emma'
New Zealand	2008	Applied	'Emma'
EU	2001	Granted	'Emma'
USA	2008	Applied	'Emma'
Sweden	1993	Terminated	'Emma'

First sold in the UK in Oct 2003.

Description: **John Fennell**, Blakiston, SA.

Details of Application

Application Number	2007/201
Variety Name	'Savanna'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	23 Aug 2007
Applicant	Irish Potato Marketing Ltd, Co. Dublin, Ireland
Agent	Bright Harvest, Virginia, SA
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie, SA.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Apr to Aug 2008.
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 1 Apr 2008. Pots placed on benches in a screened polythene clad greenhouse. None of the varieties in trial produced flowers due to daylength conditions.
Trial Design	Randomised complete block design. Three replicates of 40 plants per variety.
Measurements	Observations and measurements taken on 28 May 2008. Measurements taken of plant height, length of longest leaf, terminal leaflet length and width. Flower characteristics were compared using published UPOV information. Tuber characteristics were recorded in August 2008.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: maternal parent 'Famosa' and paternal parent 'Atlantic' were manually crossed in 1992 at Oak Park Research Centre, Carlow, Ireland. True seed was used to raise individual tubers of the resultant genetically different progeny. Seedling T1544/6 selected after 12 years of clonal trials in the UK and Spain. Selection was based upon earliness, skin finish quality, disease resistance, yield and taste. The variety 'Savanna' was released in 2006. Breeder: Teagasc Oak Park Research Centre, Carlow, Ireland.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower corolla	intensity of anthocyanin colouration on inner side	absent or very weak
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or very small
Tuber	shape	round or short-oval
Tuber	colour of skin	yellow
Tuber	colour of flesh	cream or light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Emma'	
'White Delight'	
'St Johns'	
'Atlantic'	parent

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Atlantic'	flower	colour	white	pink

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Savanna'	'Emma'	'St Johns'	'White Delight'
<input checked="" type="checkbox"/> Lightsprout: size	large	medium	medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	narrow cylindrical	narrow cylindrical	spherical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	absent or very weak	strong	medium	weak
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	high	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	very weak to weak	strong	very weak to weak	weak
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	small	small	medium	small
<input checked="" type="checkbox"/> Lightsprout: habit of tip	intermediate	intermediate	closed	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	strong	weak	weak
<input type="checkbox"/> Lightsprout: pubescence of tip	weak	strong	absent or very weak	absent or very weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium	few	few
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	medium	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	strong	absent or very weak	medium
<input type="checkbox"/> Leaf: outline size	medium	medium	medium to large	medium

<input type="checkbox"/>	Leaf: openness	intermediate to open	intermediate	closed to intermediate	open
<input type="checkbox"/>	Leaf: presence of secondary leaflets	weak	weak	medium	weak
<input checked="" type="checkbox"/>	Leaf: green colour	light	medium	light	medium to dark
<input type="checkbox"/>	Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Second pair of lateral leaflets: size	medium to large	medium	medium to large	small to medium
<input checked="" type="checkbox"/>	Second pair of lateral leaflets: width in relation to length	medium to broad	medium	medium to broad	narrow
<input type="checkbox"/>	Terminal and lateral leaflets: frequency of coalescence	low	medium	low	low
<input type="checkbox"/>	Leaflet: waviness of margin	weak to medium	medium	absent or very weak	weak
<input type="checkbox"/>	Leaflet: depth of veins	shallow to medium	medium	shallow to medium	shallow
<input type="checkbox"/>	Leaflet: glossiness of the upper side	medium to glossy	glossy	medium to glossy	dull
<input type="checkbox"/>	Flower bud: anthocyanin colouration	medium	absent or very weak	absent or very weak	weak
<input checked="" type="checkbox"/>	Plant: height	tall to very tall	medium to tall	medium	short to medium
<input type="checkbox"/>	*Plant: frequency of flowers	absent or very low	absent or very low	medium to high	high
<input type="checkbox"/>	Inflorescence: size	small	small	small	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak	absent or very weak	absent or very weak	weak
<input type="checkbox"/>	Flower corolla: size	small	medium	small	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	absent or very small	absent or very small	absent or very small
<input type="checkbox"/>	*Plant: time of maturity	medium	early	early	late
<input type="checkbox"/>	*Tuber: shape	short-oval	short-oval	short-oval	round

<input type="checkbox"/>	Tuber: depth of eyes	very shallow	shallow	medium	medium
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow	white	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	cream	light yellow	cream	cream
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	medium	weak to medium	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Savanna'	'Emma'	'St Johns'	'White Delight'
<input checked="" type="checkbox"/> Stem: thickness	thick	medium	thick	medium

Statistical Table

Organ/Plant Part: Context	'Savanna'	'Emma'	'St Johns'	'White Delight'
<input type="checkbox"/> Leaf: length (mm)				
Mean	161.77	171.66	218.66	170.33
Std. Deviation	26.22	24.54	14.23	19.31
LSD/sig	16.46	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Terminal leaflet: length (mm)				
Mean	91.66	86.78	111.77	94.66
Std. Deviation	8.79	12.12	6.40	8.07
LSD/sig	8.74	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Terminal leaflet: width (mm)				
Mean	60.88	66.00	70.77	51.33
Std. Deviation	5.76	8.96	5.63	4.93
LSD/sig	3.23	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: height (mm)				
Mean	378.00	339.78	293.78	238.67
Std. Deviation	60.63	55.29	51.31	34.61
LSD/sig	50.8	ns	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Ireland	2005	Granted	'Savanna'
The Netherlands	2006	Granted	'Sylvana'
EU	2006	Granted	'Savanna'

First sold in the UK in Oct 2006.

Description: **John Fennell**, Blakiston, SA.

Details of Application

Application Number	2008/135
Variety Name	'Chellah'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	13 Jun 2008
Applicant	Irish Potato Breeders, Co. Dublin, Ireland
Agent	Mitolo Group, Virginia, SA
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie, SA.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Apr to Aug 2008.
Conditions	Plantlets ex quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 1 Apr 2008. Pots placed on benches in a screened polythene clad greenhouse. None of the varieties in trial produced flowers due to daylength conditions.
Trial Design	Randomised complete block design. Three replicates of 40 plants per variety.
Measurements	Observations and measurements taken on 28 May 2008. Measurements taken of plant height, length of longest leaf, terminal leaflet length and width. Flower characteristics were compared using published UPOV information. Tuber characteristics were recorded in Aug 2008.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: Flower of maternal parent 'Ulster Concorde' emasculated and pollinated by pollen transferred from male parent DHS 70 116 37. Berries harvested and seed extracted. Seeds grown under protected conditions and one minituber harvested from each plant (= genotype). Minitubers planted in a field trial representing several thousands of unique genotypes. Tubers harvested from selected genotypes (by eye selection for tuber size, shape, maturity time and disease freedom. Tubers planted of selected genotypes for more intensive selection. Replicated and multi-site evaluation and selection trials conducted in the United Kingdom in subsequent years culminating in the selection of breeding line Ch1 for commercial release as 'Chellah'. Breeder: John Cockram, Malahide, Country Dublin, Ireland.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Tuber	shape	short oval/oval
Tuber	colour of skin	yellow
Flower	colour	red-violet

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cashmere'	
'Atlantic'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Atlantic'	Lightsprout shape	ovoid	broad cylindrical
'Atlantic'	Lightsprout intensity of anthocyanin colouration	weak	strong
'Atlantic'	Leaf green colour	medium	light

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Chellah'	'Cashmere'
<input checked="" type="checkbox"/> Lightsprout: size	medium	small
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	weak	weak to medium
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	strong	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	small to medium
<input checked="" type="checkbox"/> Lightsprout: habit of tip	open	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	weak
<input type="checkbox"/> Lightsprout: pubescence of tip	weak	weak
<input type="checkbox"/> *Lightsprout: number of root tips	few to medium	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	stem type	stem type
<input checked="" type="checkbox"/> *Plant: growth habit	upright	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	medium to strong	weak
<input type="checkbox"/> Leaf: outline size	medium	medium
<input type="checkbox"/> Leaf: openness	closed to intermediate	intermediate
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	weak	strong
<input type="checkbox"/> Leaf: green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	medium to strong	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow	narrow

<input type="checkbox"/>	Terminal and lateral leaflets: frequency of coalescence	medium to high	low
<input type="checkbox"/>	Leaflet: waviness of margin	medium	weak
<input type="checkbox"/>	Leaflet: depth of veins	deep	deep
<input type="checkbox"/>	Leaflet: glossiness of the upper side	dull	dull
<input checked="" type="checkbox"/>	Flower bud: anthocyanin colouration	medium	weak
<input checked="" type="checkbox"/>	Plant: height	medium	medium to tall
<input type="checkbox"/>	*Plant: frequency of flowers	medium to high	low to medium
<input type="checkbox"/>	Inflorescence: size	medium	small to medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak to medium	medium
<input type="checkbox"/>	Flower corolla: size	medium	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	medium	weak
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	medium	medium
<input checked="" type="checkbox"/>	*Plant: time of maturity	late	early
<input type="checkbox"/>	*Tuber: shape	oval	short-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	shallow
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	cream	white
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Chellah’	‘Cashmere’
<input checked="" type="checkbox"/> Flower: size white tips	medium	large
<input checked="" type="checkbox"/> Stem: thickness	medium	thin

Statistical Table

Organ/Plant Part: Context	‘Chellah’	‘Cashmere’
<input checked="" type="checkbox"/> Plant: height (mm)		
Mean	186.11	278.44
Std. Deviation	32.80	49.31
LSD/sig	38.43	P≤0.01
<input type="checkbox"/> Leaf: length (mm)		
Mean	168.11	152.78

Std. Deviation	18.44	19.26
LSD/sig	19.26	ns
<input type="checkbox"/> Terminal leaflet: length (mm)		
Mean	99.00	98.00
Std. Deviation	75.68	27.73
LSD/sig	27.73	ns
<input type="checkbox"/> Terminal leaflet: width (mm)		
Mean	62.22	64.67
Std. Deviation	5.49	7.72
LSD/sig	7.72	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
UK	1990	Granted	'Chellah'
South Africa	1998	Withdrawn	'Chellah'

No prior sales.

Description: **John Fennell**, Blakiston, SA.

Details of Application

Application Number	2008/133
Variety Name	'JMBICOLOUR'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	20 Jun 2008
Applicant	Irish Potato Breeders, Co. Dublin, Ireland
Agent	Mitolo Group, Virginia, SA
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie SA.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Apr to Aug 2008.
Conditions	Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 1 Apr 2008. Pots placed on benches in a screened polythene clad greenhouse. None of the varieties in trial produced flowers due to daylength conditions.
Trial Design	Randomised complete block design. Three replicates of 40 plants per variety.
Measurements	Observations and measurements taken on 28 May 2008. Measurements taken of plant height, length of longest leaf, terminal leaflet length and width. Flower characteristics were compared using published UPOV information. Tuber characteristics were recorded in Aug 2008.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: Flower of maternal parent 'Cara' emasculated and pollinated by pollen transferred from male parent DHS 70 727 4. Berries harvested and seed extracted. Seeds grown under protected conditions and one minituber harvested from each plant (= genotype). Minitubers planted in a field trial representing several thousands of unique genotypes. Tubers harvested from selected genotypes (by eye selection for tuber size, shape, maturity time and disease freedom. Tubers planted of selected genotypes for more intensive selection. Replicated and multi-site evaluation and selection trials conducted in the United Kingdom in subsequent years culminating in the selection of breeding line BO1 for commercial release as 'JMBicolour' in 2005. Breeder: John Mara, Malahide, County Dublin, Ireland.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or low
Tuber	skin colour	red parti-coloured
Tuber	colour of flesh	white
Tuber	shape	short oval

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Osprey'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'JMBICOLOUR'	'Osprey'
<input type="checkbox"/> Lightsprout: size	medium	medium to large
<input checked="" type="checkbox"/> *Lightsprout: shape	broad cylindrical	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium to strong	medium to strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	weak	weak to medium
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	medium	large
<input checked="" type="checkbox"/> Lightsprout: habit of tip	intermediate	open
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium to strong	weak to medium
<input type="checkbox"/> Lightsprout: pubescence of tip	medium	medium
<input type="checkbox"/> *Lightsprout: number of root tips	many	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	absent or very weak
<input checked="" type="checkbox"/> Leaf: outline size	medium	large
<input type="checkbox"/> Leaf: openness	intermediate	intermediate to open
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	medium	strong
<input type="checkbox"/> Leaf: green colour	light to medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	very weak to weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input checked="" type="checkbox"/> Second pair of lateral leaflets: width in relation to length	broad	narrow to medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	weak	absent or very weak
<input checked="" type="checkbox"/> Leaflet: depth of veins	medium	shallow
<input checked="" type="checkbox"/> Leaflet: glossiness of the upperside	medium	dull
<input type="checkbox"/> Flower bud: anthocyanin colouration	medium	weak to medium
<input type="checkbox"/> Plant: height	medium to tall	medium to tall

<input type="checkbox"/>	*Plant: frequency of flowers	low	low
<input type="checkbox"/>	Inflorescence: size	small	small
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	medium	medium
<input type="checkbox"/>	Flower corolla: size	small	small
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	medium
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	medium
<input type="checkbox"/>	*Plant: time of maturity	early to medium	early
<input type="checkbox"/>	*Tuber: shape	short-oval	short-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	shallow to medium
<input type="checkbox"/>	*Tuber: colour of skin	red parti-coloured	red parti-coloured
<input type="checkbox"/>	*Tuber: colour of base of eye	red	red
<input type="checkbox"/>	*Tuber: colour of flesh	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'JMBICOLOUR'	'Osprey'
<input checked="" type="checkbox"/> Flower: size white tips	small	large
<input checked="" type="checkbox"/> Stem: thickness	medium	thin

Statistical Table

Organ/Plant Part: Context	'JMBICOLOUR'	'Osprey'
<input type="checkbox"/> Plant: height (mm)		
Mean	348.44	342.22
Std. Deviation	74.80	71.79
LSD/sig	153.29	ns
<input type="checkbox"/> Leaf: length (mm)		
Mean	157.44	132.33
Std. Deviation	18.85	27.21
LSD/sig	55.97	ns
<input checked="" type="checkbox"/> Terminal leaflet: length (mm)		
Mean	82.67	57.44
Std. Deviation	7.88	8.50
LSD/sig	10.57	P≤0.01
<input checked="" type="checkbox"/> Terminal leaflet: width (mm)		
Mean	70.11	40.11
Std. Deviation	5.59	6.87
LSD/sig	3.19	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
UK	1999	Granted	'JMBICOLOUR'

No prior sales.

Description: **John Fennell**, Blakiston, SA.

Details of Application

Application Number	2000/341
Variety Name	'Jaqueline'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	19 Jun 2001
Applicant	Saatzucht Fritz Lange KG, Bad Schwartu-Cleverhof, Germany
Agent	Graham Liney, Laggan, NSW
Qualified Person	James Hills

Details of Comparative Trial

Location	Moina, TAS.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Nov 2007 - Mar 2008.
Conditions	Grown in red ferrosol soils under solid set irrigation with standard pest and disease control and a planting fertiliser mix of NPK high analysis mix of 9:13:16 at 1500kg/Ha.
Trial Design	Randomised block with 3 replicates, 2 rows wide with 20 plants per replicate.
Measurements	Field data was collected on the 26th Feb 2008 using UPOV descriptions. Lightsprout characteristics were assessed on the 6-8th Oct 2008.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination. The seedling was selected from a cross between seed parent 'Berber' pollinated by 'Wega'. The seed parent is characterised by oval shaped tuber and the pollen parent is characterised by low frequency of flowers. The selection was clonally propagated over 5 years in Bad Schwartau, Germany, with a particular emphasis on disease resistance and cooking quality. Breeder: Dr W. Lange, Bad Schwartu-Cleverhof, Germany.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	shape	conical
Lightsprout	intensity of anthocyanin colouration	strong /very strong
Lightsprout	number of root tips	few to medium
Flower corolla	intensity of anthocyanin colouration on inner side	absent or very weak
Flower corolla	proportion of blue in anthocyanin colouration on inner side	absent or low
Flower corolla	extent of anthocyanin colouration on inner side	absent or very small
Tuber	shape	long-oval
Tuber	colour of skin	yellow
Tuber	colour of base of eye	yellow
Tuber	colour of flesh	light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bintje'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Jaqueline’	‘Bintje’
<input checked="" type="checkbox"/> Lightsprout: size	small to medium	medium to large
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong to very strong	strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	medium	high
<input type="checkbox"/> *Lightsprout: pubescence of base	medium	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium to large	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	intermediate to open
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak to medium	medium to strong
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	medium to strong
<input type="checkbox"/> *Lightsprout: number of root tips	few to medium	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	weak to medium
<input type="checkbox"/> Leaf: outline size	medium	medium
<input type="checkbox"/> Leaf: openness	intermediate	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium to strong
<input type="checkbox"/> Leaf: green colour	medium to dark	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium to broad
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/> Leaflet: waviness of margin	very weak to weak	very weak to weak
<input type="checkbox"/> Leaflet: depth of veins	shallow	shallow
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	dull
<input type="checkbox"/> Leaflet: pubescence of blade at apical rosette	present	present
<input type="checkbox"/> Flower bud: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: height	medium	medium to tall

<input type="checkbox"/>	*Plant: frequency of flowers	low	low to medium
<input type="checkbox"/>	Inflorescence: size	medium	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	absent or very weak	absent or very weak
<input type="checkbox"/>	Flower corolla: size	small to medium	medium to large
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	absent or very small
<input type="checkbox"/>	*Plant: time of maturity	medium	medium to late
<input type="checkbox"/>	*Tuber: shape	long-oval	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	shallow to medium
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2000	Withdrawn	'Jaqueline'
Germany	1993	Granted	'Jaqueline'
EU	1996	Granted	'Jaqueline'

First sold in Germany in Mar 1997.

Description: **James Hills**, Agronico Pty Ltd, Leith, TAS.

Details of Application

Application Number	2007/158
Variety Name	'Purity'
Genus Species	<i>Ptilotus nobilis</i>
Common Name	Ptilotus
Synonym	Nil
Accepted Date	2 Aug 2007
Applicant	The University of Queensland, Brisbane, QLD
Agent	N/A
Qualified Person	Dion Harrison

Details of Comparative Trial

Location	Gatton, QLD, Australia.
Descriptor	Ptilotus (<i>Ptilotus</i>) PBR PTIL.
Period	Feb – Aug 2008.
Conditions	Plants were propagated by tissue culture. Plants were grown in 175mm pots in a soil-less medium under greenhouse conditions, fertilised with controlled release fertiliser and drip irrigated.
Trial Design	Randomised block design, 12 blocks with unequal replicates.
Measurements	Stem length: the longest flowering stem measured from the base of the plant to tip of inflorescence. Leaf descriptions: the fifth leaf below the inflorescence on the longest stem was used to evaluate the state of expression for all leaf attributes. Inflorescence descriptions: the states of expression for all inflorescence attributes were determined on the longest flowering stem. Inflorescence width was measured at the widest part of the inflorescence. Bract descriptions: the longest flowering stem was used to determine the state of bract expression. The most mature bracts that form an angle of less than 45 degrees with the central axis of the inflorescence were evaluated as these bracts were most visually prominent.
RHS Chart - edition	1966.

Origin and Breeding

A batch of 251 seeds collected from a population of *Ptilotus nobilis* initiated into tissue culture on 22 Mar 2004. 'Purity' was identified as vigorous in tissue culture on 6 May 2004. After being maintained in tissue culture for approximately 20 subcultures, plantlets were deflasked on 19 Apr 2005 and grown in the nursery. Evaluation of six mature specimens was conducted on 13 Jul 2006. 'Purity' was selected for good plant form (upright stems and multiple branching) and pure green-cream inflorescence colour. Breeders: Margaret Johnston, Melinda Perkins, Dion Harrison, Daryl Joyce.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Stem	presence of hairs	present
Leaf	type	simple
Leaf	attitude	horizontal
Leaf	arrangement	whorled
Leaf	petiole	absent
Leaf	shape	oblate
Leaf	shape of apex	apiculate
Leaf	shape of base	attenuate
Leaf	presence of variegation	absent
Bract	shape	acuminate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Poise'	<i>P. nobilis</i>
'Passion'	<i>P. nobilis</i>
'Musk Sticks'	<i>P. exaltatus</i>
Source population	<i>P. nobilis</i>

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Passion'	Inflorescence colour	green-cream	mid purple	'Passion' was excluded because it has a mid purple inflorescence colour
'Musk Sticks'	Inflorescence colour	green-cream	bright pink	'Musk Sticks' was excluded based on bright pink inflorescence colour

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Purity'	'Poise'	Source population
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial	herbaceous perennial
<input type="checkbox"/> Plant: growth habit	erect	erect	erect
<input type="checkbox"/> Plant: density	sparse to medium	sparse to medium	sparse to medium
<input type="checkbox"/> Plant: height	medium to tall	medium to tall	medium to tall
<input type="checkbox"/> Plant: time of beginning of flowering	medium	medium	medium
<input checked="" type="checkbox"/> Stem: intensity of basal branching	high	medium	variable; medium to high
<input type="checkbox"/> Stem: presence of hairs	present	present	present
<input type="checkbox"/> Stem: degree of hairiness	very low	very low	very low

<input type="checkbox"/>	Leaf: leaf type	simple	simple	simple
<input type="checkbox"/>	Leaf: attitude	horizontal	horizontal	horizontal
<input type="checkbox"/>	Leaf: arrangement	whorled	whorled	whorled
<input type="checkbox"/>	Leaf: length of blade	medium to long	medium to long	medium to long
<input checked="" type="checkbox"/>	Leaf: width of blade	narrow to medium	narrow	narrow to medium
<input type="checkbox"/>	Leaf: petiole	absent	absent	absent
<input type="checkbox"/>	Leaf: shape	oblate	oblate	oblate
<input type="checkbox"/>	Leaf: shape of apex	apiculate	apiculate	apiculate
<input type="checkbox"/>	Leaf: shape of base	attenuate	attenuate	attenuate
<input checked="" type="checkbox"/>	Leaf: undulation of the margin	weak	strong to very strong	variable; very weak to very strong
<input checked="" type="checkbox"/>	Leaf: colour of margin	yellow	red	variable; yellow, green or red
<input type="checkbox"/>	Leaf: shape of cross-section	flat	flat	flat
<input type="checkbox"/>	Leaf: curvature of longitudinal axis	recurved	recurved	recurved
<input type="checkbox"/>	Leaf: glossiness of upper side	medium to strong	medium	medium
<input checked="" type="checkbox"/>	Leaf: green colour	medium	dark	medium to dark
<input type="checkbox"/>	Leaf: presence of variegation	absent	absent	absent
<input checked="" type="checkbox"/>	Leaf: primary colour (RHS colour chart)	137B	147A	variable; 136S, 137A, 137B, 147A
<input type="checkbox"/>	Bract: shape	acuminate	acuminate	acuminate
<input type="checkbox"/>	Bract: width	medium	medium	medium
<input type="checkbox"/>	Bract: length	medium	medium	medium
<input checked="" type="checkbox"/>	Bract: primary colour (RHS colour chart)	199A	165C	Variable; 165C, 200D, 165A, 165D, 165B
<input type="checkbox"/>	Inflorescence: number of heads per primary branch	<2	<2	<2
<input type="checkbox"/>	Inflorescence: attitude	erect	erect	erect
<input checked="" type="checkbox"/>	Inflorescence: tepal tip colour (RHS colour chart)	2A	61C	Variable; 2A, 2B, 2C, 61B, 61C, 61D, 66A, 154B
<input checked="" type="checkbox"/>	Inflorescence: tepal blade colour (RHS colour chart)	2D	61C	Variable; 2B, 2C, 2D, 61C, 61B, 66B, 66D, 194C
<input type="checkbox"/>	Inflorescence: tepal blade venation colour (RHS colour chart)	202D	202D	202D
<input checked="" type="checkbox"/>	Inflorescence: overall	cream-green	cream tan/pink	variable; brownish cream-green to

inflorescence colouration				brownish pink
<input type="checkbox"/> Inflorescence: tip shape	cuspidate	cuspidate	cuspidate	cuspidate
<input type="checkbox"/> Inflorescence: shape	cylindrical to sub-conical	cylindrical to sub-conical	cylindrical to sub-conical	cylindrical to sub-conical

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Purity'	'Poise'	Source population
<input checked="" type="checkbox"/> Plant: lodging	medium	very weak to weak	variable; medium to very strong
<input checked="" type="checkbox"/> Stem: base betalain pigmentation	absent	present	present
<input checked="" type="checkbox"/> Stem: intensity of betalain pigmentation at base	absent or very weak	strong	variable; absent very strong
<input checked="" type="checkbox"/> Leaf: attitude of leaf apex	erect	horizontal	horizontal
<input checked="" type="checkbox"/> Leaf: curvature of cross section	strongly incurved	slightly incurved	slightly incurved

Statistical Table

Organ/Plant Part: Context	'Purity'	'Poise'	Source population
<input checked="" type="checkbox"/> Stem: length (cm)			
Mean	57.96	76.00	62.93
Std. Deviation	8.61	8.58	8.61
LSD/sig	8.33	P≤0.01	ns
<input checked="" type="checkbox"/> Inflorescence: width (mm)			
Mean	50.05	46.25	45.66
Std. Deviation	2.43	2.42	2.43
LSD/sig	2.35	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: number of primary branches			
Mean	15.89	11.42	12.59
Std. Deviation	3.25	3.24	3.25
LSD/sig	3.14	P≤0.01	P≤0.01

Prior Applications and Sales

Prior applications nil. First sold in Australia in Apr 2007.

Description: **Dion Harrison**, The University of Queensland, Gatton Campus, QLD

Details of Application

Application Number	2007/156
Variety Name	'Passion'
Genus Species	<i>Ptilotus nobilis</i>
Common Name	Ptilotus
Synonym	Nil
Accepted Date	9 Jul 2007
Applicant	The University of Queensland, Brisbane, QLD
Agent	N/A
Qualified Person	Dion Harrison

Details of Comparative Trial

Location	Gatton, QLD, Australia.
Descriptor	Ptilotus (<i>Ptilotus</i>) PBR PTIL.
Period	Feb – Aug 2008.
Conditions	Plants were propagated by tissue culture. Plants were grown in 175mm pots in a soil-less medium under greenhouse conditions, fertilised with controlled release fertiliser and drip irrigated.
Trial Design	Randomised block design, 12 blocks with unequal replicates.
Measurements	Stem length: the longest flowering stem measured from the base of the plant to tip of inflorescence. Leaf descriptions: the fifth leaf below the inflorescence on the longest stem was used to evaluate the state of expression for all leaf attributes. Inflorescence descriptions: the states of expression for all inflorescence attributes were determined on the longest flowering stem. Inflorescence width was measured at the widest part of the inflorescence. Bract descriptions: the longest flowering stem was used to determine the state of bract expression. The most mature bracts that form an angle of less than 45 degrees with the central axis of the inflorescence were evaluated as these bracts were most visually prominent.
RHS Chart - edition	1966.

Origin and Breeding

Seed was collected from a population of *Ptilotus nobilis* and initiated into tissue culture on 12 Jul 2005. Genotypes exhibiting vigorous growth and high multiplication rates were maintained in tissue culture. After approximately 10 subcultures, plantlets were deflasked on 25 Jan 2006 and grown on in the nursery. Evaluation of six mature specimens was conducted on 29 Mar 2006. The selection was identified as having the following unique characteristics: upright plant form, high basal branching, numerous inflorescences, acutely tapered inflorescence shape, and mid-purple inflorescence colour. Further evaluation in tissue culture found the genotype could be consistently multiplied at a faster rate than other genotypes. Breeders: Margaret Johnston, Melinda Perkins, Dion Harrison, Daryl Joyce.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/ Plant Part	Context	State of Expression in Group of Varieties
Stem	presence of hairs	present
Leaf	type	simple
Leaf	attitude	horizontal
Leaf	arrangement	whorled
Leaf	petiole	absent
Leaf	shape	oblate
Leaf	shape of apex	apiculate
Leaf	shape of base	attenuate
Leaf	presence of variegation	absent
Bract	shape	acuminate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Musk Sticks’	This is the most similar variety (<i>P. exaltatus</i>) of common knowledge available.
‘Poise’	<i>P. nobilis</i> .
‘Passion’ source population	Source population of <i>P. nobilis</i> cv. ‘Passion’.
‘Purity’	<i>P. nobilis</i> .

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Purity’	Inflorescence colour	mid purple	green-cream	Purity was excluded on the basis of having a green-cream inflorescence colour

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Passion’	‘Musk Sticks’	‘Passion Source Population’	‘Poise’
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial	herbaceous perennial	herbaceous perennial
<input checked="" type="checkbox"/> Plant: growth habit	erect	spreading	erect	erect
<input checked="" type="checkbox"/> Plant: density	sparse to medium	very sparse to sparse	sparse to medium	sparse to medium
<input type="checkbox"/> Plant: height	medium	short to medium	medium to tall	medium to tall
<input type="checkbox"/> Plant: time of beginning of flowering	medium	medium to late	medium	medium
<input checked="" type="checkbox"/> Stem: intensity of basal branching	very high	high	high	medium
<input type="checkbox"/> Stem: presence of hairs	present	present	present	present

<input type="checkbox"/>	Stem: degree of hairiness	very low	very low	very low	very low
<input type="checkbox"/>	Leaf: type	simple	simple	simple	simple
<input type="checkbox"/>	Leaf: attitude	horizontal	horizontal	horizontal	horizontal
<input type="checkbox"/>	Leaf: arrangement	whorled	whorled	whorled	whorled
<input checked="" type="checkbox"/>	Leaf: length of blade	short	medium	medium to long	medium to long
<input checked="" type="checkbox"/>	Leaf: width of blade	narrow	medium to broad	narrow to medium	narrow
<input type="checkbox"/>	Leaf: petiole	absent	absent	absent	absent
<input type="checkbox"/>	Leaf: shape	oblate	oblate	oblate	oblate
<input type="checkbox"/>	Leaf: shape of apex	apiculate	apiculate	apiculate	apiculate
<input type="checkbox"/>	Leaf: shape of base	attenuate	attenuate	attenuate	attenuate
<input checked="" type="checkbox"/>	Leaf: undulation of the margin	absent or very weak	medium to strong	weak to medium	strong to very strong
<input checked="" type="checkbox"/>	Leaf: colour of margin	yellow	yellow	yellow	red
<input type="checkbox"/>	Leaf: shape of cross-section	flat	flat	flat	flat
<input checked="" type="checkbox"/>	Leaf: curvature of longitudinal axis	incurved	recurved	recurved	recurved
<input checked="" type="checkbox"/>	Leaf: glossiness of upper side	very weak to weak	weak	medium	medium
<input checked="" type="checkbox"/>	Leaf: green colour	light to medium	light	medium to dark	dark
<input type="checkbox"/>	Leaf: presence of variegation	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Leaf: primary colour (RHS colour chart)	138A	146B	variable: 137A, 137B, 138A, 139A, 147A	147A
<input type="checkbox"/>	Bract: shape	acuminate	acuminate	acuminate	acuminate
<input checked="" type="checkbox"/>	Bract: width	medium	narrow	medium	medium
<input checked="" type="checkbox"/>	Bract: length	medium	short	medium	medium
<input checked="" type="checkbox"/>	Bract: primary colour (RHS colour chart)	200C	200A	variable: 200A, 200B, 200C, 200D, 165A	165C
<input checked="" type="checkbox"/>	Inflorescence: number of heads per primary branch	<2	up to 4	<2	<2
<input type="checkbox"/>	Inflorescence: attitude	erect	erect	erect	erect
<input checked="" type="checkbox"/>	Inflorescence: tepal tip colour (RHS colour chart)	74A	66A	variable 66A, 74A	61C

<input checked="" type="checkbox"/>	Inflorescence: tepal blade colour (RHS colour chart)	74C	66B	variable 66B, 74B	61C
<input type="checkbox"/>	Inflorescence: tepal blade venation colour (RHS colour chart)	202D	202D	202D	202D
<input checked="" type="checkbox"/>	Inflorescence: overall inflorescence colouration	mid purple	bright pink	variable, light to dark purple	cream tan/pink
<input checked="" type="checkbox"/>	Inflorescence: diameter	medium	small	medium to large	medium
<input type="checkbox"/>	Inflorescence: tip shape	acute	acute	variable, cuspidate to acute	cuspidate
<input checked="" type="checkbox"/>	Inflorescence: shape	cylindrical to conical	cylindrical to conical	cylindrical to conical	cylindrical to sub-conical

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Passion'	'Musk Sticks'	'Passion Source Population'	'Poise'
<input checked="" type="checkbox"/> Plant: lodging	absent or very weak	strong to very strong	variable, absent or very weak to very strong	very weak to weak
<input checked="" type="checkbox"/> Stem: base betalain pigmentation	present	absent	present	present
<input checked="" type="checkbox"/> Stem: intensity of betalain pigmentation at base	strong	absent or very weak	variable; absent or very weak to strong	strong
<input checked="" type="checkbox"/> Leaf: attitude of leaf apex	horizontal	drooping	variable; erect to drooping	horizontal
<input checked="" type="checkbox"/> Leaf : curvature of cross section	flat	strongly incurved	slightly incurved	slightly incurved

Statistical Table

Organ/Plant Part: Context	'Passion'	'Musk Sticks'	'Passion Source Population'	'Poise'
<input type="checkbox"/> Stem: length (cm)				
Mean	70.34	78.08	76.10	76.00
Std. Deviation	6.60	9.33	9.55	9.33
LSD/sig	12.75	ns	ns	ns
<input checked="" type="checkbox"/> Inflorescence: number of primary branches				
Mean	16.71	9.50	12.55	11.42
Std. Deviation	2.74	3.88	3.97	3.88
LSD/sig	5.30	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Inflorescence: width				
Mean	47.48	36.33	49.92	46.25
Std. Deviation	1.04	1.47	1.51	1.47
LSD/sig	2.01	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Prior applications nil. First sold in Australia in Mar 2007.

