Plant Breeders Rights



Australian Government

Plant Varieties Journal - Current Edition



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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. 23 Issue 1) 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 (<u>https://pbr-ivds.ipaustralia.plantbreeders.gov.au/pbr_ivds/</u>) 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 <u>pbr@ipaustralia.gov.au</u> 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:

 \cdot a grant of PBR; or

 \cdot 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 <u>final report</u> 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 trailled 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 taxon 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 <u>Plant</u> <u>Breeder's Rights Act 1994</u> (see section 54) and related provisions of the Federal Court Rules (see order 58 rule 27) both of which can be found at the <u>ComLaw site</u>

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 <u>on-line</u> database and provide your feedback.

Cumulative Index to Plant Varieties Journal

The cumulative index to the <u>Plant Varieties Journal</u> 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 <u>online database</u> and also by downloading the <u>Plant Varieties Journal</u> 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 <u>online database</u> to get most updated information on variety registration. The <u>online database</u> 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 <u>application fee</u>, nominating an accredited '<u>Qualified Person'</u> and, if the variety is an Australian species, despatch as soon as possible a <u>herbarium specimen</u>;
- Engage the services of the nominated accredited 'Qualified Person' to plan and supervise the <u>comparative growing trial</u>;
- Conduct a comparative growing trial to demonstrate Distinctness, Uniformity and Stability (<u>DUS</u>), complete <u>Part 2</u> of the application form and paying the <u>examination fee</u>;
- 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 <u>certificate fee</u>, 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 Nov 22, 2009):

Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, European Community, Estonia, Finland, France, Georgia, Germany, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Oman, 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 68).

Oman became the 68th member of the union on Nov 22, 2009.

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

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

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 members of UPOV. The CPVO provides for one application, one examination and one title of protection that is valid and enforceable in all 27 members of the European Union.

The potential applicants for Plant Variety Rights within European Union are requested to consult <u>Notes for Applicants</u> 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 <u>CPVO website</u>.

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 coexists 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 (<u>https://pbr-ivds.ipaustralia.plantbreeders.gov.au/pbr_ivds/</u>) for the Qualified Persons (QPs).

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The detailed descriptions are accepted only in the IVDS format.

Also, please note that the 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 (<u>pbr@ipaustralia.gov.au</u>) for further information.

Personal Properties Securities Regime

The new Personal Properties Security (PPS) regime is expected to commence in May 2011. The scheme will harmonise and streamline more than 70 existing pieces of Commonwealth and State and Territory legislation and will establish a national personal property securities register with electronic registration and search processes that will incorporate over 40 different registers of security interests established under the existing legislation.

Personal property is any form of property other than real property (land or buildings and fixtures which are legally treated as forming part of land). As such, personal property includes all of the IP rights administered by IP Australia (i.e patents, trade marks, designs and plant breeder's rights).

The *Personal Property Securities Act 2009* will allow for the recording of security interests against Plant Breeder's Rights on the new PPS register. To ensure harmony with the new regime, notes will be added to relevant sections of the *Plant Breeders Rights Act 1994* by the *Personal Properties Securities (Consequential Amendment) Act 2009.*

A public education awareness program will be developed to advise users on the changes associated with the PPS reforms. More information regarding these changes will be available from IP Australia in the coming months.

Further information about the PPS Scheme can be found on the Attorney General's Department website (<u>http://www.ag.gov.au/pps</u>) or by phoning IP Australia on 1300 65 1010.

| Queries: | Leo O'Keeffe |
|----------|-------------------------|
| | Domestic Policy Section |
| | +61 2 6283 7929 |

| Contact: | IP Australia |
|-----------------|--|
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| Fax: | +61 2 6283 7999 |
| E-mail: Web: | assist@ipaustralia.gov.au <u>www.ipaustralia.gov.au</u> |



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. 23 Issue 1) are listed below:

- <u>Home</u>
- <u>Acceptances</u>
- Variety Descriptions
- <u>Grants</u>
- <u>Change of Agent</u>
- <u>Change of Applicant's Name</u>
- Assignment of Rights
- Applications Withdrawn
- Grants Surrendered
- Grants Expired
- <u>Corrigenda</u>

ACCEPTANCES

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

Acmena smithii

LILLY PILLY

'Minnie Magic'

Application No: 2009/345 Accepted: 15 March, 2010 Applicant: **Paul Mentz, Robin Mentz and Carl Mentz**, Thornlands, Qld.

Arachis hypogaea

PEANUT, GROUND NUT

'FARNSFIELD'

Application No: 2010/025 Accepted: 25 March, 2010 Applicant: **AgResearch Consultants Inc.** Agent: **Peanut Company of Australia**, Kingaroy, QLD.

'Tingoora'

Application No: 2010/028 Accepted: 25 March, 2010 Applicant: Agri-Science Queensland Department of Employment, Economic Development and Innovation, Grains Research and Development Corporation. Agent: Peanut Company of Australia, Kingaroy, QLD.

Brassica napus

CANOLA

'GT-Cougar'

Application No: 2010/004 Accepted: 26 February, 2010 Applicant: **Nugrain Pty. Ltd.**, Laveton North, Vic.

'GT-Mustang'

Application No: 2010/006 Accepted: 26 February, 2010 Applicant: **Nugrain Pty. Ltd.**, Laveton North, Vic.

'GT-Scorpion'

Application No: 2010/005 Accepted: 26 February, 2010 Applicant: **Nuseed Pty. Ltd.**, Laverton North, Vic. Cynara scolymus

GLOBE ARTICHOKE

'Opera'

Application No: 2009/353 Accepted: 15 January, 2010 Applicant: **Nunhems B.V.**. Agent: **Shelston IP**, Sydney, NSW.

Cynodon dactylon

COUCHGRASS, BERMUDAGRASS

'Gullygold'

Application No: 2009/283 Accepted: 2 February, 2010 Applicant: **Thomas G. Parker**. Agent: **Dad & Dave's Turf**, Pitt Town, NSW.

Dahlia hybrid

DAHLIA

'Barbados'

Application No: 2008/269 Accepted: 24 March, 2010 Applicant: **DALINA ApS**. Agent: **Pearce's Nurseries Pty Ltd**, Mcleans Ridges, NSW.

Eremochloa ophiuroides

CENTIPEDE GRASS

'BA-417'

Application No: 2009/180 Accepted: 12 January, 2010 Applicant: **University of Florida**. Agent: **GeneGro Pty Ltd**, Alexandra Hills, QLD.

Gazania hybrid

GAZANIA

'Sunhara'

Application No: 2008/215 Accepted: 27 January, 2010 Applicant: **NuFlora International Pty Ltd**. Agent: **Ramm Botanicals Pty Ltd**, Tuggerah, NSW. Grevillea x formosa

MT. BROCKMAN GREVILLEA

'Silver Mist'

Application No: 2009/149 Accepted: 1 March, 2010 Applicant: **Graham Francis Fortune**. Agent: **Shaun Daniel O'Brien**, Palmwoods, QLD.

Lotus australis

'LA07'

Application No: 2009/346 Accepted: 15 January, 2010 Applicant: **Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited**, Orange, NSW.

Lotus corniculatus

BIRDSFOOT TREFOIL

'LC07AS'

Application No: 2009/347 Accepted: 15 January, 2010 Applicant: Department of Industry and Investment for and on behalf of the State of New South Wales, Australian Wool Innovation Limited, Future Farm Industries CRC Ltd, Rural Industries Research and Development Corporation, Orange, NSW.

'LC07AT'

Application No: 2009/348 Accepted: 15 January, 2010 Applicant: **Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited**, Orange, NSW.

'LC07AUF'

Application No: 2009/350 Accepted: 15 January, 2010 Applicant: Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Instituto Nacional de Investigacion Agropecuaria, Orange, NSW.

'LC07AUYF'

Application No: 2009/349 Accepted: 15 January, 2010 Applicant: Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Instituto Nacional de Investigacion Agropecuaria, Orange, NSW. Malus domestica

APPLE

'Lolly'

Application No: 2009/282 Accepted: 26 February, 2010 Applicant: **Austin Orchards Ltd**. Agent: **Flemings Nurseries & Associates**, Hoddles Creek, VIC.

'Minneiska'

Application No: 2009/280 Accepted: 1 February, 2010 Applicant: **Regents of the University of Minnesota**. Agent: **Spruson & Ferguson**, Sydney, NSW.

Mandevilla hybrid

MANDEVILLA

'Mandarkred' syn Aloha Dark Red

Application No: 2010/010 Accepted: 28 January, 2010 Applicant: Floraquest Pty Ltd and Protected Plant Promotions Pty Ltd. Agent: Ramm Botanicals, Tuggerah, NSW.

'Manhotpink' syn Aloha Hot Pink

Application No: 2010/009 Accepted: 28 January, 2010 Applicant: Floraquest Pty Ltd and Protected Plant Promotions Pty Ltd. Agent: Ramm Botanicals, Tuggerah, NSW.

Mandevilla sanderi

MANDEVILLA

'Crimson Silk'

Application No: 2010/003 Accepted: 22 January, 2010 Applicant: **E J Bunker**. Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Ornithopus sativus

FRENCH SERRADELLA

'02CAD9'

Application No: 2009/337 Accepted: 15 January, 2010 Applicant: Western Australian Agriculture Authority, Murdoch University. Agent: Western Australian Agriculture Authority, South Perth, WA. Osteospermum ecklonis

CAPE DAISY

'Saksisgolye' syn Golden Yellow

Application No: 2009/135 Accepted: 26 February, 2010 Applicant: **Sakata Ornamentals Europe A/S**. Agent: **Oasis Horticulture Pty Ltd**, Winmalee, NSW.

Ozothamnus diotophyllus

YELLOW RICE FLOWER

'RY14'

Application No: 2009/269 Accepted: 3 March, 2010 Applicant: **The University of Queensland**. Agent: **Fisher Adams Kelly**, Brisbane, QLD.

Paspalum vaginatum

SEASHORE PASPALUM

'H99-47'

Application No: 2009/179 Accepted: 13 January, 2010 Applicant: **University of Florida Board of Trustees**. Agent: **GeneGro Pty Ltd**, Alexandra Hills, QLD.

Phormium cookianum

NEW ZEALAND MOUNTAIN FLAX

'Black Magic'

Application No: 2010/011 Accepted: 28 January, 2010 Applicant: **Vince Naus**. Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Prunus hybrid

PRUNUS - INTERSPECIFIC PLUM

'Cot-N-Candy'

Application No: 2009/342 Accepted: 22 January, 2010 Applicant: **Zaiger's Inc. Genetics**. Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

'Flavor Rouge'

Application No: 2009/341 Accepted: 22 January, 2010 Applicant: **Zaiger's Inc. Genetics**. Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Prunus hybrid

PRUNUS ROOTSTOCK - INTERSPECIFIC CHERRY

'Marcia's Flavor'

Application No: 2009/343 Accepted: 22 January, 2010 Applicant: **Zaiger's Inc. Genetics**. Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Prunus persica var nucipersica

NECTARINE

'Autumn Bright'

Application No: 2009/232 Accepted: 11 February, 2010 Applicant: **Lowell G. Bradford**. Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

Ptilotus exaltatus

PTILOTUS

'Platinum Wallaby'

Application No: 2008/264 Accepted: 2 March, 2010 Applicant: **Passionwood Perennials**, Bilpin, NSW.

Rosa rugosa

RUGOSA ROSE

'Freycinet'

Application No: 2010/037 Accepted: 15 March, 2010 Applicant: **Prophyl Pty Ltd**, Austin Ferry, TAS. Rubus hybrid

HYBRID BLACKBERRY

'DrisBlackTwo'

Application No: 2010/026 Accepted: 24 March, 2010 Applicant: **Driscoll Strawberry Associates, Inc**. Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

Scaevola aemula

FANFLOWER

'Scacrawl'

Application No: 2008/214 Accepted: 27 January, 2010 Applicant: **NuFlora International Pty Ltd**. Agent: **Ramm Botanicals Pty Ltd**, Tuggerah, NSW.

'Scasalute'

Application No: 2008/213 Accepted: 27 January, 2010 Applicant: **NuFlora International Pty Ltd**. Agent: **Ramm Botanicals Pty Ltd**, Tuggerah, NSW.

Syzygium australe

LILLY PILLY

'Golden Hedge' syn Little Ruffles

Application No: 2010/022 Accepted: 30 March, 2010 Applicant: Lloyd William Vagg. Agent: Bush Garden Nursery Pty Ltd, Upper Caboolture, Qld.

Thuja occidentalis

WHITE CEDAR

'Fairy Lights'

Application No: 2010/024 Accepted: 24 February, 2010 Applicant: **Wattagem**, Maccelsfield, VIC.

Tibouchina mutabilis

'Chameleon'

Application No: 2009/310 Accepted: 14 January, 2010

Applicant: Terence Charles Keogh, Victoria Point, QLD.

Trifolium michelianum

BALANSA CLOVER

'Cobra' Application No: 2010/047 Accepted: 30 March, 2010 Applicant: **Pristine Forage Technologies Pty Ltd**, Daw Park, SA.

Triticum aestivum

WHEAT

'IGW2971'

Application No: 2009/299 Accepted: 15 January, 2010 Applicant: **InterGrain Pty Ltd**, Victoria Park, WA.

'King Rock'

Application No: 2009/300 Accepted: 15 January, 2010 Applicant: **InterGrain Pty Ltd**, Victoria Park, WA.

'Mansfield'

Application No: 2010/001 Accepted: 22 January, 2010 Applicant: **The New Zealand Institute for Plant and Food Research Limited**. Agent: **CSIRO Plant Industry**, Canberra, ACT.

Uncinia rubra

UNCINIA

'Belinda's Find'

Application No: 2010/012 Accepted: 9 February, 2010 Applicant: Lyndale Intellectual Property Ltd. Agent: Plants Management Australia, Dodges Ferry, TAS.

Vitis hybrid

GRAPEVINE ROOTSTOCK

'RS-3'

Application No: 2009/308 Accepted: 15 January, 2010 Applicant: **The Regents of the University of California**. Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

'RS-9'

Application No: 2009/309 Accepted: 15 January, 2010 Applicant: **The Regents of the University of California**. Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

xTriticosecale.

TRITICALE

'Yowie'

Application No: 2010/027 Accepted: 18 March, 2010 Applicant: **KV Cooper & MG Elleway**, Stirling, SA.

Zantedeschia spp

CALLA LILY

'Picante'

Application No: 2010/043 Accepted: 23 March, 2010 Applicant: **BLOOMZ Ltd**. Agent: **Brian Krull**, Hampton, VIC.

Zoysia japonica

ZOYSIA GRASS

'BA-189'

Application No: 2009/178 Accepted: 12 January, 2010 Applicant: **University of Florida Board of Trustees**. Agent: **GeneGro Pty Ltd**, Alexandra Hills, QLD.



IP Australia

Plant Varieties Journal - Search Results

Variety Descriptions

Click on the column headings to re-sort the matches in alphanumeric order by that particular column.

| Common (Genus Species) | Variety | Title Holder |
|--|----------------|--|
| Rhodes Grass (Chloris gayana) | Sabre | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd |
| <u>Rhodes Grass</u> <u>(Chloris gayana)</u> | Mariner | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd |
| <u>Rhodes Grass</u> <u>(Chloris gayana)</u> | Toro | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd |
| Rose Mallow (Hibiscus rosa- sinensis) | Chiffon Breeze | Yoder Brothers, Inc. |
| Chinese Hibiscus (Hibiscus rosa- sinensis) | Tye-Dye Wind | Yoder Brothers, Inc. |
| Rose Mallow (Hibiscus rosa- sinensis) | Montego Wind | Yoder Brothers, Inc. |
| Rose Mallow (Hibiscus rosa- sinensis) | Reggae Breeze | Yoder Brothers, Inc. |
| Chinese Hibiscus (Hibiscus rosa- sinensis) | Baja Breeze | Yoder Brothers, Inc. |
| Barley (Hordeum vulgare) | Moby | Pasture Genetics Pty Ltd |
| Barley (Hordeum vulgare) | Scope | Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation |
| Blady Grass (Imperata cylindrica) | ICL200 | Ozbreed Pty Ltd |
| Lentil <u>(Lens</u> culinaris) | PBA Bounty | Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation |
| | | |

| <u>Lentil (Lens</u> <u>culinaris)</u> | PBA Flash | Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation |
|--|------------------|---|
| <u>Matt Rush</u> <u>(Lomandra</u> <u>longifolia x</u> <u>confertifolia)</u> | Lime Tuff | Bushland Flora |
| <u>Southern Magnolia</u> <u>(Magnolia</u> <u>grandiflora)</u> | ТМСН | Tree Introductions Inc. |
| <u>Fountain Grass</u> <u>(Pennisetum</u> <u>advena)</u> | MTSN1 | Colourwise Nursery (NSW) Pty Ltd |
| Apricot <u>(Prunus</u> <u>armeniaca)</u> | Goldenmay | Lowell G. Bradford |
| Interspecific apricot (Prunus hybrid) | Wescot | Zaiger's Inc. Genetics |
| Prunus - Interspecific Plum <u>(Prunus hybrid)</u> | Plumsweet IV | Lowell G. Bradford |
| <u>Prunus -</u> Interspecific Plum <u>(Prunus hybrid)</u> | Blackred V | Lowell G. Bradford |
| <u>Peach (Prunus</u> persica) | SUPECHFIFTEEN | Sun World International, LLC |
| <u>Peach (Prunus</u> persica) | Pearl Princess V | Lowell G. Bradford |
| <u>Peach (Prunus</u> persica) | Princess Time | Lowell G. Bradford |
| <u>Peach (Prunus</u> persica) | May Princess | Lowell G. Bradford |
| <u>Nectarine (Prunus</u> persica var nuciperscia) | Sunectwentyone | Sun World International, LLC |
| <u>Nectarine (Prunus</u> persica var nucipersica) | MajesticPearl | Lowell G. Bradford |
| <u>Nectarine (Prunus</u> persica var nucipersica) | Autumn Bright | Lowell G. Bradford |
| <u>Nectarine (Prunus</u> persica var nucipersica) | July Bright | Lowell G. Bradford |
| Japanese Plum <u>(Prunus salicina)</u> | Redyummy | Lowell G. Bradford |
| Rose (Rosa hybrid) | Korhocsel | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (Rosa hybrid) | Kormistiana | W. Kordes' Sohne Rosenschulen GmbH & Co KG |

| Rose (Rosa hybrid) | Ausdisco | David Austin Roses Ltd |
|---|-----------------------|--|
| <u>Rose (Rosa hybrid)</u> | Korfirgo | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (Rosa hybrid) | AUSVOLUME | David Austin Roses Ltd |
| Rose (Rosa hybrid) | KORTUFEE | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (Rosa hybrid) | AUSRELATE | David Austin Roses Ltd |
| Rose (Rosa hybrid) | AUSRIMINI | David Austin Roses Ltd |
| Rose (Rosa hybrid) | AUSROVER | David Austin Roses Ltd |
| Rose (Rosa hybrid) | AUSDECORUM | David Austin Roses Ltd |
| Rose (Rosa hybrid) | Lexatseif | Levacy Ltd |
| Rose (Rosa hybrid) | Lexhcaep | Levacy Ltd |
| Rose (Rosa hybrid) | KORGRETAUM | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (Rosa hybrid) | KORABURG | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (Rosa hybrid) | AUSHOMER | David Austin Roses Ltd |
| Rose (Rosa hybrid) | AUSTANGO | David Austin Roses Ltd |
| <u>Sage (Salvia</u> hybrid) | Heatwave Sparkle | Plant Growers Australia Pty Ltd |
| Sage (Salvia hybrid) | Wendy's Wish | Wendy Smith |
| Sage (Salvia hybrid) | Heatwave Blast | Plant Growers Australia Pty Ltd |
| <u>Sage (Salvia</u> hybrid) | Heatwave Glimmer | Plant Growers Australia Pty Ltd |
| <u>Sage (Salvia</u> <u>hybrid)</u> | Heatwave Glitter | Plant Growers Australia Pty Ltd |
| <u>Lilly Pilly (Syzygium</u> <u>australe)</u> | Big Red | Peta & Scott Mclean |
| <u>Talish clover</u> <u>(Trifolium tumens)</u> | Permatas | The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment, University of Tasmania |
| <u>Wheat (Triticum</u> <u>aestivum)</u> | LongReach Beaufort | C.C. Benoist |
| Wheat (Triticum aestivum) | Naparoo | The University of Sydney and Grain Research and Development Corporation (GRDC) |
| <u>Chinese Elm</u> (Ulmus parvifolia) | EMER I | Athena Trees, Inc. |

1 to 55 of 55

Date of effect: 10-May-2010



Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Apricot (Prunus armeniaca)

| Variety: | 'Goldenmay' |
|----------|-------------|
| Synonym: | Golden Glow |

| Application no: | 2009/230 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 03-Sep-2009 |
| Accepted: | 11-Nov-2009 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| 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 - Search Result Details

Barley (Hordeum vulgare)

Variety: 'Moby' Synonym: N/A

Application
no:2009/015Current
status:ACCEPTEDCertificate
no:N/AReceived:03-Feb-2009Accepted:06-Feb-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Pasture Genetics Pty LtdAgent:N/ATelephone:0884451111Fax:0884457777

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Barley (Hordeum vulgare)

| Variety: | 'Scope' |
|----------|----------|
| Synonym: | Scope CL |

| Application no: | 2009/262 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 22-Sep-2009 |
| Accepted: | 30-Nov-2009 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title | Agriculture Victoria Services Pty Ltd and Grains |
|------------|--|
| Holder: | Research and Development Corporation |
| Agent: | N/A |
| Telephone: | 0392174138 |
| Fax: | 0392174161 |

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Blady Grass (Imperata cylindrica)

Variety: 'ICL200' Synonym: N/A

Application 2007/231 no:

Current ACCEPTED status:

Certificate N/A

Received: 07-Sep-2007 Accepted: 25-Oct-2007 Granted: N/A

Description published in

Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Ozbreed Pty LtdAgent:N/ATelephone:0245772977Fax:0245877728

View the detailed description of this variety.




Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Chinese Elm (Ulmus parvifolia)

| Variety: | 'EMER I' |
|----------|--------------|
| Synonym: | EMERALD ISLE |

Application 1997/291 no:

Current ACCEPTED status:

Certificate N/A

Received: 04-Nov-1997 Accepted: 05-Nov-1997 Granted: N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder: Athena Trees, Inc.Agent:Fleming's Nurseries Pty LtdTelephone:0397566105Fax:0397520005

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Chinese Hibiscus (Hibiscus rosa-sinensis)

Variety: 'Tye-Dye Wind' Synonym: N/A

Application
no:2008/343Current
status:ACCEPTEDCertificate
no:N/AReceived:13-Nov-2008Accepted:15-Dec-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Yoder Brothers, Inc.Agent:Oasis Horticulture Pty LimitedTelephone:0243826642Fax:N/A

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Chinese Hibiscus (Hibiscus rosa-sinensis)

Variety: 'Baja Breeze' Synonym: N/A

Application
no:2008/342Current
status:ACCEPTEDCertificate
no:N/AReceived:13-Nov-2008Accepted:15-Dec-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Yoder Brothers, Inc.Agent:Oasis Horticulture Pty LimitedTelephone:0243826642Fax:N/A

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Fountain Grass (Pennisetum advena)

Variety: 'MTSN1' Synonym: EmeraldElf

| Application no: | 2009/364 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 22-Dec-2009 |
| Accepted: | 03-May-2010 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Colourwise Nursery (NSW) Pty LtdAgent:N/ATelephone:0245666177Fax:0245666219

View the detailed description of this variety.





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Plant Varieties Journal - Search Result Details

Interspecific apricot (Prunus hybrid)

Variety: 'Wescot' Synonym: N/A

Application
no:2006/359Current
status:ACCEPTEDCertificate
no:N/AReceived:22-Dec-2006Accepted:27-Feb-2007Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Zaiger's Inc. GeneticsAgent:Graham's Factree Pty LtdTelephone:0399991999Fax:0359674645

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Japanese Plum (Prunus salicina)

Variety: 'Redyummy' Synonym: Redcandy

| Application no: | 2009/223 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 03-Sep-2009 |
| Accepted: | 09-Nov-2009 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Lowell G. BradfordAgent:Buchanan's NurseryTelephone:0746152182Fax:0746152183

View the detailed description of this variety.





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Plant Varieties Journal - Search Result Details

Lentil (Lens culinaris)

| Variety: | 'PBA Bounty' |
|----------|--------------|
| Synonym: | Bounty |

| Application no: | 2009/260 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 22-Sep-2009 |
| Accepted: | 09-Nov-2009 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title | Agriculture Victoria Services Pty Ltd and Grains |
|------------|--|
| Holder: | Research and Development Corporation |
| Agent: | N/A |
| Telephone: | 0392174138 |
| Fax: | 0392174161 |

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Lentil (Lens culinaris)

| Variety: | 'PBA Flash' |
|----------|-------------|
| Synonym: | Flash |

| Application no: | 2009/261 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 22-Sep-2009 |
| Accepted: | 09-Nov-2009 |
| Granted: | N/A |

Descriptionpublished inPlantVolume 23, Issue 1VarietiesJournal:

| Title | Agriculture Victoria Services Pty Ltd and Grains |
|------------|--|
| Holder: | Research and Development Corporation |
| Agent: | N/A |
| Telephone: | 0392174138 |
| Fax: | 0392174161 |

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Lilly Pilly (Syzygium australe)

Variety: 'Big Red' Synonym: N/A

Application
no:2007/267Current
status:ACCEPTEDCertificate
no:N/AReceived:02-Oct-2007Accepted:26-Mar-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Peta & Scott McleanAgent:Plants Management Pty. Ltd.Telephone:0362692123Fax:0362692612

View the detailed description of this variety.





Plant Varieties Journal

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Plant Varieties Journal - Search Result Details Matt Rush (Lomandra longifolia x confertifolia)

Variety: 'Lime Tuff' Synonym: N/A

Application
no:2008/031Current
status:ACCEPTEDCertificate
no:N/AReceived:12-Feb-2008Accepted:26-Mar-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

 Title Holder:
 Bushland Flora

 Agent:
 N/A

 Telephone:
 0397364364

 Fax:
 0397364716

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Nectarine (Prunus persica var nuciperscia)

Variety: 'Sunectwentyone' Synonym: SN21

Application
no:2007/323Current
status:ACCEPTEDCertificate
no:N/AReceived:20-Dec-2007Accepted:22-May-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Sun World International, LLCAgent:Sun World AustralasiaTelephone:0263360655Fax:0263361633

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Nectarine (Prunus persica var nucipersica)

Variety:'MajesticPearl'Synonym:MajesticIce

| Application no: | 2009/229 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 03-Sep-2009 |
| Accepted: | 11-Nov-2009 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Lowell G. BradfordAgent:Buchanan's NurseryTelephone:0746152182Fax:0746152183

View the detailed description of this variety.





Plant Varieties Journal

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Plant Varieties Journal - Search Result Details

Nectarine (Prunus persica var nucipersica)

Variety: 'Autumn Bright' Synonym: N/A

Application
no:2009/232Current
status:ACCEPTEDCertificate
no:N/AReceived:03-Sep-2009Accepted:11-Feb-2010Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Lowell G. BradfordAgent:Buchanan's NurseryTelephone:0746152182Fax:0746152183

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Nectarine (Prunus persica var nucipersica)

| Variety: | 'July Bright' |
|----------|---------------|
| Synonym: | Julygold |

| Application no: | 2009/222 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 03-Sep-2009 |
| Accepted: | 09-Nov-2009 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title Holder: | Lowell G. Bradford |
|---------------|--------------------|
| Agent: | Buchanan's Nursery |
| Telephone: | 0746152182 |
| Fax: | 0746152183 |

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Peach (Prunus persica)

Variety: 'SUPECHFIFTEEN' Synonym: SP15

Application
no:2007/056Current
status:ACCEPTEDCertificate
no:N/AReceived:16-Feb-2007Accepted:02-Mar-2007Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Sun World International, LLCAgent:Sun World AustralasiaTelephone:0263360655Fax:0263361633

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Peach (Prunus persica)

Variety: 'Pearl Princess V' Synonym: N/A

Application
no:2009/227Current
status:ACCEPTEDCertificate
no:N/AReceived:03-Sep-2009Accepted:11-Nov-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Lowell G. BradfordAgent:Buchanan's NurseryTelephone:0746152182Fax:0746152183

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Peach (Prunus persica)

| Variety: | 'Princess Time' |
|----------|-----------------|
| Synonym: | Spring Time |

| Application no: | 2009/224 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 03-Sep-2009 |
| Accepted: | 09-Nov-2009 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title Holder: | Lowell G. Bradford |
|---------------|--------------------|
| Agent: | Buchanan's Nursery |
| Telephone: | 0746152182 |
| Fax: | 0746152183 |

View the detailed description of this variety.





Plant Varieties Journal

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Plant Varieties Journal - Search Result Details

Peach (Prunus persica)

Variety: 'May Princess' Synonym: N/A

Application
no:2009/228Current
status:ACCEPTEDCertificate
no:N/AReceived:03-Sep-2009Accepted:11-Nov-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title Holder: | Lowell G. Bradford |
|---------------|--------------------|
| Agent: | Buchanan's Nursery |
| Telephone: | 0746152182 |
| Fax: | 0746152183 |

View the detailed description of this variety.





Plant Varieties Journal

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Plant Varieties Journal - Search Result Details

Prunus - Interspecific Plum (Prunus hybrid)

Variety:'Plumsweet IV'Synonym:Green Red IV

Application
no:2009/225Current
status:ACCEPTEDCertificate
no:N/AReceived:03-Sep-2009Accepted:09-Nov-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Lowell G. BradfordAgent:Buchanan's NurseryTelephone:0746152182Fax:0746152183

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Prunus - Interspecific Plum (Prunus hybrid)

| Variety: | 'Blackred V' |
|----------|--------------|
| Synonym: | Plumback V |

| Application no: | 2009/231 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 03-Sep-2009 |
| Accepted: | 11-Nov-2009 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title Holder: | Lowell G. Bradford |
|---------------|--------------------|
| Agent: | Buchanan's Nursery |
| Telephone: | 0746152182 |
| Fax: | 0746152183 |

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Rhodes Grass (Chloris gayana)

Variety: 'Sabre' Synonym: N/A

Application
no:2009/141Current
status:ACCEPTEDCertificate
no:N/AReceived:11-Jun-2009Accepted:13-Jul-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title | Blue Ribbon Seed and Pulse Exporters Pty Ltd, |
|------------|---|
| Holder: | Australian Premium Seeds Holdings Pty Ltd |
| Agent: | N/A |
| Telephone: | 0737201900 |
| Fax: | 0737201911 |

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Rhodes Grass (Chloris gayana)

Variety: 'Mariner' Synonym: N/A

Application
no:2009/139Current
status:ACCEPTEDCertificate
no:N/AReceived:11-Jun-2009Accepted:13-Jul-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title | Blue Ribbon Seed and Pulse Exporters Pty Ltd, |
|------------|---|
| Holder: | Australian Premium Seeds Holdings Pty Ltd |
| Agent: | N/A |
| Telephone: | 0737201900 |
| Fax: | 0737201911 |

View the detailed description of this variety.





Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rhodes Grass (Chloris gayana)

Variety: 'Toro' Synonym: N/A

Application
no:2009/140Current
status:ACCEPTEDCertificate
no:N/AReceived:11-Jun-2009Accepted:13-Jul-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title | Blue Ribbon Seed and Pulse Exporters Pty Ltd, |
|------------|---|
| Holder: | Australian Premium Seeds Holdings Pty Ltd |
| Agent: | N/A |
| Telephone: | 0737201900 |
| Fax: | 0737201911 |

View the detailed description of this variety.





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Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'Korhocsel' Synonym: N/A

| Application no: | 2005/096 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 01-Apr-2005 |
| Accepted: | 29-Jun-2005 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:W. Kordes' Sohne Rosenschulen GmbH & Co KGAgent:Treloar Roses Pty LtdTelephone:0355292367Fax:0355292511

View the detailed description of this variety.





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Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'Kormistiana' Synonym: N/A

| Application no: | 2006/102 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 08-May-2006 |
| Accepted: | 21-Jul-2006 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:W. Kordes' Sohne Rosenschulen GmbH & Co KGAgent:Treloar Roses Pty LtdTelephone:0355292367Fax:0355292511

View the detailed description of this variety.





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Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'Ausdisco' Synonym: N/A

| Application no: | 2006/060 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 30-Mar-2006 |
| Accepted: | 29-Apr-2006 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:David Austin Roses LtdAgent:Siebler Publishing ServicesTelephone:0398895453Fax:0398895281

View the detailed description of this variety.





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Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'Korfirgo' Synonym: N/A

| Application no: | 2006/099 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 08-May-2006 |
| Accepted: | 21-Jul-2006 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:W. Kordes' Sohne Rosenschulen GmbH & Co KGAgent:Treloar Roses Pty LtdTelephone:0355292367Fax:0355292511

View the detailed description of this variety.



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Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'AUSVOLUME' Synonym: N/A

Application
no:2009/034Current
status:ACCEPTEDCertificate
no:N/AReceived:06-Mar-2009Accepted:03-Jul-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:David Austin Roses LtdAgent:Siebler Publishing ServicesTelephone:0398895453Fax:0398895281

View the detailed description of this variety.



IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'KORTUFEE' Synonym: N/A

Application
no:2009/032Current
status:ACCEPTEDCertificate
no:N/AReceived:06-Mar-2009Accepted:04-Sep-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:W. Kordes' Sohne Rosenschulen GmbH & Co KGAgent:Treloar Roses Pty LtdTelephone:0355292367Fax:0355292511

View the detailed description of this variety.



Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'AUSRELATE' Synonym: N/A

Application
no:2009/033Current
status:ACCEPTEDCertificate
no:N/AReceived:06-Mar-2009Accepted:03-Jul-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:David Austin Roses LtdAgent:Siebler Publishing ServicesTelephone:0398895453Fax:0398895281

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'AUSRIMINI' Synonym: N/A

Application
no:2009/035Current
status:ACCEPTEDCertificate
no:N/AReceived:06-Mar-2009Accepted:03-Jul-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:David Austin Roses LtdAgent:Siebler Publishing ServicesTelephone:0398895453Fax:0398895281

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'AUSROVER' Synonym: N/A

| 2008/098 |
|-------------|
| ACCEPTED |
| N/A |
| 04-Apr-2008 |
| 06-May-2008 |
| N/A |
| |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:David Austin Roses LtdAgent:Siebler Publishing ServicesTelephone:0398895453Fax:0398895281

View the detailed description of this variety.



IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'AUSDECORUM' Synonym: N/A

Application
no:2008/097Current
status:ACCEPTEDCertificate
no:N/AReceived:04-Apr-2008Accepted:06-May-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:David Austin Roses LtdAgent:Siebler Publishing ServicesTelephone:0398895453Fax:0398895281

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'Lexatseif' Synonym: N/A

Application
no:2008/336Current
status:ACCEPTEDCertificate
no:N/AReceived:10-Nov-2008Accepted:03-Dec-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Levacy LtdAgent:Grandiflora Nurseries Pty LtdTelephone:0397822777Fax:0397822576

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'Lexhcaep' Synonym: N/A

Application
no:2008/337Current
status:ACCEPTEDCertificate
no:N/AReceived:10-Nov-2008Accepted:03-Dec-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Levacy LtdAgent:Grandiflora Nurseries Pty LtdTelephone:0397822777Fax:0397822576

View the detailed description of this variety.



IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'KORGRETAUM' Synonym: N/A

Application
no:2009/030Current
status:ACCEPTEDCertificate
no:N/AReceived:06-Mar-2009Accepted:04-Sep-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:W. Kordes' Sohne Rosenschulen GmbH & Co KGAgent:Treloar Roses Pty LtdTelephone:0355292367Fax:0355292511

View the detailed description of this variety.




IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'KORABURG' Synonym: N/A

Application
no:2009/031Current
status:ACCEPTEDCertificate
no:N/AReceived:06-Mar-2009Accepted:04-Sep-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:W. Kordes' Sohne Rosenschulen GmbH & Co KGAgent:Treloar Roses Pty LtdTelephone:0355292367Fax:0355292511

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'AUSHOMER' Synonym: N/A

Application
no:2007/099Current
status:ACCEPTEDCertificate
no:N/AReceived:20-Mar-2007Accepted:18-May-2007Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:David Austin Roses LtdAgent:Siebler Publishing ServicesTelephone:0398895453Fax:0398895281

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Rose (Rosa hybrid)

Variety: 'AUSTANGO' Synonym: N/A

Application
no:2007/098Current
status:ACCEPTEDCertificate
no:N/AReceived:20-Mar-2007Accepted:11-Apr-2007Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:David Austin Roses LtdAgent:Siebler Publishing ServicesTelephone:0398895453Fax:0398895281

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Rose Mallow (Hibiscus rosa-sinensis)

Variety: 'Chiffon Breeze' Synonym: N/A

Application
no:2008/332Current
status:ACCEPTEDCertificate
no:N/AReceived:07-Nov-2008Accepted:15-Dec-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder: Yoder Brothers, Inc.Agent:Oasis Horticulture Pty LimitedTelephone:0243826642Fax:N/A

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Rose Mallow (Hibiscus rosa-sinensis)

Variety: 'Montego Wind' Synonym: N/A

Application
no:2008/331Current
status:ACCEPTEDCertificate
no:N/AReceived:07-Nov-2008Accepted:15-Dec-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder: Yoder Brothers, Inc.Agent:Oasis Horticulture Pty LimitedTelephone:0243826642Fax:N/A

View the detailed description of this variety.



Date of effect: 10-May-2010



Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Rose Mallow (Hibiscus rosa-sinensis)

Variety: 'Reggae Breeze' Synonym: N/A

Application
no:2008/333Current
status:ACCEPTEDCertificate
no:N/AReceived:07-Nov-2008Accepted:15-Dec-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder: Yoder Brothers, Inc.Agent:Oasis Horticulture Pty LimitedTelephone:0243826642Fax:N/A

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Sage (Salvia hybrid)

Variety: 'Heatwave Sparkle' Synonym: N/A

Application
no:2009/022Current
status:ACCEPTEDCertificate
no:N/AReceived:17-Feb-2009Accepted:10-Apr-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Plant Growers Australia Pty LtdAgent:Plants Management Australia Pty LtdTelephone:0362692123Fax:0362692612

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Sage (Salvia hybrid)

Variety: 'Wendy's Wish' Synonym: N/A

Application
no:2009/013Current
status:ACCEPTEDCertificate
no:N/AReceived:30-Jan-2009Accepted:19-Mar-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Wendy SmithAgent:Plants Management Australia Pty. Ltd.Telephone:0362692123Fax:0362692612

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Sage (Salvia hybrid)

Variety: 'Heatwave Blast' Synonym: N/A

Application
no:2009/021Current
status:ACCEPTEDCertificate
no:N/AReceived:17-Feb-2009Accepted:10-Apr-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Plant Growers Australia Pty LtdAgent:Plants Management Australia Pty LtdTelephone:0362692123Fax:0362692612

View the detailed description of this variety.





👫 IP Australia

Plant Varieties Journal - Search Result Details

Sage (Salvia hybrid)

Variety: 'Heatwave Glimmer' Synonym: N/A

Application
no:2009/024Current
status:ACCEPTEDCertificate
no:N/AReceived:17-Feb-2009Accepted:10-Apr-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Plant Growers Australia Pty LtdAgent:Plants Management Australia Pty LtdTelephone:0362692123Fax:0362692612

View the detailed description of this variety.





🖅 IP Australia

Plant Varieties Journal - Search Result Details

Sage (Salvia hybrid)

Variety: 'Heatwave Glitter' Synonym: N/A

Application no: Current status: Certificate no: ACCEPTED

Received:17-Feb-2009Accepted:10-Apr-2009Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

There is no detailed description for this variety available in this database.

Title Holder:Plant Growers Australia Pty LtdAgent:Plants Management Australia Pty LtdTelephone:0362692123Fax:0362692612

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Southern Magnolia (Magnolia grandiflora)

Variety: 'TMGH' Synonym: N/A

Application
no:2001/139Current
status:ACCEPTEDCertificate
no:N/AReceived:21-May-2001Accepted:20-Nov-2001Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:Tree Introductions Inc.Agent:Fleming's Nurseries Pty LtdTelephone:0397566105Fax:0397520005

View the detailed description of this variety.





Plant Varieties Journal

IP Australia

Plant Varieties Journal - Search Result Details

Talish clover (Trifolium tumens)

Variety: 'Permatas' Synonym: N/A

| Application no: | 2008/287 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 30-Sep-2008 |
| Accepted: | 15-Dec-2008 |
| Granted: | N/A |

Description

published inPlantVolume 23, Issue 1VarietiesJournal:

| Title | The Crown in Right of the State of Tasmania through |
|------------|---|
| Holder: | the Department of Primary Industries, Water and |
| | Environment, University of Tasmania |
| Agent: | N/A |
| Telephone: | 0363365200 |
| Fax: | 0363365395 |
| | |

View the detailed description of this variety.





Plant Varieties Journal

* IP Australia

Plant Varieties Journal - Search Result Details

Wheat (Triticum aestivum)

Variety: 'LongReach Beaufort' Synonym: N/A

Application
no:2008/025Current
status:ACCEPTEDCertificate
no:N/AReceived:30-Jan-2008Accepted:18-Mar-2008Granted:N/A

Description published in Plant Volume 23, Issue 1 Varieties Journal:

Title Holder:C.C. BenoistAgent:LongReach Plant Breeders Management Pty LtdTelephone:039493214Fax:0394553808

View the detailed description of this variety.





IP Australia

Plant Varieties Journal - Search Result Details

Wheat (Triticum aestivum)

Variety: 'Naparoo' Synonym: N/A

| Application no: | 2006/300 |
|--------------------|-------------|
| Current status: | ACCEPTED |
| Certificate no: | N/A |
| Received: | 23-Nov-2006 |
| Accepted: | 13-Jun-2008 |
| Granted: | N/A |

Description published in Plant Volume 23, Issue 1 Varieties Journal:

| Title | The University of Sydney and Grain Research and |
|------------|---|
| Holder: | Development Corporation (GRDC) |
| Agent: | Australian Grain Technologies |
| Telephone: | 0883036862 |
| Fax: | 0883036865 |

View the detailed description of this variety.



| Details of Application | |
|-------------------------------|---|
| Application Number | 2009/230 |
| Variety Name | 'Goldenmay' |
| Genus Species | Prunus armeniaca |
| Common Name | Apricot |
| Synonym | Golden Glow |
| Accepted Date | 11 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |
| Details of Comparativ | ze Trial |
| Overseas Testing | United States Patent and Trademark Office (USPTO) |
| Authority | |
| Overseas Data | US PP 20,104 |
| Reference Number | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, |
| | 4352 |
| Descriptor | Apricot (Prunus armeniaca) TG/70/4 Rev. |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for |
| | Hodgsonvale, QLD. Sufficient winter chill as observed and |
| | average summer temperatures for the area. There were some |
| | dry conditions experienced and supplemental irrigation was |
| | used. All standard orchard practice and maintenance was used |
| | for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of |
| | 2.5 metres between trees and 5 metres between tree rows. The |
| | comparator was also planted on the same tree number and |
| | spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were |
| | made to confirm that the variety is the same description in the |
| | US PP 20,104. Upon completion of the observations the |
| | variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The present variety was hybridized by Glen Bradford in 2000 as a first generation cross using 'Golden Blush' apricot as the selected seed parent and "16P245" unnamed apricot as the selected pollen parent. The fruit of this cross was gathered and the seeds were removed, cracked, stratified and grown on their own roots in a greenhouse. From there they were planted into a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the fruit evaluation season of 2004 the present variety was selected from the group of seedlings described above. Subsequent to the origination of the present variety it was asexually reproduced through 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.