Description: **Dion Harrison**, The University of Queensland, Gatton Campus, QLD

Details of Application

Application Number	2007/157
Variety Name	'Poise'
Genus Species	<i>Ptilotus nobilis</i>
Common Name	Ptilotus
Synonym	Nil
Accepted Date	2 Aug 2007
Applicant	The University of Queensland, Brisbane, QLD
Agent	N/A
Qualified Person	Dion Harrison

Details of Comparative Trial

Location	Gatton, QLD, Australia.
Descriptor	Ptilotus (<i>Ptilotus</i>) PBR PTIL.
Period	Feb – Aug 2008.
Conditions	Plants were propagated by tissue culture. Plants were grown in 175mm pots in a soil-less medium under greenhouse conditions, fertilised with controlled release fertiliser and drip irrigated.
Trial Design	Randomised block design, 12 blocks with unequal replicates.
Measurements	Stem length: the longest flowering stem measured from the base of the plant to tip of inflorescence. Leaf descriptions: the fifth leaf below the inflorescence on the longest stem was used to evaluate the state of expression for all leaf attributes. Inflorescence descriptions: the states of expression for all inflorescence attributes were determined on the longest flowering stem. Inflorescence width was measured at the widest part of the inflorescence. Bract descriptions: the longest flowering stem was used to determine the state of bract expression. The most mature bracts that form an angle of less than 45 degrees with the central axis of the inflorescence were evaluated as these bracts were most visually prominent.

RHS Chart - edition 1966.

Origin and Breeding

Seed was derived from controlled pollination between cream-pink flowering genotypes obtained from a population of *Ptilotus nobilis* with brownish cream to brownish pink coloured inflorescences. The seed was initiated into tissue culture on 9 Nov 2004. Resulting seedlings were transferred to multiplication medium on 29 Nov 2004. Genotypes exhibiting vigorous growth and high multiplication rates were maintained in tissue culture. After approximately 10 subcultures, plantlets were deflasked on 4 May 2005 and grown in the nursery. Evaluation of mature specimens was conducted on 13 Jul 2005. Poise was selected on the basis of a unique and attractive two-toned inflorescence colour (cream to tan/pink) and upright plant form. Breeders: Margaret Johnston, Melinda Perkins, Dion Harrison, Daryl Joyce.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Stem	presence of hairs	present
Leaf	type	simple
Leaf	attitude	horizontal
Leaf	arrangement	whorled
Leaf	petiole	absent
Leaf	shape	oblate
Leaf	shape of apex	apiculate
Leaf	shape of base	attenuate
Leaf	presence of variegation	absent
Bract	shape	acuminate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Purity'	This is the most similar variety (<i>P. nobilis</i>) of common knowledge.
Source Population	Source population of <i>P. nobilis</i> cv. 'Poise'.
'Passion'	<i>P. nobilis</i>
'Musk Sticks'	This is a <i>P. exaltatus</i> cultivar similar to <i>P. nobilis</i> and is most readily available.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Passion'	Inflorescence overall inflorescence colouration	cream to tan/pink	mid purple	'Passion' was excluded on the basis of having a mid-purple inflorescence colour.
'Musk Sticks'	Inflorescence overall inflorescence colouration	cream to tan/pink	bright pink	'Musk Sticks' was excluded on the basis of having a bright pink inflorescence colour.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Poise'	'Purity'	Source Population
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial	herbaceous perennial
<input type="checkbox"/> Plant: growth habit	erect	erect	erect
<input type="checkbox"/> Plant: density	sparse to medium	sparse to medium	sparse to medium
<input type="checkbox"/> Plant: height	medium to tall	medium to tall	medium to tall
<input type="checkbox"/> Plant: time of beginning of flowering	medium	medium	medium

<input checked="" type="checkbox"/>	Stem: intensity of basal branching	medium	high	medium to high
<input type="checkbox"/>	Stem: presence of hairs	present	present	present
<input type="checkbox"/>	Stem: degree of hairiness	very low	very low	very low
<input type="checkbox"/>	Leaf: leaf type	simple	simple	simple
<input type="checkbox"/>	Leaf: attitude	horizontal	horizontal	horizontal
<input type="checkbox"/>	Leaf: arrangement	whorled	whorled	whorled
<input type="checkbox"/>	Leaf: length of blade	medium to long	medium to long	medium to long
<input type="checkbox"/>	Leaf: width of blade	narrow	narrow to medium	narrow to medium
<input type="checkbox"/>	Leaf: petiole	absent	absent	absent
<input type="checkbox"/>	Leaf: shape	oblate	oblate	oblate
<input type="checkbox"/>	Leaf: shape of apex	apiculate	apiculate	apiculate
<input type="checkbox"/>	Leaf: shape of base	attenuate	attenuate	attenuate
<input checked="" type="checkbox"/>	Leaf: undulation of the margin	strong to very strong	weak	variable; very weak to very strong
<input checked="" type="checkbox"/>	Leaf: colour of margin	red	yellow	variable; yellow, green or red
<input type="checkbox"/>	Leaf: shape of cross-section	flat	flat	flat
<input type="checkbox"/>	Leaf: curvature of longitudinal axis	recurved	recurved	recurved
<input type="checkbox"/>	Leaf: glossiness of upper side	medium	medium to strong	medium
<input checked="" type="checkbox"/>	Leaf: green colour	dark	medium	medium to dark
<input type="checkbox"/>	Leaf: presence of variegation	absent	absent	absent
<input checked="" type="checkbox"/>	Leaf: primary colour (RHS colour chart)	147A	137B	137A
<input type="checkbox"/>	Bract: shape	acuminate	acuminate	acuminate
<input type="checkbox"/>	Bract: width	medium	medium	medium
<input type="checkbox"/>	Bract: length	medium	medium	medium
<input checked="" type="checkbox"/>	Bract: primary colour (RHS colour chart)	165C	199A	variable: 200A, 200B, 200C, 200D, 165A
<input type="checkbox"/>	Inflorescence: number of heads per primary branch	<2	<2	<2
<input type="checkbox"/>	Inflorescence: attitude	erect	erect	erect
<input checked="" type="checkbox"/>	Inflorescence: tepal tip colour (RHS colour chart)	61C	2A	variable: 2B, 2C, 61B, 61D, 66C
<input checked="" type="checkbox"/>	Inflorescence: tepal blade colour (RHS colour chart)	61C	2D	variable: 2C, 2D, 61C, 66D, 194A

<input type="checkbox"/>	Inflorescence: tepal blade venation colour (RHS colour chart)	202D	202D	202D
<input checked="" type="checkbox"/>	Inflorescence: overall inflorescence colouration	cream tan/pink	cream green	variable; brownish green-cream to brownish pink
<input type="checkbox"/>	Inflorescence: tip shape	cuspidate	cuspidate	cuspidate
<input type="checkbox"/>	Inflorescence: shape	cylindrical to sub-conical	cylindrical to sub-conical	cylindrical to sub-conical
Characteristics Additional to the Descriptor/TG				
Organ/Plant Part: Context				
<input checked="" type="checkbox"/>	Plant: lodging	very weak to weak	medium	variable, medium to very strong
<input checked="" type="checkbox"/>	Stem: base betalain pigmentation	present	absent	present
<input checked="" type="checkbox"/>	Stem: intensity of betalain pigmentation at base	strong	absent or very weak	variable; absent or very weak to strong
<input checked="" type="checkbox"/>	Leaf: attitude of leaf apex	horizontal	erect	horizontal
<input checked="" type="checkbox"/>	Leaf: curvature of cross section	slightly incurved	strongly incurved	slightly incurved

Statistical Table

Organ/Plant Part: Context				
	'Poise'	'Purity'	Source Population	
<input checked="" type="checkbox"/>	Stem : length (cm)			
	Mean	76.00	58.14	72.92
	Std. Deviation	8.25	8.28	8.32
	LSD/sig	9.60	P≤0.01	ns
<input checked="" type="checkbox"/>	Inflorescence : width (mm)			
	Mean	46.25	50.11	46.89
	Std. Deviation	1.71	1.72	1.71
	LSD/sig	1.99	P≤0.01	ns
<input checked="" type="checkbox"/>	Inflorescence: number of primary branches			
	Mean	11.42	15.90	12.15
	Std. Deviation	3.06	3.07	3.09
	LSD/sig	3.55	P≤0.01	ns

Prior Applications and Sales

Prior applications nil. First sold in Australia in Mar 2007.

Description: **Dion Harrison**, The University of Queensland, Gatton Campus, QLD

Details of Application

Application Number	2007/155
Variety Name	'Estrella'
Genus Species	<i>Rubus idaeus</i>
Common Name	Raspberry
Synonym	Nil
Accepted Date	2 Jul 2007
Applicant	Driscoll Strawberry Associates, Inc, Watsonville, CA, USA
Agent	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing	US Patent & Trademark Office (USPTO)
Authority	
Overseas Data	PP 19, 137 Granted 26 August 2008
Reference Number	
Location	Watsonville, California, United States of America and verified Stanthorpe Queensland Australia 2008.
Descriptor	Raspberry (<i>Rubus idaeus</i>) TG/43/7.
Period	1998-2005.
Conditions	Traditional cultural practices employ rooted cuttings planted into raised ridges of soil in winter, the plants are then trellised and primocane harvest commences approximately 7 months later in summer and autumn. At the end of the primocane harvest the plants are pruned and the floricanne harvest commences in the following spring. Test plots for verification were planted in late winter 2007 at Stanthorpe and verified in 2008.
Trial Design	After asexual propagation by in vitro shoot tip culture was used to produce root cuttings of 'Estrella' and 'Heritage' which were compared in plots side by side under standard commercial raspberry production conditions.
Measurements	Measurements were taken of plant, flower and fruit characteristics approximately 7 months after planting for primocane production and approximately 17 months after planting for floricanne production. All measurements were made in accordance with UPOV technical guidelines and colours are described and most similar colour designations are provided from Royal Horticultural Society (RHS) Colour Charts.
RHS Chart - edition	2001

Origin and Breeding

The new variety of raspberry 'Estrella' was developed from the hybridization of 'Q481.7' (an unpatented variety) as the seed parent and 'S826.3' (an unpatented variety) as the pollen parent. In 1998 the parents were cross pollinated, and fruit and seed were collected to produce seedlings for selection in field planting in Watsonville, California USA. The variety 'Estrella' was selected for its yellow colour, productivity and flavour in 2000. 'Estrella' has been maintained for at least 6 generations in its present form by clonal reproduction without loss of distinctive characteristics. Breeders: Rick Harrison, Fred Cook, Brian Hamilton and Gavin Sills all employees of Driscoll Strawberry Associates, Inc. Watsonville, California, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	erect
Plant	self compatibility	present
Fruit	adherence to plug	medium
Leaves	colour of upper surface	dark green
Spines	presence	absent
Primocane	bloom	weak
Leaves	rugosity	medium
Leaf	predominant number of leaflets	equally three and five
Fruit	shape	ovate
Fruit	glossiness	medium
Fruit	main bearing type	summer and current years cane in autumn

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Heritage'	'Heritage' is an unpatented variety used as a standard comparator throughout the world.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Estrella'	'Heritage'
<input type="checkbox"/> Plant: habit	upright	upright
<input checked="" type="checkbox"/> *Plant: number of current season's canes	many	medium
<input checked="" type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	absent	present
<input checked="" type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	very weak	medium
<input type="checkbox"/> Current season's cane: bloom	weak	weak
<input checked="" type="checkbox"/> Current season's cane: length of vegetative bud	long to very long	short
<input checked="" type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	greyish brown	brownish purple
<input type="checkbox"/> *Spines: presence	absent	absent
<input type="checkbox"/> *Leaf: green colour of upper side	dark	dark
<input type="checkbox"/> *Leaf: predominant number of leaflets	equally three and five	equally three and five
<input type="checkbox"/> *Leaf: rugosity	medium	medium
<input checked="" type="checkbox"/> Leaf: relative position of lateral leaflets	touching	free
<input checked="" type="checkbox"/> Terminal leaflet: length	medium	long
<input checked="" type="checkbox"/> Terminal leaflet: width	broad	narrow to medium
<input type="checkbox"/> *Peduncle: presence of anthocyanin colouration	absent	

<input checked="" type="checkbox"/>	Flower: size	medium	small
<input checked="" type="checkbox"/>	*Fruit: length	medium to long	short to medium
<input checked="" type="checkbox"/>	*Fruit: width	medium to broad	narrow to medium
<input checked="" type="checkbox"/>	*Fruit: ratio length/width	medium	very small
<input type="checkbox"/>	*Fruit: general shape in lateral view	circular	circular
<input checked="" type="checkbox"/>	Fruit: size of single drupe	large to very large	small
<input checked="" type="checkbox"/>	*Fruit: colour	yellow	medium red
<input checked="" type="checkbox"/>	Fruit: glossiness	medium	medium
<input type="checkbox"/>	*Fruit: firmness	very firm	firm
<input type="checkbox"/>	Fruit: adherence to plug	medium	medium
<input type="checkbox"/>	*Fruit: main bearing type	both previous year's cone in summer & current year's cone in autumn	both previous year's cone in summer & current year's cone in autumn
<input checked="" type="checkbox"/>	*Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer)	early to medium	medium
<input checked="" type="checkbox"/>	*Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	very early to early	early to medium
<input checked="" type="checkbox"/>	Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	long to very long	short
<input checked="" type="checkbox"/>	Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	long to very long	long

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2007	Applied	'Driscoll Estrella'
USA	2006	Granted	'Driscoll Estrella'

Prior sale nil.

Description: **Margaret Zorin** 167 Collingwood Road Birkdale Qld 4159

Details of Application

Application Number	2006/101
Variety Name	'Kortraste'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Klein Offenseth-Sparrieshoop, Germany
Agent	Treloar Roses Pty Ltd, Portland, VIC
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing	Bundessortanamt
Authority	
Overseas Data	Ros 2286
Reference Number	
Location	Pruistelle Rethmar, Germany. Local observation at Portland, VIC
Descriptor	Rose (<i>Rosa</i> hybrid) TG/11/7
Period	2003-2004
Conditions	The comparative study was conducted at Portland (Latitude 38.15S, Longitude 141.37E), VIC. The roses were maintained in the open and grown in a well structured loamy clay soil. Sound farm management practices ensured the plants grew to their full potential with minimum stress and under high health conditions. 'Kortraste' was budded in early summer onto well established 10 month-old <i>Rosa multiflora</i> rootstock. Examination was conducted in mid-autumn 2008 on one and two year old budded plants growing in double rows along with other varieties of Kordes roses.
Trial Design	Observations and measurements were taken from a minimum of ten plants, selected at random in mid autumn.
Measurements	Measurements made on terminal leaflet of first five-leaflet leaf down flower stem, flower diameter when first fully open, and sepal length excluding leafy extension if present.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: in 1991 seed parent 'The Fairy' was crossed with pollen parent unnamed seedling. Hips produced remained on the bush until Oct (autumn) when harvested and shelled. The following year, seeds were planted under controlled greenhouse condition. Germination commenced in Feb, and the seedlings first bloomed in Apr (Northern Hemisphere). From this seedling population, the best were selected for further trials. After these trials, the seedling, now known as 'Kortraste', was selected for further evaluation. Budding eyes were taken in Jul 1992 and budded to root stock *R. canina* and planted out in the open. Multiplication and testing continued until 2002. 'Kortraste' was released in 2003. This new variety was multiplied in number by vegetative propagation over numerous generations. 'Kortraste' has proved to be genetically stable. Selection criteria: improved garden rose variety. Breeding directed by William Kordes, of W.Kordes' Sohne Rosenschulen GMBH & Co KG, Sparrieshoop, Germany.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	ground cover
Flower	type	single
Flower	colour group	white/very pale pink
Flower	diameter	very small/small

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Korimro' syn Immensee	Flowers very pale pink, main flowering period spring.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Kortraste'	'Korimro' syn Immensee
<input type="checkbox"/> Plant: growth habit	flat bushy	broad bushy to flat bushy
<input type="checkbox"/> Young shoot: anthocyanin colouration	very weak to weak	
<input type="checkbox"/> Young shoot: hue of anthocyanin colouration	bronze	
<input type="checkbox"/> Prickles: presence	present	
<input type="checkbox"/> Prickle: shape of lower side	deep concave to concave	
<input type="checkbox"/> Short prickles: number	few	
<input type="checkbox"/> Long prickles: number	medium	
<input type="checkbox"/> *Leaf: size	very small to small	
<input type="checkbox"/> Leaf: green colour	dark to very dark	
<input type="checkbox"/> *Leaf: glossiness of upper side	medium to strong	
<input type="checkbox"/> Leaflet: cross section	slight convex	
<input type="checkbox"/> Leaflet: undulation of margin	weak	
<input type="checkbox"/> Terminal leaflet: length of blade	very short to short	
<input type="checkbox"/> Terminal leaflet: width of blade	narrow	
<input type="checkbox"/> Terminal leaflet: shape of base	wedge-shaped	
<input type="checkbox"/> Flowering shoot: number of flowers	medium to many	
<input type="checkbox"/> Flower pedicel: number of hairs or prickles	many to very many	
<input type="checkbox"/> Flower bud: shape of longitudinal section	broad-ovate	
<input type="checkbox"/> *Flower: type	single	
<input type="checkbox"/> Flower: number of petals	few	
<input type="checkbox"/> *Flower: diameter	very small to small	

<input type="checkbox"/>	Flower: view from above	irregularly round	
<input type="checkbox"/>	Flower: side view of upper part	flat	
<input type="checkbox"/>	Flower: side view of lower part	flat	
<input type="checkbox"/>	Flower: fragrance	weak	weak
<input type="checkbox"/>	Sepal: extensions	absent or very weak	
<input type="checkbox"/>	*Petal: size	small	
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of inner side(RHS colour chart)	white RHS N155C	light blue pink RHS N155C
<input type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	light blue pink RHS 56D	
<input type="checkbox"/>	*Petal: spot at base of inner side	present	
<input type="checkbox"/>	*Petal: size of spot at base of inner side	very small to small	
<input type="checkbox"/>	*Petal: colour of spot at base of inner side (RHS colour chart)	yellow RHS 6B	
<input type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	white RHS N155C	
<input type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	white to light blue pink RHS N155C-56D	
<input type="checkbox"/>	*Petal: spot at base of outer side	present	
<input type="checkbox"/>	*Petal: size of spot at base of outer side	very small	
<input type="checkbox"/>	*Petal: colour of spot at base of outer side (RHS colour chart)	yellow RHS 3B	
<input type="checkbox"/>	Petal: reflexing of margin	weak	
<input type="checkbox"/>	Petal: undulation of margin	weak	
<input type="checkbox"/>	Outer stamen: predominant colour of filament	yellow	
<input type="checkbox"/>	Seed vessel: size	very small	
<input type="checkbox"/>	Hip: shape of longitudinal section	pear-shaped	
<input type="checkbox"/>	Time of beginning of: flowering	medium	early
<input checked="" type="checkbox"/>	*Flowering: habit	almost continuous flowering	twice flowering

Statistical Table

Organ/Plant Part: Context	'Kortraste'	'Korimro' syn Immensee
<input type="checkbox"/> Terminal leaflet: length (mm)		
Mean	21.92	n/a
Std. Deviation	1.87	n/a
<input type="checkbox"/> Flower: diameter (mm)		
Mean	42.10	n/a
Std. Deviation	3.71	n/a
<input type="checkbox"/> Sepal: length (mm)		
Mean	11.90	n/a
Std. Deviation	1.14	n/a
<input type="checkbox"/> Terminal leaflet: width (mm)		
Mean	14.78	n/a
Std. Deviation	2.28	n/a
<input type="checkbox"/> Terminal leaflet: petiolule (mm)		
Mean	8.66	n/a
Std. Deviation	1.22	n/a

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Germany	2002	Granted	'Kortraste'
EU	2003	Granted	'Kortraste'

First sold in Germany in Oct 2003.

Description: **Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC

Details of Application

Application Number	2006/100
Variety Name	'Korfobalt'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Klein Offenseth-Sparrieshoop, Germany
Agent	Treloar Roses Pty Ltd, Portland, VIC
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing	Bundessortanamt
Authority	
Overseas Data	ROS2282
Reference Number	
Location	Pruistelle Rethmar, Germany. Local observation at Portland, VIC
Descriptor	Rose (<i>Rosa</i> hybrid) TG/11/7.
Period	2003-2004
Conditions	The comparative study was conducted at Portland (Latitude 38.15S, Longitude 141.37E), VIC. The roses were maintained in the open and grown in a well structured loamy clay soil. Sound farm management practices ensured the plants grew to their full potential with minimum stress and under high health conditions. 'Korfobalt' was budded in early summer onto well established 10 month-old <i>Rosa multiflora</i> rootstock. Examination was conducted in mid autumn on two year old budded plants growing in double rows along with other varieties of 'Kordes' roses.
Trial Design	Observations and measurements were taken from a minimum of ten plants, selected at random in mid autumn.
Measurements	Measurements made on terminal leaflet on the first five- leaflet leaf down the flower stem; flower diameter made when flower first fully open, and sepal length excludes the terminal leafy extension if present.
RHS Chart - edition	1986.

Origin and Breeding

Controlled pollination: seed parent unnamed seedling was crossed with pollen parent 'Centenaire de Lourdes' in May 1992. Hips produced remained on bush until Oct when harvested and shelled. Seeds planted under greenhouse conditions: germination commenced in Feb 1993, and seedlings first bloomed in Apr (Northern Hemisphere). Out of this seedling population, the best seedlings were selected for further trials. Budding eyes were budded to *R. canina* root stock and planted in the open. From these the seedling now known as 'Korfobalt' was selected. This new variety has been multiplied in number by vegetative propagation and flowered for over five generations and appeared genetically stable. Selection criteria: improved greenhouse cut flower rose variety. Breeding directed by William Kordes, of W.Kordes' Sohne Rosenschulen GMBH & Co KG, Sparrieshoop, Germany.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	bushy
Flower	type	double
Flower	colour group	light blue pink
Flower	diameter	large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Delpabra'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
Unnamed seedling	Plant growth habit	very vigorous	medium	maternal parent
'Centenaire de Lourdes'	Flower type	double	semi-double	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Korfbalt'	'Delpabra'
<input type="checkbox"/> Plant: growth habit	bushy	
<input type="checkbox"/> Young shoot: anthocyanin colouration	weak to medium	
<input type="checkbox"/> Young shoot: hue of anthocyanin colouration	bronze to reddish brown	
<input type="checkbox"/> Prickles: presence	present	
<input type="checkbox"/> Prickle: shape of lower side	deep concave to concave	
<input type="checkbox"/> Short prickles: number	few	
<input type="checkbox"/> Long prickles: number	many	
<input type="checkbox"/> *Leaf: size	medium	
<input type="checkbox"/> Leaf: green colour	medium to dark	dark
<input type="checkbox"/> *Leaf: glossiness of upper side	medium to strong	medium to strong
<input type="checkbox"/> Leaflet: cross section	flat	
<input type="checkbox"/> Leaflet: undulation of margin	weak to medium	
<input type="checkbox"/> Terminal leaflet: length of blade	medium	
<input type="checkbox"/> Terminal leaflet: width of blade	medium	
<input type="checkbox"/> Terminal leaflet: shape of base	rounded	
<input type="checkbox"/> Flowering shoot: number of flowers	very few to few	
<input type="checkbox"/> Flower pedicel: number of hairs or prickles	few	

<input type="checkbox"/>	Flower bud: shape of longitudinal section	round	
<input type="checkbox"/>	*Flower: type	double	double
<input type="checkbox"/>	Flower: number of petals	many	
<input type="checkbox"/>	*Flower : diameter	large	
<input type="checkbox"/>	Flower: view from above	irregularly round	
<input type="checkbox"/>	Flower: side view of upper part	flat	
<input type="checkbox"/>	Flower: side view of lower part	flat	
<input type="checkbox"/>	Flower: fragrance	weak	medium
<input type="checkbox"/>	Sepal: extensions	weak to medium	
<input type="checkbox"/>	*Petal: size	small to medium	
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of inner side(RHS colour chart)	violet to light blue pink nearest RHS 75D/56D	light blue-pink RHS 65C
<input type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	violet to light blue pink nearest RHS 75D/56D	
<input type="checkbox"/>	*Petal: spot at base of inner side	present	
<input type="checkbox"/>	*Petal: size of spot at base of inner side	very small to small	
<input checked="" type="checkbox"/>	*Petal: colour of spot at base of inner side (RHS colour chart)	white RHS 155C	yellow RHS 3A,5A
<input type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	light blue pink nearest RHS 65C/69B	
<input type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	light blue pink nearest RHS 65C/69B	
<input type="checkbox"/>	*Petal: spot at base of outer side	present	
<input type="checkbox"/>	*Petal: size of spot at base of outer side	very small	
<input type="checkbox"/>	*Petal: colour of spot at base of outer side (RHS colour chart)	grey RHS 157C	
<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	
<input type="checkbox"/>	Petal: undulation of margin	medium to strong	
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	white	yellow
<input type="checkbox"/>	Seed vessel: size	small to medium	
<input type="checkbox"/>	Hip: shape of longitudinal section	funnel-shaped	
<input type="checkbox"/>	Time of beginning of: flowering	late	
<input type="checkbox"/>	*Flowering: habit	almost continuous flowering	almost continuous flowering

Statistical Table

Organ/Plant Part: Context	'Korfbalt'	'Delpabra'
<input type="checkbox"/> Leaf: length (mm)		
Mean	109.70	n/a
Std. Deviation	8.50	n/a
<input type="checkbox"/> Leaflet: length (mm)		
Mean	49.30	n/a
Std. Deviation	1.90	n/a
<input type="checkbox"/> Leaflet: width (mm)		
Mean	36.60	n/a
Std. Deviation	2.50	n/a
<input type="checkbox"/> Leaflet: petiolule (mm)		
Mean	12.90	n/a
Std. Deviation	1.40	n/a
<input type="checkbox"/> Flower: diameter (mm)		
Mean	68.00	n/a
Std. Deviation	2.90	n/a
<input type="checkbox"/> Sepal: length		
Mean	17.30	n/a
Std. Deviation	2.10	n/a

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Switzerland	2005	Granted	'Korfbalt'
Germany	2002	Granted	'Korfbalt'
EU	2003	Granted	'Korfbalt'

First sold in Germany in Oct 2003.

Description: **Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Details of Application

Application Number	2004/057
Variety Name	'Schrenat'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Aqua!
Accepted Date	22 Mar 2004
Applicant	Piet Schreurs Holding B.V. Uithoorn, The Netherlands
Agent	Schreurs Australia (Pty) Ltd, Milsons Point, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	Raadv/h Kwekersrecht, Wageningen, The Netherlands
Overseas Data Reference Number	ROO 2740
Location	Rose (<i>Rosa</i>) (new) TG/11/8.
Descriptor	Mar-Apr 2008.
Period	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Plants were on their own roots, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Conditions	Completely random selection from commercial beds.
Trial Design	One per plant.
Measurements	2001.
RHS Chart - edition	

Origin and Breeding

Controlled pollination: un-named seed parent x un-named pollen parent, in a planned breeding program at De Kwakel, the Netherlands during the years 1997 to 1998. Both parents are non-commercial varieties within the breeding programme. Selection criteria: medium flower size, suitable commercial yield of flower stems, pink flower colour. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Flower	type	double
Flower	colour group	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'TANdrib'	syn. Bluebird

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Schosonne'	Flower main colour on inner side	68B	63B

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Schrenat'	'TANdrib'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	short to medium	
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak	
<input type="checkbox"/> Stem: number of prickles	few to medium	
<input type="checkbox"/> Prickles: predominant colour	reddish	
<input type="checkbox"/> Leaf: size	medium to large	
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	
<input type="checkbox"/> *Leaf: glossiness of upper side	strong	
<input type="checkbox"/> *Leaflet: undulation of margin	weak	
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	
<input type="checkbox"/> Flowering shoot: flowering laterals	absent	
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	very few	
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	medium	many
<input type="checkbox"/> *Flower: colour group	pink	
<input type="checkbox"/> Flower: colour of the centre	pink	
<input type="checkbox"/> Flower: density of petals	medium	
<input type="checkbox"/> *Flower: diameter	medium	medium

<input checked="" type="checkbox"/>	*Flower: shape	star-shaped	irregularly rounded
<input type="checkbox"/>	Flower: profile of upper part	flattened convex	
<input type="checkbox"/>	*Flower: profile of lower part	concave	
<input type="checkbox"/>	Flower: fragrance	absent or weak	
<input type="checkbox"/>	*Sepal: extensions	medium to strong	
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	
<input type="checkbox"/>	*Petal: shape	obovate	
<input type="checkbox"/>	Petal: incisions	very weak to weak	
<input type="checkbox"/>	Petal: reflexing of margin	strong	
<input type="checkbox"/>	Petal: undulation	weak	
<input type="checkbox"/>	*Petal: size	large	
<input type="checkbox"/>	*Petal: length	long	
<input type="checkbox"/>	*Petal: width	broad	
<input type="checkbox"/>	*Petal: number of colours on inner side	one	
<input type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	68B	
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	
<input type="checkbox"/>	*Petal: size of basal spot on inner side	very large	
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	white	
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	62B	
<input type="checkbox"/>	Outer stamen: predominant colour of filament	white	
<input type="checkbox"/>	Seed vessel: size	small to medium	
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Colombia	2001	Applied	'Schrenat'
Israel	2002	Applied	'Schrenat'
Japan	2002	Granted	'Schrenat'
Poland	2001	Surrendered	'Schrenat'
EU	2000	Granted	'Schrenat'
USA	2002	Granted	'Schrenat'
South Africa	2003	Applied	'Schrenat'

First sold in The Netherlands in Apr 2001. First Australian sale Mar 2003.

Description: **Ian Paananen**, Crop & Nursery Services, Central Coast, NSW

Details of Application

Application Number	2004/058
Variety Name	'Schatina'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Sweet Moments!
Accepted Date	22 Mar 2004
Applicant	Piet Schreurs Holding B.V. Uithoorn, The Netherlands
Agent	Schreurs Australia (Pty) Ltd, Milsons Point, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	Raadv/h Kwekersrecht, Wageningen, The Netherlands
Overseas Data Reference Number	ROO 2966
Location	Leppington, NSW.
Descriptor	Rose (<i>Rosa</i>) (new) TG/11/8.
Period	Mar-Apr 2008.
Conditions	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Plants were on their own roots, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	Completely random selection from commercial beds.
Measurements	One per plant.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: un-named seed parent x un-named pollen parent, in a planned breeding program at De Kwakel, The Netherlands during the years 1997 to 2000. Both parents are non-commercial varieties within the breeding programme. Selection criteria: long stem length, upright growth habit, pink flower colour, suitability for dry transport, fragrance present. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Flower	colour group	pink
Flower	fragrance	strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Huubda'	syn. Parfuma
'Frederic Mistral'	also known as MEItebros

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Variety	Comments
'Royal Highness'	Flower number of petals	very many	many	Also has a much larger flower diameter.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Schatina'	'Frederic Mistral'	'Huubda'
<input type="checkbox"/> *Plant: growth type	bed	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright	upright
<input checked="" type="checkbox"/> Plant: height	medium	tall	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present		
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong		
<input type="checkbox"/> Stem: number of prickles	few to medium		
<input type="checkbox"/> Prickles: predominant colour	reddish		
<input type="checkbox"/> Leaf: size	medium to large	large	
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium	dark	
<input type="checkbox"/> Leaf: anthocyanin colouration	present		
<input type="checkbox"/> *Leaf: glossiness of upper side	medium	medium	
<input type="checkbox"/> *Leaflet: undulation of margin	weak		
<input type="checkbox"/> *Terminal leaflet: shape of blade	narrow elliptic		
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded		
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate		
<input type="checkbox"/> Flowering shoot: flowering laterals	absent		
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	very few		
<input type="checkbox"/> Flower bud: shape in longitudinal	medium ovate		

section				
<input type="checkbox"/>	*Flower: type	double		
<input checked="" type="checkbox"/>	*Flower: number of petals	very many	many	many
<input type="checkbox"/>	*Flower: colour group	pink	pink	pink
<input type="checkbox"/>	Flower: colour of the centre	pink		
<input type="checkbox"/>	Flower: density of petals	medium to dense	dense	medium
<input checked="" type="checkbox"/>	*Flower: diameter	large		medium
<input type="checkbox"/>	*Flower: shape	irregularly rounded		
<input type="checkbox"/>	Flower: profile of upper part	flattened convex		
<input type="checkbox"/>	*Flower: profile of lower part	concave		
<input type="checkbox"/>	Flower: fragrance	strong		strong
<input type="checkbox"/>	*Sepal: extensions	medium to strong		
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present		
<input type="checkbox"/>	*Petal: shape	obovate		
<input type="checkbox"/>	Petal: incisions	absent or very weak		
<input type="checkbox"/>	Petal: reflexing of margin	medium		
<input type="checkbox"/>	Petal: undulation	weak		
<input type="checkbox"/>	*Petal: size	large		
<input type="checkbox"/>	*Petal: length	long		
<input type="checkbox"/>	*Petal: width	medium to broad		
<input type="checkbox"/>	*Petal: number of colours on inner side	one		
<input type="checkbox"/>	*Petal: intensity of colour	even	even	
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	63C	lighter than 63C	lighter pink than 63C
<input type="checkbox"/>	*Petal: basal spot on the inner side	present		
<input type="checkbox"/>	*Petal: size of basal spot on inner side	very large		
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow		
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	63D		
<input type="checkbox"/>	Outer stamen: predominant colour of filament	red		
<input type="checkbox"/>	Seed vessel: size	small		

□ Hip: shape in longitudinal section funnel-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Colombia	2001	Granted	'Schatina'
Japan	2005	Applied	'Schatina'
South Korea	2003	Granted	'Schatina'

First sold in Lebanon in Jan 2002. First Australian sale Mar 2003.

Description: **Ian Paananen**, Crop & Nursery Services, Central Coast, NSW

Details of Application

Application Number	2004/059
Variety Name	'Scholtec'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Cool Water!
Accepted Date	22 Mar 2004
Applicant	Piet Schreurs Holding B.V. Uithoorn, The Netherlands
Agent	Schreurs Australia (Pty) Ltd, Milsons Point, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	Raadv/h Kwekersrecht, Wageningen, The Netherlands
Overseas Data Reference Number	ROO 3084
Location	Leppington, NSW.
Descriptor	Rose (<i>Rosa</i>) (new) TG/11/8.
Period	Mar-Apr 2008.
Conditions	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Plants were on their own roots, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	completely random selection from commercial beds.
Measurements	one per plant.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: un-named seed parent x un-named pollen parent, in a planned breeding program at De Kwakel, the Netherlands during the years 1999 to 2000. Both parents are non-commercial varieties within the breeding programme. Selection criteria: long stem length, upright growth habit, mauve flower colour, suitability for dry transport, good yield of stems. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Flower	type	double
Flower	diameter	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Schosonne'	From the same breeder.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Scholtec'	'Schosonne'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	very weak to weak	weak
<input type="checkbox"/> Stem: number of prickles	few	few
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	light to medium	medium
<input checked="" type="checkbox"/> Leaf: anthocyanin colouration	absent	present
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	medium	strong
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	medium	very weak to weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	rounded
<input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	very few	very few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium to many	many
<input checked="" type="checkbox"/> *Flower: colour group	pink	red purple
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input type="checkbox"/> Flower: density of petals	medium to dense	medium
<input type="checkbox"/> *Flower: diameter	medium	medium
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded

<input checked="" type="checkbox"/>	Flower: profile of upper part	flattened convex	flat
<input checked="" type="checkbox"/>	*Flower: profile of lower part	flattened convex	concave
<input checked="" type="checkbox"/>	Flower: fragrance	absent or weak	medium
<input checked="" type="checkbox"/>	*Sepal: extensions	weak	strong
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/>	*Petal: shape	rounded	rounded
<input type="checkbox"/>	Petal: incisions	very weak to weak	weak
<input checked="" type="checkbox"/>	Petal: reflexing of margin	medium	weak
<input checked="" type="checkbox"/>	Petal: undulation	weak	medium
<input type="checkbox"/>	*Petal: size	medium to large	medium
<input type="checkbox"/>	*Petal: length	medium to long	medium
<input type="checkbox"/>	*Petal: width	medium to broad	medium
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input checked="" type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	even
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	75B	63B
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/>	*Petal: size of basal spot on inner side	medium	very large
<input checked="" type="checkbox"/>	*Petal: colour of basal spot on inner side	white	medium yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	70C	63B
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	white	medium yellow
<input type="checkbox"/>	Seed vessel: size	medium	small to medium
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	funnel-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Colombia	2004	Granted	'Scholtec'
Israel	2006	Applied	'Scholtec'
Japan	2005	Applied	'Scholtec'
South Korea	2003	Granted	'Scholtec'
EU	2002	Granted	'Scholtec'
USA	2003	Granted	'Scholtec'

First sold in The Netherlands in Dec 2002.

Description: **Ian Paananen**, Crop & Nursery Services, Central Coast, NSW

Details of Application

Application Number	2004/060
Variety Name	'Scheniet'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	African Dawn!
Accepted Date	22 Mar 2004
Applicant	Piet Schreurs Holding B.V. Uithoorn, The Netherlands
Agent	Schreurs Australia (Pty) Ltd, Milsons Point, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	Raadv/h Kwekersrecht, Wageningen, The Netherlands
Overseas Data Reference Number	ROS 3127
Location	Leppington, NSW.
Descriptor	Rose (<i>Rosa</i>) (new) TG/11/8.
Period	Mar-Apr 2008.
Conditions	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Plants were on their own roots, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	Completely random selection from commercial beds.
Measurements	One per plant.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: un-named seed parent x un-named pollen parent, in a planned breeding program at De Kwakel, the Netherlands during the years 1994 to 1996. Both parents are non-commercial varieties within the breeding programme. Selection criteria: medium flower size, suitable commercial yield of flower stems, pink flower colour. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Flower	colour group	red blend
Flower	type	double
Flower	diameter	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'First Red'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Schosonne'	Flower colour group	red blend	red purple

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Scheniet'	'First Red'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	short to medium	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	weak to medium
<input type="checkbox"/> Stem: number of prickles	medium	
<input type="checkbox"/> Prickles: predominant colour	reddish	
<input type="checkbox"/> Leaf: size	large	
<input type="checkbox"/> Leaf: intensity of green colour	medium	
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	strong
<input type="checkbox"/> *Leaflet: undulation of margin	weak	
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	
<input type="checkbox"/> Flowering shoot: flowering laterals	absent	
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	very few	
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium to many	many
<input type="checkbox"/> *Flower: colour group	red blend	
<input type="checkbox"/> Flower: colour of the centre	orange	
<input type="checkbox"/> Flower: density of petals	medium to dense	
<input type="checkbox"/> *Flower: diameter	medium	

<input type="checkbox"/>	*Flower: shape	star-shaped	
<input checked="" type="checkbox"/>	Flower: profile of upper part	flattened convex	flat
<input type="checkbox"/>	*Flower: profile of lower part	flat	
<input type="checkbox"/>	Flower: fragrance	absent or weak	
<input type="checkbox"/>	*Sepal: extensions	strong to very strong	
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	
<input type="checkbox"/>	*Petal: shape	rounded	
<input type="checkbox"/>	Petal: incisions	absent or very weak	
<input checked="" type="checkbox"/>	Petal: reflexing of margin	medium	weak
<input type="checkbox"/>	Petal: undulation	weak	
<input type="checkbox"/>	*Petal: size	large	large
<input type="checkbox"/>	*Petal: length	medium	
<input type="checkbox"/>	*Petal: width	medium to broad	
<input type="checkbox"/>	*Petal: number of colours on inner side	two	
<input type="checkbox"/>	*Petal: intensity of colour	even	
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	45A-46B	53C
<input checked="" type="checkbox"/>	*Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	33A	45A
<input type="checkbox"/>	*Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	at base	at base
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	very large	
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	22B	
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	red
<input type="checkbox"/>	Seed vessel: size	small to medium	medium
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	funnel-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Colombia	2004	Granted	'Scheniet'
South Korea	2003	Granted	'Scheniet'
EU	2003	Granted	'Scheniet'

First sold in The Netherlands in May 2003.

Description: **Ian Paananen**, Crop & Nursery Services, Central Coast, NSW

Details of Application

Application Number	2006/104
Variety Name	'Kormamtiza'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG
Agent	Treloar Roses Pty Ltd
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing	Bundessortanamt
Authority	
Overseas Data	ROS 2284
Reference Number	
Location	Pruistelle Rethmar, Germany. Local observation at Portland, VIC
Descriptor	TG/11/7.
Period	2003.
Conditions	The comparative study was conducted at Portland (Latitude 38.15S, Longitude 141.37E), VIC. The roses were maintained in the open and grown in a well structured loamy clay soil. Sound farm management practices ensured the plants grew to their full potential with minimum stress and under high health conditions. 'Kormamtiza' was budded in early summer onto well established 10 month-old <i>Rosa multiflora</i> rootstock. Examination was conducted in mid autumn 2008 on one and two year old budded plants growing in double rows along with other varieties of Kordes roses.
Trial Design	Observations and measurements were taken from a minimum of ten plants, selected at random in mid autumn.
Measurements	Measurements made on terminal leaflet on the first five-leaflet leaf down the flower stem; flower diameter made when flower first fully open, and sepal length excludes the terminal leafy extension if present.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: seed parent unnamed seedling (*Roseromatica* x *Heckenfeuer*), crossed with pollen parent 'Taneitber' in May 1993. Hips produced remained on bush until Oct (autumn) when harvested and shelled. Seeds planted under controlled greenhouse conditions: germination commenced in Feb 1994, and the seedlings first bloomed in May (Northern Hemisphere). From this seedling population, the best seedlings were selected for further trials. Budding eyes were taken in Jul 1994 and budded to understock of *R. canina* and planted in the open. From these the seedling, now known as 'Kormamtiza', was selected for further testing until 2002, and first sales were made in 2003. This new variety was multiplied in number by vegetative propagation, and has flowered for over five generations and appears to be genetically stable. Selection criteria: improved garden rose variety. Breeding directed by William Kordes, of W. Kordes' Sohne Rosenschulen GMBH & Co KG, Sparrieshoop, Germany.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	Growth habit	bushy
Flower	type	double
Flower	colour	orange/yellow orange
Flower	diameter	medium to large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Korkinteral'	plant bushy, large prickles number medium to many, leaf size medium to large, and flower colour inner side yellow orange.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Variety	Comments
Unnamed seedling	flower colour	apricot blends	pink	Maternal parent.
'Taneitber'	flower colour	apricot blends	amber yellow	Pollen parent.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Kormamtiza'	'Korkinteral'
<input type="checkbox"/> Plant: growth habit	bushy	
<input type="checkbox"/> Plant: width	medium	
<input type="checkbox"/> Young shoot: anthocyanin colouration	weak	medium to strong
<input type="checkbox"/> Young shoot: hue of anthocyanin colouration	bronze	
<input type="checkbox"/> Prickles: presence	present	
<input type="checkbox"/> Prickle: shape of lower side	deep concave	
<input type="checkbox"/> Short prickles: number	few	
<input type="checkbox"/> Long prickles: number	few to medium	medium to many
<input type="checkbox"/> *Leaf: size	small to medium	medium to large
<input type="checkbox"/> Leaf: green colour	medium to dark	
<input type="checkbox"/> *Leaf: glossiness of upper side	strong	
<input type="checkbox"/> Leaflet: cross section	slight concave	
<input type="checkbox"/> Leaflet: undulation of margin	weak to medium	
<input type="checkbox"/> Terminal leaflet: length of blade	medium	
<input type="checkbox"/> Terminal leaflet: width of blade	narrow to medium	
<input type="checkbox"/> Terminal leaflet: shape of base	obtuse	
<input type="checkbox"/> Flowering shoot: number of flowers	few	
<input type="checkbox"/> Flower pedicel: number of hairs or prickles	many	

<input type="checkbox"/>	Flower bud: shape of longitudinal section	broad-ovate	
<input type="checkbox"/>	*Flower: type	double	
<input type="checkbox"/>	Flower: number of petals	medium	
<input type="checkbox"/>	*Flower : diameter	medium to large	
<input type="checkbox"/>	Flower: view from above	round	
<input type="checkbox"/>	Flower: side view of upper part	flat	
<input type="checkbox"/>	Flower: side view of lower part	concave	
<input type="checkbox"/>	Flower: fragrance	weak	
<input checked="" type="checkbox"/>	Sepal: extensions	weak to medium	absent or very weak
<input type="checkbox"/>	*Petal: size	medium	
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of inner side(RHS colour chart)	orange pink to orange RHS 27A-29B (pink RHS 36A)	yellow orange RHS 18B-20C
<input checked="" type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	orange pink to orange RHS 27A-29B (pink RHS 36A)	yellow orange RHS 18B
<input type="checkbox"/>	*Petal: spot at base of inner side	present	
<input type="checkbox"/>	*Petal: size of spot at base of inner side	medium to large	
<input type="checkbox"/>	*Petal: colour of spot at base of inner side (RHS colour chart)	yellow RHS 5C	
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	light yellow orange RHS 18C-18D (pink RHS 36A)	pale orange red RHS 31D-33D
<input checked="" type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	light yellow orange RHS 18C-18D (pink 36A)	orange yellow RHS 18C-29C
<input type="checkbox"/>	*Petal: spot at base of outer side	present	
<input type="checkbox"/>	*Petal: size of spot at base of outer side	medium to large	
<input type="checkbox"/>	*Petal: colour of spot at base of outer side (RHS colour chart)	yellow green RHS 4C	
<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	
<input type="checkbox"/>	Petal: undulation of margin	strong	weak to medium
<input type="checkbox"/>	Outer stamen: predominant colour of filament	yellow	
<input type="checkbox"/>	Seed vessel: size	small to medium	
<input type="checkbox"/>	Hip: shape of longitudinal section	pitcher-shaped	
<input type="checkbox"/>	Time of beginning of: flowering	early	

- *Flowering: habit almost continuous flowering

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Kormamtiza'	'Korkinteral'
<input checked="" type="checkbox"/> Style: predominant colour	green	yellow

Statistical Table

Organ/Plant Part: Context	'Kormamtiza'	'Korkinteral'
<input type="checkbox"/> Leaf: length (mm)		
Mean	104.00	n/a
Std. Deviation	6.10	n/a
<input type="checkbox"/> Leaflet: length (mm)		
Mean	45.70	n/a
Std. Deviation	1.40	n/a
<input type="checkbox"/> Leaflet: width (mm)		
Mean	32.20	n/a
Std. Deviation	1.70	n/a
<input type="checkbox"/> Leaflet: petiolule (mm)		
Mean	16.50	n/a
Std. Deviation	0.90	n/a
<input type="checkbox"/> Flower: diameter (mm)		
Mean	86.30	n/a
Std. Deviation	4.90	n/a
<input type="checkbox"/> Sepal: length (mm)		
Mean	26.10	n/a
Std. Deviation	2.70	n/a

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Switzerland	2004	Granted	'Kormamtiza'
Germany	2002	Granted	'Kormamtiza'
Japan	2006	Applied	'Kormamtiza'
EU	2003	Granted	'Kormamtiza'

First sold in Germany in Nov 2003.

Description: **Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC

Details of Application

Application Number	2006/103
Variety Name	'Korstarnow'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Klein Offenseth-Sparrieshoop, Germany
Agent	Treloar Roses Pty Ltd, Portland, VIC
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing	Bundessortanamt
Authority	
Overseas Data	ROS 2285
Reference Number	
Location	Pruistelle Rethmar, Germany. Local observation at Portland, VIC
Descriptor	Rose (<i>Rosa</i> hybrid) TG/11/7.
Period	2003.
Conditions	The comparative study was conducted at Portland (Latitude 38.15S, Longitude 141.37E), VIC. The roses were maintained in the open and grown in a well structured loamy clay soil. Sound farm management practices ensured the plants grew to their full potential with minimum stress and under high health conditions. 'Korstarnow' was budded in early summer onto well established 10 month-old <i>Rosa multiflora</i> rootstock. Examination was conducted in mid autumn 2008 on one and two year old budded plants growing in double rows along with other varieties of Kordes roses.
Trial Design	Observations and measurements were taken from a minimum of ten plants, selected at random in mid autumn.
Measurements	Measurements made on terminal leaflet of first seven-leaflet leaf down flower stem, flower diameter when first fully open, and sepal length excluded leafy extension if present.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: in May 1993 Seed parent unnamed seedling was crossed with pollen parent 'Noaschnee'. Hips produced remained on bush until Oct (autumn) when harvested and shelled. In Feb 1994 seeds were planted under controlled greenhouse conditions: germination commenced in Feb, and seedlings first bloomed in Apr (Northern Hemisphere). Out of this seedling population, the best seedlings were selected for further trials. From these the seedling, now known as 'Korstarnow', was selected for further testing. This new variety was multiplied in number by vegetative propagation via shoot cuttings, flowered for over five generations and appeared genetically stable. Selection criteria: improved garden rose variety. Breeding directed by William Kordes, of W.Kordes' Sohne Rosenschulen GMBH & Co KG, Sparrieshoop, Germany.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	bushy
Flower	type	semi-double
Flower	colour group	white
Flower	diameter	small

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Korgazell'	Flowering shoot, number of flowers few. Flower diameter, small. Petal, colour of spot on inner side, yellow.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
Unnamed seedling maternal parent	flower flowering habit	almost continuous	one flowering only
'Noaschnee'	plant growth habit	spreading	bushy
'Noaschnee'	flower shape, lower half	flat	concave

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Korstarnow'	'Korgazell'
<input type="checkbox"/> Plant: growth habit		bushy
<input type="checkbox"/> Plant: height		short to medium
<input type="checkbox"/> Plant: width		broad
<input type="checkbox"/> Young shoot: anthocyanin colouration		weak
<input type="checkbox"/> Young shoot: hue of anthocyanin colouration		bronze
<input type="checkbox"/> Prickles: presence		present
<input type="checkbox"/> Prickle: shape of lower side		deep concave to concave
<input type="checkbox"/> Short prickles: number		few to medium
<input type="checkbox"/> Long prickles: number		medium
<input type="checkbox"/> *Leaf: size		small
<input type="checkbox"/> Leaf: green colour		medium to dark
<input type="checkbox"/> *Leaf: glossiness of upper side		medium
<input type="checkbox"/> Leaflet: cross section		slight concave
<input type="checkbox"/> Leaflet: undulation of margin		weak
<input type="checkbox"/> Terminal leaflet: length of blade		short
<input type="checkbox"/> Terminal leaflet: width of blade		narrow
<input type="checkbox"/> Terminal leaflet: shape of base		obtuse

<input checked="" type="checkbox"/>	Flowering shoot: number of flowers	very many	few
<input type="checkbox"/>	Flower pedicel: number of hairs or prickles	few	
<input type="checkbox"/>	Flower bud: shape of longitudinal section	broad-ovate	
<input type="checkbox"/>	*Flower: type	semi-double	
<input type="checkbox"/>	Flower: number of petals	very few to few	
<input type="checkbox"/>	*Flower : diameter	small	small
<input type="checkbox"/>	Flower: view from above	irregularly round	
<input type="checkbox"/>	Flower: side view of upper part	flat	
<input type="checkbox"/>	Flower: side view of lower part	flat	
<input type="checkbox"/>	Flower: fragrance	weak	
<input type="checkbox"/>	Sepal: extensions	weak	
<input type="checkbox"/>	*Petal: size	small	
<input type="checkbox"/>	*Petal: colour of middle zone of inner side(RHS colour chart)	white, RHS 155C	
<input type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	white, RHS 155C	
<input type="checkbox"/>	*Petal: spot at base of inner side	present	present
<input type="checkbox"/>	*Petal: size of spot at base of inner side	very small	
<input checked="" type="checkbox"/>	*Petal: colour of spot at base of inner side (RHS colour chart)	greenish yellow, near RHS 1D	yellow, RHS 3C
<input type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	white, RHS 155C	
<input type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	white, RHS 155C	
<input type="checkbox"/>	*Petal: spot at base of outer side	present	
<input type="checkbox"/>	*Petal: size of spot at base of outer side	very small	
<input type="checkbox"/>	*Petal: colour of spot at base of outer side (RHS colour chart)	greenish yellow , near RHS 1D	
<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	
<input type="checkbox"/>	Petal: undulation of margin	medium	
<input type="checkbox"/>	Outer stamen: predominant colour of filament	white	
<input type="checkbox"/>	Seed vessel: size	small	
<input type="checkbox"/>	Hip: shape of longitudinal section	pear-shaped	
<input type="checkbox"/>	Time of beginning of: flowering	medium	
<input type="checkbox"/>	*Flowering: habit	almost continuous flowering	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Korstarnow’	‘Korgazell’
<input type="checkbox"/> Style: predominant colour	yellow	
<input type="checkbox"/> Stigma: height in relation to anthers	same level	

Statistical Table

Organ/Plant Part: Context	‘Korstarnow’	‘Korgazell’
<input type="checkbox"/> Terminal leaflet : width (mm)		
Mean	18.30	n/a
Std. Deviation	2.14	n/a
<input type="checkbox"/> Sepal: length (mm)		
Mean	15.31	n/a
Std. Deviation	1.52	n/a
<input type="checkbox"/> Terminal leaflet : length (mm)		
Mean	30.36	n/a
Std. Deviation	3.31	n/a
<input type="checkbox"/> Flower: diameter (mm)		
Mean	57.60	n/a
Std. Deviation	4.75	n/a
<input type="checkbox"/> Terminal leaflet petiolule: length (mm)		
Mean	9.96	n/a
Std. Deviation	0.59	n/a

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Switzerland	2004	Granted	‘Korstarnow’
Germany	2002	Granted	‘Korstarnow’
EU	2003	Granted	‘Korstarnow’

First sold in Germany in Nov 2003.

Description: **Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Details of Application

Application Number	2001/125
Variety Name	'Schetakup'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Poeme
Accepted Date	31 Jul 2001
Applicant	Piet Schreurs Holding B.V. Uithoorn, The Netherlands
Agent	Schreurs Australia (Pty) Ltd, Milsons Point, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	Raad v/h Kwekersrecht, Wageningen, The Netherlands
Overseas Data Reference Number	ROO 2568
Location	Leppington, NSW.
Descriptor	Rose (<i>Rosa</i>) (new) TG/11/8.
Period	Mar-Apr 2008.
Conditions	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Plants were on their own roots, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	Completely random selection from commercial beds.
Measurements	One per plant.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: un-named seed parent x un-named pollen parent, in a planned breeding program at De Kwakel, the Netherlands during the years 1994 to 1996. Both parents are non-commercial varieties within the breeding programme. Selection criteria: medium flower size, suitable commercial yield of flower stems, pink flower colour. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Flower	colour group	pink
Flower	type	double

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Saphir'	syn. TANrikas

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Schetakup'	'Saphir'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input checked="" type="checkbox"/> Plant: height	short	tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak to medium	
<input type="checkbox"/> Stem: number of prickles	few	
<input type="checkbox"/> Prickles: predominant colour	greenish	
<input type="checkbox"/> Leaf: size	small to medium	
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	
<input type="checkbox"/> *Leaf: glossiness of upper side	strong	strong
<input type="checkbox"/> *Leaflet: undulation of margin	medium	
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	
<input type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	
<input type="checkbox"/> Flowering shoot: flowering laterals	absent	
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	very few	
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	medium	few
<input type="checkbox"/> *Flower: colour group	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	
<input type="checkbox"/> Flower: density of petals	medium to dense	
<input type="checkbox"/> *Flower: diameter	small to medium	
<input type="checkbox"/> *Flower: shape	irregularly rounded	
<input type="checkbox"/> Flower: profile of upper part	flattened convex	

<input type="checkbox"/>	*Flower: profile of lower part	concave	
<input type="checkbox"/>	Flower: fragrance	absent or weak	
<input type="checkbox"/>	*Sepal: extensions	strong	
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	
<input type="checkbox"/>	*Petal: shape	obovate	
<input type="checkbox"/>	Petal: incisions	absent or very weak	
<input type="checkbox"/>	Petal: reflexing of margin	medium	
<input type="checkbox"/>	Petal: undulation	weak	
<input type="checkbox"/>	*Petal: size	small to medium	small to medium
<input type="checkbox"/>	*Petal: length	short to medium	short to medium
<input type="checkbox"/>	*Petal: width	medium	narrow to medium
<input type="checkbox"/>	*Petal: number of colours on inner side	one	
<input type="checkbox"/>	*Petal: intensity of colour	even	
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	54D	
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	
<input type="checkbox"/>	*Petal: size of basal spot on inner side	medium to large	
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	white	
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	54D	
<input type="checkbox"/>	Outer stamen: predominant colour of filament	white	
<input type="checkbox"/>	Seed vessel: size	small to medium	
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Israel	2001	Granted	'Schetakup'
South Korea	2002	Granted	'Schetakup'
Poland	2000	Surrendered	'Schetakup'
EU	1997	Granted	'Schetakup'

First sold in France in Jan 1998.

Description: **Ian Paananen**, Crop & Nursery Services, Central Coast, NSW

Details of Application

Application Number	2001/128
Variety Name	'Schosonne'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Poison
Accepted Date	31 Jul 2001
Applicant	Piet Schreurs Holding B.V. Uithoorn, The Netherlands
Agent	Schreurs Australia (Pty) Ltd, Milsons Point, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	Raadv/h Kwekersrecht, Wageningen, The Netherlands
Overseas Data Reference Number	ROO 2576
Location	Leppington, NSW.
Descriptor	Rose (<i>Rosa</i>) (new) TG/11/8.
Period	Mar – Apr 2008.
Conditions	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Plants were on their own roots, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	Completely random selection from commercial beds
Measurements	One per plant.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: un-named seed parent x un-named pollen parent, in a planned breeding program at De Kwakel, the Netherlands during the years 1994 to 1996. Both parents are non-commercial varieties within the breeding programme. Selection criteria: large flower size, suitable commercial yield of flower stems, pink flower colour. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Plant	height	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'First Red'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Schosonne'	'First Red'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak	weak to medium
<input type="checkbox"/> Stem: number of prickles	few	
<input type="checkbox"/> Prickles: predominant colour	reddish	
<input type="checkbox"/> Leaf: size	medium	
<input type="checkbox"/> Leaf: intensity of green colour	medium	
<input type="checkbox"/> Leaf: anthocyanin colouration	present	
<input type="checkbox"/> *Leaf: glossiness of upper side	strong	strong
<input type="checkbox"/> *Leaflet: undulation of margin	very weak to weak	
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	
<input type="checkbox"/> Flowering shoot: flowering laterals	present	
<input type="checkbox"/> Flowering shoot: number of flowering laterals	very few	
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	many	many
<input type="checkbox"/> *Flower: colour group	red purple	
<input type="checkbox"/> Flower: colour of the centre	pink	
<input type="checkbox"/> Flower: density of petals	medium	
<input type="checkbox"/> *Flower: diameter	medium	
<input type="checkbox"/> *Flower: shape	irregularly rounded	

<input type="checkbox"/>	Flower: profile of upper part	flat	flat
<input type="checkbox"/>	*Flower: profile of lower part	concave	
<input type="checkbox"/>	Flower: fragrance	medium	
<input type="checkbox"/>	*Sepal: extensions	strong	
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	
<input type="checkbox"/>	*Petal: shape	rounded	
<input type="checkbox"/>	Petal: incisions	weak	
<input checked="" type="checkbox"/>	Petal: reflexing of margin	medium	weak
<input type="checkbox"/>	Petal: undulation	weak	
<input checked="" type="checkbox"/>	*Petal: size	medium	large
<input type="checkbox"/>	*Petal: length	medium	
<input type="checkbox"/>	*Petal: width	medium	
<input type="checkbox"/>	*Petal: number of colours on inner side	one	
<input type="checkbox"/>	*Petal: intensity of colour	even	
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	63B	45A to 53C
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	very large	
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	63B	
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	red
<input type="checkbox"/>	Seed vessel: size	small to medium	medium
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	funnel-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Colombia	1999	Granted	'Schosonne'
Israel	1999	Granted	'Schosonne'
Japan	2001	Granted	'Schosonne'
South Korea	2002	Granted	'Schosonne'
Poland	2000	Surrendered	'Schosonne'
EU	1999	Granted	'Schosonne'
South Africa	2003	Applied	'Schosonne'

First sold in The Netherlands in Feb 1998.

Description: **Ian Paananen**, Crop & Nursery Services, Central Coast, NSW

Details of Application

Application Number	2007/305
Variety Name	'Fraser'
Genus Species	<i>Glycine max</i>
Common Name	Soybean
Synonym	Nil
Accepted Date	27 Nov 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT and Grains Research and Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Andrew James

Details of Comparative Trial

Location	Gatton, QLD.
Descriptor	Soya Bean (<i>Glycine max</i>) TG/80/6.
Period	Feb to Jun 2008.
Conditions	Trial was conducted in the fields of the CSIRO Cooper Laboratory within the grounds of the University of Queensland at Gatton, QLD. The field site was fully cultivated, fertilised with 100 kg/ha each of Sulphate of Potash and Superphosphate. Preplant application of Treflan was used to control weeds. Soil was formed into 1.5m beds. Plots were one meter in length and spaced at one meter intervals along the bed.
Trial Design	Each plot consisted of one metre row with approximately 30 plants. Plots were arranged in a randomised complete block design with four replicates.
Measurements	Days to flowering and maturity, leaf length and width on the terminal leaflet on the 8th fully expanded leaf on five plants, at maturity; total main stem node number on five plants, length of the main stem on five plants.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: the cross between 'Manark' and 'PKN' was made in the glasshouse of the Hermitage Research Station, Warwick, QLD, under the supervision of Dr John Rose of the QLD Department of Primary Industries. The seed parent 'Manark' is characterised by buff hilum colour and the pollen parent 'PKN' is characterised by grey hilum colour. Selection criteria: high yield, yellow hilum, lodging resistance, multiple disease resistance. Propagation: seed. Breeder: Andrew James, CSIRO Plant Industry, St Lucia, QLD.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar

Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Hypocotyl	anthocyanin colouration	absent
Plant	growth type	determinate
Plant	growth habit	erect/semi erect
Plant	colour of hairs on the main stem	grey
Plant	height	medium/tall
Flower	colour	white
Pod	intensity of brown colour	light
Seed	shape	spherical flattened
Seed	ground colour of testa	yellow
Seed	hilum colour	yellow
Plant	time of beginning of flowering	late/medium to late
Plant	time of maturity	late/ medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Warrigal'	similar in most attributes except leaf shape.
'Ivory'	similar in most attributes except leaf shape.
'Bunya'	similar in most traits except leaf shape and seed size.
'Oakey'	similar for most traits except seed size.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Manark'	Seed hilum colour	yellow	light brown
'Manark'	Leaf shape of lateral leaflet	lanceolate	pointed ovate
'Cawana'	seed hilum colour	yellow	grey
'Cawana'	Leaf shape of lateral leaflet	lanceolate	pointed ovate
'Centaur'	Seed hilum colour	yellow	light brown
'Centaur'	Leaf shape of lateral leaflet	lanceolate	pointed ovate
'Davis'	Seed hilum colour	yellow	light brown
'Davis'	Leaf shape of lateral leaflet	lanceolate	pointed ovate
'Dragon'	Seed hilum colour	yellow	light brown
'Dragon'	Leaf shape of lateral leaflet	lanceolate	pointed ovate
'Soy 791'	Seed hilum colour	yellow	light brown
'Soy 791'	Leaf shape of lateral leaflet	lanceolate	pointed ovate
'A6785'	Seed hilum colour	yellow	light brown
'A6785'	Leaf shape of lateral leaflet	lanceolate	pointed ovate
'Stuart'	Plant colour of hairs of main stem	grey	tawney
'Stuart'	Plant growth type	determinate	indeterminate
'Cowrie'	Leaf shape of lateral leaflet	lanceolate	pointed ovate
'Cowrie'	Plant time of beginning of flowering	late	early to medium
'Cowrie'	Plant time of maturity	late	early to medium
'Djakal'	Seed hilum colour	yellow	light brown
'Djakal'	Plant time of beginning of flowering	late	early
'Snowy'	Plant growth type	determinate	indeterminate
'Snowy'	Plant time of beginning of flowering	late	early

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Fraser'	'Bunya'	'Ivory'	'Oakey'	'Warrigal'
<input type="checkbox"/> *Hypocotyl: anthocyanin colouration	absent	absent	absent	absent	absent
<input type="checkbox"/> *Plant: growth type	determinate	determinate	determinate	determinate	determinate
<input type="checkbox"/> Plant: growth habit	erect	erect	erect	erect to semi- erect	erect
<input type="checkbox"/> *Plant: colour of hairs of main stem	grey	grey	grey	grey	grey
<input type="checkbox"/> *Plant: height	medium to tall	medium to tall	medium to tall	tall	tall
<input type="checkbox"/> Leaf: blistering	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: shape of lateral leaflet	lanceolate	rounded ovate	pointed ovate	lanceolate	pointed ovate
<input checked="" type="checkbox"/> Leaf: size of lateral leaflet	medium to large	large to very large	medium	small to medium	medium
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium	light	medium	medium	medium
<input type="checkbox"/> *Flower: colour	white	white	white	white	white
<input type="checkbox"/> Pod: intensity of brown colour	light	light	light	light	light
<input type="checkbox"/> Seed: size	medium	large to very large	medium	very small	medium
<input type="checkbox"/> Seed: shape	spherical flattened	spherical flattened	spherical flattened	spherical flattened	spherical flattened
<input type="checkbox"/> *Seed: ground colour of testa	yellow	yellow	yellow	yellow	yellow
<input type="checkbox"/> *Seed: hilum colour	yellow	yellow	yellow	yellow	yellow
<input type="checkbox"/> Seed: colour of hilum funicle	same as testasame as testa	same as testa	same as testa	same as testa	same as testa
<input type="checkbox"/> *Plant: time of beginning of flowering	late	late	medium to late	late	late
<input type="checkbox"/> *Plant: time of maturity	late	late	medium to late	late	late

Statistical Table

Organ/Plant Part: Context	'Fraser'	'Bunya'	'Ivory'	'Oakey'	'Warrigal'
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☑ Plant: time of beginning of flowering (days)

Mean	50.00	60.00	48.25	61.50	54.75
Std. Deviation	0.00	0.01	0.50	0.58	0.50
LSD/sig	0.50	P≤0.01	P≤0.01	P≤0.01	P≤0.01

Note: days from sowing until 50% of plants within a replicate possess an open flower

☑ Plant: time of maturity (days)

Mean	115.00	150.50	116.50	133.00	122.75
Std. Deviation	0.80	1.91	2.38	1.41	0.96
LSD/sig	0.80	P≤0.01	ns	P≤0.01	P≤0.01

Note: days from sowing until 95% of pods on plants within a replicate have changed from green to yellow or brown

☑ Plant: number of main stem nodes (count)

Mean	11.05	13.30	11.50	15.45	52.40
Std. Deviation	0.30	0.62	0.26	3.78	0.35
LSD/sig	0.58	P≤0.01	ns	P≤0.01	P≤0.01

Note: number of main stem nodes at maturity, average of five plants within a replicate

☑ Plant: main stem length (cm)

Mean	59.20	65.90	48.30	60.10	63.40
Std. Deviation	3.78	3.36	2.01	7.82	2.69
LSD/sig	6.65	ns	P≤0.01	ns	ns

Note: length of main stem at maturity, average of five plants within a replicate

☑ Leaf: 8th main stem leaf, terminal leaflet length (cm)

Mean	152.65	137.10	120.95	117.10	125.30
Std. Deviation	3.70	4.87	3.37	1.32	1.95
LSD/sig	5.96	P≤0.01	P≤0.01	P≤0.01	P≤0.01

Note: length of terminal leaflet at 8th node

☑ Leaf: 8th main stem leaf, terminal leaflet width (cm)

Mean	51.80	88.25	83.00	42.30	86.50
Std. Deviation	1.86	9.64	3.45	0.93	2.16
LSD/sig	6.80	P≤0.01	P≤0.01	P≤0.01	P≤0.01

Note: width of terminal leaflet at 8th node

☑ Leaf: leaflet width/length ratio of 8th main stem leaf terminal leaflet

Mean	0.33	0.63	0.69	0.36	0.69
Std. Deviation	0.01	0.06	0.03	0.01	0.01
LSD/sig	0.46	P≤0.01	P≤0.01	ns	P≤0.01

Note: measure width and length of terminal leaflet at 8th node and calculate ratio

Prior Applications and Sales

Nil.

Description: **Andrew James**, CSIRO Plant Industry, St. Lucia QLD.