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

| 2 | 0 | |
|------------------|------------------------------|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Fruit | size | medium/medium to large |
| Fruit | ground colour of skin | medium orange/dark orange |
| Fruit | relative area of over colour | small to medium/medium |
| Fruit | time of ripening | very early to early/early |
| | | |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|--|
| 'Castlebright' | 'Castlebright' matures at the same time as the candidate variety |
| 'Golden Sweet' | 'Golden Sweet' is a maternal grand parent of the candidate variety |
| 'Goldenblush' | 'Goldenblush' is the seed parent of the candidate variety |
| 'Poppicot' | 'Poppicot' is an early variety |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Disting Chara | guishing cteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|----------------------------|------------------|----------------------------|---|---|--|
| 'Golden Sweet' | Fruit | maturity | very early to early | early to medium | 'Golden Sweet' is rejected because of different maturity time. |
| 'Goldenblush 'Poppicot' | 'Fruit Fruit | size colour of flesh | medium to large dark orange | small to medium yellow – light yellow | |

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

| Org | gan/Plant Part: Context | 'Goldenmay' | 'Castlebright' |
|--------|---|---|---|
| | Tree: vigour | strong | medium to strong |
| | Tree: habit | spreading | spreading |
| | Tree: degree of branching | medium to strong | strong |
| | *Tree: distribution of flower buds | equally on spurs and on one-year old shoots | equally on spurs and on one-year old shoots |
| | *Young shoot: anthocyanin colouration of apex | medium to strong | medium to strong |
| | One-year-old shoot: colour on sunny side | red brown | red brown |
| \Box | One-year old shoot: size of bud support | medium to large | medium |
| | Leaf blade: length | medium to long | medium to long |
| | Leaf blade: width | broad | broad |
| | Leaf blade: ratio length/width | medium | medium |
| \Box | Leaf blade: intensity of green colour of upper side | dark | dark |
| | Leaf blade: shape of base | truncate | truncate |

| | Leaf blade: angle of apex (excluding tip) | right-angled | right-angled |
|-----------|--|--------------------|--------------------|
| | Leaf blade: length of tip | short | short |
| | Leaf blade: incisions of margin | serrate | serrate |
| | Leaf blade: undulation of margin | weak to medium | medium |
| | Leaf blade: profile in cross section | moderately concave | moderately concave |
| | *Petiole: length | medium to long | medium to long |
| | Leaf: ratio length of blade/length of petiole | medium | medium |
| | Petiole: thickness | thin to medium | medium |
| \square | Petiole: anthocyanin colouration of upper side | medium | weak to medium |
| | *Petiole: predominant number of nectaries | two or three | two or three |
| \square | Petiole: size of nectaries | small to medium | small to medium |
| ✓ | *Flower: diameter | large | medium |
| \Box | Flower: position of stigma relative to anthers | same level | same level |
| | Petal: shape (excluding claw) | circular | circular |
| ✓ | Petal: colour on lower side | light pink | white |
| | *Fruit: size | medium to large | medium |
| ✓ | Fruit: shape in lateral view | circular | ovate |
| | Fruit: shape in ventral view | circular | circular |
| | Fruit: height | medium | medium |
| | Fruit: lateral width | broad | medium |
| | Fruit: ventral width | broad | medium |
| | Fruit: ratio height/ventral width | medium | medium |
| \square | Fruit: ratio lateral width/ventral width | medium | medium |
| | Fruit: symmetry in ventral view | symmetric | symmetric |
| | *Fruit: suture | slightly sunken | moderately sunken |
| | *Fruit: depth of stalk cavity | medium | medium |
| \Box | *Fruit: shape of apex | rounded | rounded |
| | Fruit: presence of mucron | present | present |
| | Fruit: surface | smooth | smooth |
| | Fruit: pubescence | present | present |
| | *Fruit: ground colour of skin | dark orange | medium orange |
| | *Fruit: relative area of over colour | medium | small to medium |
| | Fruit: hue of over colour | red | red |

| ~ | Fruit: intensity of over colour | | medium to dark | light to medium |
|-----|--|---------------------------|----------------|-------------------|
| | Fruit: pattern of over colour | | solid flush | solid flush |
| ✓ | *Fruit: colour of flesh | | dark orange | light orange |
| | Fruit: texture of flesh | | fine to medium | fine to medium |
| • | Fruit: firmness of flesh | | firm | medium |
| | Fruit: ratio weight of fruit/weight of | stone | medium | medium |
| | *Fruit: adherence of stone to flesh | | weak | weak to medium |
| | *Stone: shape in lateral view | | elliptic | elliptic |
| ✓ | Kernel: bitterness | | strong | medium |
| ✓ | *Time of: beginning of flowering | | early | late to very late |
| | *Time of: beginning of fruit ripenin | very early to early early | | |
| Pri | or Applications and Sales | | | |
| Cou | intry Year | Current Status | Name Applied | |
| US | A 2007 | Granted | 'Goldenmay' | |

First sold in the USA in Jan 2007.

Description: Peter Buchanan, Hodgsonvale, QLD.

Details of Application

| Application Number | 2009/015 |
|---------------------------|---|
| Variety Name | 'Moby' |
| Genus Species | Hordeum vulgare |
| Common Name | Barley |
| Synonym | - |
| Accepted Date | 06 Feb 2009 |
| Applicant | Pasture Genetics Pty Ltd, Wingfield, SA |
| Agent | |
| Oualified Person | Katharine V Cooper |

Details of Comparative Trial

| Location | Pasture Genetics, Penfield, South Australia | | |
|----------------------------|--|--|--|
| Descriptor | Barley (Hordeum vulgare) TG/19/10 | | |
| Period | Winter to spring 2009 | | |
| Conditions | The trial was sown on 15 May 2009, into moist Bay of Biscay soil, following an irrigated summer crop of sorghum. Seeding rate was 50kg/ha. Fertilizer at sowing was 125kg/ha of N=9.1, P=13.2 K=10, S=8.9. Two subsequent applications of 100kg/ha urea applied by fertigation. Weed control was by an application of 2,4-DB herbicide @2.5L/ha. The plants grew well with adequate natural rainfall | | |
| Trial Design | 4 replicates each of 'Moby' current generation, 'Moby' previous generation and the comparator, 'Dictator', in randomised design. Plot size is 1.8x10m, with 8 rows. Approximately 800 plants per plot. | | |
| Measurements | Measurements were made on 25 plants from each of the two most even replicates. | | |
| RHS Chart - edition | - | | |

Origin and Breeding

Off-type plants with whitish aleurone and awnless head type, were selected from a trial grown from certified seed of 'Dictator' barley, located on Flett Road, Roseworthy, in 2005. These selections were grown over 3 generations, with rogueing and selection of single plants of the desired phenotype, to form the variety 'Moby', formerly known as PGB01. Selection criteria: uniformity for early forage production, early heading date, awnless (hooded) head type and whitish grain colour. Breeder: Robert Damin, Pasture Genetics Pty Ltd. Selection criteria: uniformity for early forage production, early heading date, awnless (hooded) head type and whitish grain colour.

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

| variety of common knowledge | | | | | |
|-----------------------------|------------------|---|--|--|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties | | | |
| Ear | presence of awns | absent | | | |
| Ear | number of rows | more than two | | | |
| Plant | seasonal type | spring | | | |

| Most Similar Varieties of Common | Knowledge identified (VCK) |
|----------------------------------|----------------------------|
| Name | Comments |
| 'Dictator' | Source variety. |

| arieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|--------------|------------------|------------------------|---------------------------|--|
| Variety | Distinguishi | ing | State of Expression in | State of Expression in | |
| | Characteris | tics | Candidate Variety | Comparator Variety | |
| 'Cape' | Ear | presence of awns | absent | present | |
| 'Dictator2' | Ear | number of rows | more than 2 | 2 | |

Varieties of Common Knowledge identified and subsequently excluded

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

| Org | gan/Plant Part: Context | 'Moby' | 'Dictator' |
|-----------|--|----------------------|----------------------|
| | *Plant: growth habit | intermediate | intermediate |
| | *Lowest leaves: hairiness of leaf sheaths | absent | absent |
| ✓ | *Flag leaf: anthocyanin colouration of auricles | present | absent |
| | *Flag leaf: intensity of anthocyanin colouration of auricles | weak | |
| | Plant: frequency of plants with recurved flag leaves | absent or very low | vabsent or very low |
| ✓ | Flag leaf: glaucosity of sheath | weak | medium |
| ✓ | *Time of: ear emergence | early | medium |
| | *Awns: anthocyanin colouration of tips | absent | absent |
| | *Ear: glaucosity | very weak to weak | very weak to weak |
| | Ear: attitude | erect | erect |
| ✓ | *Plant: length | medium | long |
| | *Ear: number of rows | more than two | more than two |
| | Ear: shape | fusiform | fusiform |
| | *Ear: density | dense | dense |
| | Ear: length | medium | medium |
| | Rachis: length of first segment | short | short |
| | Rachis: curvature of first segment | very weak to weak | very weak to weak |
| □ grai | Median spikelet: length of glume and its awn relative to in | equal | equal |
| V | *Grain: rachilla hair type | long | short |
| | *Grain: husk | present | present |
| ✓ | Grain: anthocyanin colouration of nerves of lemma | medium | weak |
| □ lem | Grain: spiculation of inner lateral nerves of dorsal side of | medium | medium |
| | *Grain: hairiness of ventral furrow | absent | absent |
| | Grain: disposition of lodicules | clasping | clasping |

| ✓ | Kernel: colour of aleurone layer | whitish | strongly coloured |
|-------------|---|-------------|-------------------|
| | *Season: type | spring type | spring type |
| <u>Cha</u> | aracteristics Additional to the Descriptor/TG | | |
| Org | gan/Plant Part: Context | 'Moby' | 'Dictator' |
| | Awn: presence | absent | absent |
| ~ | Plant: days to heading | 104 | 111 |
| <u>Sta</u> | tistical Table | | |
| Org | gan/Plant Part: Context | 'Moby' | 'Dictator' |
| ✓ | Plant: height (cm) | | |
| Mea | an | 121.94 | 134.54 |
| Std | . Deviation | 5.72 | 3.19 |
| LSI | D/sig | 1.72 | P≤0.01 |
| <u>Prie</u> | or Applications and Sales | | |

Nil.

Description: Katharine V Cooper, Stirling, SA

Details of Application

| Application Number | 2009/262 |
|------------------------------|---|
| Variety Name | 'Scope' |
| Genus Species | Hordeum vulgare |
| Common Name | Barley |
| Synonym | Scope CL |
| Accepted Date | 30 Nov 2009 |
| Applicant | Agriculture Victoria Services Pty Ltd, Attwood, VIC and |
| | Grains Research and Development Corporation, Barton, ACT |
| Agent | |
| Qualified Person | Antonio Leonforte |
| Details of Comparativ | <u>ve Trial</u> |
| Location | Horsham, VIC |
| Descriptor | Barley (Hordeum vulgare) UPOV TG/19/10. |
| Period | Jun-Nov 2009 |
| Conditions | The Wimmera is a major cereal production zone in southern |
| | Australia. Soil type: Wimmera grey cracking soil. |
| Trial Design | Randomised Complete Block Design. |
| Measurements | Grain plumpness, tolerance to imidazolinone herbicides. |

Origin and Breeding

RHS Chart - edition

Induced mutation: Scope is derived from an induced mutation of the barley variety 'Buloke'. Approximately 812,195 seeds of 'Buloke' were soaked in 0.25% ethyl methane sulfonate (EMS), dried and sown in a 0.5ha plot at Horsham in 2006. The plot was bulk harvested and 200kg of M2 seed (approx. 4.88 million seeds) sown at Horsham and sprayed post emergence with 80g/ha of ON DUTY® (a.i. Imazapic 525g/kg + imazapyr 175g/kg). 20 surviving plants were harvested individually by hand and evaluated from 2007-09. Scope was selected for release based on good tolerance to imidazolinone herbicides and higher yield and higher grain plumpness compared to 'Buloke'. 'Scope' was initially tested as BULOKE-EMS05*06HI005 and renamed VBHT0805 for evaluation nationally in 2008. It was also deposited as NCIMB 41549 at NCIMB Ltd of Ferguson Building, Craibstone Estate, Buckburn, Aberdeen, Scotland to fulfil requirements of a patent submission. The haplotype of 'Scope' differed from the 'Buloke' reference sample (VB0105*12) at 41 of 1424 single polynucleotide polymorphism (SNP) loci. Scope was bred for AVS by Dr Michael Materne, David Moody, Dr Chris Pittock, David Watson and Bruce Holding.

<u>Choice of Comparators</u> 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 |
|-------------------------|-------------------------------------|---|
| Lower leaves | hariness of leaf sheath | absent |
| Flag leaf | anthocyanin colouration of auricles | present |
| Plant | length | medium to long |
| Ear | number of rows | two |
| Sterile spikelet | attitude | parallel to weakly divergent |
| Grain | husk | present |
| Kernel | colour of aleurone layer | whitish |

| Season | type | spring type | |
|--------------|------------------|---------------------------------------|--|
| Most Similar | Varieties of Com | <u>mon Knowledge identified (VCK)</u> | |
| Name | | Comments | |

Buloke

Varieties of Common Knowledge identified

| Variety | Disting | guishing | State of Expression | State of Expression in | Comments |
|------------------|----------------|---|----------------------------|------------------------|--|
| | Chara | cteristics | in Candidate Variety | Comparator Variety | |
| Buloke Buloke | Grain Plant | plumpness tolerance to imidazolinone herbicide | medium to high tolerant | medium intolerant | Based on visual plant tissue damage and early plant death. |

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

| Org | gan/Plant Part: Context | Scope | Buloke |
|-----|--|------------------------------|------------------------------|
| | *Plant: growth habit | semi-erect to intermediate | semi-erect to intermediate |
| | *Lowest leaves: hairiness of leaf sheaths | absent | absent |
| | *Flag leaf: anthocyanin colouration of auricles | present | present |
| | *Flag leaf: intensity of anthocyanin colouration of auricles | weak | weak |
| | *Plant: time of ear emergence | medium | medium |
| | *Awn: anthocyanin colouration of tips | absent | absent |
| | *Awn: intensity of anthocyanin colouration of tips | very weak | very weak |
| | *Plant: length | medium to long | medium to long |
| | *Ear: number of rows | two | two |
| | *Ear: density | medium | medium |
| | *Awn: length | medium to long | medium to long |
| | *Sterile spikelet: attitude | parallel to weakly divergent | parallel to weakly divergent |
| | *Grain: husk | present | present |
| | Kernel: colour of aleurone layer | whitish | whitish |
| | *Season: type | spring type | spring type |
| Ch | practeristics Additional to the Descriptor/TC | | |
| Org | gan/Plant Part: Context | 'Scope' | 'Buloke' |
| ✓ | Grain: size | medium to large, | medium |

Plant: herbicide tolerance (Imidazolinone) tolerant sensitive

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---------|------|----------------|--------------|
| EU | 2007 | Withdrawn | 'Scope' |

Description: Antonio Leonforte, VIDA, Horsham, VIC

Details of Application

| Application Number | 2007/231 |
|--------------------|---------------------------------|
| Variety Name | 'ICL200' |
| Genus Species | Imperata cylindrica |
| Common Name | Blady Grass |
| Synonym | Nil |
| Accepted Date | 26 May 2008 |
| Applicant | Ozbreed Pty Ltd, Clarendon, NSW |
| Agent | N/A |
| Oualified Person | Ian Paananen |

Details of Comparative Trial

| Location | Clarendon, NSW | | |
|----------------------------|--|--|--|
| Descriptor | General Descriptor (for plant varieties with no descriptor available) | | |
| Period | Summer 2008/9 - autumn 2009 | | |
| Conditions | Trial conducted in open beds, plants originally propagated by cuttings, potted to 200mm containers 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 | 2007. | | |

Origin and Breeding

Open pollination: parent *Imperata cylindrica*. The parent is characterised by a tall plant height; predominantly green winter colour, medium leaf width and medium density of shoots. In 2003, germination and test growing of about 1000 *Imperata cylindrica* seedlings at Clarendon, NSW. Parent plants were chosen basis on ease of propagation. In 2004, final selection of a single seedling from the above which is considered to have an optimal combination of these traits (short plant height; red winter colour; fine leaf form; dense growth habit) as well as strong vigour suited to production, field and garden performance. Also confirmed DUS by continuing propagation and evaluation. Named 'ICL200'. Selection criteria: short plant height; red winter colour; fine leaf form; dense growth habit. Propagation: vegetative, micro propagation is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

<u>Choice of Comparators</u> 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 | variegation | Absent |
| Leaf | primary colour | Green |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|---------------------|--------------------------|
| Imperata cylindrica | parent form |
| 'Rubra' | also called 'Red Baron'' |

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

| Org | gan/Plant Part: Context | 'ICL200' | 'Rubra' | Imperata cylindrica |
|-----|-------------------------------|------------------|------------|------------------------|
| ✓ | Plant: height | short | very short | tall |
| ✓ | Leaf: length of blade | short | very short | long |
| ✓ | Leaf: width of blade | narrow to medium | narrow | medium to broad |
| | Leaf: presence of variegation | absent | absent | absent |
| | Leaf: primary colour (RHS) | 146B | 146B | 146B |

Statistical Table

| Organ/Plant Part: Context | 'ICL200' | 'Rubra' | Imperata cylindrica |
|---------------------------|-----------------|---------|------------------------|
| Plant: height (cm) | | | |
| Mean | 47.60 | 38.10 | 66.20 |
| Std. Deviation | 4.20 | 3.30 | 6.70 |
| LSD/sig | 6.13 | P≤0.01 | P≤0.01 |
| Leaf: blade length (mm) | | | |
| Mean | 390.00 | 312.80 | 572.00 |
| Std. Deviation | 35.70 | 11.00 | 101.20 |
| LSD/sig | 77.14 | P≤0.01 | P≤0.01 |
| Leaf: blade width (mm) | | | |
| Mean | 6.70 | 5.70 | 8.00 |
| Std. Deviation | 0.40 | 0.50 | 1.20 |
| LSD/sig | 0.94 | P≤0.01 | P≤0.01 |

Prior Applications and Sales

Nil.

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

Details of Application

| Application Number | 1997/291 |
|---------------------------|-----------------------------------|
| Variety Name | 'EMER I' |
| Genus Species | Ulmus parvifolia |
| Common Name | Chinese Elm |
| Synonym | EMERALD ISLE |
| Accepted Date | 05 Nov 1997 |
| Applicant | Athena Trees, Inc., Georgia, USA. |
| Agent | Fleming's Nurseries Pty Ltd |
| Qualified Person | Peter Todd |

Details of Comparative Trial

| Overseas Testing Authority | United States Patents and Trademark Office (USPTO) |
|-------------------------------|--|
| Overseas Data | PP 7,551 |
| Reference Number | |
| Location | Where possible the US Plant Patent data was verified under |
| | local conditions in Monbulk VIC. |
| Descriptor | General Descriptor (for plant varieties with no descriptor available) PBR GEN DES. |
| Period | Started trial Aug 2003. |
| Conditions | Plants were grown vegetatively. All trees were healthy and growing evenly with no obvious sign of disease or stress. |
| Trial Design | Two trees of both the candidate and comparator were randomly planted in two rows within an orchard setting. |
| Measurements | From all trial trees. |
| RHS Chart - edition | |

Origin and Breeding

Seedling selection: the present variety of *Ulmus* originated from a seedling on the campus of the University of Georgia, Athens, Georgia, USA more than 25 years ago. In 1985 this tree was noticed to display characters different to other elm varieties. Asexual propagation over 7 successive generations has shown the plants to retain these distinguishing features. Selection criteria: distinguished from other forms due to its wide-spreading, globe shaped habit, the lustrous dark green leaves, the density of foliage at the ends of fine branches and ability to withstand leaf burn during hot dry summers. Breeders: Michael M Glenn, Athena, Georgia. USA John H Barbour, Atlanta, Ga, USA. Michael A Dirr, Watkinsville, Ga, USA.

<u>Choice of Comparators</u> 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 | width | broad to very broad |
| Leaf | colour | dark to very dark green |
| Trunk | exfoliating bark | patch-work and quilt-like |

Most Similar Varieties of Common Knowledge identified (VCK)

Name Comments

'Emer II' An upright vase-shaped tree with lustrous green leaves. The bark exfoliates in a puzzlelike pattern exposing a range of colours. <u>Variety Description and Distinctness</u> - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

| Org | gan/Plant Part: Context | 'EMER I' | 'Emer II' |
|-----|-------------------------|------------------------|--------------------------|
| • | Plant: growth habit | globose | erect |
| ✓ | Plant: size | small to medium | medium to large |
| ✓ | Plant: height | short to medium | medium |
| | Plant: width | broad to very broad | broad to very broad |
| | Leaf: leaf type | simple | simple |
| | Leaf: size | small to medium | small to medium |
| | Leaf: arrangement | alternate | alternate |
| | Leaf: length of blade | short to medium | short to medium |
| • | Leaf: width of blade | narrow to medium | very narrow to narrow |
| | Leaf: shape | ovate | ovate |
| ✓ | Leaf: green colour | dark to very dark | dark |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | | 'EMER I' | 'Emer II' |
|---------------------------|-------------------------------------|------------|-------------|
| ✓ | Plant: shape | globose | vase shaped |
| ✓ | Foliage: density at fine branch end | very dense | dense |
| ✓ | Trunk: fluting | absent | present |
| | Bark: patch-work and quilt-like | present | present |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---------|------|-----------------------|--------------|
| USA | 1989 | Granted | 'EMER I' |

First sold in USA April 1992.

Description: Peter Todd, Fleming's Nurseries Pty Ltd, Monbulk, VIC.

| Details of Application | |
|-------------------------------|--|
| Application Number | 2008/343 |
| Variety Name | 'Tye-Dye Wind' |
| Genus Species | Hibiscus rosa-sinensis |
| Common Name | Chinese Hibiscus |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Qualified Person | Ian Paananen |
| | |
| Details of Comparativ | <u>e Trial</u> |
| Overseas Testing | United States Patent and Trademark Office (USPTO) |
| Authority | |
| Overseas Data | US PP18,250 |
| Reference Number | |
| Location | Glenorie, NSW |
| Descriptor | Hibiscus (DRAFT) (<i>Hibiscus</i>) TG/HIBIS(proj.3) |
| Period | Jan-Apr 2010 |
| Conditions | Trial conducted in open beds, rooted cuttings planted into 170mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | 10 plants were selected randomly and observations made in order to confirm the candidate conforms to the published US description. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: seed parent 'Captiva Wind' x pollen parent 'YB-1715' in 1999. The seed parent is characterised by a deeply lobed leaf margin and light pink with dark pink margin petal colour. The pollen parent is characterised by a creamy white main petal colour. 'Tye-Dye Wind' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, USA.

<u>Choice of Comparators</u> 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 | type | single |
| Flower | opening of petals | present |
| Flower | eye zone | present |
| Flower | main colour | pink |
| Leaf blade | variegation | absent |
| Petal | shape | type 3 |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|------------------------|
| 'Maui Wind' | From the same breeder. |

'Maui Wind'

Varieties of Common Knowledge identified and subsequently excluded Variety Distinguishing State of Expression State of Expression in Comments

| variety | Disting | guisning | State of Expression | State of Expression in | Comments |
|----------|---------|------------|-----------------------|------------------------|-------------------------------|
| | Chara | cteristics | s in Candidate Variet | tyComparator Variety | |
| 'Old | Flower | diameter | medium | large | Also has a medium plant |
| Frankie' | | | | | height, large leaf size and a |
| | | | | | more 'crepey' petal texture. |
| 'Belize | Eye | colour | red purple | white | |
| Breeze' | zone | | | | |

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

| Org | gan/Plant Part: Context | 'Tye-Dye Wind' | 'Maui Wind' |
|-----------------|---|------------------------|------------------------|
| | *Plant: growth habit | upright | upright |
| | Plant: height | very short to short | short to medium |
| | Plant: density of branching | medium to dense | medium to dense |
| | Branch: attitude | strongly upwards | moderately upwards |
| | Branch: colour on distal part | yellow green | yellow green |
| | *Leaf blade: length | medium to long | medium to long |
| | *Leaf blade: width | medium to broad | medium |
| | *Leaf blade: main colour | medium green | dark green |
| | *Leaf blade: variegation | absent | absent |
| | Leaf blade: lobing | absent | absent |
| ✓ | Leaf blade: shape (varieties without lobing only) | ovate | cordate |
| | Leaf blade: shape of base (varieties without lobing only) | obtuse | obtuse |
| | Leaf blade: shape of apex (varieties without lobing only) | acute | acute |
| | Leaf blade: undulation of margin | absent or very weak | absent or very weak |
| | Leaf blade: type of incisions of margin | crenate | crenate |
| | *Flower: type | single | single |
| | Flower: opening of petals | present | present |
| ⊽ sem | Flower: overlapping of petals (varieties with single and i-double flowers only) | medium to strong | weak to medium |
| □ flov | Flower: crest (varieties with single and semi-double vers only) | absent | absent |
| | Flower: diameter | medium | medium to large |
| | *Flower: main colour | pink | pink |

| | Flower: eye zon | ie | | present | present |
|----------|-------------------------------------|---------------------------------|------------------------|------------------------|-----------------|
| | Eye zone: size (| extensions excluded | l) | small | small to medium |
| | Eye zone: exten | sions into petal | | absent or weak | absent or weak |
| | Eye zone: numb | per of colours | | one | one |
| ~ | Eye zone: main | colour (RHS colour | chart) | 58A | 46A |
| | Petal: length | | | medium to long | medium to long |
| | Petal: width | | | medium to broad | medium to broad |
| | Petal: shape | | | type 3 | type 3 |
| | *Petal: number | of colours (excludin | g eye zone) | one | one |
| ~ | *Petal: main co | lour of inner side (R | HS Colour Chart) | 54B | 65D-69A |
| ~ | *Petal: main co | lour of outer side (R | HS Colour Chart) | 54C | 69A-B |
| | Petal: serration | | absent or very weak | absent or very weak | |
| | Petal: undulation of margin | | weak to medium | weak to medium | |
| □ dou | Staminal colum ble flowers only | n: length (varieties v) | with single and semi- | long | medium to long |
| □ sem | Staminal colum ni-double flowers | n: main colour (vari s only) | eties with single and | pink | pink |
| ~ | Stigma pad: col | our | | medium red | dark red |
| | Time of: beginn | ning of flowering | | early | early |
| Pri | or Applications | and Sales | Current Stature | Nome Arrited | |
| US. | A | 2006 | Granted | 'Tye-Dye Wind' | |

First sold in the USA in Jan 2006. First Australian sale Aug 2008.

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

Details of Application

| Application Number | 2008/342 |
|--------------------|---|
| Variety Name | 'Baja Breeze' |
| Genus Species | Hibiscus rosa-sinensis |
| Common Name | Chinese Hibiscus |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Oualified Person | Ian Paananen |

Details of Comparative Trial

| Overseas Testing | United States Patent and Trademark Office (USPTO) | | |
|----------------------------|--|--|--|
| Authority | | | |
| Overseas Data | US PP17,607 | | |
| Reference Number | | | |
| Location | Glenorie, NSW | | |
| Descriptor | Hibiscus | | |
| Period | Jan-Apr 2010 | | |
| Conditions | Trial conducted open beds, rooted cuttings planted into 170mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. | | |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design | | |
| Measurements | 10 plants were selected randomly and observations made in order to confirm the candidate conforms to the published US description. | | |
| RHS Chart - edition | 2007 | | |

Origin and Breeding

Controlled pollination: seed parent 'YB-1676' x pollen parent 'YB-1364' in 1999. The seed parent is characterised by a strong growth vigour and red eye zone colour. The pollen parent is characterised by a bright scarlet red main petal colour. 'Baja Breeze' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, USA.

<u>Choice of Comparators</u> 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 | type | single |
| Flower | opening of petals | present |
| Flower | eye zone | present |
| Flower | main colour | medium red |
| Petal | shape | type 3 |
| Leaf blade | variegation | absent |
| Time of | beginning of flowering | early |

| <u>Most Similar Varieties o</u> | of Common Knowledge identified (VCK) |
|---------------------------------|--------------------------------------|
| Name | Comments |
| 'Flaming Wind' | From the same breeder. |

Varieties of Common Knowledge identified and subsequently excluded Variety Distinguishing State of Expression State of Expression in Comments Characteristics in Candidate VarietyComparator Variety Short tall Also tall in height and a

| Brimar | it Plant neight | Snort | tall | Also tall in height and a |
|---------|-----------------|----------|-------|-----------------------------|
| Red' | | | | late season bloomer with |
| | | | | very large flower diameter. |
| 'Fire | Flower diameter | · Medium | large | Also has very strong |
| Engine' | | | | overlapping of petals and |
| | | | | weak undulation of petal |
| | | | | margin. |
| | | | | |

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

| Org | gan/Plant Part: Context | 'Baja Breeze ' | 'Flaming Wind' |
|-----------|---|------------------------|------------------------|
| | *Plant: growth habit | upright | upright |
| | Plant: height | short | short to medium |
| | Plant: density of branching | medium to dense | medium to dense |
| | Branch: attitude | strongly upwards | moderately upwards |
| | Branch: colour on distal part | yellow green | yellow green |
| | *Leaf blade: length | medium | medium |
| | *Leaf blade: width | medium | medium |
| | *Leaf blade: main colour | medium green | medium green |
| | *Leaf blade: variegation | absent | absent |
| | Leaf blade: lobbing | absent | absent |
| | Leaf blade: shape (varieties without lobing only) | ovate | ovate |
| | Leaf blade: shape of base (varieties without lobing only) | obtuse | obtuse |
| | Leaf blade: shape of apex (varieties without lobing only) | acute | acute |
| | Leaf blade: undulation of margin | absent or very weak | absent or very weak |
| | Leaf blade: type of incisions of margin | serrate to crenate | serrate |
| | *Flower: type | single | single |
| | Flower: opening of petals | present | present |
| □ sen | Flower: overlapping of petals (varieties with single and ni-double flowers only) | medium | medium |
| □ flov | Flower: crest (varieties with single and semi-double vers only) | absent | absent |

| | Flower: diameter | | medium | medium to large |
|------------------------------|---|---------------------------|-------------------------------|------------------------|
| | *Flower: main colour | | medium red | medium red |
| | Flower: eye zone | | present | present |
| | Eye zone: size (extensions excluded | l) | small | small |
| | Eye zone: extensions into petal | | absent or weak | absent or weak |
| | Eye zone: number of colours | | one | one |
| | Eye zone: main colour (RHS colour | chart) | 53A | 53A |
| | Petal: length | | medium | medium to long |
| | Petal: width | | medium | medium |
| | Petal: shape | | type 3 | type 3 |
| | *Petal: number of colours (excludin | g eye zone) | one | one |
| ✓ | *Petal: main colour of inner side (R | HS Colour Chart) | 45A | 42A to 44A-B |
| ~ | *Petal: main colour of outer side (R | HS Colour Chart) | 45B-C | 44C-43B |
| | Petal: serration | | absent or very weak | absent or very weak |
| | Petal: undulation of margin | | medium | medium |
| □ dou | Staminal column: length (varieties v ble flowers only) | with single and semi- | long | medium to long |
| □ sem | Staminal column: main colour (vari ii-double flowers only) | red | red | |
| | Stigma pad: colour | | dark red | dark red |
| ~ | Time of: beginning of flowering | | early | medium |
| Prior Applications and Sales | | | | |
| CountryYearOUSA2005O | | Current Status Granted | Name Applied 'Baja Breeze' | |

First sold in the USA in Nov 2004. First Australian sale Aug 2008.

Description: Ian Paananen, Crop & Nursery Services, Central Coast, NSW.
Details of Application

| Application Number | 2009/364 |
|--------------------|---|
| Variety Name | 'MTSN1' |
| Genus Species | Pennisetum advena |
| Common Name | Fountain Grass |
| Synonym | EmeraldElf |
| Accepted Date | 3 May 2010 |
| Applicant | Colourwise Nursery (NSW) Pty Ltd, Glenorie, NSW |
| Agent | N/A |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| Location | Glenorie, NSW | | |
|----------------------------|--|--|--|
| Descriptor | Grass (General descriptor for grasses) PBR GRAS | | |
| Period | Jan – Apr 2010 | | |
| Conditions | Trial conducted open beds, 140mm pots planted into 230mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. | | |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. | | |
| Measurements | from 10 plants were selected at random. | | |
| RHS Chart - edition | 2007. | | |

Origin and Breeding

Spontaneous mutation: 'Red Riding Hood'. The parent is characterised by a strong purplish leaf colour. Selection took place in Glenorie, NSW in 2009. 2009: selection of a green (non purpling) leaf form from micropropagated *Pennisetum advena* 'Red Riding Hood'. This was planted out and subsequently propagated by division to establish DUS. Selection criteria: green leaf colour; tidy plant habit suited to pot production. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeders: Malcolm Thompson; Talbot Wilson; Scott Hill; Neil Woodward, Glenorie, NSW.

<u>Choice of Comparators</u> 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 |
|-------------------------|-------------|---|
| Culm | height | short to medium |
| Leaf | variegation | absent |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------------|-----------------|
| 'Red Riding Hood' | Parent variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguish | ing | State of Expression in | State of Expression in |
|----------------|-------------|--------|------------------------|---------------------------|
| | Characteris | stics | Candidate Variety | Comparator Variety |
| 'Rubrum' | Plant | height | short to medium | tall |
| 'Moulin Rouge' | Leaf | colour | green | purple |

| mo | re of the comparators are marked with a tick. | | |
|------------|---|------------------|-------------------|
| Org | gan/Plant Part: Context | 'MTSN1' | 'Red Riding Hood' |
| | Plant: growth habit | tufted | tufted |
| | Culm: length | short to medium | short to medium |
| | Culm: flag leaf length | short to medium | short to medium |
| | Culm: flag leaf width | narrow to medium | narrow to medium |
| | Culm: flag leaf shape | linear | linear |
| Cha | aracteristics Additional to the Descriptor/TG | | |
| Org | gan/Plant Part: Context | 'MTSN1' | 'Red Riding Hood' |
| | Leaf: presence of variegation | absent | absent |
| | Plant: height | short to medium | short to medium |
| | Inflorescence: height | medium | short to medium |
| | Spike: length | long | long |
| | Leaf: primary colour (RHS) | N137B | N137B |
| ~ | Flag leaf: colour (RHS) | N137B | 200A |
| Sta | tistical Tabla | | |
| <u>Org</u> | gan/Plant Part: Context | 'MTSN1' | 'Red Riding Hood' |
| | Plant: height (cm) | | |
| Me | an | 45.30 | 40.60 |
| Std | . Deviation | 2.70 | 5.20 |
| LSI | D/sig | 5.33 | ns |
| | Spike: length (cm) | | |
| Me | an | 22.60 | 21.70 |
| Std | . Deviation | 2.20 | 2.50 |
| LSI | D/sig | 3.04 | ns |
| | Inflorescence: height (cm) | | |
| Me | an | 76.90 | 68.60 |
| Std | Deviation | 6.90 | 8.30 |
| LSI | D/sig | 9.83 | ns |

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or

Prior Applications and Sales Nil.

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

Details of Application

| Application Number | 2006/359 |
|--------------------|--|
| Variety Name | 'Wescot' |
| Genus Species | Prunus hybrid |
| Common Name | Interspecific Apricot |
| Synonym | |
| Accepted Date | 27 Feb 2007 |
| Applicant | Zaiger's Inc. Genetics |
| Agent | Graham's Factree Pty Ltd, Hoddles Creek, VIC |
| Qualified Person | Graham Fleming |

Details of Comparative Trial

| Overseas Testing | United States Patent and Trademark Office (USPTO) | | |
|-------------------------|--|--|--|
| Authority | | | |
| Overseas Data | PP16,597 | | |
| Reference Number | | | |
| Location | Overseas data was verified under local conditions in Victoria. | | |
| Descriptor | Apricot (Prunus armeniaca) TG/70/4 | | |
| Period | | | |
| Conditions | Where possible the overseas data was verified under local conditions. The US Plant Patent data was converted into standard UPOV characteristics for apricot. | | |

Origin and Breeding

Controlled pollination: the new and distinct variety was developed by Zaiger's Inc Genetics at their experimental orchard located near Modesto California USA. The new variety originated as a first generation cross between proprietary selection '58EF33' as the maternal parent and 'PA7005-8' as the pollen parent. A large number of resulting seedlings from this first generation cross were then budded to existing trees of Nemaguard rootstock. After close observation the present variety was chosen for asexual propagation and commercialisation based on its desirable fruiting characteristics. Breeder: Zaiger's Inc Genetics, CA, USA.

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

| , and y or common | linowieuge | |
|-------------------------|-----------------------------|---|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Fruit | shape | globose or circular |
| Fruit | suture | slightly sunken or shallow |
| Fruit | adherence of stone to flesh | absent |
| Time of | beginning of flowering | early |
| Time of | beginning of fruit ripening | very early to early |
| | | |

| Most Similar | Varieties of | Common | Knowledge | identified (VCK) |
|---------------------|--------------|--------|-----------|------------------|
| | | | | |

| Name | Comments |
|------------|---|
| 'Poppicot' | 'Poppicot' matures slightly later than 'Wescot' and does not have the same attractive skin blush as 'Wescot'. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing | State of ExpressionState of ExpressionComment | |
|---------|-----------------|---|---------------|
| | Characteristics | in Candidate | in Comparator |

| | | | Variety | Variety |
|-----------|---------|----------|--------------------|------------|
| 'Tri-Gem' | fruit : | size | large | small |
| 'Tri-Gem' | fruit: | maturity | very early -7days | very early |
| | | | later than 'Tri-Ge | m' |
| 'Tri-Gem' | fruit | skin | higher coloured | orange |
| | | colour | orange | |

| Org | gan/Plant Part: Context | 'Wescot' | 'Poppicot' |
|-----|--|------------------------|------------------------|
| | Tree: habit | spreading | spreading |
| | Leaf blade: length | medium to long | long |
| | Leaf blade: width | medium to broad | broad |
| | Leaf blade: shape of base | obtuse | |
| | *Petiole: length | medium | |
| | Petiole: thickness | medium | medium |
| | *Petiole: predominant number of nectaries | two or three | two or three |
| ✓ | Petiole: size of nectaries | medium | small |
| ✓ | *Flower: diameter | medium | large |
| | Flower: position of stigma relative to anthers | below | |
| | *Fruit: size | large | medium |
| | Fruit: shape in lateral view | circular | circular |
| | Fruit: shape in ventral view | circular | circular |
| | *Fruit: suture | slightly sunken | slightly sunken |
| ✓ | *Fruit: shape of apex | rounded | retuse |
| | Fruit: pubescence | present | present |
| ✓ | *Fruit: ground colour | medium orange | light orange |
| • | *Fruit: relative area of over colour | medium to large | absent or very small |
| ✓ | Fruit: hue of over colour | orange red | |
| ✓ | Fruit: intensity of over colour | medium to dark | |
| ✓ | Fruit: pattern of over colour | solid flush | |
| ✓ | *Fruit: colour of flesh | medium orange | light orange |
| | Fruit: firmness of flesh | firm to very firm | firm |
| | *Fruit: adherence of stone to flesh | absent or very weak | absent or very weak |
| | *Stone: shape in lateral view | ovate | ovate |
| | *Time of: beginning of flowering | early | early |

| □ *Time of | f: beginning of fruit r | ipening | very early | very early to early |
|---------------------|-------------------------|-----------------------|----------------|---------------------|
| <u>Characterist</u> | tics Additional to th | e Descriptor/TG | | |
| Organ/Plant | t Part: Context | | 'Wescot' | 'Poppicot' |
| Fruit: ten | dency to crack | | absent to very | low very low to low |
| Stone: si | ze | | large | medium |
| Prior Applic | cations and Sales | | | |
| Country | Year | Current Status | Name Applied | |
| USA | 2004 | Applied | 'Wescot' | |

First sold in USA May 2006.

Description: Lisa Corcoran, Graham's Factree Pty Ltd, Hoddles Creek, VIC.

| Details of Application | | | | | | |
|-------------------------------|---|--|--|--|--|--|
| Application Number | 2009/223 | | | | | |
| Variety Name | 'Redyummy' | | | | | |
| Genus Species | Prunus salicina | | | | | |
| Common Name | Japanese Plum | | | | | |
| Synonym | Redcandy | | | | | |
| Accepted Date | 09 Nov 2009 | | | | | |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA | | | | | |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD | | | | | |
| Qualified Person | Peter Buchanan | | | | | |
| Details of Comparativ | ve Trial | | | | | |
| Overseas Testing | United States Patent and Trademark Office (USPTO) | | | | | |
| Authority | | | | | | |
| Overseas Data | US PP 18,663 | | | | | |
| Reference Number | | | | | | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, | | | | | |
| | Queensland, 4352 | | | | | |
| Descriptor | Japanese Plum (Prunus salicina) TG/84/3 | | | | | |
| Period | 2 years | | | | | |
| Conditions | The trial was conducted under normal growing conditions for | | | | | |
| | Hodgsonvale, QLD. Sufficient winter chill as observed and | | | | | |
| | average summer temperatures for the area. There were some | | | | | |
| | dry conditions experienced and supplemental irrigation was | | | | | |
| | used. All standard orchard practice and maintenance was used | | | | | |
| | for the length of the trial and will continue. | | | | | |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of | | | | | |
| | 2.5 metres between trees and 5 metres between tree rows. The | | | | | |
| | comparator was also planted on the same tree number and | | | | | |
| | spacings. | | | | | |
| Measurements | Observations of the tree, fruit and flower characteristics were | | | | | |
| | made to confirm that the variety is the same description in the | | | | | |
| | US PP 18,663. Upon completion of the observations the | | | | | |
| | variety matched the supplied description in all ways. | | | | | |
| RHS Chart - edition | N/A | | | | | |

Origin and Breeding

Open pollination: During a blooming season Glen Bradford isolated as seed parents individual and groups of different plum trees by covering them with screen houses. A hive of bees was placed inside each house, and bouquets to provide pollen from different plum trees are placed in buckets near the trees approximately every two days for the duration of the bloom. During 2001 one such house containing an unnamed red plum was crossed by Glen Bradford in this manner. To pollinate this red plum, he selected bouquets from several sources of plum trees without keeping specific written details. Upon reaching maturity the fruit from this red plum was harvested and the seeds removed, cracked and stratified as a group with the label "H19P442". They were grown as seedlings on their own roots and then planted into a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the summer of 2004 the claimed variety was selected as a single plant from the group of seedlings described above. Subsequent to the origination of the present variety it was asexually reproduced using 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.

| √ariety of Common Knowledge | | | | | | | |
|-----------------------------|---|--|--|--|--|--|--|
| Context | State of Expression in Group of Varieties | | | | | | |
| general shape | round | | | | | | |
| size | medium to large/large | | | | | | |
| ground colour of skin | red | | | | | | |
| colour of flesh | yellow | | | | | | |
| adherence of stone to flesh | present | | | | | | |
| | edge Context general shape size ground colour of skin colour of flesh adherence of stone to flesh | | | | | | |

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

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------------|--|
| 'September Yummy' | 'September Yummy' is selected as the comparator because it is a late |
| | maturing plum with red skin colour. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing | | State of Express | Comments | |
|-------------------|----------------|-------------|-------------------------|--------------------|---|
| | Chara | acteristics | in Candidate Variety | Comparator Variety | |
| 'August Yummy' | Fruit | skin colour | red | purple/black | 'August Yummy' is a late maturing plum but is rejected because it has black skin colour. |

| Org | gan/Plant Part: Context | 'Redyummy' | 'September Yummy' |
|-----|---|---------------------|----------------------------|
| | Tree: vigour | strong | medium to strong |
| | Tree: density of the head | dense | medium to dense |
| | One year old shoot: attitude | erect to semi-erect | semi-erect |
| ✓ | One year old shoot: intensity of colour | medium | dark |
| | Spur: length | medium | medium |
| | Wood bud: size | small | small |
| | Wood bud: shape | conical | conical |
| | Wood bud: position relative to shoot | slightly held out | slightly held out |
| | Leaf: attitude | horizontal | horizontal to downwards |
| | *Leaf blade: shape | elliptic | elliptic |
| | *Leaf blade: angle of the tip | pointed | pointed |
| | Leaf blade: green colour of upper side | medium to dark | dark |
| | Leaf: glossiness of upper side | medium to strong | medium to strong |
| | Leaf blade: hairiness of lower side | medium | weak |

| | Leaf blade: incisions of margin | serrate | serrate |
|---|--|-------------------------------|---------------------|
| | *Petiole: length | medium | medium |
| | Petiole: hairiness of upper side | weak to medium | weak |
| | Petiole: depth of groove | shallow | shallow |
| • | Leaf: position of glands | on both leaf base and petiole | only on petiole |
| | *Peduncle: length | medium | medium |
| | Flowers: on one year old shoots | present | present |
| | Flowers: frequency of flowers with double petals | none or very few | none or very few |
| | Flowers: size | medium | small to medium |
| | Flower: overlapping of petals | touching to overlapping | free to touching |
| | Sepal: shape | elliptic | elliptic |
| | Petal: size | medium | small to medium |
| | *Petal: shape | circular | obovate |
| ~ | Petal: undulation of margin | very weak to weak | medium |
| | Stigma: position as compared with anthers | same level to above | same level to above |
| | *Fruit: size | medium to large | medium |
| | *Fruit: general shape | rounded | rounded |
| | *Fruit: position of maximum diameter | at centre | at centre |
| | *Fruit: symmetry | symmetric | symmetric |
| ~ | Fruit: shape of apex | flat | depressed |
| | Fruit: depth of stalk cavity | shallow to medium | medium |
| | *Fruit: ground colour of skin | red | red |
| | *Fruit: colour of flesh | yellow | yellow |
| ~ | Fruit: firmness of flesh | firm | very firm |
| | Fruit: juiciness | strong to very strong | strong |
| | Fruit: acidity | medium | medium to strong |
| ✓ | Fruit: sweetness | very high | high |
| | *Fruit: degree of adherence of stone to flesh | fully adherent | semi-adherent |
| | *Stone: size | small to medium | small to medium |
| | *Stone: general shape in profile | round-elliptical | round-elliptical |
| | Stone: shape in ventral view | flattened | flattened |
| | Stone: shape in basal view | long-elliptical | long-elliptical |
| | Stone: symmetry in profile | symmetric | symmetric |

| | Stone: symmetry in ventral view | | symmetric | | symmetric |
|------------|------------------------------------|----------------------|-----------|--------------|-----------------------------------|
| \Box | *Stone: position of maximum width | | at centre | | at centre |
| | Stone: texture of lateral surfaces | | granular | | granular |
| | Stone: margins of dorsal groove | | entire | | entire |
| | Stone: sharpness of the edges | | medi | um | medium |
| | Stone: width of ventral zone | | narro | ow to medium | narrow to medium |
| | Stone: width of stalk-end | | medi | um | narrow to medium |
| • | Stone: angle of stalk-end | | obtuse | | right angle or nearly right angle |
| | Stone: shape of pistil end | | point | ted | pointed |
| | *Time of: flowering | | medium | | medium to late |
| • | *Time of: ripening | | late | | very late |
| <u>Pri</u> | or Applications and Sales | | | | |
| Cou | ıntry Year | Current State | 15 | Name Applied | |
| Fra | nce 2008 | Applied | | 'Redyummy' | |
| USA | A 2006 | Granted | | 'Redyummy' | |

First sold in the USA in Jan 2006.