Details of Application

Application Number	2007/160
Variety Name	'Bonaire'
Genus Species	<i>Fragaria x ananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	7 Aug 2007
Applicant	Driscoll Strawberry Associates, Inc, Watsonville, CA, USA
Agent	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing	US Patent & Trademark Office (USPTO)
Authority	
Overseas Data	PP 18041 P3 (Granted 9 Sep 2007)
Reference Number	
Location	Hillsborough County Florida USA and verified at Cleveland, QLD, Australia.
Descriptor	Strawberry (<i>Fragaria</i>) TG/22/9.
Period	2000-2005.
Conditions	Observations and measurements were taken from plants and comparators grown in plastic covered, raised beds side by side in full sunlight in Hillsborough County Florida USA in 2004-2005. Observation plots were planted in Mar 2008 in Cleveland, QLD, Australia.
Trial Design	Plants of 'Bonaire' and comparators 'Driscoll Malibu' (US PP16070) and 'Driscoll Osceola' (US PP15752) were asexually multiplied in a plant nursery in McArthur, California and planted in Hillsborough County, Florida in 2004. Plants were held in cold storage prior to planting (standard commercial practice) in Hillsborough County, Florida USA in Oct 2004 in raised beds side by side with comparators under conditions typical of commercial strawberry production in Florida.
Measurements	Observations and measurements were taken from plants and fruit grown in Hillsborough County, Florida USA during 2004-2005 harvest. Characteristics of plant, flower and fruit were recorded using UPOV guidelines and terminology and colours are described and the most similar colour designations are provided from the Royal Horticultural Society (RHS) Charts.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: The new variety named 'Bonaire' originated as a result of a controlled cross pollination between seed parent 'Driscoll Marathon' (US PP 16070) and pollen parent 'Driscoll Madeira' (US PP 14109) in an ongoing breeding program and was discovered as a seedling in Hillsborough County, Florida USA in Dec 2000. The original seedling was asexually propagated by stolons and propagules were further tested for 5 years. Breeders: Kristie L. Gilford, Dover Florida USA employee of Driscoll Strawberry Associates Inc, Watsonville, California USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Terminal leaflet	shape at base	rounded
Flower	diameter of calyx	larger
Flower	spacing of petals	overlapping
Fruit	glossiness	strong
Fruit	insertion of calyx	level
Petiole	attitude of hairs	strongly outwards
Fruit	adherence of calyx	strong
Fruit	external colour	red
Fruit	distribution of flesh colour	marginal and central
Plant	type of bearing	partially remontant
Fruiting truss	attitude at first picking	prostrate
Fruit	difference in shapes	slight

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Driscoll Malibu'	US PP 16070 is considered similar to 'Bonaire'.
'Driscoll Osceola'	US PP 15752 is considered similar to 'Bonaire'.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Driscoll Marathon'	Plant vigour	medium	weak	Seed parent not available for comparison
'Driscoll Madiera'	Fruit external colour	red	dark red	Pollen parent not available for side by side comparison

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Bonaire'	'Driscoll Malibu'	'Driscoll Osceola'
<input checked="" type="checkbox"/> Plant: habit	flat globose	globose	flat globose
<input type="checkbox"/> Plant: density	medium	medium	open to medium
<input type="checkbox"/> Plant: vigour	medium	weak to medium	medium
<input checked="" type="checkbox"/> Leaf: colour of upper side	medium green	light green	medium green
<input checked="" type="checkbox"/> Leaf: shape in cross section	strongly concave	slightly concave to flat	strongly concave to slightly concave
<input checked="" type="checkbox"/> *Leaf: blistering	weak	medium	medium
<input checked="" type="checkbox"/> *Leaf: glossiness	medium	weak	medium
<input checked="" type="checkbox"/> *Terminal leaflet: length/width ratio	as long as broad	as long as broad	broader than long
<input type="checkbox"/> *Terminal leaflet: shape of base	rounded	rounded	rounded
<input checked="" type="checkbox"/> Terminal leaflet: shape of incisions of margin	serrate	crenate	serrate

<input type="checkbox"/>	Petiole: attitude of hairs	strongly outwards	strongly outwards	strongly outwards
<input checked="" type="checkbox"/>	Stipule: anthocyanin colouration	strong	weak to medium	weak to medium
<input checked="" type="checkbox"/>	*Stolons: number	medium to many	medium	many to very many
<input checked="" type="checkbox"/>	Stolon: anthocyanin colouration	medium to strong	strong	strong to very strong
<input checked="" type="checkbox"/>	Stolon: pubescence	medium	medium	strong to very strong
<input checked="" type="checkbox"/>	*Inflorescence: position relative to foliage	level with	level with	above
<input type="checkbox"/>	Flower: size	large	large	large to very large
<input type="checkbox"/>	*Flower: size of calyx	larger	larger	larger
<input type="checkbox"/>	*Primary flower: relative position of petals	overlapping	overlapping	overlapping
<input checked="" type="checkbox"/>	Petal: length/width ratio	broader than long	as long as broad	as long as broad
<input checked="" type="checkbox"/>	*Fruit: ratio of length/width	much longer than broad	much longer than broad	slightly longer than broad
<input type="checkbox"/>	*Fruit: size	large to very large	large	large
<input checked="" type="checkbox"/>	*Fruit: predominant shape	conical	conical	cordiform
<input type="checkbox"/>	Fruit: difference in shapes between primary and secondary fruits	slight	slight	slight
<input type="checkbox"/>	Fruit: band without achenes	very narrow to narrow	absent or very narrow	very narrow to narrow
<input type="checkbox"/>	Fruit: unevenness of surface	weak	weak	weak
<input type="checkbox"/>	*Fruit: colour	red	red	red
<input type="checkbox"/>	Fruit: evenness of colour	slightly uneven	slightly uneven	slightly uneven
<input type="checkbox"/>	Fruit: glossiness	strong	strong	strong
<input checked="" type="checkbox"/>	*Fruit: insertion of achenes	level with surface	below surface	below surface
<input type="checkbox"/>	Fruit: insertion of calyx	with fruit level	with fruit level	with fruit level
<input checked="" type="checkbox"/>	Fruit: attitude of the calyx segments	reflexed	reflexed	spreading
<input checked="" type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	same size	same size	slightly larger
<input type="checkbox"/>	Fruit: adherence of calyx	strong	strong	strong
<input type="checkbox"/>	Fruit: firmness	soft	soft to medium	soft to medium
<input checked="" type="checkbox"/>	Fruit: colour of flesh	light red	orange red	orange red
<input checked="" type="checkbox"/>	Fruit: hollow centre	weakly expressed	absent or very weakly expressed	weakly expressed
<input type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	marginal and central	marginal and central

<input checked="" type="checkbox"/>	*Time of: flowering	very early to early	medium	early to medium
<input checked="" type="checkbox"/>	Time of: ripening	early	medium	medium
<input type="checkbox"/>	*Type of: bearing	partially remontant	partially remontant	partially remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Bonaire'	'Driscoll Malibu'	'Driscoll Osceola'
<input checked="" type="checkbox"/> Fruiting truss: length	short	long	short
<input type="checkbox"/> Fruiting truss: attitude at first picking	prostrate	prostrate	prostrate

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Granted	'Driscoll Bonaire'
EU	2006	Applied	'Driscoll Bonaire'

Prior sale nil.

Description: **Margaret Zorin** 167 Collingwood Road Birkdale Qld 4159 Australia

Details of Application

Application Number	2006/071
Variety Name	'Driscoll Atlantis'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	30 May 2006
Applicant	Driscoll Strawberry Associates, Inc, Watsonville, CA, USA
Agent	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing	US Patent & Trademark Office (USPTO).
Authority	
Overseas Data	PP16475 Granted April 2006.
Reference Number	
Location	Hillsborough County, Florida USA and verified Cleveland, QLD, Australia.
Descriptor	Strawberry (<i>Fragaria</i>) TG/22/9.
Period	1999-2004.
Conditions	The variety was asexually propagated in a plant nursery in Shasta County, California USA and transplanted into raised beds in fields under standard commercial strawberry production criteria in Hillsborough County, Florida USA for 3 successive years to confirm that the combination of traits disclosed herein which characterise the new variety 'Driscoll Atlantis' are fixed and retain trueness to type through successive generations of asexual reproduction. Observation plants were grown in Cleveland, Queensland Australia.
Trial Design	'Driscoll Atlantis' and comparators 'Biscayne' and 'Key Largo' were planted in side by side raised beds in Hillsborough County, Florida USA in October 2003. Plants of each variety were asexually propagated from stolons in McArthur, California, USA and were refrigerated and transported to Hillsborough County, Florida USA for standard commercial winter strawberry production. Fruits were harvested twice weekly from November 2003 to March 2004. Measurements and observations were made in January 2004.
Measurements	Observations of plants, flowers and fruit were made according to UPOV guidelines and terminology. Colour designations and descriptions and other phenotypic descriptions may deviate from the stated values depending on variations in environmental, seasonal, climatic and cultural conditions. Colours are described and the most similar colour designations are provided from the Royal Horticultural Society (R.H.S.) Colour Charts.
RHS Chart - edition	2000.

Origin and Breeding

Controlled pollination: The new variety ‘Driscoll Atlantis’ originated as a result of a controlled cross pollination between the strawberry plants ‘88E94’ (unpatented seed parent) and ‘Mirador’ (US Plant Patent PP11279 as pollen parent) in an ongoing breeding program and was discovered as a seedling in Hillsborough County, Florida USA in 1999. Breeders: Bruce D. Mowrey and Kristie L. Gilford Hillsborough County, Florida, USA who were and remain employees of Driscoll Strawberry Associates Inc. Watsonville, California, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	colour of upper leaf	medium green
Fruit	external colour	red
Fruit	length width ratio	much longer than broad
Fruit	predominant shape	conical
Stolon	pubescence	medium
Inflorescence	spacing of petals	overlapping
Fruit	difference in shapes between primary and secondary fruits	slight
Fruit	evenness of colour	even
Fruit	glossiness	strong
Calyx	adherence	strong
Fruit	firmness of flesh	firm
Fruit	distribution of flesh colour	marginal and central
Fruit	type of bearing	partially remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Biscayne’	US Plant Patent PP 12186; ‘Biscayne’ is a variety grown in Florida, USA
‘Key Largo’	US Plant Patent PP 8649; ‘Key Largo’ is a variety similar to ‘Driscoll Atlantis’ grown extensively in Florida, USA.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
Mirador’	Plant type of bearing	partially remontant	everbearing	PP11279

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Driscoll Atlantis’	‘Biscayne’	‘Key Largo’
<input checked="" type="checkbox"/> Plant: habit	flat globose	flat globose	globose
<input checked="" type="checkbox"/> Plant: density	medium to dense	open to medium	medium
<input checked="" type="checkbox"/> Plant: vigour	weak to medium	strong	medium
<input type="checkbox"/> Leaf: colour of upper side	medium green	medium green	medium green
<input checked="" type="checkbox"/> Leaf: shape in cross section	slightly concave to flat	strongly concave	slightly concave

<input checked="" type="checkbox"/>	*Leaf: blistering	medium	weak	weak
<input checked="" type="checkbox"/>	*Leaf: glossiness	weak	medium	weak to medium
<input checked="" type="checkbox"/>	*Terminal leaflet: length/width ratio	broader than long	broader than long	longer than broad
<input checked="" type="checkbox"/>	*Terminal leaflet: shape of base	obtuse	rounded	acute
<input checked="" type="checkbox"/>	Terminal leaflet: shape of incisions of margin	serrate	crenate	crenate
<input checked="" type="checkbox"/>	Petiole: attitude of hairs	strongly outwards	strongly outwards	upwards
<input type="checkbox"/>	Stipule: anthocyanin colouration	weak to medium		
<input type="checkbox"/>	*Stolons: number	medium	medium to many	medium
<input type="checkbox"/>	Stolon: anthocyanin colouration	medium	medium to strong	
<input type="checkbox"/>	Stolon: pubescence	medium	medium	
<input checked="" type="checkbox"/>	*Inflorescence: position relative to foliage	above	level with	above
<input checked="" type="checkbox"/>	Flower: size	large to very large	medium to large	large
<input type="checkbox"/>	*Flower: size of calyx	larger	larger	larger
<input type="checkbox"/>	*Primary flower: relative position of petals	overlapping	overlapping	overlapping
<input checked="" type="checkbox"/>	Petal: length/width ratio	as long as broad	broader than long	much longer than broad
<input checked="" type="checkbox"/>	*Fruit: ratio of length/width	much longer than broad	slightly longer than broad	much longer than broad
<input type="checkbox"/>	*Fruit: size	large	large to very large	large
<input type="checkbox"/>	*Fruit: predominant shape	conical	conical	conical
<input type="checkbox"/>	Fruit: difference in shapes between primary and secondary fruits	slight	slight	slight
<input checked="" type="checkbox"/>	Fruit: band without achenes	very narrow to narrow	narrow	narrow to medium
<input type="checkbox"/>	Fruit: unevenness of surface	weak	weak	weak
<input type="checkbox"/>	*Fruit: colour	red	red	red
<input type="checkbox"/>	Fruit: evenness of colour	even	even	even
<input checked="" type="checkbox"/>	Fruit: glossiness	strong	strong	medium
<input checked="" type="checkbox"/>	*Fruit: insertion of achenes	level with surface	level with surface	above surface
<input checked="" type="checkbox"/>	Fruit: insertion of calyx	with fruit level	with fruit level	above fruit
<input checked="" type="checkbox"/>	Fruit: attitude of the calyx segments	spreading	spreading	reflexed
<input checked="" type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	slightly larger	slightly larger	much larger

<input type="checkbox"/>	Fruit: adherence of calyx	strong	strong	strong
<input type="checkbox"/>	Fruit: firmness	firm	firm	medium to firm
<input checked="" type="checkbox"/>	Fruit: colour of flesh	dark red	medium red	medium red
<input checked="" type="checkbox"/>	Fruit: hollow centre	weakly expressed	strongly expressed	weakly expressed
<input type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	marginal and central	marginal and central
<input checked="" type="checkbox"/>	*Time of: flowering	very early to early	early to medium	medium to late
<input checked="" type="checkbox"/>	Time of: ripening	early	medium to late	late
<input type="checkbox"/>	*Type of: bearing	partially remontant	partially remontant	partially remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Driscoll Atlantis'	'Biscayne'	'Key Largo'
<input checked="" type="checkbox"/> Fruiting truss: length	long	short	long
<input checked="" type="checkbox"/> Fruiting truss: attitude at first picking	prostrate	prostrate	semi-erect

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2005	Granted	'Driscoll Atlantis'
USA	2004	Applied	'Driscoll Atlantis'

Prior sale nil.

Description: **Margaret Zorin** 167 Collingwood Road Birkdale Qld 4159.

Details of Application

Application Number	2006/073
Variety Name	'Driscoll Destin'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	30 May 2006
Applicant	Driscoll Strawberry Associates, Inc, Watsonville, CA, USA
Agent	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing Authority	US Patent & Trademark Office (USPTO)
Overseas Data Reference	PP16299 Granted February 2006
Number	
Location	Hillsborough County, Florida USA and verified Cleveland, Queensland Australia.
Descriptor	Strawberry (<i>Fragaria</i>) TG/22/9.
Period	2000-2004.
Conditions	This new variety 'Driscoll Destin' was asexually propagated in McArthur, California USA and transported and held in refrigerated storage until planting in Hillsborough County, Florida USA for 3 successive generations of asexual reproduction to confirm stability and uniformity of traits. Plants were grown in raised beds of soil under conditions typical of commercial strawberry production in central Florida USA. Fruits were harvested twice weekly from November to March.
Trial Design	Plants of 'Driscoll Destin', 'Biscayne' and 'Key Largo' were grown in side by side comparison in 2003-2004 winter strawberry season in full sunlight.
Measurements	Detailed descriptions of the new variety 'Driscoll Destin' were based on observations taken of plants and fruit grown in Hillsborough County, Florida USA. This description is in accordance with UPOV guidelines and terminology. Colour designations, colour descriptions and other phenotypic descriptions may deviate from the stated values depending on variations in environmental, seasonal, climatic and cultural conditions. Colours are described and the most similar colour colour designations are provided from the Royal Horticultural Society (R.H.S.) Colour Charts.
RHS Chart - edition	2000

Origin and Breeding

Controlled pollination: The new variety ‘Driscoll Destin’ originated as a result of a controlled cross pollination between the strawberry plants ‘73D144’ (unpatented variety) seed parent and ‘88E94’ (unpatented variety) as pollen parent in an ongoing breeding program and was discovered as a seedling in Monterey County, California USA in 2000. The original seedling of the new variety was asexually propagated by stolons and transplanted in to a field in Monterey County, California USA where the variety was identified and selected for further evaluation. ‘Driscoll Destin’ was subsequently asexually propagated and tested in Hillsborough County Florida USA for three successive years. Breeder: Kristie L. Gilford (Dover, Florida USA), Bruce D. Mowrey (Watsonville, California USA), and JoAnne Cross (Salinas, California USA) who were and remain employees of Driscoll Strawberry Associates Inc, Watsonville, California USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Stolon	pubescence	medium
Flower	size of calyx in relation to fruit diameter	larger
Fruit	shape	conical
Fruit	distribution of red colour of flesh	marginal and central
Fruit	unevenness of surface	weak
Fruit	type of bearing	partially remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Biscayne’	US Plant Patent 12186; ‘Biscayne’ is a variety grown in Florida USA.
‘Key Largo’	US Plant Patent 8649; ‘Key Largo’ is a variety grown extensively in Florida USA

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Driscoll Destin’	‘Biscayne’	‘Key Largo’
<input checked="" type="checkbox"/> Plant: habit	flat	flat globose	globose
<input checked="" type="checkbox"/> Plant: density	dense	open to medium	medium
<input checked="" type="checkbox"/> Plant: vigour	strong	strong	weak to medium
<input checked="" type="checkbox"/> Leaf: colour of upper side	dark green	medium green	medium green
<input type="checkbox"/> Leaf: shape in cross section	strongly concave to slightly concave	strongly concave	slightly concave
<input checked="" type="checkbox"/> *Leaf: blistering	very strong	weak	weak
<input checked="" type="checkbox"/> *Leaf: glossiness	weak	medium	weak to medium
<input checked="" type="checkbox"/> *Terminal leaflet: length/width ratio	as long as broad	broader than long	longer than broad
<input checked="" type="checkbox"/> *Terminal leaflet: shape of base	obtuse	rounded	acute

<input checked="" type="checkbox"/>	Terminal leaflet: shape of incisions of margin	serrate	crenate	crenate
<input checked="" type="checkbox"/>	Petiole: attitude of hairs	strongly outwards	slightly outwards	upwards
<input type="checkbox"/>	Stipule: anthocyanin colouration	medium		
<input checked="" type="checkbox"/>	*Stolons: number	few to medium	medium to many	medium
<input type="checkbox"/>	Stolon: anthocyanin colouration	medium to strong	medium to strong	
<input type="checkbox"/>	Stolon: pubescence	medium	medium	
<input checked="" type="checkbox"/>	*Inflorescence: position relative to foliage	beneath	level with	above
<input checked="" type="checkbox"/>	Flower: size	large to very large	medium to large	large
<input checked="" type="checkbox"/>	*Flower: size of calyx	larger	same size	larger
<input checked="" type="checkbox"/>	*Primary flower: relative position of petals	overlapping	overlapping	touching
<input checked="" type="checkbox"/>	Petal: length/width ratio	longer than broad	broader than long	longer than broad
<input checked="" type="checkbox"/>	*Fruit: ratio of length/width	much longer than broad	slightly longer than broad	much longer than broad
<input type="checkbox"/>	*Fruit: size	large to very large	large to very large	large
<input type="checkbox"/>	*Fruit: predominant shape	conical	conical	conical
<input checked="" type="checkbox"/>	Fruit: difference in shapes between primary and secondary fruits	moderate	slight	slight
<input checked="" type="checkbox"/>	Fruit: band without achenes	medium	narrow	narrow to medium
<input type="checkbox"/>	Fruit: unevenness of surface	weak	weak	weak
<input checked="" type="checkbox"/>	*Fruit: colour	orange red	red	red
<input checked="" type="checkbox"/>	Fruit: evenness of colour	uneven	slightly uneven	even
<input checked="" type="checkbox"/>	Fruit: glossiness	strong	strong	medium
<input checked="" type="checkbox"/>	*Fruit: insertion of achenes	level with surface	level with surface	above surface
<input checked="" type="checkbox"/>	Fruit: insertion of calyx	with fruit level	with fruit level	above fruit
<input checked="" type="checkbox"/>	Fruit: attitude of the calyx segments	spreading	spreading	reflexed
<input checked="" type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	same size	slightly larger	much larger
<input type="checkbox"/>	Fruit: adherence of calyx	medium to strong	strong	strong
<input type="checkbox"/>	Fruit: firmness	medium to firm	firm	medium to firm
<input checked="" type="checkbox"/>	Fruit: colour of flesh	orange red	medium red	medium red
<input checked="" type="checkbox"/>	Fruit: hollow centre	weakly expressed	strongly expressed	weakly expressed
<input type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	marginal and central	marginal and central

<input checked="" type="checkbox"/>	*Time of: flowering	medium to late	early to medium	late
<input type="checkbox"/>	Time of: ripening	medium to late	medium to late	late
<input type="checkbox"/>	*Type of: bearing	partially remontant	partially remontant	partially remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Driscoll Destin'	'Biscayne'	'Key Largo'
<input checked="" type="checkbox"/> Fruiting truss: length	short	short	long
<input checked="" type="checkbox"/> Fruiting truss: attitude at first picking	prostrate	prostrate	semi-erect

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2005	Applied	'Driscoll Destin'
USA	2004	Granted	'Driscoll Destin'

Prior sale nil.

Description: **Margaret Zorin** 167 Collingwood Road Birkdale Q4159

Details of Application

Application Number	2006/077
Variety Name	'Driscoll Sausalito'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	30 May 2006
Applicant	Driscoll Strawberry Associates, Inc, Watsonville, CA, USA
Agent	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing	US Patent & Trademark Office (USPTO)
Authority	
Overseas Data	PP18040 Granted September 2007
Reference Number	
Location	Monterey County, California, USA.
Descriptor	Strawberry (<i>Fragaria</i>) TG/22/9.
Period	2000-2005.
Conditions	The original seedling of the new variety 'Driscoll Sausalito' was asexually propagated by stolons in a plant nursery in Shasta County, California, USA. Propagules were transplanted into the field for further testing for 5 years in Monterey County, California, USA.
Trial Design	Observations and measurements were taken from plants and fruit grown in Monterey County, California, USA from 'Driscoll Sausalito', 'Driscoll Lanai' and 'San Juan' planted in raised beds side by side under standard commercial strawberry production in 2004 and measurements and observations were made in Apr 2005. An observation trial was planted in Cleveland, QLD, Australia in Mar 2008 and fruited in Jul 2008.
Measurements	Observations and measurements were taken using UPOV guidelines and terminology for plant, flowers and fruit. Colours are described and the most similar colour designations are provided from the Royal Horticultural Society colour charts (R.H.S. Charts).
RHS Chart - edition	2000.

Origin and Breeding

Controlled pollination: The new variety originated as a result of a controlled cross between the strawberry plants '14C185' (seed parent) an unpatented breeding line and pollen parent 'San Juan' (US Plant Patent PP12899) in an ongoing breeding program. The original seedling of the new variety 'Driscoll Sausalito' was discovered in Monterey County, California, USA and was further asexually propagated by stolons in a nursery in Shasta County, California, USA. Breeder: Bruce D. Mowrey, Larry T. Kodama, JoAnne Coss, and Michael Ferguson who are all employees of Driscoll Strawberry Associates Inc., Watsonville, California, USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	insertion of achenes	level with surface
Fruit	insertion of calyx	level
Fruit	attitude of calyx segments	spreading
Fruit	adherence of calyx	strong
Fruit	distribution of colour	marginal and central
Attitude	at first picking	prostrate
Terminal leaflet	shape of base	rounded
Flower	spacing of petals	overlapping
Fruit	type of bearing	partially remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Driscoll Lanai'	US Plant Patent PP15145
'San Juan'	US Plant Patent PP12899 pollen parent

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Driscoll Sausalito'	'Driscoll Lanai'	'San Juan'
<input checked="" type="checkbox"/> Plant: habit	flat	flat	globose
<input checked="" type="checkbox"/> Plant: density	medium	open	medium
<input type="checkbox"/> Plant: vigour	weak to medium	medium	medium
<input checked="" type="checkbox"/> Leaf: colour of upper side	medium green	medium green	dark green
<input checked="" type="checkbox"/> Leaf: shape in cross section	strongly concave	slightly concave to flat	flat to slightly convex
<input type="checkbox"/> *Leaf: blistering	medium	medium	medium to strong
<input type="checkbox"/> *Leaf: glossiness	weak	weak	weak to medium
<input checked="" type="checkbox"/> *Terminal leaflet: length/width ratio	longer than broad	as long as broad	as long as broad
<input type="checkbox"/> *Terminal leaflet: shape of base	rounded	rounded	rounded
<input checked="" type="checkbox"/> Terminal leaflet: shape of incisions of margin	crenate	serrate	crenate
<input checked="" type="checkbox"/> Petiole: attitude of hairs	strongly outwards	slightly outwards	slightly outwards
<input checked="" type="checkbox"/> Stipule: anthocyanin colouration	medium	strong	strong
<input checked="" type="checkbox"/> Stolon: anthocyanin colouration	very strong	strong	strong
<input checked="" type="checkbox"/> Stolon: pubescence	very weak	strong to very strong	medium
<input checked="" type="checkbox"/> *Inflorescence: position relative to foliage	beneath	level with	beneath
<input checked="" type="checkbox"/> Flower: size	large to very large	medium	large to very large
<input type="checkbox"/> *Flower: size of calyx	larger	larger	larger
<input type="checkbox"/> *Primary flower: relative position of petals	overlapping	overlapping	overlapping
<input checked="" type="checkbox"/> Petal: length/width ratio	longer than broad	as long as broad	broader than long

<input checked="" type="checkbox"/>	*Fruit: ratio of length/width	slightly longer than broad	slightly broader than long	slightly longer than broad
<input type="checkbox"/>	*Fruit: size	large	large	large to very large
<input checked="" type="checkbox"/>	*Fruit: predominant shape	conical	conical	almost cylindrical
<input type="checkbox"/>	Fruit: difference in shapes between primary and secondary fruits	slight	slight	slight to moderate
<input checked="" type="checkbox"/>	Fruit: band without achenes	medium	narrow to medium	narrow
<input checked="" type="checkbox"/>	Fruit: unevenness of surface	weak	absent or very weak	weak
<input checked="" type="checkbox"/>	*Fruit: colour	orange red	orange red	dark red
<input checked="" type="checkbox"/>	Fruit: evenness of colour	slightly uneven	even	slightly uneven
<input type="checkbox"/>	Fruit: glossiness	strong	medium to strong	strong to very strong
<input type="checkbox"/>	*Fruit: insertion of achenes	level with surface	level with surface	level with surface
<input type="checkbox"/>	Fruit: insertion of calyx	with fruit level	with fruit level	with fruit level
<input type="checkbox"/>	Fruit: attitude of the calyx segments	spreading	spreading	spreading
<input checked="" type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	same size	much smaller	same size
<input type="checkbox"/>	Fruit: adherence of calyx	strong	strong	strong
<input checked="" type="checkbox"/>	Fruit: firmness	medium	soft to medium	firm
<input checked="" type="checkbox"/>	Fruit: colour of flesh	whitish	orange red	light red
<input checked="" type="checkbox"/>	Fruit: hollow centre	absent or very weakly expressed	weakly expressed	weakly expressed
<input type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	marginal and central	marginal and central
<input type="checkbox"/>	*Time of: flowering	medium	early to medium	early to medium
<input checked="" type="checkbox"/>	Time of: ripening	medium to late	early to medium	medium
<input type="checkbox"/>	*Type of: bearing	partially remontant	partially remontant	partially remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Driscoll Sausalito’	‘Driscoll Lanai’	‘San Juan’
<input type="checkbox"/> Fruiting truss: attitude at first picking	prostrate	prostrate	prostrate

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2006	Applied	‘Driscoll Sausalito’
USA	2005	Granted	‘Driscoll Sausalito’

Prior sale nil.

Description: **Margaret Zorin** 167 Collingwood Road, Birkdale Q4159

Details of Application

Application Number	2008/279
Variety Name	'DrisStrawOne'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	3 Oct 2008
Applicant	Driscoll Strawberry Associates, Inc, Watsonville, CA, USA
Agent	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing Authority	US Patent & Trademark Office (USPTO)
Overseas Data Reference Number	PP 18458 Granted 22 January 2008
Location	Ventura County, California, USA and verified in Cleveland, Queensland Australia 2008.
Descriptor Period	Strawberry (<i>Fragaria</i>) TG/22/9. 2002-2006.
Conditions	Grown under standard full sunlight commercial strawberry production conditions in Ventura County, California USA.
Trial Design	Plants were asexually propagated by stolons at a nursery in Shasta County, California USA. Plants of 'DrisStrawOne' 'Driscoll El Capitan' and 'Driscoll Agoura' were planted in raised beds side by side for comparison in Ventura County California USA in 2006.
Measurements	Observations were taken in accordance with UPOV Guidelines during the 2006 growing season. The description is in accordance with UPOV terminology. Colour designations, colour descriptions, and other phenotypical descriptions may deviate from the stated values and descriptions depending upon variation in environmental, seasonal, climatic and cultural conditions. Colour terminology follows the Royal Horticultural Society Colour Chart, London.
RHS Chart - edition	2000.

Origin and Breeding

Controlled pollination: The new strawberry variety designated 'DrisStrawOne' originated from a controlled cross pollination between 'Driscoll El Capitan' (US PP14005) and 'Driscoll Agoura' (US PP15731). 'DrisStrawOne' was selected as a seedling and was asexually propagated by stolons and underwent further evaluation and testing for four years. The present variety 'DrisStrawOne' has been found to retain its distinctive characteristics through successive asexual propagations. Breeders: Michael Ferguson, Amado Q. Amorao and Bruce D. Mowrey are all employees of Driscoll Strawberry Associates Inc. Watsonville, California USA.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	density	open
Terminal leaflet	length/width ratio	longer than broad
Inflorescence	position relative to foliage	above
Primary flower	relative position of petals	overlapping
Fruit	attitude of calyx segments	reflexed
Fruit	band without achenes	absent or very narrow
Fruit	colour of flesh	orange red
Fruit	distribution of red colour of flesh	marginal and central
Plant	type of bearing	partially remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Driscoll Agoura'	Pollen parent; US Plant Patent PP15731.
'Driscoll El Capitan'	Seed parent; US Plant Patent PP14005.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'DrisStrawOne'	'Driscoll Agoura'	'Driscoll El Capitan'
<input checked="" type="checkbox"/> Plant: habit	globose	flat globose	globose
<input type="checkbox"/> Plant: density	open	open	open
<input checked="" type="checkbox"/> Plant: vigour	strong	weak	strong
<input checked="" type="checkbox"/> Leaf: colour of upper side	light green	dark green	dark green
<input checked="" type="checkbox"/> Leaf: shape in cross section	strongly concave to slightly concave	slightly concave to flat	strongly concave to slightly concave
<input checked="" type="checkbox"/> *Leaf: blistering	weak	strong	medium
<input checked="" type="checkbox"/> *Leaf: glossiness	weak	weak to medium	medium to strong
<input type="checkbox"/> *Terminal leaflet: length/width ratio	longer than broad	longer than broad	longer than broad
<input checked="" type="checkbox"/> *Terminal leaflet: shape of base	acute	rounded	obtuse
<input checked="" type="checkbox"/> Terminal leaflet: shape of incisions of margin	crenate	crenate	serrate
<input checked="" type="checkbox"/> Petiole: attitude of hairs	upwards	strongly outwards	slightly outwards
<input type="checkbox"/> *Stolons: number	medium	medium	medium to many
<input checked="" type="checkbox"/> Stolon: anthocyanin colouration	weak	weak to medium	medium to strong
<input checked="" type="checkbox"/> Stolon: pubescence	very weak	very strong	weak to medium
<input type="checkbox"/> *Inflorescence: position relative to foliage	above	above	above
<input checked="" type="checkbox"/> Flower: size	medium	large	medium to large
<input checked="" type="checkbox"/> *Flower: size of calyx	larger	same size	larger
<input type="checkbox"/> *Primary flower: relative	overlapping	overlapping	overlapping

position of petals				
<input checked="" type="checkbox"/>	Petal: length/width ratio	longer than broad	longer than broad	broader than long
<input checked="" type="checkbox"/>	*Fruit: ratio of length/width	much longer than broad	slightly longer than broad	much longer than broad
<input type="checkbox"/>	*Fruit: size	medium to large	large	large
<input checked="" type="checkbox"/>	*Fruit: predominant shape	conical	wedged	cordiform
<input checked="" type="checkbox"/>	Fruit: difference in shapes between primary and secondary fruits	moderate	marked	marked
<input type="checkbox"/>	Fruit: band without achenes	absent or very narrow	absent or very narrow	absent or very narrow
<input checked="" type="checkbox"/>	Fruit: unevenness of surface	weak	strong	weak
<input checked="" type="checkbox"/>	*Fruit: colour	red	dark red	dark red
<input type="checkbox"/>	Fruit: evenness of colour	slightly uneven	slightly uneven	slightly uneven
<input type="checkbox"/>	Fruit: glossiness	medium to strong	strong	strong
<input checked="" type="checkbox"/>	*Fruit: insertion of achenes	below surface	level with surface	below surface
<input type="checkbox"/>	Fruit: attitude of the calyx segments	reflexed	reflexed	reflexed
<input checked="" type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	slightly larger	slightly smaller	slightly larger
<input checked="" type="checkbox"/>	Fruit: adherence of calyx	medium	weak to medium	strong
<input checked="" type="checkbox"/>	Fruit: firmness	medium	firm	firm
<input type="checkbox"/>	Fruit: colour of flesh	orange red	orange red	orange red
<input checked="" type="checkbox"/>	Fruit: hollow centre	weakly expressed	weakly expressed	strongly expressed
<input type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	marginal and central	marginal and central
<input type="checkbox"/>	*Type of: bearing	partially remontant	partially remontant	partially remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘DrisStrawOne’	‘Driscoll Agoura’	‘Driscoll El Capitan’
<input checked="" type="checkbox"/> Fruiting truss: length	long	very short	medium
<input checked="" type="checkbox"/> Fruiting truss: attitude at first picking	semi-erect	flat	prostrate

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2006	Granted	‘DrisStrawOne’
EU	2006	Applied	‘DrisStrawOne’

First sold in USA in Oct 2005

Description: **Margaret Zorin** 167 Collingwood Road Birkdale Q4159

Details of Application

Application Number	2008/059
Variety Name	'MACARENA'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	2 Jul 2008
Applicant	Plantas de Navarra, S.A. (Planasa), Valtierra, Spain
Agent	Red Jewel Fruit Management Pty Ltd, Ballandean, QLD
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing Authority	US Patent & Trademark Office (USPTO)
Overseas Data Reference Number	PP16898 Granted August 2006
Location	Cartaya (Huelva), Spain in 2002 and verified in Cleveland, QLD, Australia in 2008.
Descriptor Period	Strawberry (<i>Fragaria</i>) TG/22/9. 1999-2006.
Conditions	The new variety of strawberry 'Macarena' was asexually propagated and planted in 2004 at La Mogalla in Cartaya (Huelva) Spain under standard commercial growing conditions and measurements and observations were made in fruiting season 2005. Plants of 'Macarena' were planted in March 2008 at Cleveland, Qld Australia and observations were made in July 2008.
Trial Design	Plants of the new variety 'Macarena' were planted side by side with comparators 'Camarosa', 'Tudnew' and 'Milsei' in tunnels in the farm La Mogalla in Cartaya, Spain. Measurements and observations were made during fruit production 4-5 months after planting.
Measurements	Observations and measurements were made according to the UPOV Guidelines and terminology. Colours (Royal Horticultural Society Charts) are described herein in accordance with those descriptions and may deviate slightly from those stated due to environmental conditions.
RHS Chart - edition	RHS 1995.