Description: Peter Buchanan, Hodgsonvale, QLD.

| Application Number | 2009/260 |
|------------------------------|---|
| Variety Name | 'PBA Bounty' |
| Genus Species | Lens culinaris |
| Common Name | Lentil |
| Synonym | Bounty |
| Accepted Date | 09 Nov 2009 |
| Applicant | Agriculture Victoria Services Pty Ltd, Attwood, VIC and |
| | Grains Research and Development Corporation, Barton, ACT |
| Agent | |
| Qualified Person | Antonio Leonforte |
| Details of Comparativ | ve Trial |
| Location | Horsham,VIC |
| Descriptor | Lentil (Lens culinaris) TG/210/1 |
| Period | Jul – Nov 2009 |
| Conditions | Typical winter-spring rainfall climate for lentil production in southern Australia. Soil type: Wimmera grey cracking soils. |
| Trial Design | Randomised Complete Block Design |
| Measurements | seed size, height at maturity, growth habit |
| RHS Chart - edition | |

Origin and Breeding

Details of Application

Controlled pollination: 'PBA Bounty' is derived from a cross made between ILL6788 and ILL7180 (F4 derived lines from ICARDA) in 1998. ILL7180 was released as Nugget in Australia. Hybridisation was confirmed using seed shape and F2 seed sown in the field in 1998. This was followed by one cycle of single seed descent with F3 plants grown in the glasshouse during summer 1999/00. Seed from F3 plants was sown in progeny rows in the field in 2000. Based on visual characteristics 'PBA Bounty' was selected for further evaluation in field and controlled environment experiments from 2001-08. 'PBA Bounty' was selected for release based on a combination of mid flowering and maturity, ascochyta blight resistance, tolerance to NaCl, high grain yield, round seed and tolerance to herbicides. 'PBA Bounty' was initially evaluated as breeding line 98-043L*99HS021 and CIPAL415 when included in National Variety Testing. PBA Bounty was developed by CIPAL and Pulse Breeding Australia, funded by the GRDC, VDPI, SARDI, DAFWA, NSW DII and TIAR. The breeding team included M.Materne, S.Murden, B.Holding, D.Noy, J.Panozzo, K.Lindbeck, L.McMurray, S.Nitschke, K.Regan, G.Dean, P.Matthews.

| Choice of Comparators | Characteristics | used for g | grouping | varieties to | o identify | the most sin | nilar |
|------------------------|-----------------|------------|----------|--------------|------------|--------------|-------|
| Variety of Common Know | vledge | | | | | | |

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-----------|---|
| Cotyledon | colour | orange |
| Dry Seed | weight | low to medium |
| Plant | height | short to medium |
| Time of | flowering | medium |
| Time of | maturity | medium |
| | | 1 |

| <u>Most Similar</u> | Varieties of Common Knowledge identified (VCK) |
|---------------------|--|
| Name | Comments |
| | |

'Nipper' 'Nugget '

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distingu | ishing Characteristics | State of Expression in | State of Expression in |
|----------|----------|--------------------------------|------------------------|---------------------------|
| | | | Candidate Variety | Comparator Variety |
| 'Nipper' | Dry seed | lweight | small / medium | small |
| 'Nipper' | Plant | height | medium | short |
| 'Nipper' | Plant | botrytis grey mould resistance | moderately susceptible | resistant |
| 'Nugget' | Dry seed | lweight | small / medium | medium |
| 'Nugget' | Plant | habit | semi-prostrate | semi-erect |
| 'Nugget' | Plant | NaCl seedling tolerance | intolerant | moderately intolerant |

| Or | gan/Plant Part: Context | 'PBA Bounty' | 'Nipper' | 'Nugget' |
|----------|---|--------------------------|-----------------|----------------|
| | *Cotyledon: colour | orange | orange | orange |
| | Plant: habit | semi-erect to horizontal | semi-erect | semi-erect |
| | *Plant: anthocyanin colouration | present | present | present |
| ✓ | *Plant: height | medium | short | medium |
| | Plant: intensity of ramification | medium | medium | medium |
| ✓ | Leaf: shape | ovate | elliptic | ovate |
| | Leaf: intensity of green colour | medium | medium | medium |
| | Leaf: number of leaflets | medium | medium to many | medium |
| | Leaflet: size | medium | small to medium | medium |
| | Raceme: number of flowers per node | two to three | two to three | two to three |
| | Flower: size | medium | medium | medium |
| | *Flower: colour of standard | white | white | white |
| | Flower: violet stripes of standard | present | present | present |
| | Flower: violet stripes of wings | absent | absent | absent |
| | Pod: intensity of colour | medium | medium | medium |
| | Pod: number of ovules | mainly two | mainly two | mainly two |
| | *Pod: colour at dry harvest maturity | yellow | yellow | yellow |
| | *Pod: length at dry harvest maturity | medium | medium | medium |
| | Pod: width | medium | medium | medium |
| | *Dry seed: width | narrow to mediun | nmedium | medium |
| □ sec | *Dry seed: profile in longitudinal tion | broad elliptic | broad elliptic | broad elliptic |
| | *Dry seed: number of colours | one | one | one |

| | *Dry seed: main colour of testa | ochre | ochre | ochre |
|---|---------------------------------|---------------|----------------|----------------|
| • | *Dry seed: weight | low to medium | low | medium to high |
| | *Time of: flowering | medium | medium to late | medium |
| | Time of: maturity | medium | medium to late | medium |

Prior Applications and Sales Nil.

Description: Antonio Leonforte, VIDA, Horsham, VIC.

Details of Application

| Details of Hppheadon | | | |
|------------------------------|---|--|--|
| Application Number | 2009/261 | | |
| Variety Name | 'PBA Flash' | | |
| Genus Species | Lens culinaris | | |
| Common Name | Lentil | | |
| Synonym | Flash | | |
| Accepted Date | 09 Nov 2009 | | |
| Applicant | Agriculture Victoria Services Pty Ltd, Attwood, VIC and | | |
| | Grains Research and Development Corporation, Barton, ACT | | |
| Agent | | | |
| Qualified Person | Antonio Leonforte | | |
| Details of Comparativ | <u>e Trial</u> | | |
| Location | Horsham, VIC | | |
| Descriptor | Lentil TG/210/1 | | |
| Period | Jul to Nov 2009 | | |
| Conditions | Typical winter-spring rainfall climate for lentil production in southern Australia. Soil type: Wimmera grey cracking soils. | | |
| Trial Design | Randomised complete block design. | | |
| Massuraments | seed size height at maturity growth habit flowering and | | |

seed size, height at maturity, growth habit, flowering and leasurements maturity time.

RHS Chart - edition

Origin and Breeding

Plant

Controlled pollination: 'PBA Flash' is derived from a cross made between ILL7685 and ILL7180 (F4 derived lines from ICARDA) in 1997. ILL7180 was released as Nugget in Australia. Hybridisation was confirmed using seed coat colour and F2 seed sown in the field in 1998. This was followed by one cycle of single seed descent with F3 plants grown in the glasshouse during summer 1998/99. Seed from F3 plants was sown in progeny rows in the field in 1999. Based on visual characteristics 'PBA Flash' was selected for further evaluation in field and controlled environment experiments from 2000-08. 'PBA Flash' was selected for release based on a combination of good harvestability, early flowering and maturity, ascochyta blight resistance, tolerance to NaCl, high grain yield, round seed, high milling yield and tolerance to herbicides. 'PBA Flash' was initially evaluated as breeding line 97-039L*98S058 and CIPAL411 when included in National Variety Testing. 'PBA Flash' was developed by CIPAL and Pulse Breeding Australia, funded by the GRDC, VDPI, SARDI, DAFWA, NSW DII and TIAR. The breeding team included M.Materne, S.Murden, B.Holding, D.Noy, J.Panozzo, K.Lindbeck, L.McMurray, S.Nitschke, K.Regan, G.Dean, P.Matthews.

| choice of comparators | <u>enoice of comparators</u> enalucionsites asea for grouping varieties to racinity the most similar | | |
|-------------------------|--|---|--|
| Variety of Common Kno | wledge | | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties | |
| Dry seed | main colour of testa | green | |
| Time of | maturity | early to medium | |

medium

| <u>Most Similar Varie</u> | ties of Common Knowledge identified (VCK) | |
|---------------------------|---|--|
| Name | Comments | |

height

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

'Nugget' 'Nipper'

Varieties of Common Knowledge identified Variety Distinguishing Characteristics

| Variety Dis | tingu | ishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|---------------|--------|------------------------------------|---|--|
| 'Nugget' Dry | v seed | Main colour of testa | Green | grey |
| 'Nugget' Tin | ne of | Maturity | early to medium | medium |
| 'Nipper' Dry | v seed | weight | Medium | low |
| 'Nipper' Tin | ne of | Maturity | early to medium | medium |
| 'Nugget' Plan | nt | Seedling tolerance to NaCl | moderately intolerant | intolerant |
| 'Nipper' Plan | nt | Botrytis grey mould resistance | Susceptible | resistant |
| 'Nipper' Plan | nt | Ascochyta blight resistance - seed | Imoderately resistant | resistant |
| 'Nipper' Plan | nt | Height | medium | short |

| Org | gan/Plant Part: Context | 'PBA Flash' | 'Nipper' | 'Nugget' |
|-----|---|----------------|------------------|----------------|
| | *Cotyledon: colour | orange | orange | orange |
| | Plant: habit | semi-erect | semi-erect | semi-erect |
| | *Plant: anthocyanin colouration | present | present | present |
| • | *Plant: height | medium | short | medium |
| | Plant: intensity of ramification | medium | medium | medium |
| • | Leaf: shape | ovate | elliptic | ovate |
| | Leaf: intensity of green colour | medium | medium | medium |
| | Leaf: number of leaflets | medium | medium to many | medium |
| ✓ | Leaflet: size | medium | small | medium |
| | Raceme: number of flowers per node | two to three | two to three | two to three |
| | Flower: size | medium | medium | medium |
| | *Flower: colour of standard | white | white | white |
| | Pod: intensity of colour | medium | medium | medium |
| | Pod: number of ovules | mainly two | mainly two | mainly two |
| | *Pod: colour at dry harvest maturity | yellow | yellow | yellow |
| | *Pod: length at dry harvest maturity | medium | medium | medium |
| | Pod: width | medium | medium | medium |
| | *Dry seed: width | medium | narrow to medium | nmedium |
| sec | *Dry seed: profile in longitudinal tion | broad elliptic | broad elliptic | broad elliptic |
| | *Dry seed: number of colours | one | one | one |
| ✓ | *Dry seed: main colour of testa | green | ochre | ochre |

| | *Dry seed: weight | medium | low to medium | medium |
|---|---------------------|-----------------|----------------|----------------|
| | *Time of: flowering | medium | medium to late | medium |
| ✓ | Time of: maturity | early to medium | medium to late | Medium to late |

Prior Applications and Sales Nil.

Description: Mr Antonio Leonforte, VIDA, Horsham, VIC

Details of Application

| Application Number | 2007/267 |
|--------------------|--|
| Variety Name | 'Big Red' |
| Genus Species | Syzygium australe |
| Common Name | Lilly Pilly |
| Synonym | Nil |
| Accepted Date | 26 Mar 2008 |
| Applicant | Peta & Scott Mclean, Clagiraba, QLD |
| Agent | Plants Management Pty. Ltd., Wonga Park, VIC |
| Oualified Person | Steve Eggleton |

Details of Comparative Trial

| Location | QLD and Wonga Park, VIC | | |
|----------------------------|---|--|--|
| Descriptor | Lilly Pilly (Acmena smithii/Syzygium sp) PBR LILL | | |
| Period | Feb 09 to Feb 2010 | | |
| Conditions | Trial conducted in the open, plants propagated and grown in 50mm tubes. On 12 Feb 2009 the tubes were potted and grown on in 140 mm containers. Containers filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. Trial was initially potted in QLD then transferred to Wonga Park, VIC for final growth and evaluation. | | |
| Trial Design | Twelve pots of each variety in a completely randomised design. | | |
| Measurements | From ten plants randomly selected. | | |
| RHS Chart - edition | 1995 | | |

Origin and Breeding

Open pollination followed by seedling selection: occurred in a batch of approximately 5000 seeds collected from *Syzygium australe* 'Compact Form' in late 2003. These seeds were raised for a commercial crop at Clagiraba, QLD, 4211, and as they developed one was observed in having a faster growth rate, larger leaves and darker new foliage. This plant was isolated during Apr 2004 and grown on. Several cuttings were taken to establish a further generation to evaluate these characteristics. Final selection criteria: plant habit bushy to upright, leaf blade width medium, leaf blade length medium to broad and newly emerged leaf colour red/bronze. 'Big Red' has since been propagated via cuttings for more than four generations all of which have been uniform and stable. Breeder: Peta & Scott Mclean.

<u>Choice of Comparators</u> 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 to tall |
| Plant | growth habit | bushy to upright |
| Leaf | width of blade | medium |
| Stem | branch angle | acute |
| Leaf | presence of variegation | absent |
| Leaf | glossiness | medium |
| Leaf | blade width | medium to broad |
| Most Similar Varieties of (| Common Knowledge ide | ntified (VCK) |

Name

Comments

'Elegance' 'Aussie Boomer'

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguish | ing | State of Expression in | State of Expression in |
|------------------|-------------|----------------|------------------------|---------------------------|
| | Characteris | stics | Candidate Variety | Comparator Variety |
| 'AATS' | Plant | growth habit | bushy to upright | strongly upright |
| 'Winter Lights' | Plant | branch density | sparse to medium | dense |
| 'Tayla Made' | Plant | branch density | sparse to medium | dense |
| 'Bronzed Aussie' | Leaf | blade width | broad | narrow |

| Org | gan/Plant Part: Context | 'Big Red' | 'Aussie Boomer' | 'Elegance' |
|-----------|--|--------------------------|--------------------------------|----------------------|
| | Plant: growth habit | bushy to upright | bushy to upright | bushy to upright |
| | Plant: height | medium to tall | medium to tall | medium to tall |
| ✓ | Plant: branch density | sparse to medium | Medium | medium |
| | Stem: branch angle | acute | acute | acute |
| ✓ | Stem: internode length | medium | Medium | short |
| | Stem: colour of mature stem (RHS pur chart) | greyed-brown 199A | grey-brown 199A | grey-brown 199A |
| | Stem: colour of new growth (RHS our chart) | greyed-orange 175A | yellow-green 144A | yellow-green 146B |
| | Leaf: blade length | medium | medium | medium |
| | Leaf: blade width | medium to broad | medium | medium |
| | Leaf: blade shape | obovate | elliptic | elliptic |
| | Leaf: shape of apex | acuminate | acuminate | acuminate |
| | Leaf: shape of base | cuneate | cuneate | cuneate |
| | Leaf: glossiness | medium | medium | medium |
| • | Leaf: shape of cross section | flat to concave | concave to strongly concave | concave |
| | Leaf: shape of longitudinal section | convex | convex | convex to flat |
| ~ | Leaf: stiffness | strong to very strong | weak to medium | weak to medium |
| □ surf | Leaf: prominence of midrib on lower | prominent | prominent | prominent |
| □ side | Mature leaf: primary colour of upper e (RHS colour chart) | yellow-green 147A | yellow-green 147A | yellow-green 147A |
| □ side | Mature leaf: primary colour of lower e (RHS colour chart) | yellow-green 146A | yellow-green 146A | yellow-green 146A |

| ⊡ | Partly mature leaf: primary colour of er side (RHS colour chart) | yellow-green | yellow-green | yellow-green |
|----------|--|----------------------|----------------------|----------------------|
| upp | | 152A | 144A | 144A |
| ▽ | Partly mature leaf: primary colour of er side (RHS colour chart) | yellow-green | yellow-green | yellow-green |
| low | | 152D | 146C | 146B |
| ⊡ | Newly emerged: upper side (RHS | greyed-orange | yellow-green | greyed-orange |
| colo | our chart) | 175A | 152C | 164A |
| | Leaf: variegation | absent | absent | absent |
| | Leaf: petiole colour (RHS colour chart) | yellow-green 152A | yellow-green 152B | yellow-green 152A |

Statistical Table

| Statistical Table | | | |
|-----------------------------|-----------|-----------------|------------|
| Organ/Plant Part: Context | 'Big Red' | 'Aussie Boomer' | 'Elegance' |
| Stem: internode length (mm) | | | |
| Mean | 29.20 | 30.00 | 20.50 |
| Std. Deviation | 5.20 | 5.94 | 3.13 |
| LSD/sig | 6.26 | ns | P≤0.01 |
| Leaf: blade length (mm) | | | |
| Mean | 52.20 | 54.60 | 57.00 |
| Std. Deviation | 3.77 | 4.04 | 2.70 |
| LSD/sig | 3.84 | ns | P≤0.01 |
| Leaf: blade width (mm) | | | |
| Mean | 30.60 | 23.00 | 20.80 |
| Std. Deviation | 3.33 | 2.27 | 1.00 |
| LSD/sig | 2.75 | P≤0.01 | P≤0.01 |
| | | | |

Prior Applications and Sales

No prior sale and applications.

Description: Steve Eggleton, Plants Management Pty. Ltd., Wonga Park, VIC

Details of Application

| Application Number | 2008/031 | |
|------------------------------|--|--|
| Variety Name | 'Lime Tuff' | |
| Genus Species | Lomandra longifolia x Lomandra confertifolia | |
| Common Name | Matt Rush | |
| Synonym | | |
| Accepted Date | 26 Mar 2008 | |
| Applicant | Bushland Flora, Mt Evelyn, VIC. | |
| Agent | | |
| Qualified Person | Mark Lunghusen | |
| | | |
| Details of Comparativ | <u>e Trial</u> | |
| Location | Mt Evelyn, VIC | |
| Descriptor | Lomandra (Lomandra) PBR LOMA | |
| Period | 2009 | |

| 1 | | | |
|----------------------------|---|--|--|
| Period | 2009 | | |
| Conditions | Plants were grown in 14cm pots in a covered polyhouse 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 | taken from middle third of stem | | |
| RHS Chart - edition | Fifth edition | | |

Origin and Breeding

Open pollination followed by seedling selection: an open pollinated seedling was observed in a batch of seedlings of *Lomandra longifolia* from seed collected on the breeder's property. Due to the possible parent plants in the vicinity of the maternal parent, and the characteristic of the candidate variety in leaf width and perfume, it is believed that the paternal parent is *Lomandra confertifolia*. The seedling was selected on the basis of leaf width. It was propagated vegetatively for a further three generations to establish distinctness, uniformity and stability. To date no off-types have been recorded. Propagation: vegetative. Breeder: Ian Shimmen, Mt Evelyn VIC.

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

| valicity of Common Knowle | uge | |
|---------------------------|--------------|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Plant | growth habit | upright or semi-upright |
| Plant | height | short or medium |
| Plant | density | medium or dense |
| Leaf | glaucosity | very weak |
| Leaf | variegation | absent |

Comments

Most Similar Varieties of Common Knowledge identified (VCK)

Name 'LM300' 'Little Pal' <u>Variety Description and Distinctness</u> - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

| Org | gan/Plant Part: Context | 'Lime Tuff' | 'Little Pal' | 'LM300' |
|----------|---|-----------------------|----------------------|-----------------------|
| | Plant: growth habit | Upright | semi-upright | semi-upright |
| ✓ | Plant: height | Medium | short | medium |
| | Plant: density | dense | medium | medium |
| | Leaf: texture | medium | medium | medium |
| | Leaf: glaucosity | very weak | very weak | very weak |
| ✓ | Leaf: rigidity | strong | medium | medium |
| | Leaf: cross section | concave | concave | concave |
| | Leaf: variegation | absent | absent | absent |
| | Basal sheath: margin shredding | very weak | very weak | very weak |
| | Basal sheath: colour | light brown | light brown | dark brown |
| | Inflorescence: degree of branching | medium | very weak | very weak |
| ✓ | Inflorescence: length of floral axis | medium | very short | very short |
| ✓ | Inflorescence: length of peduncle | long | short | long |
| • | Inflorescence: position in relation | level | below | level |
| foli | age | | | |
| | Inflorescence: colour of peduncle (RHS pur chart) | green 143B | yellow green 149B | greyed orange 166B |
| ✓ | Flower: colour of calyx (RHS colour rt) | greyed orange 166A | n/a | yellow 11B |
| Sta | tistical Table | | | |
| Org | gan/Plant Part: Context | 'Lime Tuff' | 'Little Pal' | 'LM300' |
| ~ | Leaf: length (cm) | | | |
| Me | an | 59.55 | 60.65 | 68.70 |
| Std. | Deviation | 5.95 | 3.02 | 7.78 |
| | D/s1g | 7.13 | ns | P≤0.01 |
| V | Leaf: width (mm) | | | |
| Mea | an | 4.02 | 6.20 | 3.52 |
| Std. | Deviation | 0.26 | 1.00 P<0.01 | 0.49 |
| പാ | J/ 512 | 1.00 | 1_0.01 | 115 |

Prior Applications and Sales

Nil.

Description: Mark Lunghusen, Cranbourne, VIC.

Details of Application

| Application Number | 2007/323 |
|--------------------|-------------------------------------|
| Variety Name | 'Sunectwentyone' |
| Genus Species | Prunus persica var nuciperscia |
| Common Name | Nectarine |
| Synonym | SN21 |
| Accepted Date | 22 May 2008 |
| Applicant | Sun World International, LLC |
| Agent | Sun World Australasia, Oberon, NSW. |
| Oualified Person | Bruce Valentine |

Details of Comparative Trial

| Overseas Testing | U.S. Patent and Trademark Office |
|----------------------------|---|
| Authority | |
| Overseas Data | PP18,114 |
| Reference Number | |
| Location | Where possible, the overseas data were verified under local conditions at Bathurst, NSW and Kumbia, QLD |
| Descriptor | Nectarine (Prunus persica) TG/53/6 |
| Period | Aug 2006 to Dec 2009 |
| Conditions | Budded trees were planted in a variety evaluation block (Bathurst) and commercial planting (Kumbia). Trees are healthy and growing evenly with no obvious signs of disease or abnormality. |
| Trial Design | Varieties planted in groups in a variety evalution block or commercial planting. |
| Measurements | From random plants in commercial planting (Kumbia) for fruit, all other observations on all trial plants at Bathurst. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: arose from a controlled cross of two unpatented breeding selections. The seed parent is Sun World breeding selection '94-051N' which ripens five days earlier and is smaller than 'Sunectwentyone'. The pollen parent is Sun World breeding selection '94-025N' which ripens 14 days later than 'Sunectwentyone'. Selection criteria: early ripening of fruit, fruit bright red with bright yellow flesh, heavy production of relatively large and firm fruit. Propagation: vegetatively propagated – usually budding. Breeder: parents first crossed in 1997 and selected as '97014-048-085' by D. Cain, selected and evaluated by D. Cain and T.Bacon in Riverside County, CA, USA in April 1999.

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

| | -8- | |
|-------------------------|------------------------|---|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Fruit | ground colour of flesh | yellow |
| Fruit | time of maturity for | early to very early |
| Stone | adherence to flesh | present |

Most Similar Varieties of Common Knowledge identified (VCK)NameComments

Name 'April Glo'

'Earliglo'

| Org | gan/Plant Part: Context | 'Sunectwentyone' | 'April Glo' | 'Earliglo' |
|------------------|---|--------------------------|-------------|------------|
| | *Tree: size | medium to large | | |
| | Tree: vigour | medium | | |
| | *Tree: habit | semi-upright | | |
| | Flowering shoot: thickness | medium | | |
| □ inte | Flowering shoot: length of rnodes | medium to long | | |
| | *Flowering shoot: anthocyanin ouration | present | present | present |
| ⊽ anth | *Flowering shoot: intensity of nocyanin colouration | medium | strong | weak |
| □ flov | *Flowering shoot: density of ver buds | medium to dense | | |
| □ dist | Flowering shoot: general ribution of flower buds | in groups of two or more | | |
| ~ | *Flower: type | non showy | | showy |
| | *Calyx: colour of inner side | orange | | |
| | *Corolla: predominant colour | dark pink | | |
| ✓ | *Petal: shape | narrow elliptic | | round |
| | *Petal: size | small to medium | | |
| | *Petals: number | five | | |
| □ peta | Stamens: position compared to als | above | | |
| □ anth | *Stigma: position compared to ners | above | | |
| | *Anthers: pollen | present | | |
| | *Ovary: pubescence | absent | | |
| | Young shoot: length of stipule | long | | |
| | *Leaf blade: length | medium to long | | |
| | *Leaf blade: width | medium | | |
| | *Leaf blade: ratio length/width | medium | | |
| | Leaf blade: shape in cross section | concave | | |

| | Leaf blade: recurvature of apex | present | | |
|-----------|---|------------------------------------|-----------------|-----------------|
| | Leaf blade: angle at base | approximately right angle | | |
| | Leaf blade: angle at apex | small | | |
| | Leaf blade: colour | green | | |
| | Petiole: length | medium | | |
| ~ | *Petiole: nectaries | present | absent | |
| | *Petiole: shape of nectaries | reniform | | |
| nec | Petiole: predominant number of taries | two | | |
| ~ | *Fruit: size | large | small to medium | small to medium |
| ~ | *Fruit: shape | round | oblate | |
| | *Fruit: shape of pistil end | weakly depressed | | |
| | Fruit: symmetry | asymmetric | | |
| | Fruit: prominence of suture | weak | | |
| | Fruit: depth of stalk cavity | medium to deep | | |
| | Fruit: width of stalk cavity | medium | | |
| | *Fruit: ground colour | yellow | | |
| | Fruit: over colour | present | | |
| | Fruit: hue of over colour | medium red | | |
| | *Fruit: pattern of over colour | marbled | | |
| | *Fruit: extent of over colour | large | | |
| | *Fruit: pubescence | absent | | |
| | Fruit: thickness of skin | medium | | |
| | Fruit: adherence of skin to flesh | medium | | |
| | *Fruit: firmness of flesh | medium | | |
| | *Fruit: ground colour of flesh | yellow | | |
| □ dire | *Fruit: anthocyanin colouration ctly under skin | absent or very weakly expressed | | |
| □ fles | *Fruit: anthocyanin colouration of h | absent or very weakly expressed | | |
| n arou | *Fruit: anthocyanin colouration and stone | absent or very weakly expressed | | |
| | Fruit: texture of the flesh | fibrous | | |
| | Fruit: sweetness | low | | |

| | Fruit: acidity | high | | |
|-----------|----------------------------------|---------------------|---------|---------|
| | *Stone: size compared to fruit | medium to large | | |
| ~ | *Stone: shape | round | | obovate |
| \Box | Stone: intensity of brown colour | light | | |
| | Stone: relief of surface | pits and grooves | | |
| | Stone: tendency of splitting | low | | |
| | *Stone: adherence to flesh | present | present | present |
| □ flee | Stone: degree of adherence to | strong | | |
| | n | | | |
| | Time of: leaf bud burst | very early | | |
| | *Time of: beginning of flowering | early | | |
| | *Duration of: flowering | short | | |
| | *Time of: maturity for | verv early | early | early |
| con | sumption | · ··· · ··· · | | |
| | Tendency to: preharvest drop | absent or very weak | | |

Characteristics Additional to the Descriptor/TG

| Or | gan/Plant Part: Context | 'Sunectwentyone' | 'April Glo' | 'Earliglo' |
|----|--------------------------------------|------------------|---------------|---------------|
| ✓ | Plant: chilling hours required (hrs) | 300 | 200 | 200 |
| ✓ | Plant: harvest maturity | very early | 25 days later | 32 days later |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---------|------|-----------------------|------------------|
| Chile | 2007 | Granted | 'Sunectwentyone' |
| EU | 2008 | Applied | 'Sunectwentyone' |
| USA | 2006 | Granted | 'Sunectwentyone' |

First sold in USA April 2007.

Description: Bruce Valentine, Valentine Horticultural Services, Orange, NSW.

| Details of Application | |
|-------------------------------|---|
| Application Number | 2009/229 |
| Variety Name | 'MajesticPearl' |
| Genus Species | Prunus persica var nucipersica |
| Common Name | Nectarine |
| Synonym | MajesticIce |
| Accepted Date | 11 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |
| | |
| Details of Comparativ | |
| Overseas Testing | United States Patent and Trademark Office (USPTO) |
| Authority | |
| Overseas Data | US PP 18,778 |
| Reference Number | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352 |
| Descriptor | Nectarine |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 18,778. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open-pollination: In the spring of 1998 Glen Bradford gathered fruit from an unpatented nectarine tree in his experimental orchard at Le Grand CA that had been designated as "5P452". This particular nectarine tree was itself a first generation cross of 'Spring Bright' Nectarine and an unnamed white fleshed nectarine. The seeds from this fruit was removed, cracked, stratified and grown as seedlings on their own roots in a greenhouse. From there they were planted into a cultivated area of the experimental orchard at Bradford Farms. In the fruit evaluation season of 2001 the present variety was selected as a single tree from the group of seedlings described as "5P452 (OP)". Subsequent to the origination of the present variety of nectarine tree it was asexually reproduced using budding and grafting and such reproduction of plant and fruit characteristics are true to the original plant in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

| Variety of Common Knowledge | | | | | |
|-----------------------------|--|--|--|--|--|
| Context | State of Expression in Group of Varieties | | | | |
| size | large | | | | |
| habit | spreading | | | | |
| anthocyanin colouration | present | | | | |
| type | showy | | | | |
| nectaries | present | | | | |
| pubescence | absent | | | | |
| hue of over colour | dark red | | | | |
| pattern of over colour | solid flush | | | | |
| adherence to flesh | present | | | | |
| time of maturity | medium | | | | |
| | Contextsizehabitanthocyanin colourationtypenectariespubescencehue of over colourpattern of over colouradherence to fleshtime of maturity | | | | |

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

Most Similar Varieties of Common Knowledge identified (VCK)NameComments'Bright Pearl''Bright Pearl' is a variety most similar to 'MajesticPearl'. They are
both white flesh, sub-acid nectarines with similar maturity

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing | State of ExpressionState of Expression | | Comments |
|--------------------|-----------------------|--|---------------|--|
| | Characteristics | in Candidate | in Comparator | |
| | | Variety | Variety | |
| 'Spring Bright' | Fruit flesh colour | white | yellow | 'Spring Bright' is a maternal parent of the candidate variety but is rejected because it is yellow fleshed. |

| Or | gan/Plant Part: Context | 'MajesticPearl' | 'Bright Pearl' |
|----|--|-----------------|----------------|
| | *Tree: size | large | large |
| | Tree: vigour | strong | strong |
| | *Tree: habit | spreading | spreading |
| | Flowering shoot: thickness | medium | medium |
| | Flowering shoot: length of internodes | medium | medium |
| | *Flowering shoot: intensity of anthocyanin colouration | present | present |
| | *Flowering shoot: anthocyanin colouration | medium | medium |
| • | *Flowering shoot: density of flower buds | dense | sparse |
| | Flowering shoot: general distribution of flower buds | isolated | isolated |
| | *Flower: type | showy | showy |
| | *Calyx: colour of inner side | orange | orange |
| | *Corolla: predominant colour | medium pink | medium pink |

| | *Petal: shape | round | broad elliptic |
|-----------|--|---------------------|-----------------------|
| | *Petal: size | large | large |
| | *Petals: number | five | five |
| | Stamens: position | below | below |
| | *Stigma: position | above | above |
| | *Anthers: pollen | present | present |
| \square | *Ovary: pubescence | absent | absent |
| | Young shoot: length of stipule | medium | medium |
| | *Leaf blade: length | medium to long | medium to long |
| | *Leaf blade: width | medium to broad | broad |
| | *Leaf blade: ratio | medium | medium |
| | Leaf blade: shape in cross section | flat | flat |
| ✓ | Leaf blade: recurvature of apex | present | absent |
| | Leaf blade: angle at base | acute | acute |
| | Leaf blade: angle at apex | small | small |
| | Leaf blade: colour | green | green |
| | Petiole: length | medium | medium |
| | *Petiole: nectaries | present | present |
| ✓ | *Petiole: shape of nectaries | reniform | round |
| | Petiole: predominant number of nectaries | more than two | more than two |
| ✓ | *Fruit: size | large | medium |
| ✓ | *Fruit: shape | round | elliptic |
| | *Fruit: shape of pistil end | weakly depressed | weakly depressed |
| | Fruit: symmetry | symmetric | symmetric |
| | Fruit: prominence of suture | medium | weak to medium |
| | Fruit: depth of stalk cavity | medium | medium |
| | Fruit: width of stalk cavity | medium | medium |
| ✓ | *Fruit: ground colour | greenish yellow | greenish white |
| | Fruit: over colour | present | present |
| | Fruit: hue of over colour | dark red | dark red |
| | *Fruit: pattern of over colour | solid flush | solid flush |
| | *Fruit: extent of over colour | large to very large | a large to very large |
| | *Fruit: pubescence | absent | absent |

| | Fruit: thickness of skin | | thin | thin |
|-------------|---------------------------------------|-----------------|------------------------------------|------------------------------------|
| | Fruit: adherence of skin to flesh | | strong | strong |
| | *Fruit: firmness of flesh | | firm to very firm | firm to very firm |
| ~ | *Fruit: ground colour of flesh | | greenish white | cream white |
| | *Fruit: anthocyanin colouration dire | ctly under skin | absent or very weakly expressed | absent or very weakly expressed |
| | *Fruit: anthocyanin colouration of fl | esh | absent or very weakly expressed | absent or very weakly expressed |
| | *Fruit: anthocyanin colouration arou | ind stone | strongly expressed | lstrongly expressed |
| | Fruit: texture of the flesh | | not fibrous | not fibrous |
| | Fruit: sweetness | | very high | high |
| | Fruit: acidity | | very low to low | low |
| | *Stone: size compared to fruit | | medium | medium |
| | *Stone: shape | | elliptic | elliptic |
| | Stone: intensity of brown colour | | medium | medium |
| | Stone: relief of surface | | pits and grooves | pits and grooves |
| | Stone: tendency of splitting | | absent or very low | absent or very low |
| | *Stone: adherence to flesh | | present | present |
| | Stone: degree of adherence to flesh | | very strong | very strong |
| ~ | Time of: leaf bud burst | | early to medium | medium to late |
| ~ | *Time of: beginning of flowering | | early to medium | medium to late |
| | *Duration of: flowering | | short to medium | medium to long |
| | *Time of: maturity | | medium | medium |
| | Tendency to: preharvest drop | | absent or very weak | absent or very weak |
| Prie Cor | or Applications and Sales | Current Status | Name Applied | |
| USA | A 2006 | Granted | 'Majestic Pearl' | |

First sold in the USA in Jan 2005.

Description: Peter Buchanan, Hodgsonvale, QLD.

| Details of Application | |
|-------------------------------|---|
| Application Number | 2009/232 |
| Variety Name | 'Autumn Bright' |
| Genus Species | Prunus persica var nucipersica |
| Common Name | Nectarine |
| Synonym | Nil |
| Accepted Date | 11 Feb 2010 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |
| Details of Comparativ | e Trial |
| Overseas Testing | United States Patent and Trademark Office (USPTO) |
| Authority | |
| Overseas Data | US PP 18,751 |
| Reference Number | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, |
| | 4352 |
| Descriptor | Nectarine (Prunus persica) TG/53/6 |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for |
| | Hodgsonvale, QLD. Sufficient winter chill as observed and |
| | average summer temperatures for the area. There were some |
| | dry conditions experienced and supplemental irrigation was |
| | used. All standard orchard practice and maintenance was used |
| | for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of |
| | 2.5 metres between trees and 5 metres between tree rows. The |
| | comparator was also planted on the same tree number and |
| | spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were |
| | made to confirm that the variety is the same description in the |
| | US PP 18,751. Upon completion of the observations the |
| | variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open-pollination: During the spring of 1999 Glen Bradford gathered fruit from a 'September Bright' nectarine tree in his experimental orchard at Le Grand, California. He removed the seeds from the fruit, stratified, germinated, and grew them as seedlings on their own roots in a greenhouse. They were then transplanted in to a cultivated area of the experimental orchard at Bradford Farms. During the fruit selection season of 2003 he selected the present variety as a single tree from the group of seedlings described above. Subsequent to origination of the present 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.

| Variety of Common Knowledge | | | | |
|-----------------------------|--------------------------------|---|--|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties | | |
| Flowering shoot | anthocyanin colouration | present | | |
| Flower | type | non-showy | | |
| Petiole | nectaries | present | | |
| Fruit | pubescence | absent | | |
| Fruit | ground colour | orange yellow | | |
| Fruit | hue of over colour | dark red | | |
| Fruit | pattern of over colour | mottled | | |
| Fruit | ground colour of flesh | yellow | | |
| Stone | adherence to flesh | present | | |
| Flower | time of beginning of flowering | medium | | |
| Fruit | time of maturity | late to very late/very late | | |
| | | | | |

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

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------------|--|
| 'September Bright' | 'September Bright' is selected as the comparator. It is also a late |
| | maturing yellow fleshed nectarine and a maternal parent to the candidate variety |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing | State of Expression | State of Expression in | Comments |
|--------------------|-----------------|----------------------|------------------------|---|
| | Characteristics | in Candidate Variety | Comparator Variety | |
| 'August Bright' | Fruit maturity | very late | late | 'August Bright' is excluded because of different maturity time. |

| Or | gan/Plant Part: Context | 'Autumn Bright' | 'September Bright' |
|----------|---|------------------------|--------------------|
| ✓ | *Tree: size | medium | large |
| ✓ | Tree: vigour | medium | strong |
| ✓ | *Tree: habit | spreading | semi-upright |
| | Flowering shoot: thickness | medium | medium to thick |
| | Flowering shoot: length of internodes | medium | medium |
| | *Flowering shoot: anthocyanin colouration | present | present |
| □ col | *Flowering shoot: intensity of anthocyanin ouration | medium to strong | medium |
| | *Flowering shoot: density of flower buds | medium to dense | medium to dense |
| □ buc | Flowering shoot: general distribution of flower ls | isolated | isolated |
| | *Flower: type | non showy | non showy |
| • | *Calyx: colour of inner side | greenish yellow | orange |

| | *Corolla: predominant colour | medium pink | medium pink |
|--------|--|------------------|---------------------|
| | *Petal: shape | narrow elliptic | narrow elliptic |
| | *Petal: size | small to medium | small to medium |
| \Box | *Petals: number | five | five |
| | Stamens: position | below | below |
| | *Stigma: position | above | above |
| | *Anthers: pollen | present | present |
| | *Ovary: pubescence | absent | absent |
| | Young shoot: length of stipule | medium | medium |
| \Box | *Leaf blade: length | medium to long | medium |
| | *Leaf blade: width | medium | medium |
| \Box | *Leaf blade: ratio | medium | medium |
| | Leaf blade: shape in cross section | flat | flat |
| | Leaf blade: recurvature of apex | absent | absent |
| | Leaf blade: angle at base | acute | acute |
| | Leaf blade: angle at apex | small | small |
| | Leaf blade: colour | greenish yellow | greenish yellow |
| | Petiole: length | medium | medium |
| | *Petiole: nectaries | present | present |
| | *Petiole: shape of nectaries | reniform | reniform |
| | Petiole: predominant number of nectaries | more than two | more than two |
| ✓ | *Fruit: size | large | medium |
| ✓ | *Fruit: shape | round | oblate |
| | *Fruit: shape of pistil end | weakly depressed | weakly depressed |
| | Fruit: symmetry | symmetric | symmetric |
| | Fruit: prominence of suture | medium | weak to medium |
| | Fruit: depth of stalk cavity | medium | medium |
| | Fruit: width of stalk cavity | medium | medium to broad |
| | *Fruit: ground colour | orange yellow | orange yellow |
| | Fruit: over colour | present | present |
| | Fruit: hue of over colour | dark red | dark red |
| | *Fruit: pattern of over colour | mottled | mottled |
| | *Fruit: extent of over colour | large | large to very large |

| | *Fruit: pubescence | | absen | ıt | absent |
|------------------------------|--|----------------|----------------|---------------------------|---------------------------------|
| | Fruit: thickness of skin | | thin | | thin |
| | Fruit: adherence of skin to flesh | | strong | g | strong |
| | *Fruit: firmness of flesh | | very | firm | very firm |
| | *Fruit: ground colour of flesh | | yello | W | yellow |
| | *Fruit: anthocyanin colouration direc | tly under skin | absen expre | t or very weakly essed | absent or very weakly expressed |
| | *Fruit: anthocyanin colouration of fle | esh | absen expre | t or very weakly essed | absent or very weakly expressed |
| | *Fruit: anthocyanin colouration arou | nd stone | strong | gly expressed | strongly expressed |
| | Fruit: texture of the flesh | | not fi | brous | not fibrous |
| | Fruit: sweetness | | high | | high |
| | Fruit: acidity | | medi | um to high | medium to high |
| | *Stone: size compared to fruit | | medi | um | medium |
| | *Stone: shape | | ellipt | ic | elliptic |
| | Stone: intensity of brown colour | | medi | um | medium |
| | Stone: relief of surface | | pits a | nd grooves | pits and grooves |
| | Stone: tendency of splitting | | absen | t or very low | absent or very low |
| | *Stone: adherence to flesh | | prese | nt | present |
| | Stone: degree of adherence to flesh | | very s | strong | very strong |
| | Time of: leaf bud burst | | medi | um | medium |
| | *Time of: beginning of flowering | | medi | um | medium |
| | *Duration of: flowering | | medi | um to long | medium to long |
| | *Time of: maturity | | very] | late | late to very late |
| | Tendency to: preharvest drop | | very | weak to weak | very weak to weak |
| Prior Applications and Sales | | | | NT | |
| US/ | A 2006 | Granted | IS | Autumn Bright | , |

First sold in the USA in Jan 2007.