Origin and Breeding

Controlled pollination: The new variety 'Macarena' was the result of crossing 88-033 an unpatented seed parent with 9150 an unpatented pollen parent in 1998. The progeny were planted in a controlled breeding plot at La Mogalla, Cartaya Spain. The original seedling of 'Macarena' was asexually propagated by stolons in Sonoria, Spain at 3000 feet elevation. Plants were then grown at La Mogsalla in accordance with standard commercial practice. The desirable traits of 'Macarena' demonstrated stability over successive generations of asexual reproduction. Breeder: Ignacio Abascal Rubio of Navarra, Spain an employee of Plantas de Navarra, S.A. (Planasa) Spain.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Terminal leaflet	shape of base	obtuse
Primary flower	relative position of petals	overlapping
Fruit	insertion of calyx	above
Fruit	distribution of colour	marginal and central

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Tudnew’	US Plant Patent PP10960 variety grown in both Spain and USA.
‘Camarosa’	US Plant Patent PP8708 variety commonly grown throughout the world.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘MACARENA’	‘Camarosa’	‘Tudnew’
<input checked="" type="checkbox"/> Plant: habit	flat globose	globose	flat globose
<input type="checkbox"/> Plant: density	medium	medium	medium
<input type="checkbox"/> Plant: vigour	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: colour of upper side	medium green	light green	dark green
<input type="checkbox"/> Leaf: shape in cross section	slightly concave	slightly concave	slightly concave
<input checked="" type="checkbox"/> *Leaf: blistering	medium	medium	strong
<input checked="" type="checkbox"/> *Leaf: glossiness	weak	weak to medium	medium to strong
<input checked="" type="checkbox"/> *Terminal leaflet: length/width ratio	as long as broad	longer than broad	as long as broad
<input type="checkbox"/> *Terminal leaflet: shape of base	obtuse	obtuse	obtuse
<input checked="" type="checkbox"/> Terminal leaflet: shape of incisions of margin	crenate	serrate	crenate
<input checked="" type="checkbox"/> Petiole: attitude of hairs	upwards	upwards	strongly outwards
<input checked="" type="checkbox"/> Stipule: anthocyanin colouration	weak	medium	absent or very weak
<input type="checkbox"/> *Stolons: number	medium		
<input checked="" type="checkbox"/> Stolon: anthocyanin colouration	weak		medium
<input checked="" type="checkbox"/> Stolon: pubescence	medium	medium to strong	weak
<input checked="" type="checkbox"/> *Inflorescence: position relative to foliage	beneath	level with	above
<input checked="" type="checkbox"/> Flower: size	medium	large	large
<input checked="" type="checkbox"/> *Flower: size of calyx	larger	larger	same size
<input type="checkbox"/> *Primary flower: relative position of petals	overlapping	overlapping	overlapping
<input checked="" type="checkbox"/> Petal: length/width ratio	as long as broad	broader than long	as long as broad
<input checked="" type="checkbox"/> *Fruit: ratio of length/width	much longer than broad	as long as broad	much longer than broad
<input checked="" type="checkbox"/> *Fruit: size	large	large to very large	very large

<input checked="" type="checkbox"/>	*Fruit: predominant shape	conical	almost cylindrical	conical
<input checked="" type="checkbox"/>	Fruit: difference in shapes between primary and secondary fruits	marked	marked	slight
<input checked="" type="checkbox"/>	Fruit: band without achenes	narrow	medium to broad	broad
<input checked="" type="checkbox"/>	Fruit: unevenness of surface	absent or very weak	strong	strong
<input checked="" type="checkbox"/>	*Fruit: colour	orange red	dark red	orange red
<input checked="" type="checkbox"/>	Fruit: evenness of colour	slightly uneven	even	even
<input checked="" type="checkbox"/>	Fruit: glossiness	medium	strong	strong
<input checked="" type="checkbox"/>	*Fruit: insertion of achenes	below surface	level with surface	below surface
<input type="checkbox"/>	Fruit: insertion of calyx	above fruit	above fruit	above fruit
<input checked="" type="checkbox"/>	Fruit: attitude of the calyx segments	reflexed	clasping	reflexed
<input checked="" type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	much larger	much smaller	same size
<input checked="" type="checkbox"/>	Fruit: adherence of calyx	very strong	strong	strong
<input checked="" type="checkbox"/>	Fruit: firmness	firm	firm to very firm	very firm
<input checked="" type="checkbox"/>	Fruit: colour of flesh	light red	dark red	medium red
<input type="checkbox"/>	Fruit: hollow centre	absent or very weakly expressed	weakly expressed	
<input checked="" type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	marginal and central	marginal and central
<input checked="" type="checkbox"/>	*Time of: flowering	very early to early	medium	very early to early
<input checked="" type="checkbox"/>	Time of: ripening	very early to early	medium	early
<input checked="" type="checkbox"/>	*Type of: bearing	not remontant	partially remontant	not remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'MACARENA'	'Camarosa'	'Tudnew'
<input checked="" type="checkbox"/> Fruiting truss: attitude at first picking	semi-erect	prostrate	semi-erect

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	'MACARENA'
EU	2003	Granted	'MACARENA'
USA	2003	Granted	'MACARENA'
South Africa	2006	Applied	'MACARENA'

First sold in Spain in Oct 2004.

Description: **Margaret Zorin** 167 Collingwood Road Birkdale Qld 4159.

Details of Application

Application Number	2005/069
Variety Name	'Merbein 5489'
Genus Species	<i>Vitis berlandieri</i>
Common Name	Sweet Mountain Grape
Synonym	Nil
Accepted Date	19 Apr 2005
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT
Agent	N/A
Qualified Person	Stephen Sykes

Details of Comparative Trial

Location	Merbein, Victoria
Descriptor	Grapevine (<i>Vitis</i>) TG/50/8.
Period	2005-2007
Conditions	Vines for comparative trial purposes were grown in pots under shadehouse conditions. Ampelographic data were collected from vines growing under vineyard conditions.
Trial Design	'Merbein 5489' was compared with 14 other rootstock varieties or selections, viz. Borner (<i>Vitis riparia</i> x <i>V. cinerea</i>), 'Freedom' [a complex multi-species hybrid (<i>V. labrusca</i> , <i>V. riparia</i> , <i>V. vinifera</i>) complex hybrid] x (<i>V. rupestris</i> x <i>V. candicans</i>), '41B' (<i>V. vinifera</i> Cv. Chasselas x <i>V. berlandieri</i>), '125AA Kober' (<i>V. berlandieri</i> x <i>V. riparia</i>), '5C Teleki' (<i>V. berlandieri</i> x <i>V. riparia</i>), 'K48-38 Lider' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>) x <i>V. vinifera</i> Cv. Sultanina], 'K48-45 Lider' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>) x <i>V. vinifera</i> Cv. Sultanina], 'K48-48 Lider' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>) x <i>V. vinifera</i> Cv. Sultanina], 'Cosmos 10A' (<i>V. berlandieri</i> x <i>V. riparia</i>), 'Dogridge' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>)], CSIRO selections 'Merbein 5512' (<i>V. berlandieri</i> Ressequier No. 1 x <i>V. berlandieri</i> Mazade), 'Merbein 6262' (<i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1), 'M61-19' (<i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1) and 'M61-36' (<i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1). The trial included three other <i>Vitis</i> rootstock varieties for which Part 1 PBR applications have been submitted. As a result, the comparators for these other varieties were also included and the data were analysed together. Vines were propagated from dormant cuttings collected during winter 2005. They were struck in a sand/perlite mix in a cold mist house over bottom heat. Rooted cuttings were potted into a standard potting mix and transferred to a shadehouse in 12l pots. The vines were allowed to grow as single shoots by removing lateral shoots as they developed. When shoots had grown to a length exceeding 1m, they were pruned to two buds and the youngest bud was allowed to develop. The vines were again allowed to grow as single shoots by removing lateral buds as they developed. When shoots had reached a length exceeding 1.5m, they were again pruned and leaves at nodes 5-10 retained for measurements to be recorded. There were 14 comparator varieties with 15 vines per variety. The trial was laid out as a randomised block design with one replicate vine

per variety per block.

Measurements

Ampelographic data following the descriptors provided by UPOV TG/50/8 Grapevine (*Vitis* L.) were recorded for vines grown under vineyard conditions as well as for those grown in the pot trial. Leaf measurements were recorded for vines grown in the pot trial. Leaf lamina length (L1) was recorded from the point at which the petiole attached to the mid-apex of the leaf. Similar measurements were made between the point at which the lamina attached to the apices of the other lobes (L2, L3, R2 and R3). Leaf widths were also recorded between the two proximal (R3 and L3) and the two distal (R2 and L2) lobes. Petiole length was also recorded. These measurements were used to calculate a number of ratios.

RHS Chart - edition

Origin and Breeding

A series of controlled crosses was devised by CSIRO vine breeder Dr. A. J. Antcliff (deceased) to re-combine the characteristics of American *Vitis* species for selection under Australian conditions. The crosses, which involved many different species combined either through inter- or intra-specific hybridisations, were conducted in 1967 at the University of Illinois by Dr. H. C. Barrett, who was an employee of CSIRO and acted under the direction of Dr. Antcliff. Merbein 5489 was selected from a cross made between *V. berlandieri* Ressequier No. 1 (female parent) x *V. berlandieri* 7651 (male parent). The seeds from the crosses were introduced to Australia in 1967 and germinated at CSIRO Plant Industry's laboratories at Merbein in NW Victoria. Emergent seedlings were rowed out in progeny groups in the experimental vineyard at CSIRO Merbein in 1968 and trained to a single wire trellis. These seedlings have been maintained using standard viticultural practices. The progeny from which 'Merbein 5489' was selected was screened for a range of essential and desirable rootstock characteristics under the direction of Dr. Ernst Ruhl and Mr. Peter Clingeffer, former and current employees of CSIRO Plant Industry, respectively. Based on its nursery and propagation characteristics, which were measured using dormant cuttings taken from the original seedling, coupled with the mineral status of its shoot tissues measured over several seasons, 'Merbein 5489' was multiplied via dormant cuttings in 1988. Rootlings, produced from dormant cuttings propagated under mist over bottom heated beds, were grafted with *V. vinifera* cv. Shiraz scions for further screening as a rootstock in a replicated trial conducted at CSIRO's Koorlong property in NW Victoria from 1989 until present. Under the supervision of Mr Peter Clingeffer, vine performance and winemaking data were collected and analysed for this trial from 1995 until 2003. These data, along with additional information concerning its nematode and *Phylloxera* tolerance collected under the guidance of Dr Steve Sykes (CSIRO Plant Industry) and Dr Kevin Powell (DPI Victoria), respectively, were used to select 'Merbein 5489' as a potential new rootstock for the wine industry. 'Merbein 5489' was selected because of: its very high rate of propagation by rooting dormant cuttings; its graft compatibility with a major wine grape variety, viz. *V. vinifera* cv. Shiraz; its tolerance to both the Rutherglen and King Valley strains of *Phylloxera*; its ability to withstand infestation by three biotypes of root-knot nematode, viz. *Meloidogyne incognita*, *M. javanica* (a) and *M. javanica* (b); its ability to regulate potassium uptake into Shiraz berries such that optimum levels were attained for premium winemaking; its ability to impart an appropriate level of vigour in Shiraz scions matched by yield and fruit quality which are reflected in juice and wine quality; its ability to impart good oenological characteristics to Shiraz grapes such that wine quality in terms of colour density, total anthocyanins and total phenolics exceeded those imparted by '1103 Paulsen' and 'Ramsey' rootstocks, which are commonly used

industry standards. To date, no off-types have been observed following vegetative propagation of 'Merbein 5489'.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Cuttings	ease of propagation to yield rootlings	very easy
Flower	sexual organs	fully developed stamens and no gynoecium or reflexed stamens and fully developed gynoecium
Young shoot	openness of tip	fully open
Young shoot	density of prostrate hairs on tip	very dense/dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'41B'	
'K48-45 Lider'	
'M61-19'	CSIRO roostock hybrid of same parentage (ie <i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1).
'M61-36'	CSIRO selection for which PBR Part 1 has also been submitted.
'Merbein 6262'	CSIRO selection for which PBR Part 1 has also been submitted.
'Merbein 5512'	CSIRO selection for which PBR Part 1 has also been submitted.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
'125AA Kober'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'5C Teleki'			fully open	half open	excluded from comparative table
'Borner'	Young shoot	openness of tip	fully open	wide open	excluded from comparative table
'Cosmos 10A'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'Dogridge'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'Freedom'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'K48-38 Lider'	Young shoot	openness of tip	fully open	wide open	excluded from comparative table
'K48-48 Lider'	Young shoot	openness of tip	fully open	half open	excluded from comparative table

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Merbein 5489'	'41B'	'K48-45 Lider'	'M61-19'	'M61-36'	'Merbein 5512'	'Merbein 6262'
<input type="checkbox"/> *Time of: bud burst (varieties not for fruit production only)	late			late	late	late	late
<input type="checkbox"/> *Young shoot: openness of tip	fully open	fully open	fully open	fully open	fully open	fully open	fully open
<input type="checkbox"/> *Young shoot: density of prostrate hairs on tip	very dense	dense	dense	very dense	very dense	very dense	very dense
<input checked="" type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak			weak	absent or very weak	medium	strong
<input checked="" type="checkbox"/> Young shoot: density of erect hairs on tip (varieties not for fruit production only)	dense			dense	medium	dense	dense
<input type="checkbox"/> *Young leaf: Colour of upper side of blade	yellow green			yellow green	yellow green	yellow green	yellow green
<input checked="" type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	medium	medium	dense	sparse	dense
<input type="checkbox"/> Shoot: attitude	semi-erect			erect	erect	semi-erect	erect
<input type="checkbox"/> *Shoot: colour of ventral side of internode	completely green			completely green	completely green	completely green	completely green
<input checked="" type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only)	green with red stripes			completely green	completely green	completely green	completely green
<input type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only)	completely green			completely green	completely green	completely green	completely green
<input type="checkbox"/> Shoot: density of	sparse			sparse	sparse	absent or very	sparse

erect hairs on internodes					sparse			
<input type="checkbox"/> Shoot: number of consecutive tendrils	less than three				less than three	less than three	less than three	less than three
<input type="checkbox"/> Shoot: length of tendril	very short to short				medium	medium	short	medium
<input checked="" type="checkbox"/> *Flower: sexual organs	reflexed stamens and fully developed gynoecium	reflexed stamens and fully developed gynoecium	reflexed stamens and fully developed gynoecium	fully developed and no gynoecium	fully developed and no gynoecium	fully developed and no gynoecium	fully developed and no gynoecium	fully developed and no gynoecium
<input type="checkbox"/> *Adult leaf: size of blade	small				small	medium	small	small
<input checked="" type="checkbox"/> *Mature leaf: shape of blade	pentagonal	pentagonal	pentagonal	cordate	cordate	pentagonal	cordate	
<input checked="" type="checkbox"/> Mature leaf: profile in cross section	V-shaped				revolute	revolute	V-shaped	V-shaped
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak				absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Mature leaf: number of lobes	five				three	none	five	five
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	very shallow				very shallow	very shallow	shallow	very shallow
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses	open				open	open	open	open
<input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	half open	half open	half open	half open	half open	half open	wide open	half open
<input type="checkbox"/> Mature leaf: petiole sinus limited by veins	absent				present	absent	absent	absent
<input type="checkbox"/> *Mature leaf: length of teeth	short				short	short	short	short
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small				very small	very small	small	very small
<input checked="" type="checkbox"/> *Mature leaf: shape of teeth	mixture of both sides straight &				both sides straight	both sides straight	both sides convex	both sides straight

	both sides convex						
<input type="checkbox"/> *Mature leaf: anthocyanin colouration of main veins on upper side of blade	absent or very weak		absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Mature leaf: density of prostrate hairs between main veins on lower side of blade	sparse		medium	medium		absent or very sparse	medium
<input checked="" type="checkbox"/> *Mature leaf: density of erect hairs on main veins on lower side of blade	very dense		sparse	dense		medium	sparse
<input checked="" type="checkbox"/> Woody shoot: main colour	dark brown		yellowish brown	yellowish brown		dark brown	yellowish brown
<input type="checkbox"/> Woody shoot: relief of surface	ribbed		ribbed	ribbed		ribbed	ribbed

Statistical Table

Organ/Plant Part: Context	'Merbein 5489'	'41B'	'K48-38 Lider'	'M61-19'	'M61-36'	'Merbein 5512'	'Merbein 6262'
<input checked="" type="checkbox"/> Leaf lamina: ratio L2/L1							
Mean	0.81	0.78	0.79	0.74	0.67	0.84	0.67
Std. Deviation	0.07	0.13	0.06	0.07	0.08	0.09	0.07
LSD/sig	0.04	ns	ns	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio R2/L1							
Mean	0.82	0.81	0.76	0.72	0.65	0.84	0.66
Std. Deviation	0.07	0.09	0.07	0.08	0.06	0.06	0.06
LSD/sig	0.04	ns	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio L3/L1							
Mean	0.57	0.56	0.51	0.53	0.47	0.60	0.47
Std. Deviation	0.05	0.06	0.05	0.06	0.09	0.06	0.06
LSD/sig	0.05	ns	P≤0.01	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio L1/W1							
Mean	0.95	0.94	0.90	1.12	1.16	0.97	1.17
Std. Deviation	0.11	0.10	0.07	0.10	0.10	0.11	0.12
LSD/sig	0.05	ns	P=0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio L1/W2							
Mean	0.90	0.90	1.03	0.99	1.11	0.85	1.07
Std. Deviation	0.08	0.07	0.10	0.20	0.20	0.07	0.09
LSD/sig	0.06	ns	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: W1/W2							

Mean	0.95	0.96	1.15	0.89	0.95	0.89	0.92
Std. Deviation	0.11	0.08	0.12	0.21	0.10	0.08	0.08
LSD/sig	0.06	ns	P≤0.01	P=0.01	ns	P=0.01	ns

□ Leaf: ratio (L1 = petiole length)/petiole length

Mean	2.80	2.45	2.32	3.00	3.13	2.82	2.78
Std. Deviation	0.31	0.22	0.18	0.27	0.28	0.33	0.17
LSD/sig	0.16	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	ns

Prior Applications and Sales

Nil.

Description: **Stephen Sykes**, CSIRO Plant Industry, Merbein, VIC.

Details of Application

Application Number	2005/068
Variety Name	'Merbein 5512'
Genus Species	<i>Vitis berlandieri</i>
Common Name	Sweet Mountain Grape
Synonym	Nil
Accepted Date	19 Apr 2005
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT
Agent	N/A
Qualified Person	Stephen Sykes

Details of Comparative Trial

Location	Merbein, VIC.
Descriptor	Grapevine (<i>Vitis</i>) TG/50/8.
Period	2005-2007
Conditions	Vines for comparative trial purposes were grown in pots under shadehouse conditions. Ampelographic data were collected from vines growing under vineyard conditions.
Trial Design	'Merbein 5512' was compared with 14 other rootstock varieties or selections, viz. 'Borner' (<i>V. riparia</i> x <i>V. cinerea</i>), 'Freedom' [a complex multi-species hybrid (<i>V. labrusca</i> , <i>V. riparia</i> , <i>V. vinifera</i>) complex hybrid] x (<i>V. rupestris</i> x <i>V. candicans</i>), '41B' (<i>V. vinifera</i> Cv. Chasselas x <i>V. berlandieri</i>), '125AA Kober' (<i>V. berlandieri</i> x <i>V. riparia</i>), '5C Teleki' (<i>V. berlandieri</i> x <i>V. riparia</i>), 'K48-38 Lider' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>) x <i>V. vinifera</i> Cv. Sultanina], 'K48-45 Lider' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>) x <i>V. vinifera</i> Cv. Sultanina], 'K48-48 Lider' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>) x <i>V. vinifera</i> Cv. Sultanina], 'Cosmos 10A' (<i>V. berlandieri</i> x <i>V. riparia</i>), 'Dogridge' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>)], CSIRO selections 'Merbein 5489' (<i>V. berlandieri</i> Ressequier No. 1 x <i>V. berlandieri</i> 7651), 'Merbein 6262' (<i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1), 'M61-19' (<i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1) and 'M61-36' (<i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1). The trial included three other <i>Vitis</i> rootstock varieties for which Part 1 PBR applications have been submitted. As a result, the comparators for these other varieties were also included and the data were analysed together. Vines were propagated from dormant cuttings collected during winter 2005. They were struck in a sand/perlite mix in a cold mist house over bottom heat. Rooted cuttings were potted into a standard potting mix and transferred to a shadehouse in 12l pots. The vines were allowed to grow as single shoots by removing lateral shoots as they developed. When shoots had grown to a length exceeding 1m, they were pruned to two buds and the youngest bud was allowed to develop. The vines were again allowed to grow as single shoots by removing lateral buds as they developed. When shoots had reached a length exceeding 1.5m, they were again pruned and leaves at nodes 5-10 retained for measurements to be recorded. There were 14 comparator varieties with 15 vines per variety. The trial was laid out as a randomised block design with one replicate vine per variety per block.
Measurements	Ampelographic data following the descriptors provided by UPOV TG/50/8 Grapevine (<i>Vitis</i> L.) were recorded for vines grown under

vineyard conditions as well as for those grown in the pot trial. Leaf measurements were recorded for vines grown in the pot trial. Leaf lamina length (L1) was recorded from the point at which the petiole attached to the mid-apex of the leaf. Similar measurements were made between the point at which the lamina attached to the apices of the other lobes (L2, L3, R2 and R3). Leaf widths were also recorded between the two proximal (R3 and L3) and the two distal (R2 and L2) lobes. Petiole length was also recorded. These measurements were used to calculate a number of ratios.

RHS Chart - edition

Origin and Breeding

A series of controlled crosses was devised by CSIRO vine breeder Dr. A. J. Antcliff (deceased) to re-combine the characteristics of American *Vitis* species for selection under Australian conditions. The crosses, which involved many different species combined either through inter- or intra-specific hybridisations, were conducted in 1967 at the University of Illinois by Dr. H. C. Barrett, who was an employee of CSIRO and acted under the direction of Dr. Antcliff. 'Merbein 5512' was selected from a cross made between *V. berlandieri* Ressequier No. 1 (female parent) x *V. berlandieri* 'Mazade' (male parent). The seeds from the crosses were introduced to Australia in 1967 and germinated at CSIRO Plant Industry's laboratories at Merbein in NW Victoria. Emergent seedlings were rowed out in progeny groups in the experimental vineyard at CSIRO Merbein in 1968 and trained to a single wire trellis. These seedlings have been maintained using standard viticultural practices. The progeny from which 'Merbein 5512' was selected was screened for a range of essential and desirable rootstock characteristics under the direction of Dr. Ernst Ruhl and Mr. Peter Clingeffer, former and current employees of CSIRO Plant Industry, respectively. Based on its nursery and propagation characteristics, which were measured using dormant cuttings taken from the original seedling, coupled with the mineral status of its shoot tissues measured over several seasons, 'Merbein 5512' was multiplied via dormant cuttings in 1988. Rootlings, produced from dormant cuttings propagated under mist over bottom heated beds, were grafted with *V. vinifera* cv. Shiraz scions for further screening as a rootstock in a replicated trial conducted at CSIRO's Koorlong property in NW Victoria from 1989 until present. Under the supervision of Mr Peter Clingeffer, vine performance and winemaking data were collected and analysed for this trial from 1995 until 2003. These data, along with additional information concerning its nematode and *Phylloxera* tolerance collected under the guidance of Dr Steve Sykes (CSIRO Plant Industry) and Dr Kevin Powell (DPI Victoria), respectively, were used to select 'Merbein 5512' as a potential new rootstock for the wine industry. 'Merbein 5512' was selected because of: its very high rate of propagation by rooting dormant cuttings; its graft compatibility with a major wine grape variety, viz. *V. vinifera* cv. Shiraz; its tolerance to both the Rutherglen and King Valley strains of *Phylloxera*; its ability to withstand infestation by three biotypes of root-knot nematode, viz. *Meloidogyne incognita*, *M. javanica* (a) and *M. javanica* (b); its ability to regulate potassium uptake into Shiraz berries such that optimum levels were attained for premium winemaking; its ability to impart an appropriate level of vigour in Shiraz scions matched by yield and fruit quality which are reflected in juice and wine quality; its ability to impart good oenological characteristics to Shiraz grapes such that wine quality in terms of colour density, total anthocyanins and total phenolics exceeded those imparted by 1103 Paulsen and Ramsey rootstocks, which are commonly used industry standards. To date, no off-types have been observed following vegetative propagation of 'Merbein 5512'.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Cuttings	ease of propagation to yield rootlings	very easy
Flower	sexual organs	fully developed stamens and no gynoecium or reflexed stamens and fully developed gynoecium
Young shoot	openness of tip	fully open
Young shoot	density of prostrate hairs on tip	very dense/dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'41B'	
'K48-45 Lider'	
'M61-19'	CSIRO roostock hybrid of same parentage (ie <i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1).
'M61-36'	CSIRO selection for which PBR Part 1 has also been submitted.
'Merbein 5489'	CSIRO selection for which PBR Part 1 has also been submitted.
'Merbein 6262'	CSIRO selection for which PBR Part 1 has also been submitted.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
'125AA Kober'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'5C Teleki'			fully open	half open	excluded from comparative table
'Borner'	Young shoot	openness of tip	fully open	wide open	excluded from comparative table
'Cosmos 10A'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'Dogridge'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'Freedom'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'K48-38 Lider'	Young shoot	openness of tip	fully open	wide open	excluded from comparative table
'K48-48 Lider'	Young shoot	openness of tip	fully open	half open	excluded from comparative table

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Merbein 5512'	'41B'	'K48-45 Lider'	'M61-19'	'M61-36'	'Merbein 5489'	'Merbein 6262'
<input type="checkbox"/> *Time of: bud burst (varieties not for fruit production only)	late			late	late	late	late
<input type="checkbox"/> *Young shoot: openness of tip	fully open	fully open	fully open	fully open	fully open	fully open	fully open
<input type="checkbox"/> *Young shoot: density of prostrate hairs on tip	very dense	dense	dense	very dense	very dense	very dense	very dense
<input checked="" type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	medium			weak	absent or very weak	absent or very weak	strong
<input checked="" type="checkbox"/> Young shoot: density of erect hairs on tip (varieties not for fruit production only)	dense			dense	medium	dense	dense
<input type="checkbox"/> *Young leaf: Colour of upper side of blade	yellow green			yellow green	yellow green	yellow green	yellow green
<input checked="" type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade	sparse	absent or very sparse	medium	medium	dense	absent or very sparse	dense
<input type="checkbox"/> Shoot: attitude	semi-erect			erect	erect	semi-erect	erect
<input type="checkbox"/> *Shoot: colour of ventral side of internode	completely green			completely green	completely green	completely green	completely green
<input checked="" type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only)	completely green			completely green	completely green	green with red stripes	completely green
<input type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only)	completely green			completely green	completely green	completely green	completely green
<input type="checkbox"/> Shoot: density of	absent or very sparse			sparse	sparse	sparse	sparse

erect hairs on internodes							
<input type="checkbox"/> Shoot: number of consecutive tendrils	less than three			less than three	less than three	less than three	less than three
<input type="checkbox"/> Shoot: length of tendril	short			medium	medium	very short to short	medium
<input checked="" type="checkbox"/> *Flower: sexual organs	fully developed stamens and no gynoecium	reflexed stamens and fully developed gynoecium	reflexed stamens and fully developed gynoecium	fully developed stamens and no gynoecium	fully developed stamens and no gynoecium	reflexed stamens and fully developed gynoecium	fully developed stamens and no gynoecium
<input type="checkbox"/> *Adult leaf: size of blade	small			small	medium	small	small
<input checked="" type="checkbox"/> *Mature leaf: shape of blade	pentagonal	pentagonal	pentagonal	cordate	cordate	pentagonal	cordate
<input checked="" type="checkbox"/> Mature leaf: profile in cross section	V-shaped			revolute	revolute	V-shaped	V-shaped
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak			absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Mature leaf: number of lobes	five			three	none	five	five
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	shallow			very shallow	very shallow	very shallow	very shallow
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses	open			open	open	open	open
<input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	wide open	half open	half open	half open	half open	half open	half open
<input type="checkbox"/> Mature leaf: petiole sinus limited by veins	absent			present	absent	absent	absent
<input type="checkbox"/> *Mature leaf: length of teeth	short			short	short	short	short
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small			very small	very small	small	very small
<input checked="" type="checkbox"/> *Mature leaf: shape of teeth	both sides convex			both sides straight	both sides straight	mixture of both sides straight &	both sides straight

both sides
convex

<input type="checkbox"/> *Mature leaf: anthocyanin colouration of main veins on upper side of blade	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Mature leaf: density of prostrate hairs between main veins on lower side of blade	absent or very sparse		medium	medium	sparse		medium
<input checked="" type="checkbox"/> *Mature leaf: density of erect hairs on main veins on lower side of blade	medium		sparse	dense		very dense	sparse
<input checked="" type="checkbox"/> Woody shoot: main colour	dark brown		yellowish brown	yellowish brown		dark brown	yellowish brown
<input type="checkbox"/> Woody shoot: relief of surface	ribbed		ribbed	ribbed		ribbed	ribbed

Statistical Table

Organ/Plant Part: Context	'Merbein 5512'	'41B'	'K48-38 Lider'	'M61-19'	'M61-36'	'Merbein 5489'	'Merbein 6262'
<input checked="" type="checkbox"/> Leaf lamina: ratio L2/L1							
Mean	0.84	0.78	0.79	0.74	0.67	0.81	0.67
Std. Deviation	0.09	0.13	0.06	0.07	0.08	0.07	0.07
LSD/sig	0.04	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio R2/L1							
Mean	0.84	0.81	0.76	0.72	0.65	0.82	0.66
Std. Deviation	0.06	0.09	0.07	0.08	0.06	0.07	0.06
LSD/sig	0.04	ns	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio L3/L1							
Mean	0.60	0.56	0.51	0.53	0.47	0.57	0.47
Std. Deviation	0.06	0.06	0.05	0.06	0.09	0.05	0.06
LSD/sig	0.05	ns	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio L1/W1							
Mean	0.97	0.94	0.90	1.12	1.16	0.95	1.17
Std. Deviation	0.11	0.10	0.07	0.10	0.10	0.11	0.12
LSD/sig	0.05	ns	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio L1/W2							
Mean	0.85	0.90	1.03	0.99	1.11	0.90	1.07
Std. Deviation	0.07	0.07	0.10	0.20	0.20	0.08	0.09
LSD/sig	0.06	ns	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: W1/W2							

Mean	0.89	0.96	1.15	0.89	0.95	0.95	0.92
Std. Deviation	0.08	0.08	0.12	0.21	0.10	0.11	0.08
LSD/sig	0.06	P≤0.01	P≤0.01	ns	P=0.01	P=0.01	ns

□ Leaf: ratio (L1 = petiole length)/petiole length

Mean	2.82	2.45	2.32	3.00	3.13	2.80	2.78
Std. Deviation	0.33	0.22	0.18	0.27	0.28	0.31	0.17
LSD/sig	0.16	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	ns

Prior Applications and Sales

Nil.

Description: **Stephen Sykes**, CSIRO Plant Industry, Merbein, VIC.