Description: Peter Buchanan, Hodgsonvale, QLD.

| Details of Application | | | | |
|-------------------------------|---|--|--|--|
| Application Number | 2009/222 | | | |
| Variety Name | 'July Bright' | | | |
| Genus Species | Prunus persica var nucipersica | | | |
| Common Name | Nectarine | | | |
| Synonym | Julygold | | | |
| Accepted Date | 09 Nov 2009 | | | |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA | | | |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD | | | |
| Qualified Person | Peter Buchanan | | | |
| Details of Comparativ | ve Trial | | | |
| Overseas Testing | United States Patent and Trademark Office (USPTO) | | | |
| Authority | | | | |
| Overseas Data | US PP 18,703 | | | |
| Reference Number | | | | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, | | | |
| | Queensland, 4352 | | | |
| Descriptor | Nectarine (Prunus persica) TG/53/6 | | | |
| Period | 2 years | | | |
| Conditions | The trial was conducted under normal growing conditions for | | | |
| | Hodgsonvale, QLD. Sufficient winter chill as observed and | | | |
| | average summer temperatures for the area. There were some | | | |
| | dry conditions experienced and supplemental irrigation was | | | |
| | used. All standard orchard practice and maintenance was used | | | |
| | for the length of the trial and will continue. | | | |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of | | | |
| | 2.5 metres between trees and 5 metres between tree rows. The | | | |
| | comparator was also planted on the same tree number and | | | |
| | spacings. | | | |
| Measurements | Observations of the tree, fruit and flower characteristics were | | | |
| | made to confirm that the variety is the same description in the | | | |
| | US PP 18,703. Upon completion of the observations the | | | |
| | variety matched the supplied description in all ways. | | | |
| RHS Chart - edition | N/A | | | |

Origin and Breeding

Controlled pollination: The new variety was hybridised by Glen Bradford in 1996. It was developed as a first generation cross using 'Ruby Diamond' nectarine as the selected seed parent and 'Fire Sweet' nectarine as the selected pollen parent. A single tree from the stated cross was selected as the claimed variety. Subsequent to origination the new variety 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.

| Variety of Common Knowledge | | | | |
|-----------------------------|--------------------------------|--|--|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties | | |
| Flowering shoot | anthocyanin colouration | present | | |
| Flower | type | non-showy | | |
| Petiole | nectaries | present | | |
| Fruit | pubescence | absent | | |
| Fruit | shape | round | | |
| Fruit | pattern of over colour | solid flush | | |
| Fruit | ground colour of flesh | yellow | | |
| Stone | adherence to flesh | present | | |
| Flower | time of beginning of flowering | medium | | |
| Fruit | time of maturity | medium to late | | |

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

| Most Similar Varieties of Common Knowledge identified (VCK) | | | |
|---|---|--|--|
| Name | Comments | | |
| 'Fire Sweet' | 'Fire Sweet' is the selected seed parent of the candidate variety. Both | | |
| | 'Fire Sweet' and 'July Bright' have similar maturity times | | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing State of ExpressionState of Expression | | | Comments | |
|-------------------|---|-------------------------|--------------------------|---|--|
| | Characteristics | in Candidate Variety | in Comparator Variety | | |
| 'Ruby Diamond' | Fruit maturity | medium to late | Early to medium | 'Ruby Diamond' was the selected pollen parent of the candidate variety but was rejected because of different maturity | |

| Org | gan/Plant Part: Context | 'July Bright' | 'Fire Sweet' |
|-----|--|--------------------------|--------------------------|
| ✓ | *Tree: size | large | medium |
| | Tree: vigour | medium to strong | medium |
| | *Tree: habit | semi-upright | semi-upright |
| | Flowering shoot: thickness | medium | medium |
| | Flowering shoot: length of internodes | medium | medium |
| | *Flowering shoot: anthocyanin colouration | present | present |
| | *Flowering shoot: intensity of anthocyanin colouration | medium to strong | medium to strong |
| | *Flowering shoot: density of flower buds | medium to dense | medium to dense |
| | Flowering shoot: general distribution of flower buds | in groups of two or more | in groups of two or more |
| | *Flower: type | non showy | non showy |
| | *Calyx: colour of inner side | greenish yellow | orange |

| | *Corolla: predominant colour | medium pink | medium pink |
|---|--|---------------------|---------------------|
| | *Petal: shape | broad elliptic | narrow elliptic |
| | *Petal: size | medium | small to medium |
| | *Petals: number | five | five |
| | Stamens: position | below | below |
| | *Stigma: position | above | above |
| | *Anthers: pollen | present | present |
| | *Ovary: pubescence | absent | absent |
| | Young shoot: length of stipule | medium | medium |
| | *Leaf blade: length | medium to long | medium to long |
| | *Leaf blade: width | medium | medium to broad |
| | *Leaf blade: ratio | medium | medium |
| | Leaf blade: shape in cross section | concave | concave |
| | Leaf blade: recurvature of apex | present | present |
| | Leaf blade: angle at base | acute | acute |
| | Leaf blade: angle at apex | very small to small | very small to small |
| | Leaf blade: colour | greenish yellow | greenish yellow |
| | Petiole: length | short to medium | medium |
| | *Petiole: nectaries | present | present |
| | *Petiole: shape of nectaries | reniform | reniform |
| | Petiole: predominant number of nectaries | more than two | more than two |
| ✓ | *Fruit: size | large to very large | medium |
| | *Fruit: shape | round | round |
| | *Fruit: shape of pistil end | weakly depressed | weakly depressed |
| | Fruit: symmetry | symmetric | symmetric |
| | Fruit: prominence of suture | weak | weak |
| | Fruit: depth of stalk cavity | shallow to medium | medium |
| | Fruit: width of stalk cavity | medium | medium |
| | *Fruit: ground colour | orange yellow | yellow |
| | Fruit: over colour | present | present |
| | Fruit: hue of over colour | dark red | dark red |
| | *Fruit: pattern of over colour | solid flush | solid flush |
| | *Fruit: extent of over colour | large to very large | large to very large |

| | *Fruit: pubesce | nce | | absent | absent |
|--|-------------------|-----------------------|---------------------------|-------------------------------|---|
| | Fruit: thickness | of skin | | thin to medium | thin to medium |
| | Fruit: adherence | e of skin to flesh | | strong | strong |
| | *Fruit: firmness | s of flesh | | very firm | firm |
| | *Fruit: ground of | colour of flesh | | yellow | yellow |
| • | *Fruit: anthocy | anin colouration dire | ectly under skin | strongly expresse | d ^{absent} or very weakly expressed |
| • | *Fruit: anthocy | anin colouration of f | lesh | strongly expresse | d ^{absent} or very weakly expressed |
| | *Fruit: anthocy | anin colouration aro | und stone | strongly expresse | dweakly expressed |
| | Fruit: texture of | f the flesh | | not fibrous | not fibrous |
| | Fruit: sweetness | S | | high | high to very high |
| ✓ | Fruit: acidity | | | high | very low to low |
| | *Stone: size con | mpared to fruit | | medium | medium |
| | *Stone: shape | | | oblate | oblate |
| | Stone: intensity | of brown colour | | medium to dark | medium to dark |
| | Stone: relief of | surface | | pits and grooves | pits and grooves |
| | Stone: tendency | of splitting | | very low to low | very low to low |
| | *Stone: adherer | nce to flesh | | present | present |
| | Stone: degree o | f adherence to flesh | | very strong | strong to very strong |
| | Time of: leaf bu | ud burst | | medium | medium |
| | *Time of: begin | nning of flowering | | medium | medium |
| | *Duration of: fl | owering | | short to medium | short to medium |
| | *Time of: matu | rity | | medium to late | medium to late |
| | Tendency to: pr | reharvest drop | | very weak to weak | very weak to weak |
| Prior Applications and SalesCountryYearCurrent StaUSA2006Granted | | | Current Status Granted | Name Applied 'July Bright' | |

First sold in the USA in Jan 2006.

Description: Peter Buchanan, Hodgsonvale, QLD.
Details of Application

| Application Number | 2007/056 |
|-------------------------|------------------------------------|
| Variety Name | 'SUPECHFIFTEEN' |
| Genus Species | Prunus persica |
| Common Name | Peach |
| Synonym | SP15 |
| Accepted Date | 02 Mar 2007 |
| Applicant | Sun World International, LLC |
| Agent | Sun World Australasia, Oberon, NSW |
| Oualified Person | Bruce Valentine |

Details of Comparative Trial

| Overseas Testing | U.S. Patent and Trademark Office (USPTO) |
|----------------------------|---|
| Overseas Data | PP13,177 P3 |
| Reference Number | |
| Location | Where possible the overseas data were verified under local conditions at Bathurst, NSW and Kumbia, QLD |
| Descriptor | Peach (Prunus persica) TG/53/6 |
| Period | 2005 to 2009 |
| Conditions | Budded trees were planted in a variety evaluation block (Bathurst, NSW) and commercial planting (Kumbia, QLD). Trees are healthy and growing evenly with no obvious signs of disease or abnormality. |
| Trial Design | Varieties planted in groups in a variety evaluation block or commercial planting. |
| Measurements | From random plants in the commercial planting at Kumbia, QLD for fruit, all other observations on all trial plants at Bathurst, NSW |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: arose from a controlled cross of two unpatented varieties. The seed parent is 'Flordaglo' which is white flesh and 'Supechfifteen' is yellow flesh. The pollen parent is 'Flordaglobe' which is smaller, has less overcolour and has a higher chilling requirement than 'Supechfifteen'. Selection criteria: early ripening and large fruit with yellow flesh and low winter chilling requirement. Propagation: vegetatively propagated – usually budding. First asexually propagated in Jun 1994 by budding. Breeder: parent varieties first crossed February 1992 by B.D.Mowrey and selected and evaluated by B.D.Mowrey and D.W. Cain in Riverside, CA, USA.

<u>Choice of Comparators</u> 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 | ground colour of flesh | yellow |
| Fruit | time of maturity | very early |
| Stone | adherence to flesh | present |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments | |
|-----------------------------|---|-------|
| 'Flordaprince' | low chill variety | |
| 'Tropical Beauty' | low chill variety | |
| 'Supechsix' | low chill variety | |
| Variety Description and Dis | tinctness - Characteristics which distinguish the candidate from or | ne or |
| more of the comparators are | e marked with a tick. | |

| Org | gan/Plant Part: Context | 'SUPECHFIFTEEN' | 'Flordaprince' | 'Tropical Beauty' | 'Supechsix' |
|------------------|--|--------------------------|----------------|----------------------|-------------|
| | *Tree: size | medium to large | | | |
| | Tree: vigour | medium to strong | | | |
| | *Tree: habit | semi-upright | semi-upright | | |
| | Flowering shoot: thickness | medium | | | |
| □ inte | Flowering shoot: length of rnodes | short to medium | | | |
| ⊽ of a | *Flowering shoot: intensity nthocyanin colouration | present | | | absent |
| □ antł | *Flowering shoot: nocyanin colouration | weak to medium | | | |
| □ flov | *Flowering shoot: density of ver buds | medium | | | |
| □ dist | Flowering shoot: general ribution of flower buds | in groups of two or more | | | |
| | *Flower: type | showy | | | |
| | *Calyx: colour of inner side | orange | | | |
| | *Corolla: predominant | light pink | | | |
| | *Petal: shape | round | | | |
| | *Petal: size | medium to large | | | |
| | *Petals: number | Five | | | |
| | Stamens: position | same level | | | |
| | *Stigma: position | above | | | |
| | *Anthers: pollen | present | | | |
| | *Ovary: pubescence | present | | | |
| □ stip | Young shoot: length of ule | medium to long | | | |
| | *Leaf blade: length | medium | | | |
| | *Leaf blade: width | medium | | | |
| | *Leaf blade: ratio | medium | | | |

| □ sect | Leaf blade: shape in cross ion | concave | | | |
|------------------|---|---------------------------|------------------|--------|------------------------|
| □ ape | Leaf blade: recurvature of x | present | | | |
| • | Leaf blade: angle at base | approximately right angle | | | acute |
| | Leaf blade: angle at apex | small | | | |
| | Leaf blade: colour | green | | | |
| | Petiole: length | short to medium | | | |
| | *Petiole: nectaries | present | | | |
| ~ | *Petiole: shape of nectaries | reniform | | | round |
| ⊽ of r | Petiole: predominant number lectaries | more than two | | | two |
| | *Fruit: size | medium to large | | | |
| • | *Fruit: shape | elliptic | | | oblate |
| | *Fruit: shape of pistil end | weakly depressed | | | |
| ~ | Fruit: symmetry | asymmetric | | | symmetric |
| | Fruit: prominence of suture | weak | | | |
| | Fruit: depth of stalk cavity | deep | | | |
| | Fruit: width of stalk cavity | medium | | | |
| | *Fruit: ground colour | orange yellow | yellow | | |
| | Fruit: over colour | present | present | | |
| ~ | Fruit: hue of over colour | light red | dark red | purple | |
| ✓ | *Fruit: pattern of over colour | marbled | blush and stripe | | |
| • | *Fruit: extent of over colour | medium | large | large | large to very large |
| | *Fruit: pubescence | present | | | |
| | *Fruit: density of pubescence | emedium to dense | | | |
| | Fruit: thickness of skin | medium | | | |
| □ fles | Fruit: adherence of skin to h | medium | | | |
| | *Fruit: firmness of flesh | soft to medium | | | |
| | *Fruit: ground colour of | vellow | | | |
| fles | h | | | | |
| | *Fruit: anthocyanin ouration directly under skin | weakly expressed | | | |
| | *Fruit: anthocyanin | weakly expressed | | | |

colouration of flesh

| □ colo | *Fruit: anthocyanin ouration around stone | absent or very weakly expressed | | | |
|------------------|--|--|------------------|----------------------|-------------|
| | Fruit: texture of the flesh | fibrous | | | |
| | Fruit: sweetness | low | | | |
| | Fruit: acidity | low | | | |
| □ frui | *Stone: size compared to t | small to medium | | | |
| ✓ | *Stone: shape | round | round | round | elliptic |
| | Stone: intensity of brown | light | | | |
| | Stone: relief of surface | pits and grooves | | | |
| | Stone: tendency of splitting | very low to low | | | |
| | *Stone: adherence to flesh | present | | | present |
| ⊡ to f | Stone: degree of adherence lesh | weak | medium | weak | strong |
| | Time of: leaf bud burst | very early | | | |
| □ flov | *Time of: beginning of vering | very early | | | |
| | *Duration of: flowering | short | | | |
| | *Time of: maturity | very early | very early | very early | very early |
| □ <u>Ch</u> a | Tendency to: preharvest drop aracteristics Additional to the temperature of | absent or very weak he Descriptor/TG | | | |
| Org | gan/Plant Part: Context | 'SUPECHFIFTEEN | ' 'Flordaprince' | 'Tropical Beauty' | 'Supechsix' |
| ~ | Plant: chilling hours required | ¹ 150 | 150 | 150 | 350 |

| (hrs | 3) | 100 | 100 | 100 | 200 |
|------|-------------------------|------------|--------------|------------------|---------------|
| ~ | Plant: Harvest maturity | very early | 3 days later | 13 days later | 18 days later |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---------|------|----------------|-----------------|
| Chile | 2007 | Granted | 'SUPECHFIFTEEN' |
| Israel | 2006 | Applied | 'SUPECHFIFTEEN' |
| EU | 2007 | Applied | 'SUPECHFIFTEEN' |
| USA | 2001 | Granted | 'SUPECHFIFTEEN' |

First sold in USA April 2002.

Description: Bruce Valentine, Valentine Horticultural Services, Orange, NSW.

| Details of Application | |
|-------------------------------|---|
| Application Number | 2009/227 |
| Variety Name | 'Pearl Princess V' |
| Genus Species | Prunus persica |
| Common Name | Peach |
| Synonym | Nil |
| Accepted Date | 11 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |
| | |
| Details of Comparativ | <u>e Trial</u> |
| Overseas Testing | United States Patent and Trademark Office (USPTO) |
| Authority | |
| Overseas Data | US PP 19,919 |
| Reference Number | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, |
| | 4352 |
| Descriptor | Peach (<i>Prunus persica</i>) TG/53/6 |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for |
| | Hodgsonvale, QLD. Sufficient winter chill as observed and |
| | average summer temperatures for the area. There were some |
| | dry conditions experienced and supplemental irrigation was |
| | used. All standard orchard practice and maintenance was used |
| | for the length of the trial and will continue. |
| Trial Design | 2.5 metres between trees and 5 metres between tree rows. The |
| | comparator was also planted on the same tree number and |
| | spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were |
| | made to confirm that the variety is the same description in the |
| | US PP 19,919. Upon completion of the observations the |
| | variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The candidate variety was hybridised by Lowell Glen Bradford in 2000 as a first generation cross using 'Grand Pearl' nectarine as the selected seed parent and 'Snow Princess' peach as the selected pollen parent. The fruit of this cross was collected and the seeds removed and grown in a greenhouse and then transplanted into a cultivated area of the experimental orchard at Bradford Farms. During the fruit evaluation season of 2004 Lowell Glen Bradford selected the present variety as a single tree from the group of seedlings described above. After origination of the present variety it was reproduced by budding and grafting and all tree and fruit characteristics were the same as the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

| Variety of Common Knowle | dge | |
|--------------------------|-------------------------|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Tree | size | medium to large/large |
| Flowering shoot | anthocyanin colouration | present |
| Flower | type | showy |
| Petiole | nectaries | present |
| Fruit | pubescence | present |
| Fruit | shape | round |
| Fruit | pattern of over colour | solid flush |
| Fruit | ground colour of flesh | cream white/white |
| Fruit | acidity | very low to low |
| Fruit | time of maturity | early to medium/medium |
| Stone | adherence to flesh | absent |

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

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------------|---|
| 'Snow Princess' | 'Snow Princess' was the selected pollen parent for the origination of |
| | the new variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing | State of Expression | State of Expression in | Comments |
|------------------|------------------|----------------------|------------------------|---|
| | Characteristics | in Candidate Variety | yComparator Variety | |
| 'Grand Pearl' | Fruit pubescence | present | absent | 'Grand Pearl' is excluded on the grounds that it is a nectarine and not a peach. |

| Org | gan/Plant Part: Context | 'Pearl Princess V' | 'Snow Princess' |
|-----|--|---------------------------|------------------|
| | *Tree: size | medium to large | large |
| | Tree: vigour | medium to strong | medium to strong |
| | *Tree: habit | semi-upright to spreading | spreading |
| | Flowering shoot: thickness | medium | medium |
| | Flowering shoot: length of internodes | medium | medium |
| | *Flowering shoot: anthocyanin colouration | present | present |
| | *Flowering shoot: intensity of anthocyanin colouration | medium | medium |
| | *Flowering shoot: density of flower buds | medium to dense | dense |
| | Flowering shoot: general distribution of flower buds | isolated | isolated |
| | *Flower: type | showy | showy |
| | *Calyx: colour of inner side | greenish yellow | greenish yellow |
| | *Corolla: predominant colour | medium pink | medium pink |

| | *Petal: shape | broad elliptic | round |
|---|--|---------------------|---------------------|
| | *Petal: size | large to very large | large |
| | *Petals: number | five | five |
| | Stamens: position | same level | below |
| | *Stigma: position | same level | above |
| | *Anthers: pollen | present | present |
| | *Ovary: pubescence | present | present |
| | Young shoot: length of stipule | medium | medium |
| | *Leaf blade: length | medium to long | long |
| | *Leaf blade: width | medium | broad |
| | *Leaf blade: ratio | medium | medium |
| | Leaf blade: shape in cross section | flat | flat |
| | Leaf blade: recurvature of apex | absent | absent |
| | Leaf blade: angle at base | acute | acute |
| | Leaf blade: angle at apex | small | small |
| | Leaf blade: colour | green | green |
| | Petiole: length | medium | medium |
| | *Petiole: nectaries | present | present |
| ✓ | *Petiole: shape of nectaries | reniform | round |
| | Petiole: predominant number of nectaries | more than two | two |
| ◄ | *Fruit: size | large | very large |
| | *Fruit: shape | round | round |
| | *Fruit: shape of pistil end | flat | flat |
| | Fruit: symmetry | symmetric | symmetric |
| | Fruit: prominence of suture | weak | very weak to weak |
| | Fruit: depth of stalk cavity | medium | medium |
| | Fruit: width of stalk cavity | medium | medium to broad |
| ◄ | *Fruit: ground colour | greenish yellow | cream |
| | Fruit: over colour | present | present |
| | Fruit: hue of over colour | dark red | medium red |
| | *Fruit: pattern of over colour | solid flush | solid flush |
| | *Fruit: extent of over colour | very large | large to very large |
| | *Fruit: pubescence | present | present |

| | *Fruit: density of pubescence | | sparse | sparse |
|------------|--------------------------------------|---------------------------|------------------------------------|------------------------------------|
| | Fruit: thickness of skin | | thin | thin |
| | Fruit: adherence of skin to flesh | | strong | strong |
| | *Fruit: firmness of flesh | | firm to very firm | firm |
| | *Fruit: ground colour of flesh | | cream white | white |
| | *Fruit: anthocyanin colouration dire | ectly under skin | absent or very weakly expressed | absent or very weakly expressed |
| | *Fruit: anthocyanin colouration of f | lesh | absent or very weakly expressed | absent or very weakly expressed |
| | *Fruit: anthocyanin colouration arou | und stone | strongly expressed | weakly expressed |
| | Fruit: texture of the flesh | | not fibrous | not fibrous |
| | Fruit: sweetness | | very high | very high |
| | Fruit: acidity | | very low to low | very low |
| ✓ | *Stone: size compared to fruit | | medium | small |
| • | *Stone: shape | | obovate | round |
| | Stone: intensity of brown colour | | medium | medium |
| | Stone: relief of surface | | pits and grooves | pits and grooves |
| | Stone: tendency of splitting | | very low to low | absent or very low |
| | *Stone: adherence to flesh | | absent | absent |
| • | Time of: leaf bud burst | | medium | early |
| ✓ | *Time of: beginning of flowering | | medium | early |
| \Box | *Duration of: flowering | | short to medium | short to medium |
| | *Time of: maturity | | early to medium | medium |
| \Box | Tendency to: preharvest drop | | absent or very weak | absent or very weak |
| <u>Pri</u> | or Applications and Sales | a | x t . - | |
| Co US | A 2007 | Current Status Granted | Name Applied 'Pearl Princess V' | , |

First sold in the USA in Jan 2007.