Details of Application

Application Number	2005/066
Variety Name	'Merbein 6262'
Genus Species	<i>Vitis cinerea</i>
Common Name	Sweet Winter Grape
Synonym	Nil
Accepted Date	19 Apr 2005
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT
Agent	N/A
Qualified Person	Stephen Sykes

Details of Comparative Trial

Location	Merbein, VIC.
Descriptor	Grapevine (<i>Vitis</i>) TG/50/8.
Period	2005-2006.
Conditions	Vines for comparative trial purposes were grown in pots under shadehouse conditions. Ampelographic data were also collected from vines growing under vineyard conditions.
Trial Design	'Merbein 6262' was compared with 14 other rootstock varieties or selections, viz. 'Borner' (<i>V. riparia</i> x <i>V. cinerea</i>), 'Freedom' [a complex multi-species hybrid (<i>V. labrusca</i> , <i>V. riparia</i> , <i>V. vinifera</i>) complex hybrid] x (<i>V. rupestris</i> x <i>V. candicans</i>), '41B' (<i>V. vinifera</i> Cv. Chasselas x <i>V. berlandieri</i>), '125AA Kober' (<i>V. berlandieri</i> x <i>V. riparia</i>), '5C Teleki' (<i>V. berlandieri</i> x <i>V. riparia</i>), 'K48-38 Lider' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>) x <i>V. vinifera</i> Cv. Sultanina], 'K48-45 Lider' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>) x <i>V. vinifera</i> Cv. Sultanina], 'K48-48 Lider' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>) x <i>V. vinifera</i> Cv. Sultanina], 'Cosmos 10A' (<i>V. berlandieri</i> x <i>V. riparia</i>), 'Dogridge' [<i>V. rupestris</i> x <i>V. candicans</i> (aka <i>Vitis champini</i>)], CSIRO selections 'Merbein 5489' (<i>V. berlandieri</i> Ressequier No. 1 x <i>V. berlandieri</i> 7651), 'Merbein 5512' (<i>V. berlandieri</i> Ressequier No. 1 x <i>V. berlandieri</i> Mazade), 'M61-19' (<i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1) and 'M61-36' (<i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1). The trial included three other <i>Vitis</i> rootstock varieties for which Part 1 PBR applications have been submitted. As a result, the comparators for these other varieties were also included and the data were analysed together. Vines were propagated from dormant cuttings collected during winter 2005. They were struck in a sand/perlite mix in a cold mist house over bottom heat. Rooted cuttings were potted into a standard potting mix and transferred to a shadehouse in 121 pots. The vines were allowed to grow as single shoots by removing lateral shoots as they developed. When shoots had grown to a length exceeding 1m, they were pruned to two buds and the youngest bud was allowed to develop. The vines were again allowed to grow as single shoots by removing lateral buds as they developed. When shoots had reached a length exceeding 1.5m, they were again pruned and leaves at nodes 5-10 retained for measurements to be recorded. There were 14 comparator varieties with 15 vines per variety. The trial was

laid out as a randomised block design with one replicate vine per variety per block.

Measurements

Ampelographic data following the descriptors provided by UPOV TG/50/8 Grapevine (*Vitis* L.) were recorded for vines grown under vineyard conditions as well as for those grown in the pot trial. Leaf measurements were recorded for vines grown in the pot trial. Leaf lamina length (L1) was recorded from the point at which the petiole attached to the mid-apex of the leaf. Similar measurements were made between the point at which the lamina attached to the apices of the other lobes (L2, L3, R2 and R3). Leaf widths were also recorded between the two proximal (R3 and L3) and the two distal (R2 and L2) lobes. Petiole length was also recorded. These measurements were used to calculate a number of ratios.

RHS Chart - edition

Origin and Breeding

A series of controlled crosses was devised by CSIRO vine breeder Dr. A. J. Antcliff (deceased) to re-combine the characteristics of American *Vitis* species for selection under Australian conditions. The crosses, which involved many different species combined either through inter- or intra-specific hybridisations, were conducted in 1967 at the University of Illinois by Dr. H. C. Barrett, who was an employee of CSIRO and acted under the direction of Dr. Antcliff. 'Merbein 6262' was selected from a cross made between *V. cinerea* 55 (female parent) x *V. cinerea* 194-1 (male parent). The seeds from the crosses were introduced to Australia in 1967 and germinated at CSIRO Plant Industry's laboratories at Merbein in NW Victoria. Emergent seedlings were rowed out in progeny groups in the experimental vineyard at CSIRO Merbein in 1968 and trained to a single wire trellis. These seedlings have been maintained using standard viticultural practices. The progeny from which 'Merbein 6262' was selected was screened for a range of essential and desirable rootstock characteristics under the direction of Dr. Ernst Ruhl and Mr. Peter Clingeffer, former and current employees of CSIRO Plant Industry, respectively. Based on its nursery and propagation characteristics, which were measured using dormant cuttings taken from the original seedling, coupled with the mineral status of its shoot tissues measured over several seasons, 'Merbein 6262' was multiplied via dormant cuttings in 1988. Rootlings, produced from dormant cuttings propagated under mist over bottom heated beds, were grafted with *V. vinifera* cv. Shiraz scions for further screening as a rootstock in a replicated trial conducted at CSIRO's Koorlong property in NW Victoria from 1989 until present. Under the supervision of Mr Peter Clingeffer, vine performance and winemaking data were collected and analysed for this trial from 1995 until 2003. These data, along with additional information concerning its nematode and *Phylloxera* tolerance collected under the guidance of Dr Steve Sykes (CSIRO Plant Industry) and Dr Kevin Powell (DPI Victoria), respectively, were used to select 'Merbein 6262' as a potential new rootstock for the wine industry. 'Merbein 6262' was selected because of: its very high rate of propagation by rooting dormant cuttings; its graft compatibility with a major wine grape variety, viz. *V. vinifera* cv. Shiraz; its tolerance to both the Rutherglen and King Valley strains of *Phylloxera*; its ability to withstand infestation by three biotypes of root-knot nematode, viz. *Meloidogyne incognita*, *M. javanica* (a) and *M. javanica* (b); its ability to regulate potassium uptake into Shiraz berries such that optimum levels were attained for premium winemaking; its ability to impart an appropriate level of vigour in Shiraz scions matched by yield and fruit quality which are reflected in juice and wine quality; its ability to impart good oenological characteristics to Shiraz grapes such that wine quality in terms of colour density, total anthocyanins and total phenolics exceeded

those imparted by 1103 Paulsen and Ramsey rootstocks, which are commonly used industry standards. To date, no off-types have been observed following vegetative propagation of 'Merbein 6262'.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Cuttings	ease of propagation to yield rootlings	very easy
Flower	sexual organs	fully developed stamens and no gynoecium or reflexed stamens and fully developed gynoecium
Young shoot	openness of tip	fully open
Young shoot	density of prostrate hairs on tip	very dense/dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'41B'	
'K48-45 Lider'	
'M61-19'	CSIRO roostock hybrid of same parentage (ie <i>V. cinerea</i> 55 x <i>V. cinerea</i> 194-1).
'M61-36'	CSIRO selection for which PBR Part 1 has also been submitted.
'Merbein 5489'	CSIRO selection for which PBR Part 1 has also been submitted.
'Merbein 5512'	CSIRO selection for which PBR Part 1 has also been submitted.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
'125AA Kober'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'5C Teleki'			fully open	half open	excluded from comparative table
'Borner'	Young shoot	openness of tip	fully open	wide open	excluded from comparative table
'Cosmos 10A'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'Dogridge'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'Freedom'	Young shoot	openness of tip	fully open	half open	excluded from comparative table
'K48-38 Lider'	Young shoot	openness of tip	fully open	wide open	excluded from comparative table
'K48-48 Lider'	Young shoot	openness of tip	fully open	half open	excluded from comparative table

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Merbein 6262'	'41B'	'K48-45 Lider'	'M61-19'	'M61-36'	'Merbein 5489'	'Merbein 5512'
<input type="checkbox"/> *Time of: bud burst (varieties not				late	late	late	late

for fruit production only)

<input type="checkbox"/> *Young shoot: openness of tip	fully open	fully open	fully open	fully open	fully open	fully open	fully open
<input type="checkbox"/> *Young shoot: density of prostrate hairs on tip	very dense	dense	dense	very dense	very dense	very dense	very dense
<input checked="" type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	strong			weak	absent or very weak	absent or very weak	medium
<input checked="" type="checkbox"/> Young shoot: density of erect hairs on tip (varieties not for fruit production only)	dense			dense	medium	dense	dense
<input type="checkbox"/> *Young leaf: Colour of upper side of blade	yellow green			yellow green	yellow green	yellow green	yellow green
<input checked="" type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade	dense	absent or very sparse	medium	medium	dense	absent or very sparse	sparse
<input type="checkbox"/> Shoot: attitude	erect			erect	erect	semi-erect	semi-erect
<input type="checkbox"/> *Shoot: colour of ventral side of internode	completely green			completely green	completely green	completely green	completely green
<input checked="" type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only)	completely green			completely green	completely green	green with red stripes	completely green
<input type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only)	completely green			completely green	completely green	completely green	completely green
<input type="checkbox"/> Shoot: density of erect hairs on internodes	sparse			sparse	sparse	sparse	absent or very sparse
<input type="checkbox"/> Shoot: number of consecutive tendrils	less than three			less than three	less than three	less than three	less than three
<input type="checkbox"/> Shoot: length of tendril	medium			medium	medium	very short to short	short

<input checked="" type="checkbox"/> *Flower: sexual organs	fully developed stamens and no gynoecium	reflexed stamens and fully developed gynoecium	reflexed stamens and fully developed gynoecium	fully developed stamens and no gynoecium	fully developed stamens and no gynoecium	reflexed stamens and fully developed gynoecium	fully developed stamens and no gynoecium
<input type="checkbox"/> *Adult leaf: size of blade	small			small	medium	small	small
<input checked="" type="checkbox"/> *Mature leaf: shape of blade	cordate	pentagonal	pentagonal	cordate	cordate	pentagonal	pentagonal
<input checked="" type="checkbox"/> *Mature leaf: profile in cross section	V-shaped			revolute	revolute	V-shaped	V-shaped
<input type="checkbox"/> *Mature leaf: blistering of upper side of blade	absent or very weak			absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Mature leaf: number of lobes	five			three	none	five	five
<input type="checkbox"/> *Mature leaf: depth of upper lateral sinuses	very shallow			very shallow	very shallow	very shallow	shallow
<input type="checkbox"/> *Mature leaf: arrangement of lobes of upper lateral sinuses	open			open	open	open	open
<input checked="" type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	half open	half open	half open	half open	half open	half open	wide open
<input type="checkbox"/> *Mature leaf: petiole sinus limited by veins	absent			present	absent	absent	absent
<input type="checkbox"/> *Mature leaf: length of teeth	short			short	short	short	short
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	very small			very small	very small	small	small
<input checked="" type="checkbox"/> *Mature leaf: shape of teeth	both sides straight			both sides straight	both sides straight	mixture of both sides straight & both sides convex	both sides convex
<input type="checkbox"/> *Mature leaf: anthocyanin	absent or very weak			absent or very weak	absent or very weak	absent or very weak	absent or very weak

colouration of main veins on upper side of blade							
<input checked="" type="checkbox"/> *Mature leaf: density of prostrate hairs between main veins on lower side of blade	medium		medium	medium	sparse	absent or very sparse	
<input checked="" type="checkbox"/> *Mature leaf: density of erect hairs on main veins on lower side of blade	sparse		sparse	dense	very dense	medium	
<input checked="" type="checkbox"/> Woody shoot: main colour	yellowish brown		yellowish brown	yellowish brown	dark brown	dark brown	
<input type="checkbox"/> Woody shoot: relief of surface	ribbed		ribbed	ribbed	ribbed	ribbed	

Statistical Table

Organ/Plant Part: Context	'Merbein 6262'	'41B'	'K48-38 Lider'	'M61-19'	'M61-36'	'Merbein 5489'	'Merbein 5512'
<input checked="" type="checkbox"/> Leaf lamina: ratio L2/L1							
Mean	0.67	0.78	0.79	0.74	0.67	0.81	0.84
Std. Deviation	0.07	0.13	0.06	0.07	0.08	0.07	0.09
LSD/sig	0.04	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio R2/L1							
Mean	0.66	0.81	0.76	0.72	0.65	0.82	0.84
Std. Deviation	0.06	0.09	0.07	0.08	0.06	0.07	0.06
LSD/sig	0.04	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio L3/L1							
Mean	0.47	0.56	0.51	0.53	0.47	0.57	0.60
Std. Deviation	0.06	0.06	0.05	0.06	0.09	0.05	0.06
LSD/sig	0.05	P≤0.01	ns	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio L1/W1							
Mean	1.17	0.94	0.90	1.12	1.16	0.95	0.97
Std. Deviation	0.12	0.10	0.07	0.10	0.10	0.11	0.11
LSD/sig	0.05	P≤0.01	P≤0.01	P=0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: ratio L1/W2							
Mean	1.07	0.90	1.03	0.99	1.11	0.90	0.85
Std. Deviation	0.09	0.07	0.10	0.20	0.20	0.08	0.07
LSD/sig	0.06	P≤0.01	ns	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf lamina: W1/W2							
Mean	0.92	0.96	1.15	0.89	0.95	0.95	0.89
Std. Deviation	0.08	0.08	0.12	0.21	0.10	0.11	0.08
LSD/sig	0.06	ns	P≤0.01	ns	ns	ns	ns
<input checked="" type="checkbox"/> Leaf: ratio (L1 = petiole length)/petiole length							

Mean	2.78	2.45	2.32	3.00	3.13	2.80	2.82
Std. Deviation	0.17	0.22	0.18	0.27	0.28	0.31	0.33
LSD/sig	0.16	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	ns

Prior Applications and Sales

Nil.

Description: **Stephen Sykes**, CSIRO Plant Industry, Merbein, VIC.

Details of Application

Application Number	2004/075
Variety Name	'Clearwater'
Genus Species	<i>Tulipa</i> hybrid
Common Name	Tulip
Synonym	Nil
Accepted Date	5 Jul 2004
Applicant	Fa. G. & M. Brouwer, Lisse, The Netherlands
Agent	A J Park, Canberra, ACT
Qualified Person	John Verdegaal

Details of Comparative Trial

Overseas Testing	Raad voor Plantenrassen, The Netherlands
Authority	
Overseas Data	TLP 426
Reference Number	
Location	Wageningen, The Netherlands
Descriptor	TG/115/3
Period	1997
Conditions	The overseas data was verified under Australian conditions in Forest, TAS.

Origin and Breeding

Controlled pollination: seed parent 'Duc van Tol' x pollen parent 'Riant'. The seed parent is characterised by pink flower colour. The pollen parent is characterised by lilac/ pink and tinged orange colour flower. The resultant new variety was characterised by white flower colour. The hybridisation was carried out at CPRO, Wageningen, the Netherlands. Selection criteria: flower colour, shape of flower and disease resistance. Propagation: vegetatively propagated for a number of generations and no off-types were seen. Breeder: Fa. G & M Brouwer, the Netherlands.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	white
Flower	shape	rectangular

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Snow Parrot'	Most similar variety in flower colour and flower shape

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Queen of the Night'	Flower colour	white	deep maroon-black

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Clearwater'	'Snow Parrot'
<input type="checkbox"/> *Plant: height	medium to tall	
<input type="checkbox"/> *Plant: number of leaves	few to medium	
<input type="checkbox"/> *Leaf: length	long	
<input type="checkbox"/> *Leaf: width	medium	
<input type="checkbox"/> *Leaf: variegation at margin	absent	
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	
<input type="checkbox"/> *Leaf: undulation of margin	absent or very weak	
<input type="checkbox"/> *Flower: type	single	
<input type="checkbox"/> *Flower: length	medium	
<input type="checkbox"/> *Flower: diameter	medium	
<input type="checkbox"/> *Flower: ratio length/diameter	medium to large	
<input type="checkbox"/> *Flower: shape	ovoid	
<input type="checkbox"/> *Flower: main colour	white	white
<input type="checkbox"/> *Flower: number of colours on outer side	one	
<input checked="" type="checkbox"/> *Flower: incisions of tepal	absent	present
<input type="checkbox"/> *Flower: shape of outer tepal	obovate	
<input type="checkbox"/> *Flower: curvature of distal half of longitudinal axis of outer tepal	straight	
<input type="checkbox"/> *Flower: shape of tip of outer tepal	rounded	
<input type="checkbox"/> *Flower: shape of inner tepal	obovate	
<input type="checkbox"/> *Flower: colour of middle third of outer side of inner tepals (RHS colour chart)	RHS 155B	RHS 155B
<input type="checkbox"/> *Flower: colour of margin of outer side of inner tepals (RHS colour chart)	RHS 155B	
<input type="checkbox"/> *Flower: main colour of macule on inner side of inner tepals (RHS colour chart)	RHS 8A, small yellow spot	
<input type="checkbox"/> *Flower: colour of margin of macule on inner side of inner tepals (RHS colour chart)	gradual transition	
<input type="checkbox"/> *Stamen: number of colours of filament	one	
<input type="checkbox"/> *Stamen: colour of basal half of filament	light yellow	
<input type="checkbox"/> *Stamen: colour of distal half of filament	light yellow	
<input type="checkbox"/> *Stamen: colour of pollen	yellow	

Characteristics Additional to the Descriptor/TG**Organ/Plant Part: Context**

<input type="checkbox"/>	Flower: shape	rectangular	rectangular
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Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	1999	Surrendered	'Clearwater'
New Zealand	2004	Granted	'Clearwater'
EU	2001	Granted	'Clearwater'

First sold in The Netherlands in Mar 2000. First Australian sale Aug 2003.

Description: **John Verdegaal**, Forest, TAS.

Details of Application

Application Number	2007/259
Variety Name	'PPCS1'
Genus Species	<i>Crowea saligna</i>
Common Name	Wax Flower
Synonym	Nil
Accepted Date	22 Nov 2007
Applicant	Prestige Plants Pty Ltd, Whittlesea, VIC
Agent	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Tynong, VIC.
Descriptor	General Descriptor PBR GEN-DES.
Period	Spring to autumn 2007/2008.
Conditions	Plants were grown in 14cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
Trial Design	10 plants in block design.
Measurements	Leaf measurements taken from middle third of stem.
RHS Chart - edition	1995.

Origin and Breeding

Spontaneous mutation: a sport appeared from *Crowea saligna* that had larger leaves and a taller height. Cuttings were taken from the sport and grown to determine distinctness, uniformity and stability. To date no off-types have been recorded. Selection criteria: leaf size, plant size. Propagation: vegetative. Breeder: Craig Junor, Whittlesea, VIC.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	short to medium
Leaf	size	medium to large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Crowea saligna</i>	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Candidate Variety	Comments
<i>Crowea saligna</i>	Plant height large leaf form	short to medium	tall	The plant is much taller than the candidate variety.

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘PPCS1’	<i>Crowea saligna</i>
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: height	short to medium	short
<input type="checkbox"/> Plant: time of beginning of flowering	early	medium
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input checked="" type="checkbox"/> Leaf: size	medium to large	medium
<input type="checkbox"/> Leaf: attitude	erect	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input type="checkbox"/> Leaf: length of petiole	very short	very short
<input type="checkbox"/> Leaf: shape	oblanceolate	oblanceolate
<input checked="" type="checkbox"/> Leaf: shape of apex	broadly acute to rounded	acute
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: undulation of the margin	medium	weak
<input type="checkbox"/> Leaf: shape of cross-section	convex	convex
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	very weak	very weak
<input checked="" type="checkbox"/> Leaf: primary colour (RHS colour chart)	green 143A	green 144A
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> Flower: attitude	erect	erect
<input type="checkbox"/> Flower: diameter	medium	medium
<input type="checkbox"/> Flower: fragrance	present	present
<input type="checkbox"/> Flower: pedicel length	medium	medium
<input type="checkbox"/> Flower: sepal overlapping	absent	absent
<input type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	red-purple 74A	red-purple 74B
<input type="checkbox"/> Petal: predominant colour of lower side (RHS colour chart)	red-purple 74C	red-purple 74C
<input type="checkbox"/> Petal: eye zone (basal spot upper side)	absent	absent
<input type="checkbox"/> Petal: reflexing of margin	absent or very weak	absent or very weak
<input type="checkbox"/> Petal: incision	absent or very weak	absent or very weak
<input type="checkbox"/> Petal: undulation	absent or very weak to weak	absent or very weak to weak

Statistical Table

Organ/Plant Part: Context	'PPCS1'	<i>Crowea saligna</i>
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	57.77	38.34
Std. Deviation	4.55	3.26
LSD/sig	5.76	P≤0.01
<input type="checkbox"/> Leaf: width (mm)		
Mean	15.05	9.03
Std. Deviation	1.92	0.75
LSD/sig	2.28	P≤0.01
<input type="checkbox"/> Leaf: length to width ratio (mm)		
Mean	3.87	4.26
Std. Deviation	0.32	0.36
LSD/sig	0.57	ns

Prior Applications and Sales

Prior applications nil. First sold in Australia in Dec 2006.

Description: **Mark Lunghusen**, Cranbourne, VIC.

Details of Application

Application Number	2004/289
Variety Name	'Livingston'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	29 Nov 2004
Applicant	The University of Sydney and Grains Research and Development Corporation
Agent	SunPrime Seeds, Dubbo, NSW
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	Jun-Dec 2007.
Conditions	Sown into fallowed brown medium clay soil, pH 8.4 (water), Field L3. 50kgN/ha applied as Urea pre planting. Field irrigated pre planting and two subsequent irrigations (approx 30mm each) during growing season Taken from 20 random plants per replicate from approximately 2,500 plants.
Trial Design	Plots arranged in randomised complete blocks, 12m long 2m wide (6 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: development of material followed by pedigree selection. The early cycles of pedigree selection (F₁-F₃) included seedling and adult plant selection for disease resistance. Subsequent further selection for disease resistance (F₃-F₇) coupled with selection for agronomic plant type, grain quality and grain yield were undertaken. Final evaluation for yield, quality and disease resistance was conducted by agencies involved in the Northern Wheat improvement program. Breeder: The University of Sydney, Plant Breeding Institute, Narrabri, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Awns or scur	presence	present
Ear	colour	white
Plant	time of ear emergence	early to medium
Plant	seasonal type	spring
Straw	pith in cross section	thin
Lower glume	shoulder width	narrow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sunvale'	
'Ventura'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Livingston'	'Sunvale'	'Ventura'
<input type="checkbox"/> *Plant: growth habit	intermediate	intermediate to semi-prostrate	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very low to low	absent or very low	low
<input type="checkbox"/> *Time of: ear emergence	early to medium	early	early to medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	strong	strong
<input checked="" type="checkbox"/> *Ear: glaucosity	strong	medium	strong
<input type="checkbox"/> Culm: glaucosity of neck	strong to very strong	strong to very strong	very strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering
<input type="checkbox"/> *Ear: density	lax to medium	medium	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium to long	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white
<input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface	very weak to weak	weak	medium
<input type="checkbox"/> Lower glume: shoulder width	narrow	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	elevated	elevated	slightly sloping to straight
<input checked="" type="checkbox"/> Lower glume: beak length	medium to long	medium to long	short
<input type="checkbox"/> Lower glume: beak shape	straight	straight	straight to slightly curved
<input checked="" type="checkbox"/> Lower glume: extent of internal hair	very weak	medium	weak
<input checked="" type="checkbox"/> Lowest lemma: beak shape	slightly curved	straight	straight
<input type="checkbox"/> *Grain: colour	white	white	white
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Livingston'	'Sunvale'	'Ventura'
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<input type="checkbox"/>	Stripe rust gene Yr18: present/absent	absent	present	absent
<input checked="" type="checkbox"/>	Stem rust gene Sr2: present/absent	present	absent	present
<input type="checkbox"/>	Stripe rust gene Yr17: present/absent	present	present	present
<input type="checkbox"/>	stripe rust gene Yr27: present/absent	present	absent	absent
<input type="checkbox"/>	stem rust gene Sr38: present/absent	present	present	present
<input type="checkbox"/>	Leaf rust gene Lr37: present/absent	present	present	present
<input checked="" type="checkbox"/>	Stem rust gene Sr36: present/absent	absent	present	absent
<input checked="" type="checkbox"/>	Leaf rust gene Lr3: present/absent	absent	present	absent
<input checked="" type="checkbox"/>	Leaf rust gene Lr34: present/absent	absent	present	absent
<input checked="" type="checkbox"/>	Leaf rust gene Lr27: present/absent	present	absent	absent
<input checked="" type="checkbox"/>	Leaf rust gene Lr31: present/absent	present	absent	absent
<input checked="" type="checkbox"/>	Leaf rust gene Lr13: present/absent	absent	absent	present

Statistical Table

Organ/Plant Part: Context	'Livingston'	'Sunvale'	'Ventura'
<input checked="" type="checkbox"/> Plant length: length (mm)			
Mean	739.50	647.66	798.66
Std. Deviation	43.93	30.02	36.74
LSD/sig	58.38	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear length: length (mm)			
Mean	93.28	81.20	108.30
Std. Deviation	7.44	5.54	7.18
LSD/sig	7.28	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Steve Moore**, The University of Sydney Plant Breeding Institute, Narrabri, NSW.

Details of Application

Application Number	2007/174
Variety Name	'Sunvex'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	2 Jul 2008
Applicant	The University of Sydney and Grain Research and Development Corporation (GRDC)
Agent	Australian Grain Technologies, Glen Osmond, SA
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	Jun-Dec 2007.
Conditions	Sown into fallowed brown medium clay soil, pH 8.4 (water), Field L3. 50kgN/ha applied as Urea pre planting. Field irrigated pre planting and two subsequent irrigations (approx 30mm each) during growing season.
Trial Design	Plots arranged in randomised complete blocks, 12m long 2m wide (6 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: The final cross was made in 1995 at the QDPI Leslie Research Centre, Toowoomba. Initial cycles of single plant selection for yellow leaf spot tolerance were conducted at Leslie Research Centre. Subsequent selections (F4-F7) for rust resistance, agronomic type, grain quality and grain yield were undertaken at PBI Cobbitty and PBI Narrabri. Further testing in northern NSW and QLD for grain yield, end-use quality and disease resistance was conducted up to 1995, followed by AGT national and NVT evaluation experiments. Breeder: The University of Sydney, Plant Breeding Institute, Narrabri, NSW.

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Awns or scur	presence	present
Ear	colour	white
Plant	time of ear emergence	early
Plant	seasonal type	spring
Straw	pith in cross section	thin
Lowest lemma	beak shape	straight

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sunvale'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Sunvex'	'Sunvale'
<input type="checkbox"/> *Plant: growth habit	intermediate to semi-prostrate	intermediate to semi-prostrate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very low to low	absent or very low
<input type="checkbox"/> *Time of: ear emergence	early	early
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	strong
<input type="checkbox"/> *Ear: glaucosity	medium to strong	medium
<input type="checkbox"/> Culm: glaucosity of neck	very strong	strong to very strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering
<input type="checkbox"/> *Ear: density	medium	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium	medium
<input type="checkbox"/> *Ear: colour	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	very weak to weak	weak
<input type="checkbox"/> Lower glume: shoulder width	narrow to medium	narrow
<input type="checkbox"/> Lower glume: shoulder shape	elevated	elevated
<input type="checkbox"/> Lower glume: beak length	medium to long	medium to long
<input type="checkbox"/> Lower glume: beak shape	straight	straight
<input checked="" type="checkbox"/> Lower glume: extent of internal hair	very weak to weak	medium
<input type="checkbox"/> Lowest lemma: beak shape	straight	straight
<input type="checkbox"/> *Grain: colour	white	white
<input type="checkbox"/> *Seasonal type:	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sunvex'	'Sunvale'
<input checked="" type="checkbox"/> Stem rust gene Sr24: present/absent	present	absent
<input type="checkbox"/> Stripe rust gene YrAPR: present/absent	present	present

<input type="checkbox"/>	Stripe rust gene Yr17: present/absent	present	present
<input checked="" type="checkbox"/>	Leaf rust gene Lr24: present/absent	present	absent
<input type="checkbox"/>	stem rust gene Sr38: present/absent	present	present
<input type="checkbox"/>	Stripe rust gene Yr18: present/absent	present	present
<input type="checkbox"/>	Leaf rust gene Lr37: present/absent	present	present
<input type="checkbox"/>	Leaf rust gene Lr34: present/absent	present	present
<input type="checkbox"/>	Stem rust gene Sr36: present/absent	present	present
<input checked="" type="checkbox"/>	Leaf rust gene Lr3: present/absent	absent	present

Statistical Table

Organ/Plant Part: Context	'Sunvex'	'Sunvale'
<input type="checkbox"/> Plant length: length (mm)		
Mean	658.83	647.66
Std. Deviation	42.23	30.02
LSD/sig	57.97	ns
<input type="checkbox"/> Ear length: length (mm)		
Mean	87.37	81.20
Std. Deviation	6.37	5.54
LSD/sig	7.27	ns

Prior Applications and Sales

Nil.

Description: **Steve Moore**, The University of Sydney Plant Breeding Institute, Narrabri, NSW.

GRANTS

Agapanthus africanus

AGAPANTHUS

‘Hinag’^ϕ

Application No: 2006/010 Grantee: **Hines Horticulture Inc.**
 Certificate No: 3582 Expiry Date: 8 August, 2028.
 Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Ajuga reptans

BUGLE BELLS, BUGLE VINE

‘Black Scallop’^ϕ

Application No: 2006/030 Grantee: **Mike Tristram**.
 Certificate No: 3622 Expiry Date: 23 September, 2028.
 Agent: **Plants Management Australia**, Dodges Ferry, TAS.

Alstroemeria hybrid

PERUVIAN LILY

‘Konimpa’^ϕ

Application No: 2006/084 Grantee: **Konst Breeding B.V.**
 Certificate No: 3616 Expiry Date: 19 September, 2028.
 Agent: **Ball Australia- postal address for service of notice on the applicant Konst Breeding B.V.**,
 Dandenong South, VIC.

Arachis hypogaea

PEANUT, GROUND NUT

‘Georgia Hi/OL’^ϕ syn Reid^ϕ

Application No: 2006/002 Grantee: **The University of Georgia Research Foundation, Inc.**
 Certificate No: 3618 Expiry Date: 19 September, 2028.
 Agent: **Peanut Company of Australia Limited**, Kingaroy, QLD.

OATS

‘Dawson’^ϕ

Application No: 2007/241 Grantee: **NDSU Research Foundation**.
 Certificate No: 3597 Expiry Date: 12 September, 2028.
 Agent: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

Brassica napus

CANOLA

‘AV-Jade’^ϕ

Application No: 2005/231 Grantee: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC and
Grains Research and Development Corporation, Barton, ACT.
 Certificate No: 3574 Expiry Date: 30 July, 2028.

‘AV-Opal’^ϕ

Application No: 2005/230 Grantee: **Agriculture Victoria Services Pty Ltd** Attwood, VIC and **Grains Research and Development Corporation**, Barton, ACT.
Certificate No: 3575 Expiry Date: 30 July, 2028.

‘AV-Ruby’^ϕ

Application No: 2005/229 Grantee: **Agriculture Victoria Services Pty Ltd** Attwood, VIC and **Grains Research and Development Corporation**, Barton, ACT.
Certificate No: 3576 Expiry Date: 30 July, 2028.

‘Tranby’^ϕ

Application No: 2004/008 Grantee: **Western Australian Agriculture Authority**, Bentley Delivery Centre, WA.
Certificate No: 3586 Expiry Date: 2 September, 2028.

Cordyline australis

CORDYLINE, CABBAGE TREE

‘Kau01’^ϕ

Application No: 2006/126 Grantee: **Kauri Park Nurseries Ltd**.
Certificate No: 3619 Expiry Date: 19 September, 2028.
Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

Cordyline fruticosa

CORDYLINE, TI PLANT, CABBAGE TREE

‘BRA01’^ϕ

Application No: 2004/133 Grantee: **Peter Brauns**.
Certificate No: 3617 Expiry Date: 19 September, 2028.
Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Cordyline hybrid

CORDYLINE, CABBAGE TREE, TI

‘Tana’^ϕ syn Renegade^ϕ

Application No: 2007/010 Grantee: **Evan David Lloyd**.
Certificate No: 3588 Expiry Date: 10 September, 2028.
Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

Dactylis glomerata

COCKSFOOT

‘Megatas’^ϕ

Application No: 2005/197 Grantee: **University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment**, Kings Meadows, TAS.

Certificate No: 3571 Expiry Date: 10 July, 2028.

Fragaria xananassa

STRAWBERRY

‘Albion’^ϕ

Application No: 2004/332 Grantee: **The Regents of the University of California.**
 Certificate No: 3585 Expiry Date: 2 September, 2028.
 Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

‘Cal Giant 5’^ϕ syn Galexia^ϕ

Application No: 2005/340 Grantee: **California Giant, Inc..**
 Certificate No: 3587 Expiry Date: 10 September, 2028.
 Agent: **State of Queensland through its Department of Primary Industries and Fisheries**,
 Brisbane, QLD.

Hordeum vulgare

BARLEY

‘Pacific Ranger’^ϕ syn AC Ranger^ϕ

Application No: 2006/299 Grantee: **Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food Canada.**
 Certificate No: 3609 Expiry Date: 16 September, 2028.
 Agent: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

‘Urambie’^ϕ

Application No: 2005/349 Grantee: **Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation**, Orange, NSW.
 Certificate No: 3591 Expiry Date: 12 September, 2028.

Leucospermum cuneiforme

WART-STEMMED PINCUSHION

‘LS005A01’^ϕ

Application No: 2007/001 Grantee: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.
 Certificate No: 3613 Expiry Date: 19 September, 2028.

Lomandra filiformis subsp *coriacea*

LOMANDRA

‘LMF500’^ϕ

Application No: 2004/249 Grantee: **Ozbreed Pty Ltd**, Richmond, NSW.
 Certificate No: 3612 Expiry Date: 17 September, 2028.

Medicago sativa

LUCERNE

‘SARDI Five’^ϕ syn Super Five^ϕ

Application No: 2006/016 Grantee: **Minister for Agriculture, Food and Fisheries.**
 Certificate No: 3572 Expiry Date: 10 July, 2028.
 Agent: **Heritage Seeds Pty Ltd**, Mulgrave, VIC.

Ozothamnus diosmifolius

RICEFLOWER

‘Winter White’^ϕ

Application No: 2006/215 Grantee: **E.G & E.R. Cook**, Helidon, QLD.
 Certificate No: 3573 Expiry Date: 30 July, 2028.

Phormium tenax

NEW ZEALAND FLAX

‘PHORD1’^ϕ

Application No: 2004/250 Grantee: **Ozbreed Pty Ltd**, Richmond, NSW.
 Certificate No: 3596 Expiry Date: 12 September, 2028.

Pittosporum tenuifolium

PITTOSPORUM, KOHUHU, TAWHIWHI

‘EMERALDSTAR’^ϕ

Application No: 2003/080 Grantee: **Grant Farmer McKechnie.**
 Certificate No: 3598 Expiry Date: 12 September, 2033.
 Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

‘Golf Ball’^ϕ

Application No: 2006/213 Grantee: **M & R Fyfe.**
 Certificate No: 3594 Expiry Date: 12 September, 2033.
 Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

Polygala xdalmaisiana

POLYGALA

‘Whitepol’^ϕ

Application No: 2006/087 Grantee: **Chris Cristou**, Werribee South, VIC.
 Certificate No: 3592 Expiry Date: 12 September, 2028.

Prunus avium

SWEET CHERRY

‘Dame Nancy’^ϕ

Application No: 2003/148 Grantee: **Minister for Agriculture, Food and Fisheries.**
 Certificate No: 3593 Expiry Date: 12 September, 2033.

Agent: **Australian Nurseryman's Fruit Improvement Company Limited**, Bathurst, NSW.

Rosa hybrid

ROSE

‘Grandtang’^ϕ

Application No: 2006/115 Grantee: **Mr H Schreuders**.
Certificate No: 3614 Expiry Date: 19 September, 2028.
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Kribigpea’^ϕ

Application No: 2004/012 Grantee: **Lux Riviera S.r.l.**.
Certificate No: 3615 Expiry Date: 19 September, 2028.
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

Rubus idaeus

RASPBERRY

‘Maravilla’^ϕ

Application No: 2003/338 Grantee: **Driscoll Strawberry Associates, Inc.**
Certificate No: 3623 Expiry Date: 23 September, 2028.
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

Scaevola aemula

FANFLOWER

‘Scacover’^ϕ

Application No: 2005/325 Grantee: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.
Certificate No: 3621 Expiry Date: 23 September, 2028.

Solanum tuberosum

POTATO

‘SUMMER DELIGHT’^ϕ **syn Golden Cream**^ϕ

Application No: 2006/249 Grantee: **New Zealand Institute for Crop & Food Research Limited**.
Certificate No: 3599 Expiry Date: 12 September, 2028.
Agent: **Crop & Food Research Australia Pty Ltd**, Bowna Via ALBURY, NSW.

Stenotaphrum secundatum

BUFFALO GRASS, ST AUGUSTINE GRASS

‘TF01’^ϕ

Application No: 2007/245 Grantee: **Transvaal Park Pty Ltd**, Beaudessert, QLD.
Certificate No: 3624 Expiry Date: 25 September, 2028.

Strobilanthes anisophyllus

‘Goldust’^ϕ

Application No: 2007/111 Grantee: **Valdis and Solveiga Schutz**, Arcadia, NSW.
Certificate No: 3595 Expiry Date: 12 September, 2028.

Stromanthe sanguinea

‘Valmic’^ϕ syn Magic Star^ϕ

Application No: 2007/049 Grantee: **GEBR. VALSTAR BEHEER BV**.
Certificate No: 3577 Expiry Date: 30 July, 2028.
Agent: **Futura Promotions Pty Ltd**, Redland Bay, QLD.

Triticum aestivum

WHEAT

‘Axe’^ϕ

Application No: 2007/117 Grantee: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.
Certificate No: 3607 Expiry Date: 16 September, 2028.

‘BARHAM’^ϕ

Application No: 2006/205 Grantee: **Agriculture Victoria Services Pty Ltd Attwood, VIC and Grains Research and Development Corporation**, Barton, ACT.
Certificate No: 3581 Expiry Date: 31 July, 2028.
Agent: **Australian Grain Technologies Pty Ltd**, Roseworthy, SA.

‘Bolac’^ϕ

Application No: 2006/303 Grantee: **Agriculture Victoria Services Pty Ltd Attwood, VIC and Grains Research and Development Corporation**, Barton, ACT.
Certificate No: 3579 Expiry Date: 31 July, 2028.
Agent: **Australian Grain Technologies Pty Ltd**, Roseworthy, SA.

‘Bullaring’^ϕ

Application No: 2005/346 Grantee: **InterGrain Pty Ltd**, Victoria Park, WA.
Certificate No: 3604 Expiry Date: 15 September, 2028.

‘Correll’^ϕ

Application No: 2006/048 Grantee: **Australian Grain Technologies Pty Ltd, Roseworthy, SA and The University of Adelaide**, Adelaide, SA.
Certificate No: 3580 Expiry Date: 31 July, 2028.
Agent: **Australian Grain Technologies Pty Ltd**, Roseworthy, SA.

‘EGA Blanco’^ϕ

Application No: 2003/252 Grantee: **InterGrain Pty Ltd**, Victoria Park, WA.
Certificate No: 3602 Expiry Date: 15 September, 2028.

‘EGA Burke’^ϕ

Application No: 2006/008 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries**, Brisbane, QLD, **Department of Primary Industries for and on behalf of the State of New South Wales**, Orange, NSW and **Grains Research and Development Corporation**, Barton, ACT.

Certificate No: 3584 Expiry Date: 29 August, 2028.

‘EGA Castle Rock’^ϕ

Application No: 2003/253 Grantee: **InterGrain Pty Ltd**, Victoria Park, WA.

Certificate No: 3603 Expiry Date: 15 September, 2028.

‘EGA Eaglehawk’^ϕ

Application No: 2006/273 Grantee: **Department of Primary Industries for and on behalf of the State of New South Wales**, Orange, NSW, **State of Queensland through its Department of Primary Industries and Fisheries**, Brisbane, QLD, **Grains Research and Development Corporation**, Barton, ACT.

Certificate No: 3569 Expiry Date: 3 July, 2028.

‘EGA Eagle Rock’^ϕ

Application No: 2004/197 Grantee: **InterGrain Pty Ltd**, Victoria Park, WA.

Certificate No: 3601 Expiry Date: 15 September, 2028.

‘EGA Jitarning’^ϕ

Application No: 2003/254 Grantee: **InterGrain Pty Ltd**, Victoria Park, WA.

Certificate No: 3600 Expiry Date: 15 September, 2028.

‘EGA Kidman’^ϕ

Application No: 2006/007 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries**, Brisbane, QLD, **Department of Primary Industries for and on behalf of the State of New South Wales** Orange, NSW and **Grains Research and Development Corporation**, Barton, ACT.

Certificate No: 3583 Expiry Date: 29 August, 2028.

‘Espada’^ϕ

Application No: 2007/322 Grantee: **Australian Grain Technologies Pty Ltd**, Roseworthy, SA.

Certificate No: 3620 Expiry Date: 19 September, 2028.

‘Gladius’^ϕ

Application No: 2006/302 Grantee: **Australian Grain Technologies Pty Ltd**, Roseworthy, SA.

Certificate No: 3610 Expiry Date: 17 September, 2028.

‘QAL1064’^ϕ

Application No: 2006/291 Grantee: **Allied Mills Australia Pty Ltd**, **Arnott's Biscuits Ltd**, Summer Hill, NSW.

Certificate No: 3611 Expiry Date: 17 September, 2028.

‘Tammarin Rock’^ϕ

Application No: 2005/016 Grantee: **InterGrain Pty Ltd**, Victoria Park, WA.
 Certificate No: 3605 Expiry Date: 15 September, 2028.

‘YENDA’^ϕ

Application No: 2006/207 Grantee: **Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation**.
 Certificate No: 3578 Expiry Date: 31 July, 2028.
 Agent: **Australian Grain Technologies Pty Ltd**, Roseworthy, SA.

Triticum turgidum ssp turgidum

DURUM WHEAT

‘HYPERNO’^ϕ

Application No: 2007/300 Grantee: **Australian Grain Technologies Pty Ltd**, Roseworthy, SA.
 Certificate No: 3589 Expiry Date: 11 September, 2028.

Vaccinium hybrid

SOUTHERN Highbush BLUEBERRY

‘C97-390’^ϕ

Application No: 2005/080 Grantee: **CostaExchange Ltd**, Corindi Beach, NSW.
 Certificate No: 3568 Expiry Date: 3 July, 2028.

‘C99-42’^ϕ

Application No: 2005/082 Grantee: **CostaExchange Ltd**, Corindi Beach, NSW.
 Certificate No: 3570 Expiry Date: 3 July, 2028.

Vicia faba

FIELD BEAN

‘Doza’^ϕ

Application No: 2007/161 Grantee: **Department of Primary Industries for and on behalf of the State of New South Wales**, Orange, NSW and **Grains Research and Development Corporation**, Barton, Act.
 Certificate No: 3590 Expiry Date: 11 September, 2028.

xTriticosecale

TRITICALE

‘Hawkeye’^ϕ

Application No: 2007/234 Grantee: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.
 Certificate No: 3608 Expiry Date: 16 September, 2028.

‘Jaywick’^ϕ

Application No: 2007/235 Grantee: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.
 Certificate No: 3606 Expiry Date: 16 September, 2028.

Denomination Changed

App. No	Genus	Species	Variety	Common Name	Changed From	Changed To
2007/019	<i>Acacia</i>	<i>cognata</i>	Lime Cascade	Bower Wattle	Goldcog2	Lime Cascade
2005/354	<i>Acacia</i>	<i>cognata</i>	Mini Cog	Bower Wattle	Goldcog	Mini Cog
2008/030	<i>Patersonia</i>	<i>occidentalis</i>	Little Pat	Long Purple-flag	Bushpat	Little Pat
2007/223	<i>Saccharum</i>	hybrid	Q235	Sugarcane	QS96-2174	Q235
2007/020	<i>Tristaniopsis</i>	<i>laurina</i>	Winter Red	Kanooka	Goldgum	Winter Red
2005/069	<i>Vitis</i>	<i>berlandieri</i>	Merbein 5489	Sweet Mountain Grape	M54-89	Merbein 5489
2005/068	<i>Vitis</i>	<i>berlandieri</i>	Merbein 5512	Sweet Mountain Grape	M55-12	Merbein 5512
2005/066	<i>Vitis</i>	<i>cinerea</i>	Merbein 6262	Sweet Winter Grape	M62-62	Merbein 6262

Synonym Changed

App. No	Genus	Species	Variety	Common Name	Changed From	Changed To
2008/087	<i>Acmena</i>	<i>smithii</i>	BWNFIR	Lilly Pilly	Fireworks	Firescreen

Assignment of Rights

App. No	Genus	Species	Variety	Common Name	Changed From	Changed To
2003/325	<i>Hydrangea</i>	<i>macrophylla</i>	Rasat	Hydrangea	Jungpflanzen rampp GmbH	Kwekerij "de Stadsweiden"
2006/018	<i>Festuca</i>	<i>arundinacea</i>	Origin	Tall Fescue	Upper Murray Seeds Pty Ltd	Sheldon Agri Pty Ltd
2006/019	<i>Festuca</i>	<i>arundinacea</i>	Carmane	Tall Fescue	Upper Murray Seeds Pty Ltd	Sheldon Agri Pty Ltd
2005/337	<i>Lolium</i>	<i>multiflorum</i>	Rocket LM	Italian Ryegrass	Upper Murray Seeds Pty Ltd	Sheldon Agri Pty Ltd
2005/336	<i>Lolium</i>	<i>multiflorum</i>	Diplex II	Italian Ryegrass	Upper Murray Seeds Pty Ltd	Sheldon Agri Pty Ltd
2004/061	<i>Lolium</i>	<i>multiflorum</i>	Charger Gold	Italian Ryegrass	Upper Murray Seeds Pty Ltd	Sheldon Agri Pty Ltd

Change of Agent

App. No	Genus	Species	Variety	Common Name	Changed From	Changed To
2001/265	<i>Rosa</i>	hybrid	MASmabay	Rose	The Rose Garden Pty Ltd	Knights Roses Pty Ltd
2002/300	<i>Rosa</i>	hybrid	Maswicri	Rose	The Rose Garden Pty Ltd	Knights Roses Pty Ltd
2001/263	<i>Rosa</i>	hybrid	MASpaujeu	Rose	The Rose Garden Pty Ltd	Knights Roses Pty Ltd
2001/264	<i>Rosa</i>	hybrid	MASdogui	Rose	The Rose Garden Pty Ltd	Knights Roses Pty Ltd
2008/204	<i>Cucumis</i>	<i>melo</i>	ATITLAN		Seminis Vegetable Seeds New Zealand Ltd	Monsanto Australia Limited
2007/224	<i>Pisum</i>	<i>sativum</i>	XP 08530727	Field Pea	Seminis Vegetable Seeds New Zealand Ltd	Monsanto Australia Limited
2006/183	<i>Lomandra</i>	<i>longifolia</i>	WAU 65	Spiny Headed Mat Rush		Ozbreed Pty Ltd
2006/181	<i>Dianella</i>	<i>caerulea</i>	DC150	Blue Flax-Lily		Ozbreed Pty Ltd
2006/182	<i>Dianella</i>	<i>caerulea</i>	DC101	Blue Flax-Lily		Ozbreed Pty Ltd
2008/086	<i>Acmena</i>	<i>smithii</i>	BWNRED	Lilly Pilly		Ozbreed Pty Ltd
2005/047	<i>Anigozanthos</i>	hybrid	Amber Velvet	Kangaroo Paw		Ozbreed Pty Ltd
2005/048	<i>Anigozanthos</i>	hybrid	Gold Velvet	Kangaroo Paw		Ozbreed Pty Ltd
2006/012	<i>Anigozanthos</i>	hybrid	Regal Velvet	Kangaroo Paw		Ozbreed Pty Ltd

Change of Applicant's Name

App. No	Genus	Species	Variety	Common Name	Changed From	Changed To
2006/338	<i>Dactylis</i>	<i>glomerata</i>	Drover	Cocksfoot	Stewart Sutherland	Sheldon Agri Pty Ltd
2006/337	<i>Lolium</i>	<i>multiflorum</i>	Awesome LM	Italian Ryegrass	Stewart Sutherland	Sheldon Agri Pty Ltd
2006/336	<i>Phalaris</i>	<i>aquatica</i>	Stockman	Phalaris	Stewart Sutherland	Sheldon Agri Pty Ltd
2006/335	<i>Lolium</i>	<i>perenne</i>	Award II	Perennial Ryegrass	Stewart Sutherland	Sheldon Agri Pty Ltd
2006/334	<i>Phalaris</i>	<i>aquatica</i>	Grazier	Phalaris	Stewart Sutherland	Sheldon Agri Pty Ltd
2006/333	<i>Lolium</i>	<i>perenne</i>	Phar Lap	Perennial Ryegrass	Stewart Sutherland	Sheldon Agri Pty Ltd
2006/332	<i>Lolium</i>	<i>perenne</i>	Ringer LP	Perennial Ryegrass	Stewart Sutherland	Sheldon Agri Pty Ltd
2006/331	<i>Festuca</i>	<i>arundinacea</i>	Charlem	Tall Fescue	Stewart Sutherland	Sheldon Agri Pty Ltd
2006/330	<i>Lolium</i>	<i>perenne</i>	Everlast	Perennial Ryegrass	Stewart Sutherland	Sheldon Agri Pty Ltd
2006/329	<i>Festuca</i>	<i>arundinacea</i>	Pastoral FA	Tall Fescue	Stewart Sutherland	Sheldon Agri Pty Ltd
1996/041	<i>Lolium</i>	<i>multiflorum</i>	Robust	Italian Ryegrass	Stewart Sutherland	Sheldon Agri Pty Ltd

Withdrawn

The following varieties are no longer under provisional protection:

App. No	Genus	Species	Common Name	Variety	Synonym
2003/274	<i>Argyranthemum</i>	<i>frutescens</i>	Marguerite Daisy	Supagem	
2003/273	<i>Argyranthemum</i>	<i>frutescens</i>	Marguerite Daisy	Supaglow	
1996/101	<i>Astrebla</i>	<i>lappacea</i>	Mitchell Grass	YANDA	
1996/100	<i>Astrebla</i>	<i>pectinata</i>	Mitchell Grass	TURANTI	
2001/218	<i>Begonia</i>	<i>rex</i>	Begonia	Escargot	
2007/029	<i>Citrus</i>	<i>reticulata</i>	Mandarin	Christina Early	Tina Early
2007/108	<i>Dianella</i>	<i>revoluta</i>	Spreading Flax-Lily	DR2007	
2007/136	<i>Gazania</i>	<i>xhybrida</i>	Gazania	Sugaby	
2007/137	<i>Gazania</i>	<i>xhybrida</i>	Gazania	Sugary	
2007/228	<i>Griselinia</i>	<i>littoralis</i>	Griselinia	Whenuapai	
2005/027	<i>Lavandula</i>	<i>pedunculata</i> subsp. <i>Pedunculata</i>	Italian Lavender	LAVSTS12	Pastel Dreams
2007/065	<i>Lomandra</i>	<i>hystrix</i>	Spiny Headed Mat Rush	Little Trixie	
2007/186	<i>Rosa</i>	hybrid	Rose	Selpremier	
2007/082	<i>Rosa</i>	hybrid	Rose	WEKsacsoul	Be Bop

Surrendered

The following varieties are no longer under PBR protection:

App. No	Genus	Species	Variety	Synonym	Common name
1999/214	<i>Agapanthus</i>	<i>praecox ssp. orientalis</i>	Silver Sword		African Lily
2003/212	<i>Angelonia</i>	hybrid	Balangimla		Angelonia
2003/210	<i>Angelonia</i>	hybrid	Balanglapi		Angelonia
2003/209	<i>Angelonia</i>	hybrid	Balangpili		Angelonia
2004/004	<i>Antirrhinum</i>	<i>majus</i>	Balumrest		Snapdragon
1994/120	<i>Argyranthemum</i>	<i>frutescens</i>	SUMMER PINK		Marguerite Daisy
1994/100	<i>Argyranthemum</i>	sp	SUMMER ANGEL		Marguerite Daisy
1994/101	<i>Argyranthemum</i>	sp	SURPRISE PARTY		Marguerite Daisy
2001/149	<i>Brassica</i>	<i>napus var. oleifera</i>	44C73		Canola
2001/151	<i>Brassica</i>	<i>napus var. oleifera</i>	45C75		Canola
2003/054	<i>Diascia</i>	<i>barbarae</i>	Pendan		Twinspur
2006/029	<i>Diascia</i>	<i>barbarae</i>	Pender	Little Dreamer	Twinspur
1998/210	<i>Festuca</i>	<i>arundinacea</i>	Currawong		Tall Fescue
1998/209	<i>Festuca</i>	<i>arundinacea</i>	Encore		Tall Fescue
1994/113	<i>Impatiens</i>	hybrid	CELEBRATION PURE WHITE		Impatiens
2001/346	<i>Impatiens</i>	hybrid	Kicabo	Cabo Blanco	New Guinea Impatiens
2003/217	<i>Impatiens</i>	<i>walleriana</i>	Balpixbros		Busy Lizzie
2003/219	<i>Impatiens</i>	<i>walleriana</i>	Balpixpico		Busy Lizzie
2003/221	<i>Impatiens</i>	<i>walleriana</i>	Balpixreco		Busy Lizzie
2003/220	<i>Impatiens</i>	<i>walleriana</i>	Balpixed		Busy Lizzie
2003/218	<i>Impatiens</i>	<i>walleriana</i>	Balpipropi		Busy Lizzie
2003/222	<i>Impatiens</i>	<i>walleriana</i>	Balpixsang		Busy Lizzie
2002/376	<i>Impatiens</i>	<i>walleriana</i>	Cobimpbug		Busy Lizzie
1999/157	<i>Impatiens</i>	<i>walleriana</i>	Codimpca		Busy Lizzie
1992/011	<i>Lolium</i>	<i>perenne</i>	GRASSLANDS LINCOLN		Perennial Ryegrass
1997/114	<i>Malus</i>	<i>domestica</i>	Lochbuie Red Braeburn		Apple
1996/036	<i>Medicago</i>	<i>sativa</i>	Grasslands Torlesse		Lucerne
1998/071	<i>Medicago</i>	<i>sativa</i>	PR5681	L55	Lucerne
1998/069	<i>Medicago</i>	<i>sativa</i>	PR5939		Lucerne
2002/360	<i>Nemesia</i>	hybrid	Balarlipi		Nemesia
2003/092	<i>Nemesia</i>	hybrid	Confetti Purple		Nemesia
2003/090	<i>Nemesia</i>	hybrid	Confetti White		Nemesia
2000/073	<i>Pelargonium</i>	<i>peltatum</i>	Balcolav	Colorcade Lavender Glow	Ivy Pelargonium
2002/079	<i>Plectranthus</i>	hybrid	Coral Cloud		Spurflower
2002/082	<i>Plectranthus</i>	<i>purpuratus</i> x <i>Plectranthus</i>	Amanda		Spurflower

		<i>strigosus</i>			
2002/080	<i>Plectranthus</i>	<i>saccatus X Plectranthus hilliardiae</i>	Edelblau	Blue Angel	Spurflower
2001/111	<i>Rhododendron</i>	hybrid	Princess Rosey		Azalea
2000/171	<i>Rhododendron</i>	<i>simsii</i>	Meggy		Azalea
2001/110	<i>Rhododendron</i>	<i>simsii</i>	Rena		Azalea
1998/218	<i>Robinia</i>	hybrid	UNIGOLD		Black locust
2000/168	<i>Rosa</i>	hybrid	Fortian		Rose
2001/213	<i>Rosa</i>	hybrid	Grandchant		Rose
2001/210	<i>Rosa</i>	hybrid	Grandhoti		Rose
2005/227	<i>Rosa</i>	hybrid	Nirprodbic		Rose
2003/241	<i>Rosa</i>	hybrid	POULra004		Rose
1996/028	<i>Santalum</i>	<i>acuminatum</i>	Frahn's Paringa Gem		Sweet Quandong
1995/259	<i>Schlumbergera</i>	<i>xreginae</i>	CARMEN		Schlumbergera
1995/131	<i>Schlumbergera</i>	<i>xreginae</i>	SWAN LAKE		Schlumbergera
2001/204	<i>Sutera</i>	<i>cordata</i>	Bacoble		Bacopa
2003/170	<i>Triticum</i>	<i>aestivum</i>	GBA Combat		Wheat

Grants Expired

The following varieties are no longer under PBR protection:

App. No	Variety	Genus	Species	Common Name
1988/001	Hidden Valley A4	<i>Macadamia</i>	<i>integrifolia</i>	Macadamia
1988/002	HIDDEN VALLEY A16	<i>Macadamia</i>	<i>integrifolia</i>	Macadamia
1988/003	YOUNG AT HEART	<i>Rosa</i>	hybrid	Rose
1988/006	MADAME BUTTERFLY	<i>Schlumbergera</i>	<i>xreginae</i>	Schlumbergera
1988/009	SPLENDA	<i>Setaria</i>	<i>sphacelata</i>	South African Pigeon Grass
1988/010	PROGROW	<i>Lolium</i>	<i>multiflorum</i>	Italian Ryegrass
1988/028	HOBSON	<i>Brassica</i>	<i>napus</i>	Canola

Corrigenda

Cordyline australis

‘Jel01’

Application No: 2005/063

Journal Reference: PVJ20.4

The Origin and Breeding section for *Cordyline australis* ‘Jel01’ (App. No: 2005/063) published in PVJ 20.4 should read as follows:

Open pollination: *Cordyline australis* ‘Jel01’ was selected in Otaki, New Zealand as a seedling selection from a wild population of *Cordyline australis* ‘Purpurea’, by Geoff Jewell. The new variety was selected from amongst thousands of seedlings that had been cultivated from seeds collected in the wild. Selection criteria: upright growth habit, foliage colour. Propagation: all future generations have been propagated by tissue culture, and have remained true to type with no recordings of variation from the initial selection. Breeder: All work has been conducted by Geoff Jewell, settlement Road, Otaki, New Zealand.

Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 21 Issue 3**) are listed below:

- [Home](#)
- [Appendix 1 - Fees](#)
- [Appendix 2 - Plant Breeder's Rights Advisory Committee](#)
- [Appendix 3 - Index of Accredited Consultant 'Qualified Persons'](#)
- [Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'](#)
- [Appendix 5 - Addresses of UPOV and Member States](#)
- [Appendix 6 - Centralised Testing Centres](#)
- [Appendix 7 - List of Plant Classes for Denomination Purposes](#)
- [Appendix 8 - Register of Plant Varieties](#)

APPENDIX 1

FEES

Two fee structures exist as a result of the transition from Plant Variety Rights to Plant Breeders Rights. For new applications (those lodged on or after 11 November 1994) the PBR fees apply. For older applications lodged before 11 November 1994 and not finally disposed of (Granted, Withdrawn, Refused etc.) the PVR fees in force at the time apply.

The Treasurer has determined that all statutory fees under PBR regulations will be exempted from GST.

Payment of Fees

All cheques for fees should be made payable and sent to:

Collector of Public Monies
C/-Plant Breeders Rights Office, IP Australia
GPO Box 200
Woden, ACT 2606

The **application fee** (\$300) must accompany the application at the time of lodgement.

Consequences of not paying fees when due

Application fee

Should an application not be accompanied by the prescribed application fee the application will be deemed to be 'non-valid' and neither assigned an application number nor examined for acceptance pending the payment of the fee.

Examination fee

Non-payment of the examination fee of an application will automatically result, at the end of 12 months from the date of acceptance¹, in a refusal of the application. The consequences of refusal are the same as for applications deemed to be inactive (see 'inactive applications' below).

Consideration of a request for an extension of the period of provisional protection from the initial 12-month period may require the prior payment of the examination fee.

Certificate fee

Following the successful completion of the examination, including the public notice period, the applicant will be required and invoiced to pay the certification fee. Payment of the certification fee is a prerequisite to granting PBR and issuing the official certificate by the PBR office. Failure to pay the fee may result in a refusal to grant PBR.

Annual fee

Should an annual renewal fee not be paid within 30 days after the due date, the grant of PBR will be revoked under Section 50 of the PBR Act. To assist grantees, the PBR office will invoice grantees or their Australian agents for renewal fees.

Inactive applications

An application will be deemed inactive if, after 24 months of provisional protection (or 12 months in the case of non-payment of the examination fee) the PBR Office has not received a completed application or has not been advised to proceed with the examination or an extension of provisional protection has not been requested or not granted or a certificate fee has not been paid. Inactive applications will be examined and, should they not fully comply with Section 44 of the PBR Act 1994, they will be refused. As a result provisional protection will lapse, priority claims on that variety will be

¹ The time limit to pay examination fees on imported varieties can be deferred for a maximum of 12 months after the variety has been released from quarantine. Contact the PBR Office for further details.

lost and should the variety have been sold, it will be ineligible for plant breeders rights on reapplication. Continued use of labels or any other means to falsely imply that a variety is protected after the application has been refused is an offence under Section 75 of the Act.

FEES				
Basic Fees	Schedule			
	A	B	C	D
	\$			
Application	300	300	400	300
Examination - per application	1400	1200	1400	800
Certificate	300	300	250	300
Total Basic Fees	2000	1800	2050	1400
Annual Renewal - all applications	300			
Schedule				
A	Single applications and applications based on an official overseas test reports.			
B	Applicable when two or more Part 2 Applications are lodged simultaneously and the varieties are of the same genus and the examinations can be completed at one location at the same time.			
C	Applications lodged under PVR (prior to 10 th Nov 1994)			
D	Applicable to 5 or more applications examined at an Accredited Centralised Testing Centre			
Other Fees				
Variation to application(s) - per hour or part thereof				75
Change of Assignment - per application				100
Copy of an application (Part1 and/or Part2) , an objection or a detailed description				50
Copy of an entry in the Register				50
Lodging an objection				100
Annual subscription to Plant Varieties Journal				40
Back issues of Plant Varieties Journal				14
Administration - Other work relevant to PBR - per hour or part thereof				75
Application for declaration of essential derivation				800
Application for (a) revocation of a PBR				500
(b) revocation of a declaration of essential derivation				500
Compulsory licence				500
Request under subsection 19(11) for exemption from public access - varieties with no direct use as a consumer				100

APPENDIX 2**Plant Breeders Rights Advisory Committee (PBRAC)**

(Members of the PBRAC hold office in accordance with Section 85 of the *Plant Breeder's Rights Act 1994*.)

Committee Members

<p>Member Representing Plant Breeders</p> <p>Dr Paul Brennan Rock Valley Post Office via Lismore 1201 Cawongla Rd LARNOOK NSW 2480</p>	<p>Member Representing Plant Breeders</p> <p>Dr Glenn Dale Saltgrow PO Box 575 ASHGROVE QLD 4060</p>
<p>Member Representing Users</p> <p>Vacant</p>	<p>Member Representing Consumers</p> <p>Ms Anne Pye PO Box 1538 MT BARKER SA 5251</p>
<p>Member Representing Conservation Interests</p> <p>Mr Bruce Lloyd Fairley downs 5250 Barmah-Shepparton Road TALLYGAROPNA VIC 3634</p>	<p>Member Representing Indigenous Interests</p> <p>Mr John Collyer Worn Gundidj Aboriginal Cooperative PO Box 1134 Warrnambool VIC 3280</p>
<p>Member with Appropriate Qualifications</p> <p>Mr Benny Browne Griffith Hack 509 St Kilda Road MELBOURNE VIC 3004</p>	<p>Member with Appropriate Qualifications</p> <p>Professor Brad Sherman TC Beirne School of Law The University of Queensland ST LUCIA QLD 4072</p>
<p>Registrar (Chair)</p> <p>Mr Doug Waterhouse IP Australia PO Box 200 Woden ACT 2606</p>	

APPENDIX 3 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

The following persons have been accredited by the PBR office based on information provided by these persons. From the information provided by the applicants, the PBR office believes that these people can fulfil the role of 'qualified person' in the application for plant breeder's rights. Neither accreditation nor publication of a name in the list of persons is an implicit recommendation of the person so listed. The PBR office cannot be held liable for damages that may arise from the omission or inclusion of a person's name in the list nor does it assume any responsibility for losses or damages arising from agreements entered into between applicants and any person in the list of accredited persons. Qualified persons charge a fee for services rendered.

A guide to the use of the index of consultants:

- locate in the left column of Table 1 the plant group for which you are applying;
- listed in the right column are the names of accredited qualified persons from which you can choose a consultant;
- in Table 2 find that consultant's name, telephone number and area in which they are willing to consult (they may consult outside the nominated area);
- using the "Nomination of Qualified Person" form as a guide, agree provisionally on the scope and terms of the consultancy; complete the form and attach it to Part 1 of the application form;
- when you are notified that your nomination of a consultant qualified person is acceptable in the letter of acceptance of your application for PBR you should again consult the qualified person when planning the rest of the application for PBR.

TABLE 1

PLANT GROUP/SPECIES/FAMILY	CONSULTANT'S NAME (TELEPHONE AND AREA IN TABLE 2)
Actinidia	Lye, Colin Paananen, Ian Richards, Graeme
Agapanthus	Paananen, Ian
Almonds	Granger, Andrew Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Buchanan, Peter Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce

Anigozanthos	Paananen, Ian Kirby, Greg Smith, Daniel
Anthurium	Paananen, Ian
Aroid	Harrison, Peter
Avocado	Lye, Colin Edwards, Arthur MacGregor, Alison Owen-Turner, John Parr, Wayne Swinburn, Garth Whiley, Tony
Azalea	Barrett, Mike Hempel, Maciej Paananen, Ian
Barley (Common)	Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Saunders, James
Berry Fruit	Darmody, Liz Fleming, Graham Greer, Neil Scholefield, Peter Zorin, Margaret
Blackberry (<i>Rubus</i> sp)	Paananen, Ian
Blandfordia	Treverrow, Florence
Blueberry	Paananen, Ian Zorin, Margaret
Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian

Brassica

Bannan, Nathaniel
 Chequer, Robert
 Cooper, Kath
 Downes, Ross
 Easton, Andrew
 Fennell, John
 Gororo, Nelson
 Johnston, Evan
 Kadkol, Gururaj
 Laker, Richard
 Light, Kate
 McMichael, Prue
 Rhodes, Phil
 Rudolph, Paul
 Sanders, Milton
 Saunders, James
 Scholefield, Peter
 Mouwen, Heidi
 Watson, Brigid
 Zadow, Diane

 Brunia

 Dunstone, Bob

 Buddleia

 Robb, John
 Paananen, Ian

 Buffalo Grass

 Paananen, Ian

 Calibrachoa

 Paananen, Ian

 Camellia

 Paananen, Ian
 Robb, John

 Cannabis

 Calabria, Patrick

 Carnation/Dianthus

 Paananen, Ian

Cereals	Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Johnston, Evan Khan, Akram Mitchell, Leslie Moore, Stephen Oates, John Platz, Greg Porter, Richard Poulsen, David Rhodes, Phil Roake, Jeremy Rose, John Saunders, James Scattini, Walter John Siedel, John Watson, Brigid Wilson, Frances
Cherry	Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Mackay, Alastair Mitchell, Leslie Pumpa, Lucy Scholefield, Peter
Chickpeas	Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James
Chrysanthemum	Paananen, Ian
Citrus	Calabria, Patrick Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Scholefield, Peter Swinburn, Garth Sykes, Stephen Topp, Bruce
Clivia	Smith, Kenneth

Clover	Bannan, Nathaniel Downes, Ross James, Jennifer Johnston, Evan Lake, Andrew Miller, Jeff Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James Watson, Brigid
Cotton	Khan, Akram Leske, Richard
Cucurbits	Herrington, Mark McMichael, Prue Rhodes, Phil Scholefield, Peter Sykes, Stephen
Dianella	Paananen, Ian
Dogwood	Darmody, Liz Fleming, Graham
Echinacea	Paananen, Ian
Eucalyptus	Paananen, Ian
Euphorbia	Paananen, Ian
Feijoa	Parr, Wayne Scholefield, Peter
Fibre Crops	Gillespie, David Khan, Akram
Fig	Darmody, Liz Fleming, Graham Parr, Wayne
Flower Bulbs	Verdegaal, John
Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James
Forage Grasses	Bannan, Nathaniel Downes, Ross Fennell, John Harrison, Peter Johnston, Evan Kirby, Greg Mitchell, Leslie Rhodes, Phil Smith, Kevin Watson, Brigid

Forage Legumes	Downes, Ross Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Miller, Jeff Porter, Richard Rhodes, Phil Saunders, James Siedel, John
Fruit	Cramond, Gregory Darmody, Liz Delaporte, Kate Fleming, Graham Gillespie, David Granger, Andrew Kennedy, Peter Lenoir, Roland McCarthy, Alec Mitchell, Leslie Parr, Wayne Portman, Sian Pumpa, Lucy Schapel, Amanda Scholefield, Peter
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony
Grapes	Burne, Peter Darmody, Liz Delaporte, Kate Farquhar, Wayne Fleming, Graham Lee, Slade Lye, Colin MacGregor, Alison Mitchell, Leslie Paananen, Ian Parr, Wayne Porter, Richard Pumpa, Lucy Schapel, Amanda Scholefield, Peter Smith, Daniel Swinburn, Garth Sykes, Stephen
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian

Gypsophila	Paananen, Ian
Hardenbergia	Dunstone, Bob
Hops (<i>Humulus</i> sp)	Paananen, Ian
Hydrangea	Hanger, Brian Paananen, Ian
Impatiens	Paananen, Ian
Jojoba	Dunstone, Bob
Kalanchoe	Paananen, Ian
Lavender	Paananen, Ian
Legumes	Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Imrie, Bruce Kirby, Greg Khan, Akram Knights, Edmund Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John
Lentils	Collins, David Downes, Ross Goulden, David Khan, Akram Porter, Richard Rhodes, Phil Saunders, James
Lilium	Paananen, Ian
Liriope	Paananen, Ian
Lomandra	Paananen, Ian

Lucerne	Bannan, Nathaniel Downes, Ross Johnston, Evan Lake, Andrew Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James
Lupin	Collins, David Sanders, Milton Rhodes, Phil Saunders, James
Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian
Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony
Myrtaceae	Dunstone, Bob
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Saunders, James
Oilseed crops	Downes, Ross Poulsen, David Siedel, John Rhodes, Phil Saunders, James
Olives	Bazzani, Mr Luigi Granger, Andrew
Onions	Bannan, Nathaniel Fennell, John Khan, Akram Laker, Richard McMichael, Prue Scholefield, Peter Rhodes, Phil

Ornamentals - Exotic

Abell, Peter
Armitage, Paul
Angus, Tim
Barth, Gail
Collins, Ian
Cunneen, Thomas
Darmody, Liz
Delaporte, Kate
Eggleton, Steve
Fisk, Anne Marie
Fleming, Graham
Guy, Gareme
Harrison, Dion
Harrison, Peter
Hempel, Maciej
Johnston, Margaret
Khan, Akram
Kulkarni, Vinod
Lamont, Greg
Larkman, Clive
Lenoir, Roland
Lowe, Greg
Lunghusen, Mark
Marcsik, Doris
McMichael, Prue
Milne,Carolynn
Mitchell, Hamish
Mitchell, Leslie
Oates, John
O'Brien, Shaun
Paananen, Ian
Prescott, Chris
Prince, John
Robb, John
Pumpa, Lucy
Schapel, Amanda
Scholefield, Peter
Singh, Deo
Smith, Daniel
Stewart, Angus
Van der Staay,
Rosemaree Anne
Watkins, Phillip
Watkinson, Andrew

Ornamentals - Indigenous

Abell, Peter
 Allen, Paul
 Angus, Tim
 Barrett, Mike
 Barth, Gail
 Cunneen, Thomas
 Delaporte, Kate
 Downes, Ross
 Eggleton, Steve
 Granger, Andrew
 Harrison, Dion
 Harrison, Peter
 Henry, Robert J
 Hockings, David
 Jack, Brian
 Johnston, Margaret
 Kirby, Greg
 Khan, Akram
 Lenoir, Roland
 Lowe, Greg
 Lullfitz, Robert
 Lunghusen, Mark
 McMichael, Prue
 Milne,Carolynn
 Mitchell, Hamish
 Molyneux, W M
 Oates, John
 O'Brien, Shaun
 Paananen, Ian
 Prince, John
 Pumpa, Lucy
 Schapel, Amanda
 Scholefield, Peter
 Singh, Deo
 Slater, Tony
 Smith, Daniel
 Tan, Beng
 Watkins, Phillip

 Ornithopus

 Foster, Kevin
 Nichols, Phillip

 Osmanthus

 Paananen, Ian
 Robb, John

 Osteospermum

 Paananen, Ian

Pastures & Turf	Anderson, Malcolm Avery, Angela Bannan, Nathaniel Cameron, Stephen Cook, Bruce Downes, Ross Harrison, Peter Kemp, Stuart Kirby, Greg James, Jennifer Loch, Don McMaugh, Peter Miller, Jeff Mitchell, Leslie Neylan, John Paananen, Ian Porter, Richard Rhodes, Phil Rose, John Saunders, James Smith, Raymond Scattini, Walter John Smith, Kevin Wilkes, Gregory Wilson, Frances Zorin, Margaret
Peanut	Cruickshank, Alan George, Doug
Pear	Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Paananen, Ian Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce
Pelargonium	Paananen, Ian
Persimmon	Parr, Wayne Swinburn, Garth
Petunia	Paananen, Ian
Philodendron	Paananen, Ian
Philotheca	Dunstone, Bob
Phormium	Paananen, Ian
Photinia	Robb, John

Pistacia	Richardson, Clive Sykes, Stephen
Pisum	Downes, Ross Goulden, David McMichael, Prue Rhodes, Phil Sanders, Milton Saunders, James
Potatoes	Delaporte, Kate Fennell, John Friemond, Terry Guertsen, Paul Hill, Jim Johnston, Evan McMichael, Prue Pumpa, Lucy Rhodes, Phil Saunders, James Schapel, Amanda Scholefield, Peter Slater, Tony Smith, Daniel Wilson, Graeme
Proteaceae	Barth, Gail Kirby, Neil Paananen, Ian Robb, John Scholefield, Peter Smith, Daniel
Prunus	Buchanan, Peter Calabria, Patrick Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Granger, Andrew Kennedy, Peter Mackay, Alastair Malone, Michael Portman, Anthony Richards, Graeme Topp, Bruce Wilkes, Gregory Witherspoon, Jennifer
Pulse Crops	Collins, David Downes, Ross Graetz, Darren Oates, John Porter, Richard Poulsen, David Rhodes, Phil Saunders, James

Raspberry	Darmody, Liz Fleming, Graham Herrington, Mark Scholefield, Peter Zorin, Margaret
Rhododendron	Barrett, Mike Paananen, Ian
Rose	Barrett, Mike Darmody, Liz Delaporte, Kate Fleming, Graham Hanger, Brian Lee, Peter McKirdy, Simon Paananen, Ian Prescott, Chris Pumpa, Lucy Schapel, Amanda Scholefield, Peter Smith, Daniel Swane, Geoff Syrus, A Kim
Scaevola	Paananen, Ian
Sesame	Bennett, Malcolm Harrison, Peter Imrie, Bruce
Sorghum	Khan, Akram
Soybean	Harrison, Peter James, Andrew
Spathiphyllum	Paananen, Ian
Spices and Medicinal Plants	Khan, Akram
Stone Fruit	Barrett, Mike Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter MacGregor, Alison Mackay, Alistair Malone, Michael Scholefield, Peter Swinburn, Garth Valentine, Bruce
Strawberry	Herrington, Mark Mitchell, Leslie Morrison, Bruce Scholefield, Peter Zorin, Margaret

Sugarcane	Cox, Mike Piperidis, George
Sunflower	George, Doug
Tomato	Herrington, Mark Khan, Akram Laker, Richard McMichael, Prue Rhodes, Phil Scholefield, Peter Smith, Daniel
Tree Crops	McRae, Tony
Triticale	Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Harrison, Peter Kulkarni, Vinod Parr, Wayne Scholefield, Peter Whiley, Tony
Umbrella Tree	Paananen, Ian
Vegetables	Bannan, Nathaniel Delaporte, Kate Fennell, John Frkovic, Edward Gillespie, David Harrison, Peter Khan, Akram Laker, Richard Lenoir, Roland MacGregor, Alison McMichael, Prue Oates, John O'Connor, Lauren Pearson, Craig Pumpa, Lucy Rhodes, Phil Schapel, Amanda Scholefield, Peter Smith, Daniel Westra Van Holthe, Jan
Verbena	Paananen, Ian
Walnut	Mitchell, Leslie

Wheat (Aestivum & Durum Groups)

Collins, David
Downes, Ross
Kadkol, Gururaj
Khan, Akram
Platz, Greg
Rhodes, Phil
Saunders, James
Sanders, Milton

Zantedeschia

Paananen, Ian

TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
Abell, Peter	0438 392 837 mobile	Australia
Aberdeen, Ian	03 5782 1029 03 5782 2073 fax	SE Australia
Allen, Paul	07 3824 0263 ph/fax	SE QLD, Northern NSW
Anderson, Malcolm	03 5573 0900 03 5571 1523 fax 017 870 252 mobile	Victoria
Angus, Tim	(64 4) 568 3878 ph/fax 001164211871076 mobile plantatim@zip.co.nz	Australia and New Zealand
Armitage, Paul	03 9756 7233 03 9756 6948 fax	Victoria
Avery, Angela	02 6030 4500 02 6030 4600 fax	South Eastern Australia
Bannan, Nathaniel	03 8318 9019 03 8318 9002 fax	Australia
Barrett, Mike	0429 720 013 mobile 02 9875 3087 02 9980 1662 fax 0407 062 494 mobile	NSW/ACT
Barth, Gail	08 8389 7479	SA and Victoria
Bazzani, Luigi	08 9772 1207 08 9772 1333 fax	Western Australia
Bennett, Malcolm	08 8973 9733 08 8973 9777 fax	NT, QLD, NSW, WA
Buchanan, Peter	07 4615 2182 07 4615 2183 fax	Eastern Australia
Burne, Peter	08 8582 0338 ph 08 8583 2104 fax 0418 834 102 mobile	South Australia
Calabria, Patrick	02 6963 6360 0438 636 219 mobile	Riverina area of NSW
Chequer, Robert	03 5382 1269 0419 145 262 mobile	Victoria
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheatbelt of Western Australia
Cooper, Kath	08 8339 3049 0429 191 848 mobile	South Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia
Cruickshank, Alan	07 4160 0722 07 4162 3238 fax	QLD
Cunneen, Thomas	02 4889 8647 02 4889 8657 fax	Sydney Region
Darmody, Liz	03 9756 6105 03 9752 0005 fax	Australia
Delaporte, Kate	08 8373 2488 08 8373 2442 fax 0427 394 240 mobile	South Australia
Downes, Ross	02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile	ACT, South East Australia

Dunstone, Bob	02 6281 1754 ph/fax	South East NSW
Easton, Andrew	07 4690 2666	QLD and NSW
	07 4630 1063 fax	
Edwards, Arthur	08 8586 1232	SE Australia
	08 8595 1394 fax	
	0409 609 300 mobile	
Eggleton, Steve	03 9876 1097	Melbourne Region
	03 9876 1696 fax	
Engel, Richard	08 9397 5941	WA
	08 9397 5941 fax	
Fennell, John	03 5334 7871	Australia
	03 5334 7892 fax	
	0419 881 887	
Farquhar, Wayne	08 85657000	South Australia
	08 85657011 fax	
Fleming, Graham	03 9756 6105	Australia
	03 9752 0005 fax	
Friemond, Terry	08 9203 6720	Western Australia
	08 9203 6720 fax	
	0438 915 811 mobile	
Foster, Kevin	08 9368 3804	Mediterranean areas of Australia
	08 9474 2840 fax	
Frkovic, Edward	02 6962 7333	Australia
	02 6964 1311 fax	
George, Doug	07 5460 1308	Australia
	07 5460 1112 fax	
Gillespie, David	07 4155 6344	Wide Bay Burnett District, QLD
	07 4155 6656 fax	
Gororo, Nelson	03 5382 5911	Mediterranean areas of Australia
	03 5382 5755 fax	
	0428 534 770 mobile	
Goulden, David	64 3 325 6400	New Zealand
	64 3 325 2074 fax	
Graetz, Darren	08 8303 9362	South Australia
	08 8303 9424 fax	
Granger, Andrew	08 8389 8809	South Australia
	08 8389 8899 fax	
Greer, Neil	07 5441 1118	Australia
	07 5476 0098 fax	
	0418 881 755 mobile	
Guertsen, Paul	02 6845 3789	NSW, VIC, SE QLD
	02 6845 3382 fax	
	0407 658 105 mobile	
Hanger, Brian	03 9837 5547 ph/fax	Victoria
	0418 598106 mobile	
Hare, Ray	02 6763 1232	QLD, NSW VIC & SA
	02 6763 1222 fax	
Harrison, Dion	07 5460 1313	south east QLD and northern NSW
	07 5460 1283 fax	
Harrison, Peter	08 8948 1894 ph	Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas
	08 8948 3894 fax	
	0407 034 083 mobile	
Hempel, Maciej	02 4628 0376	NSW, QLD, VIC, SA
	02 4625 2293 fax	
Henry, Robert J	02 6620 3010	Australia
	02 6622 2080 fax	
Herrington, Mark	07 5441 2211	Southern Queensland
	07 5441 2235 fax	

Hill, Jeff	08 8303 9487 08 8303 9607 fax	South Australia
Hill, Jim	03 6428 2519 03 6428 2049 fax 0428 262 765 mobile	Australia
Hockings, David Imrie, Bruce	07 5494 3385 ph/fax 02 4474 0951 02 4474 0952 imriesc@sci.net.au	Southern Queensland SE Australia
Iredell, Janet Willa Jack, Brian	07 3202 6351 ph/fax 08 9952 5040 08 9952 5053 fax	SE Queensland South West WA
James, Andrew	07 3214 2278 07 3214 2272 fax	Australia
James, Jennifer Johnston, Evan	+64 6 3518214 64 3358 1745 0214 417 13 mobile	Manawatu Region, New Zealand Canterbury, New Zealand
Johnston, Margaret	07 5460 1240 07 5460 1455 fax	SE Queensland
Kadkol, Gururaj	03 5382 1269 03 5381 1210 fax	North Western Victoria
Kemp, Stuart	03 8390 8150 0437 278 873 mobile	SE Australia
Kennedy, Peter	02 6382 7600 02 6382 2228 fax	New South Wales
Khan, Akram	02 9351 8821 02 9351 8875 fax	New South Wales
Kirby, Greg	08 8201 2176 08 8201 3015 fax	South Australia
Kirby, Neil	02 4754 2637 02 4754 2640 fax	New South Wales
Knights, Edmund	02 6763 1100 02 6763 1222 fax	North Western NSW
Kulkarni, Vinod	08 9992 2221 08 9992 2049 fax	Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Laker, Richard	08 87258987 08 8723 0142 fax 0417 855 592 mobile	Australia
Lamont, Greg	02 8778 5388 02 9734 9866 fax	Sydney region
Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Larkman, Clive	03 9735 3831 03 9739 6370 larkman@tpgi.com.au	Victoria
Lee, Peter	03 6330 1147 03 6330 1927 fax	SE Australia
Lee, Slade	02 6620 3410 02 6622 2080 fax	Queensland/Northern New South Wales
Lenoir, Roland Leske, Richard	02 6231 9063 ph/fax 07 4671 3136 07 4671 3113 fax	Australia Cotton growing regions of QLD & NSW
Light, Kate	03 5362 2175 0419 145 768 mobile	Victoria

Loch, Don	07 3286 1488	Queensland
	07 3286 3094 fax	
Lowe, Greg	02 4389 8750	Sydney, Central Coast NSW
	02 4389 4958 fax	
	0411 327390 mobile	
Lullfitz, Robert	08 9447 6360	South West WA
Lunghusen, Mark	03 5998 2083	Melbourne & environs
	03 5998 2089fax	
	0407 050 133 mobile	
Lye, Colin	07 4671 0044	NT, QLD and NSW
	07 4671 0066 fax	
	0427 786 668 mobile	
MacGregor, Alison	03 5023 4644	Southern Australia – Murray
	0419 229 713 mobile	Valley Region
Mackay, Alastair	08 9310 5342 ph/fax	Western Australia
	0159 87221 mobile	
McMaugh, Peter	02 9872 7833	Australia
	02 9872 7855 fax	
Malone, Michael	+64 6 877 8196	New Zealand
	+64 6 877 4761 fax	
Marcsik, Doris	08 8999 2017	Northern Territory and
	08 8999 2049	Queensland
McCarthy, Alec	08 9780 6273	South West WA
	08 9780 6136 fax	
McKirdy, Simon	042 163 8229 mobile	Australia
McMichael, Prue	08 8373 2488	SE Australia
	08 8373 2442 fax	
McRae, Tony	08 8723 0688	Australia
	08 8723 0660 fax	
Miller, Jeff	64 6 356 8019 extn 8027	Manawatu region, New Zealand
	64 3 351 8142 fax	
Milne,Carolynn	07 3206 3509	QLD
Mitchell, Hamish	03 9737 9568	Victoria
	03 9737 9899 fax	
Mitchell, Leslie	03 5821 2021	VIC, Southern NSW
	03 5831 1592 fax	
Molyneux, William	03 5965 2011	Victoria
	03 5965 2033 fax	
Moore, Stephen	02 6799 2230	NSW
	02 6799 2239 fax	
Morrison, Bruce	03 9210 9251	East of Melbourne
	03 9800 3521 fax	
Mouwen, Heidi	07 4690 2666	QLD, NSW
	07 4630 1063	
Neylan, John	03 9886 6200	VIC, NSW, SA
	0413 620 256 mobile	
Nichols, Phillip	08 9387 7442	Western Australia
	08 9383 9907 fax	
Oates, John	02 4473 8465	Sydney region, Eastern Australia
O'Brien, Shaun	07 5442 3055	SE Queensland
	07 5442 3044 fax	
	0407 584 417 mobile	
O'Connor, Lauren	07 3359 3113	Australia
	0418 510 480 mobile	
Owen-Turner, John	07 4129 5217	Burnett region, Central
	07 4129 5511 fax	Queensland region

Paananen, Ian	02 4381 0051 02 8569 1896 fax 0412 826 589 mobile	Australia (based in Sydney) and New Zealand
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Platz, Greg	07 4639 8817 07 4639 8800 fax	QLD, Northern NSW
Porter, Richard	08 8431 5396 08 8431 5396 fax 0413 270 670 mobile	Adelaide region, South Australia
Portman, Anthony	08 9274 5355 08 9250 1859 fax	South-west Western Australia
Portman, Sian	08 9725 0660 0421 606 651 mobile	Western Australia
Poulsen, David	07 4661 2944 07 4661 5257 fax	SE QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Pumpa, Lucy	08 8373 2488 08 8373 2422 fax 0400 041 881 mobile	South Australia
Quinn, Patrick	03 5427 0485	SE Australia
Richards, Graeme	02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	Australia
Richardson, Clive	03 51550255	Victoria
Rhodes, Phil	64 3322 5405 0211 862 422 mobile phil@epr.co.nz	New Zealand
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region
Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
Rose, John	07 4661 2944 07 4661 5257 fax	SE Queensland
Rudolph, Paul	03 5381 2168 03 5381 1210 fax 0438 083 840 mobile	Victoria
Saunders, James	03 8318 9016 03 8318 9002 fax 0408 037 801 mobile	Australia
Sanders, Milton	08 9825 8087 08 9387 4388 fax 0427 031 951 mobile	Southern Australia: WA, Vic, NSW, SA
Scattini, Walter	07 3356 0863 ph/fax	Tropical and sub-tropical Australia
Schapel, Amanda	08 8373 2488 0408 344 843 mobile	South Australia
Scholefield, Peter	08 8373 2488 08 8373 2442 fax 018 082022 mobile	SE Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane

Slater, Tony	03 9210 9222 03 9800 3521 fax 0408 656 021 mobile	SE Australia
Smith, Daniel	08 8373 2488 08 8373 2442 fax	South Australia
Smith, Kenneth	02 4570 9069	Australia
Smith, Kevin	03 5573 0900 03 5571 1523 fax	SE Australia
Smith, Mike	07 5444 9630	SE Queensland
Smith, Stuart	03 6336 5234 03 6334 4961 fax	SE Australia
Stewart, Angus	02 4385 9788ph/fax 0419 632 123 mobile	Sydney, Gosford
Swane, Geoff	02 6889 1545 02 6889 2533 fax 0419 841580 mobile	Central western NSW
Swinburn, Garth	03 5023 4644 03 5023 5814 fax	Murray Valley Region - from Swan Hill (Vic) to Waikere (SA)
Sykes, Stephen	03 5051 3100 03 5051 3111 fax	Victoria
Syrus, A Kim	03 8556 2555 03 8556 2955 fax	Adelaide
Tan, Beng	08 9266 7168 08 9266 2495	Perth & environs
Tancred, Stephen	07 4681 2931 07 4681 4274 fax 0157 62888 mobile	QLD, NSW
Treverrow, Florence	02 6629 3359	Australia
Topp, Bruce	07 4681 1255 07 4681 1769 fax	SE QLD, Northern NSW
Valentine, Bruce	02 6361 3919 02 6361 3573 fax	New South Wales
Van der Staay, Rosemaree Anne	03 6248 6863 03 6248 7402 fax	Tasmania
Verdegaal, John	03 6458 3581 03 6458 3581 fax	Australia and New Zealand
Watkins, Phillip	08 9537 1811 08 9537 3589 fax 0416 191 472 mobile	Perth Region
Watkinson, Andrew	07 5445 6654 0409 065 266 mobile	Northern NSW and Southern QLD
Watson, Brigid	03 5688 1058 0429 702 277 mobile	Victoria
Westra Van Holthe, Jan	03 9706 3033 03 9706 3182 fax	Australia
Wiley, Tony	07 5441 5441	QLD
Wilkes, Gregory	02 4570 1358 02 4570 1314 fax 0418 642 359 mobile	Sydney region
Wilson, Frances	64 3 318 8514 64 3 318 8549 fax	Canterbury, New Zealand
Wilson, Graeme	03 5957 1200 03 5957 1210 fax	SE Australia
Zadow, Diane	03 5382 1269 03 5381 1210 fax 0419 145 763 mobile	Victoria
Zorin, Margaret	07 3207 4306 0418 984 555	Eastern Australia

Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name	Name
Allen, Antony	Lowe, Russell
Armour, David	Luckett, David
Baelde, Arie	Mack, Ian
Baker, Grant	Mann, Dorham
Bally, Ian	Mansfield, Daniel
Barr, Andrew	Mason, Lloyd
Bell, David	Matic, Rade
Bernuetz, Andrew	Matthews, Michael
Birmingham, Erika	McCallum, Lesley
Box, Amanda	McDonald, David
Brennan, Paul	Mendham, Neville
Brewer, Lester	Menzies, Kim
Brindley, Tony	Miller, Kylie
Brindle, Sean	Moody, David
Bunker, John	Moss, Ian
Bunker, Kerry	Mullins, Kathleen
Burton, Wayne	Mungall, Neil
Cameron, Nick	Neilson, Peter
Cant, Russell	Newman, Allen
Chesher, Wayne	Noone, Brian
Chivers, Ian	Norriss, Michael
Clayton-Greene, Kevin	Oakes, John
Constable, Greg	Offord, Cathy
Cook, Esther	O'Brien, Tim
Corcoran, Lisa	O'Sullivan, Robert
Coventry, Stewart	Palmer, Ross
Craig, Andrew	Paull, Jeff
Craigie, Gail	Pearce, Bob
Culvenor, Richard	Porter, Gavin
Dawson, Iain	Potter, Trent
Crowhurst, Max	Pressler, Craig
De Betue, Remco	Reeve, Christopher
de Koning, Carolyn	Reid, Peter
Dear, Brian	Reinke, Russell
Delaporte, Kate	Roberts, Sean
Done, Anthony	Roche, Matthew
Donnelly, Peter	Rose, Ian
Downe, Graeme	Sanders, Milton
Dryden, Susan	Sandral, Graeme
Eastwood, Russell	Sanewski, Garth
Eglinton, Jason	Schilg, Karl
Eisemann, Robert	Schreuders, Harry
Elliott, Philip	Scott, Ralph
Evans, Pedro	Senior, Michael
Eykamp, Donald	Siemon, Fran
Fitzgibbon, John	Smith, Chris
Flett, Peter	Smith, Raymond
Geary, Judith	Smith, Malcolm
Gibbons, Philip	Smith, Susan
Gillies, Leanne	Snelling, Cath

Glover, Russell	Snowball, Richard
Granger, Andrew	Stiller, Warwick
Gurciullo, Gaetano	Stuart, Peter
Haire, Chris	Sturgess, Eric
Harden, Patrick	Sutton, John
Hollamby, Gil	Tonks, John
Hoppo, Suzanne	Trimboli, Daniel
Howie, Jake	Taylor, Kerry
Hoxha, Adriana	Trigg, Pamela
Hunt, Melissa	Urwin, Nigel
Hurst, Andrea	Van der Spek, Folke
Irwin, John	Vater, Daniel
Janhsen, Joanne	Vaughan, Peter
Johnson, Peter	Venkatanagappa, Shoba
Jupp, Noel	Venn, Neil
Kaehne, Ian	Warner, Bradley
Katelaris, Andrew	Warren, Andrew
Katz, Mark	Weatherly, Lilia
Kebblewhite, Tony	Wei, Xianming
Kempff, Stefan	Whalley, RDB
Kennedy, Chris	Williams, Rex
Kobelt, Eric	Williams, Shannon
Lacey, Kevin	Wilson, Stephen
Lawson, Marion	Wilson, Rob
Leddin, Anthony	Winter, Bruce
Lee, Kathryn	Wirthensohn, Michelle
Leighton, A	Wright, Gary
Leonforte, Antonio	Yan, Guijun
Lewin, Laurence	Zeppa, Aldo
Lewis, Hartley	
Loi, Angelo	

APPENDIX 5

ADDRESSES OF UPOV AND MEMBER STATES

International Union for the Protection of New Varieties of Plants (UPOV):

International Union for the Protection of New Varieties of Plants (UPOV)
34, Chemin des Colombettes
CH-1211
Geneva 20
SWITZERLAND

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

Web site: <http://www.upov.int>

List of Addresses of Plant Variety Protection Offices in UPOV Member States

Status of Ratification in UPOV member States is available from UPOV website.

APPENDIX 6

CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$800. This is a saving of nearly 40% over the normal fee of \$1400.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met:

Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

analysed data. These staff will require the authority to ensure timely maintenance of the trial. Where provided by the PBR office, the protocol and technical guidelines for the conduct of the trial must be followed.

Substantial industry support

Normally the establishment will be recognised by a state or national industry society or association. This may include/be replaced by a written commitment from major nurseries or other applicants, who have a history of regularly making applications for PBR in Australia, to use the facility.

Capability for long-term storage of genetic material

Depending upon the genus, a CTC must be in a position to make a long-term commitment to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as a national genetic resource centre in perpetuity will be favoured.

Contract testing for 3rd Parties

Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

Relationship between CTC and 3rd Parties

A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

One trial at a time

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

One CTC per genus

Normally only one CTC will be authorised to test a genus. Special circumstances may exist (environmental factors, quarantine etc) to allow more than one CTC per genus, though a special case will need to be made to the PBR office. More than one CTC maybe allowed for roses.

One CTC may be authorised to test more than one genus.
Authorisations for each genus will be reviewed periodically.

Authorised Centralised Test Centres (CTCs)

Following publication of applications for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs. Any special conditions are also listed.

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture laboratory	R Kirkham	31/3/97
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/6/97
Ag-Seed Research	Horsham and other sites	Canola	Field, glasshouse, shadehouse, laboratory and biochemical analyses	P Rudolph	30/6/97
Agriculture Western Australia	Northam WA	Wheat	Field, laboratory	D Collins	30/6/97
University of Sydney, Plant Breeding Institute	Camden, NSW	<i>Argyranthemum</i> , <i>Diascia</i> , <i>Mandevilla</i>	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms,	J Oates	30/6/97

			tissue culture, molecular genetics and cytology lab.		
Boulters Nurseries Monbulk Pty Ltd	Monbulk, VIC	Clematis	Outdoor, shadehouse, greenhouse	M Lunghusen	30/9/97
Geranium Cottage Nursery	Galston, NSW	Pelargonium	Field, controlled environment house	I Paananen	30/11/97
Agriculture Victoria	Hamilton, VIC	<i>Perennial ryegrass, tall fescue, tall wheat grass, white clover, Persian clover</i>	Field, shadehouse, glasshouse, growth chambers. Irrigation. Pathology and tissue culture. Access to DNA and molecular marker technology. Cold storage.	M Anderson	30/6/98
Koala Blooms	Monbulk, VIC	<i>Bracteantha</i>	Outdoor, irrigation	M Lunghusen	30/6/98
Redlands Nursery	Redland Bay, QLD	<i>Aglaonema</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	30/6/98
Protected Plant Promotions	Macquarie Fields, NSW	New Guinea Impatiens including <i>Impatiens hawkeri</i> and its hybrids	Glasshouse	I Paananen	30/9/98
University of Queensland, Gatton College	Lawes, QLD	Some tropical pastures	Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage	To be advised	30/9/98
Jan and Peter Iredell	Moggill, QLD	Bougainvillea	Outdoor, shadehouse	J Iredell	30/9/98
Protected Plant Promotions	Macquarie Fields, NSW	<i>Verbena</i>	Glasshouse	I Paananen	31/12/98
Avondale Nurseries Ltd	Glenorie, NSW	<i>Agapanthus</i>	Greenhouse, tissue culture with commercial partnership	I Paananen	31/12/98
Paradise Plants	Kulnura, NSW	<i>Camellia, Lavandula, Osmanthus, Ceratopetalum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/98
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment greenhouses	C Prescott	31/12/98
F & I Baguley Flower and Plant Growers	Clayton South, VIC	<i>Euphorbia</i>	Controlled glasshouses, quarantine facilities, tissue culture	G Guy	31/3/99
Paradise Plants	Kulnura, NSW	<i>Limonium, Raphiolepis, Eriostemon, Lonicera Jasminum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	30/6/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Angelonia</i>	Glasshouse	I Paananen	30/6/00
Carol's Propagation	Alexandra Hills, QLD	<i>Cuphea, Anthurium</i>	Field beds, wide range of comparative varieties	C Milne D Singh	30/6/00
Queensland Department of Primary Industries, Redlands Research Station	Cleveland, QLD	<i>Cynodon, Zoysia</i> and other selected warm season-season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	M Roche	30/9/00

Luff Partnership	Kulnura, NSW	<i>Bracteantha</i>	Field beds, irrigation, shade house, propagation house, cool rooms,	I Dawson	31/12/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Petunia, Calibrachoa</i>	Glasshouse	I Paananen J Oates	31/12/00
NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood,	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt N Derera T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteaflorea Nursery Pty Ltd	Monbulk, VIC	<i>Plectranthus</i>	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	<i>Zingiber</i>	Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services	D Marcsik	30/9/04
Ball Australia	Keysborough, VIC	<i>Impatiens, Verbena</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/04
Floreta Pty Ltd	Redland Bay QLD	<i>Bracteantha</i>	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevard Nurseries Mildura Pty Ltd	Irymple VIC	<i>Zantedeschia</i>	Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics,	K Mullins	31/12/04

			quarantine facilities		
Buchanan's Nursery	Hodgsonvale, QLD	<i>Prunus</i>	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/04
Ball Australia	Keysborough, VIC	<i>Calibrachoa, Osteospermum</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including biotech, propagation, outdoor facilities	I Bally	30/09/05
Blueberry Farms of Australia	Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania	<i>Vaccinium</i>	Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories.	I Paananen	15/10/07
Ball Australia	Keysborough, VIC	<i>Kalanchoe</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	3/6/2008

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Yates Botanical Pty Ltd	Somersby and Tuggerah, NSW	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen
Aussie Winners Pty Ltd	Redland Bay, QLD	<i>Fuchsia</i>	Comprehensive growing facilities	I Paananen
Schreurs Australia Pty Ltd	Leppington, NSW	<i>Rosa</i>	Comprehensive growing facilities	I Paananen

Comments (both for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

The Registrar
Plant Breeder's Rights Office
IP Australia
PO Box 200
Woden, ACT 2606
Fax (02) 6283 7999

Closing date for comment: 31 December 2008.

APPENDIX 7

List of Classes for Variety Denomination Purposes

UPOV Variety Denomination Classes: (UPOV/INF/12/1: ANNEX I)

A Variety Denomination Should not be Used More than Once in the Same Class

For the purposes of providing guidance on the third and fourth sentences of paragraph 2 of Article 20 of the 1991 Act and of Article 13 of the 1978 Act and the 1961 Convention, variety denomination classes have been developed. A variety denomination should not be used more than once in the same class. The classes have been developed such that the botanical taxa within the same class are considered to be closely related and/or liable to mislead or to cause confusion concerning the identity of the variety.

The variety denomination classes are as follows:

(a) General Rule (one genus / one class): for genera and species not covered by the List of Classes in this Annex, a genus is considered to be a class;

(b) Exceptions to the General Rule (list of classes):

(i) classes within a genus: List of classes in this Annex: Part I;

(ii) classes encompassing more than one genus: List of classes in this Annex:

Part II.

LIST OF CLASSES

Part I*Classes within a genus*

	<u>Botanical names</u>	<u>UPOV codes</u>
Class 1.1	Brassica oleracea	BRASS_OLE
Class 1.2	Brassica other than Brassica oleracea	other than BRASS_OLE
Class 2.1	Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima	BETAA_VUL_GVA; BETAA_VUL_GVS
Class 2.2	Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: B. vulgaris L. var. rubra L.), B. vulgaris L. var. cicla L., B. vulgaris L. ssp. vulgaris var. vulgaris	BETAA_VUL_GVC; BETAA_VUL_GVF
Class 2.3	Beta other than classes 2.1 and 2.2.	other than classes 2.1 and 2.2
Class 3.1	Cucumis sativus	CUCUM_SAT
Class 3.2	Cucumis melo	CUCUM_MEL
Class 3.3	Cucumis other than classes 3.1 and 3.2	other than classes 3.1 and 3.2
Class 4.1	Solanum tuberosum L.	SOLAN_TUB
Class 4.2	Solanum other than class 4.1	other than class 4.1

APPENDIX 8**REGISTER OF PLANT VARIETIES**

Register of Plant Varieties contains the legal description of the varieties granted Plant Breeder's Rights. A person may inspect the Register at any reasonable time. Following are the contact details for Registers (1988-2000) kept in each state and territories*

South Australia

Ms Lisa Halskov
AQIS
8 Butler Street
PORT ADELAIDE SA 5000
Phone 08 8305 9706

New South Wales

Mr. Alex Jabs
General Services
AQIS
2 Hayes Road
ROSEBERY NSW 2018
Phone 02 9364 7293

Victoria and Tasmania

Mr. Colin Hall
AQIS
Building D, 2nd Floor
World Trade Centre
Flinders Street
MELBOURNE VIC 3005
Phone 03 9246 6810

Queensland

Mr. Ian Haseler
AQIS
2nd Floor
433 Boundary Street
SPRING HILL QLD 4000
Phone 07 3246 8755

Australian Capital Territory, Northern Territory and Western Australia

ACT and NT Registers are kept
in the Library of PBR Office in Canberra
Phone (02) 6283 2999

* In accordance with an amendment to section 61 of Plant Breeder's Rights Act, from 2002 the Register of Plant Varieties will be available from the Library of PBR Office in Canberra. The Register is also electronically available from the PBR website at <http://pbr.ipaustralia.plantbreeders.gov.au/>



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