Description: Peter Buchanan, Hodgsonvale, QLD.

| Details of Application | | | |
|-------------------------------|---|--|--|
| Application Number | 2009/224 | | |
| Variety Name | 'Princess Time' | | |
| Genus Species | Prunus persica | | |
| Common Name | Peach | | |
| Synonym | Spring Time | | |
| Accepted Date | 09 Nov 2009 | | |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA | | |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD | | |
| Qualified Person | Peter Buchanan | | |
| Details of Comparativ | ve Trial | | |
| Overseas Testing | United States Patent and Trademark Office (USPTO) | | |
| Authority | | | |
| Overseas Data | US PP 19,545 | | |
| Reference Number | | | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, | | |
| | Queensland, 4352 | | |
| Descriptor | Peach (Prunus persica) TG/53/6 | | |
| Period | 2 years | | |
| Conditions | The trial was conducted under normal growing conditions for | | |
| | Hodgsonvale, QLD. Sufficient winter chill as observed and | | |
| | average summer temperatures for the area. There were some | | |
| | dry conditions experienced and supplemental irrigation was | | |
| | used. All standard orchard practice and maintenance was used | | |
| | for the length of the trial and will continue. | | |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of | | |
| | 2.5 metres between trees and 5 metres between tree rows. The | | |
| | comparator was also planted on the same tree number and | | |
| | spacings. | | |
| Measurements | Observations of the tree, fruit and flower characteristics were | | |
| | made to confirm that the variety is the same description in the | | |
| | US PP 19,545. Upon completion of the observations the | | |
| | variety matched the supplied description in all ways. | | |
| RHS Chart - edition | N/A | | |

Origin and Breeding

Controlled pollination: the claimed variety was hybridized by Glen Bradford in 2001 as a first generation cross using '1P1152' (unpatented) nectarine as the selected seed parent and an unnamed low chill peach as the selected pollen parent. He used embryo rescue techniques to geminate the seeds from the fruit of the cross, grew them as seedlings on their own roots in a greenhouse and then trans planted them to a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the fruit evaluation season of 2004 he selected the present variety as a single tree from the group of seedlings described above. Subsequent to origination of the new variety of peach it was asexually reproduced by budding and grafting and such reproduction of fruit and plant characteristics are true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

| Variety of Common Knowledge | | | |
|-----------------------------|-------------------------|--|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties | |
| Tree | size | medium to large/large | |
| Tree | habit | spreading | |
| Flowering shoot | anthocyanin colouration | present | |
| Flower | type | showy | |
| Petiole | nectaries | present | |
| Fruit | pubescence | present | |
| Fruit | hue of over colour | dark red | |
| Fruit | shape | round | |
| Fruit | ground colour of flesh | light yellow/yellow | |
| Fruit | time of maturity | early | |
| Stone | adherence to flesh | present | |

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

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|---|
| 'Crimson Lady' | 'Crimson Lady' matures at a similar time but has distinct differences |
| | in flowering and fruit |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguish | ing | State of Expression in | State of Expression in |
|-------------------|-------------|----------|------------------------|------------------------|
| | Characteris | stics | Candidate Variety | Comparator Variety |
| 'Spring Princess' | Fruit | maturity | early | very early |

| Org | gan/Plant Part: Context | 'Princess Time' | 'Crimson Lady' |
|--------|--|--------------------------|------------------|
| | *Tree: size | medium to large | large |
| | Tree: vigour | medium to strong | medium to strong |
| \Box | *Tree: habit | spreading | spreading |
| | Flowering shoot: thickness | medium | medium |
| \Box | Flowering shoot: length of internodes | medium to long | medium to long |
| | *Flowering shoot: anthocyanin colouration | present | present |
| \Box | *Flowering shoot: intensity of anthocyanin colouration | medium to strong | medium to strong |
| ~ | *Flowering shoot: density of flower buds | medium to dense | sparse to medium |
| | Flowering shoot: general distribution of flower buds | in groups of two or more | isolated |
| | *Flower: type | showy | showy |
| | *Calyx: colour of inner side | greenish yellow | greenish yellow |
| | *Corolla: predominant colour | medium pink | medium pink |
| | *Petal: shape | round | round |
| | *Petal: size | large | large |

| | *Petals: number | five | five |
|---|--|-------------------|---------------------|
| ~ | Stamens: position | same level | below |
| ✓ | *Stigma: position | same level | above |
| | *Anthers: pollen | present | present |
| | *Ovary: pubescence | present | present |
| | Young shoot: length of stipule | medium | medium |
| | *Leaf blade: length | medium to long | long |
| | *Leaf blade: width | medium | medium to broad |
| | *Leaf blade: ratio | medium | medium |
| | Leaf blade: shape in cross section | flat | flat |
| | Leaf blade: recurvature of apex | absent | absent |
| | Leaf blade: angle at base | acute | acute |
| | Leaf blade: angle at apex | small to medium | small to medium |
| | Leaf blade: colour | green | greenish yellow |
| | Petiole: length | medium | medium |
| | *Petiole: nectaries | present | present |
| | *Petiole: shape of nectaries | round | round |
| | Petiole: predominant number of nectaries | two | two |
| | *Fruit: size | large | medium to large |
| | *Fruit: shape | round | round |
| | *Fruit: shape of pistil end | weakly depressed | flat |
| | Fruit: symmetry | symmetric | symmetric |
| | Fruit: prominence of suture | weak | weak |
| | Fruit: depth of stalk cavity | shallow to medium | medium |
| | Fruit: width of stalk cavity | medium | narrow to medium |
| | *Fruit: ground colour | orange yellow | yellow |
| | Fruit: over colour | present | present |
| | Fruit: hue of over colour | dark red | dark red |
| ~ | *Fruit: pattern of over colour | mottled | solid flush |
| | *Fruit: extent of over colour | very large | large to very large |
| | *Fruit: pubescence | present | present |
| | *Fruit: density of pubescence | sparse to medium | medium |
| | Fruit: thickness of skin | thin to medium | thin to medium |

| | Fruit: adherence of skin to flesh | | strong | strong |
|------|---------------------------------------|-----------------|------------------------------------|------------------------------------|
| | *Fruit: firmness of flesh | | firm to very firm | very firm |
| | *Fruit: ground colour of flesh | | light yellow | yellow |
| | *Fruit: anthocyanin colouration dire | ctly under skin | absent or very weakly expressed | absent or very weakly expressed |
| | *Fruit: anthocyanin colouration of fl | lesh | absent or very weakly expressed | absent or very weakly expressed |
| | *Fruit: anthocyanin colouration arou | and stone | weakly expressed | absent or very weakly expressed |
| | Fruit: texture of the flesh | | not fibrous | not fibrous |
| | Fruit: sweetness | | high | high |
| | Fruit: acidity | | medium | medium |
| | *Stone: size compared to fruit | | medium | medium |
| ✓ | *Stone: shape | | obovate | elliptic |
| | Stone: intensity of brown colour | | medium | medium to dark |
| | Stone: relief of surface | | grooves | grooves |
| | Stone: tendency of splitting | | absent or very low | absent or very low |
| | *Stone: adherence to flesh | | present | present |
| | Stone: degree of adherence to flesh | | strong to very strong | very strong |
| | Time of: leaf bud burst | | medium | early to medium |
| ✓ | *Time of: beginning of flowering | | medium | early |
| | *Duration of: flowering | | short to medium | short |
| | *Time of: maturity | | early | early |
| | Tendency to: preharvest drop | | absent or very weak | absent or very weak |
| Prie | or Applications and Sales | Current Status | Nama Annliad | |
| USA | A 2007 | Granted | Princess Time' | |

First sold in the USA in Jan 2007.

Description: Peter Buchanan, Hodgsonvale, QLD.

| Details of Application | | | |
|-------------------------------|---|--|--|
| Application Number | 2009/228 | | |
| Variety Name | 'May Princess' | | |
| Genus Species | Prunus persica | | |
| Common Name | Peach | | |
| Synonym | Nil | | |
| Accepted Date | 11 Nov 2009 | | |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA | | |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD | | |
| Qualified Person | Peter Buchanan | | |
| Details of Comparativ | re Trial | | |
| Overseas Testing | United States Patent and Trademark Office (USPTO) | | |
| Authority | | | |
| Overseas Data | US PP 18,771 | | |
| Reference Number | | | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, | | |
| | Queensland, 4352 | | |
| Descriptor | Peach (Prunus persica) TG/53/6 | | |
| Period | 2 years | | |
| Conditions | The trial was conducted under normal growing conditions for | | |
| | Hodgsonvale, QLD. Sufficient winter chill as observed and | | |
| | average summer temperatures for the area. There were some | | |
| | dry conditions experienced and supplemental irrigation was | | |
| | used. All standard orchard practice and maintenance was used | | |
| | for the length of the trial and will continue. | | |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of | | |
| | 2.5 metres between trees and 5 metres between tree rows. The | | |
| | comparator was also planted on the same tree number and | | |
| | spacings. | | |
| Measurements | Observations of the tree, fruit and flower characteristics were | | |
| | made to confirm that the variety is the same description in the | | |
| | US PP 18,771. Upon completion of the observations the | | |
| | variety matched the supplied description in all ways. | | |
| RHS Chart - edition | N/A | | |

Origin and Breeding

Open pollination: during the spring of 1998 Glen Bradford gathered fruit from several different unnamed peach seedlings in his experimental orchard at Le Grand California. One particular group of peach seedlings were early maturing, yellow in flesh colour and clingstone in type and was designated "VEP (OP)". He used embryo rescue techniques to germinate the seeds from this fruit, grew then as seedlings on their own roots in a greenhouse and then transplanted them to a cultivated area of the experimental orchard. During the fruit evaluation season of 2000 he selected the claimed variety as a single tree from this group of "VEP (OP)" described above. Subsequent to origination of the present variety of peach tree it was asexually reproduced by budding and grafting and such reproduction of plat and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

| Variety of Common Knowle | dge | |
|--------------------------|-------------------------|--|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Tree | size | large |
| Tree | habit | spreading |
| Flowering shoot | anthocyanin colouration | present |
| Flower | type | showy |
| Petiole | nectaries | present |
| Fruit | pubescence | present |
| Fruit | hue of over colour | dark red |
| Fruit | ground colour of flesh | light yellow/yellow |
| Fruit | time of maturity | very early/very early to early |
| Stone | adherence to flesh | present |

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

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------------|---|
| 'Spring Princess' | 'Spring Princess' is an early maturing, yellow fleshed peach. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Disting | uishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|------------------|---------|-------------------------|---|--|
| 'Crown Princess' | Flower | bloom time | early | late |
| 'Crown Princess' | Fruit | time of maturity | very early | early |
| 'Crown Princess' | Fruit | size | medium | large |

| Org | gan/Plant Part: Context | 'May Princess' | 'Spring Princess' |
|-----|--|-----------------|-------------------|
| | *Tree: size | large | large |
| | Tree: vigour | strong | strong |
| | *Tree: habit | spreading | spreading |
| | Flowering shoot: thickness | medium | medium |
| | Flowering shoot: length of internodes | medium | medium |
| | *Flowering shoot: anthocyanin colouration | present | present |
| | *Flowering shoot: intensity of anthocyanin colouration | medium | medium |
| | *Flowering shoot: density of flower buds | medium to dense | dense |
| | Flowering shoot: general distribution of flower buds | isolated | isolated |
| | *Flower: type | showy | showy |
| ✓ | *Calyx: colour of inner side | greenish yellow | orange |
| | *Corolla: predominant colour | medium pink | medium pink |
| | *Petal: shape | broad elliptic | broad elliptic |

| | *Petal: size | large | large |
|---|--|-------------------|---------------------|
| | *Petals: number | five | five |
| | Stamens: position | below | below |
| | *Stigma: position | above | above |
| | *Anthers: pollen | present | present |
| | *Ovary: pubescence | present | present |
| | Young shoot: length of stipule | medium | medium |
| | *Leaf blade: length | medium to long | medium to long |
| | *Leaf blade: width | medium | broad |
| | *Leaf blade: ratio | medium | medium |
| | Leaf blade: shape in cross section | flat | flat |
| | Leaf blade: recurvature of apex | absent | absent |
| | Leaf blade: angle at base | acute | acute |
| | Leaf blade: angle at apex | small | small |
| | Leaf blade: colour | green | green |
| | Petiole: length | medium | medium |
| | *Petiole: nectaries | present | present |
| ✓ | *Petiole: shape of nectaries | reniform | round |
| ✓ | Petiole: predominant number of nectaries | more than two | two |
| ✓ | *Fruit: size | medium | large to very large |
| ✓ | *Fruit: shape | oblate | round |
| | *Fruit: shape of pistil end | strongly depresse | dweakly depressed |
| | Fruit: symmetry | symmetric | symmetric |
| | Fruit: prominence of suture | weak | medium to strong |
| | Fruit: depth of stalk cavity | medium | medium |
| | Fruit: width of stalk cavity | medium | medium |
| | *Fruit: ground colour | yellow | orange yellow |
| | Fruit: over colour | present | present |
| | Fruit: hue of over colour | dark red | dark red |
| ✓ | *Fruit: pattern of over colour | striped | solid flush |
| | *Fruit: extent of over colour | medium to large | large to very large |
| | *Fruit: pubescence | present | present |
| • | *Fruit: density of pubescence | medium | sparse |

| | Fruit: thickness of skin | | thin to medium | thin |
|--|---|-----------------|------------------------------------|------------------------------------|
| | Fruit: adherence of skin to flesh | | strong | strong |
| | *Fruit: firmness of flesh | | medium to firm | firm |
| | *Fruit: ground colour of flesh | | light yellow | yellow |
| | *Fruit: anthocyanin colouration dire | ctly under skin | absent or very weakly expressed | absent or very weakly expressed |
| | *Fruit: anthocyanin colouration of fl | esh | absent or very weakly expressed | weakly expressed |
| | *Fruit: anthocyanin colouration arou | ind stone | absent or very weakly expressed | absent or very weakly expressed |
| | Fruit: texture of the flesh | | not fibrous | not fibrous |
| | Fruit: sweetness | | medium to high | medium to high |
| | Fruit: acidity | | medium to high | medium to high |
| | *Stone: size compared to fruit | | medium to large | medium |
| | *Stone: shape | | elliptic | elliptic |
| | Stone: intensity of brown colour | | medium | medium |
| | Stone: relief of surface | | pits and grooves | pits and grooves |
| | Stone: tendency of splitting | very low to low | absent or very low | |
| | *Stone: adherence to flesh | | present | present |
| | Stone: degree of adherence to flesh | | strong | strong |
| ~ | Time of: leaf bud burst | | early | very early |
| ~ | *Time of: beginning of flowering | | early | very early |
| | *Duration of: flowering | | short | short |
| | *Time of: maturity very early very early to early | | | |
| Tendency to: preharvest drop absent or very weak absent or very weak | | | | absent or very weak |
| Prie | or Applications and Sales | Current Status | Nama Applied | |
| USA | A 2006 | Granted | 'May Princess' | |

First sold in the USA in Jan 2006.

Description: Peter Buchanan, Hodgsonvale, QLD.

| Details of Application | |
|-------------------------------|---|
| Application Number | 2009/225 |
| Variety Name | 'Plumsweet IV' |
| Genus Species | Prunus hybrid |
| Common Name | Prunus – Interspecific Plum |
| Synonym | Green Red IV |
| Accepted Date | 09 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |
| Details of Comparativ | ze Trial |
| Overseas Testing | United States Patent and Trademark Office (USPTO) |
| Authority | |
| Overseas Data | US PP 16,461 |
| Reference Number | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, |
| | 4352 |
| Descriptor | Japanese Plum (Prunus salicina) TG/84/3 |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for |
| | Hodgsonvale, QLD. Sufficient winter chill as observed and |
| | average summer temperatures for the area. There were some |
| | dry conditions experienced and supplemental irrigation was |
| | used. All standard orchard practice and maintenance was used |
| | for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of |
| | 2.5 metres between trees and 5 metres between tree rows. The |
| | comparator was also planted on the same tree number and |
| | spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were |
| | made to confirm that the variety is the same description in the |
| | US PP 16,461. Upon completion of the observations the |
| | variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open-pollination: During a typical blooming season Glen Bradford isolated as seed parents both individual and groups of different plum trees by covering them with screen houses. A hive of bees was placed inside each such house and bouquets to provide pollen from different plum, apricot, and interspecific plum-apricot hybrid trees. New bouquets are places in the houses approximately every two days for the duration of the bloom. During 1997 one such house containing an unnamed red plum was crossed by Glen Bradford in this manner. To pollinate this red plum, he selected bouquets from several sources of apricot and interspecific plum-apricot hybrid trees without keeping specific written details. Upon reaching maturity the fruit from this red plum tree was harvested and the seeds removed, cracked, stratified and labelled "38PH9". They were grown as seedlings on their own roots and then transplanted into a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the summer of 2001 the present variety was selected as a single plant from the group of seedlings described above. Subsequent to the origination of the present 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.

| variety of Com | mon K | liowiedge | | ~ | ~ ~ - |
|-----------------------|---------|-----------------------------|----------------------------------|-------------------------------|-------------------|
| Organ/Plant Pa | art C | Context | | State of Express Varieties | sion in Group of |
| Fruit | S | ymmetry | | symmetric | |
| Fruit | si | ize | | large | |
| Fruit | fi | rmness of fle | sh | firm to very firm | |
| Fruit | a | cidity | | medium to strong | g |
| Fruit | d | egree of adhe | rence of stone to flesh | fully adherent | |
| Fruit | ti | me of ripenin | g | late | |
| <u>Most Similar V</u> | 'arieti | es of Commo | on Knowledge identifi | ied (VCK) | |
| Name | | | Comments | | |
| 'August Yumm | у' | | 'August Yumm similar time, an | y' is selected because i | t matures at a |
| Varieties of Co | mmo | n Knowledge | identified and subsec | a navour to the callulu | are variety. |
| Variety | Dieti | nguishing | State of Evoression | State of Evaracian | Comments |
| variety | Char | nguisiillig soctoristics | in Candidata Varia | tvin Comparator | comments |
| | Chal | | in Canuluate varie | Variaty | |
| 'Dlool Vat' | Emit | anoun d | oronge to vellar | dork blue | |
| Black Kat | Fruit | ground colour of skin | orange to yellow | dark blue | |
| 'Flavorich' | Fruit | ground colour of skin | orange to yellow | violet- blue | |
| 'Flavorfall' | Fruit | general shape | oblong | rounded | |
| 'Flavor King' | Fruit | size | large | medium | |
| 'Flavor Supreme' | Fruit | size | large | medium | |
| 'Flavor Heart' | Fruit | general shape | oblong | elongated | |
| 'Early Dapple' | Fruit | time of ripening | late | early to medium | |
| 'Dapple Dandy' | Fruit | time of ripening | late | medium | |
| 'Sweet Cot' | Fruit | general shape | oblong | rounded | |
| 'Angeleno' | Fruit | general shape | oblong | rounded | |
| 'Yummy Giant' | Fruit | time of ripening | late | early | |
| Variety Descrip | otion a | and Distinctr | <u>less</u> - Characteristics | which distinguish the | candidate from on |
| more of the cor | npara | tors are mar | ked with a tick. | | |

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

 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
 'Plumsweet IV'
 'August Yummy'

 ✓
 Tree: vigour
 strong
 medium

| | | - | |
|---|------------------------------|------------|-------|
| ✓ | Tree: density of the head | dense | open |
| • | One year old shoot: attitude | semi-erect | erect |

| | One year old shoot: intensity of colour | medium | dark |
|---|--|----------------------------------|-------------------------------|
| ✓ | Spur: length | medium to long | short to medium |
| | Wood bud: size | medium | small to medium |
| ✓ | Wood bud: shape | ovoid | conical |
| • | Wood bud: position relative to shoot | slightly held out | adpressed |
| ✓ | Leaf: attitude | horizontal to downwards | upwards to horizontal |
| | *Leaf blade: shape | elliptic | elliptic |
| | *Leaf blade: angle of the tip | pointed | pointed |
| | Leaf blade: green colour of upper side | medium to dark | dark |
| | Leaf: glossiness of upper side | strong | medium to strong |
| | Leaf blade: hairiness of lower side | weak | very weak to weak |
| | Leaf blade: incisions of margin | serrate | serrate |
| | *Petiole: length | medium | medium |
| | Petiole: hairiness of upper side | weak | very weak to weak |
| | Petiole: depth of groove | shallow | shallow |
| | Leaf: position of glands | on both leaf base and petiole | on both leaf base and petiole |
| | *Peduncle: length | medium | medium |
| | Flowers: on one year old shoots | present | present |
| | Flowers: frequency of flowers with double petals | none or very few | none or very few |
| | Flowers: size | medium | small to medium |
| • | Flower: overlapping of petals | very free | touching to overlapping |
| | Sepal: shape | elliptic | elliptic |
| | Petal: size | medium | small to medium |
| | *Petal: shape | circular | circular |
| ~ | Petal: undulation of margin | strong to very strong | medium to strong |
| | Stigma: position as compared with anthers | above | same level to above |
| | *Fruit: size | large | large |
| ✓ | *Fruit: general shape | oblong | rounded-flattened |
| • | *Fruit: position of maximum diameter | towards stalk end to at centre | at centre |
| | *Fruit: symmetry | symmetric | symmetric |
| ✓ | Fruit: shape of apex | pointed | flat |

| | Fruit: depth of s | talk cavity | | shallow to medium | medium |
|--------|-------------------|----------------------|----------------|--------------------------------------|--------------------------------------|
| • | *Fruit: ground c | olour of skin | | orange to yellow | purple |
| | *Fruit: colour of | f flesh | | yellowish to greer | yellow |
| | Fruit: firmness o | of flesh | | firm to very firm | firm to very firm |
| | Fruit: juiciness | | | strong to very strong | strong |
| | Fruit: acidity | | | medium to strong | medium to strong |
| ✓ | Fruit: sweetness | | | very high | medium to high |
| | *Fruit: degree of | f adherence of stone | to flesh | fully adherent | fully adherent |
| \Box | *Stone: size | | | medium | small to medium |
| ✓ | *Stone: general | shape in profile | | long-elliptical | round-elliptical |
| \Box | Stone: shape in | ventral view | | flattened | flattened |
| ◄ | Stone: shape in | basal view | | long-elliptical | round-elliptical |
| | Stone: symmetry | y in profile | | symmetric | symmetric |
| | Stone: symmetry | y in ventral view | | symmetric | symmetric |
| | *Stone: position | of maximum width | | at centre | at centre |
| | Stone: texture of | f lateral surfaces | | granular | granular |
| | Stone: margins of | of dorsal groove | | entire | entire |
| | Stone: sharpness | s of the edges | | medium | medium |
| | Stone: width of | ventral zone | | medium | medium |
| | Stone: width of | stalk-end | | medium | narrow to medium |
| | Stone: angle of | stalk-end | | right angle or nearly right angle | right angle or nearly right angle |
| | Stone: shape of | pistil end | | pointed | pointed |
| | *Time of: flowe | ering | | medium | medium |
| | *Time of: ripeni | ing | | late | late |
| Pri | or Applications | and Sales Vear | Current Status | Name Annlied | |
| US | A | 2005 | Granted | 'Plumsweet IV' | |

First sold in the USA in Jan 2005.

Description: Peter Buchanan, Hodgsonvale, QLD.

Details of Application

| <u>2 ctung of rippircution</u> | |
|--------------------------------|---------------------------------------|
| Application Number | 2009/231 |
| Variety Name | 'Blackred V' |
| Genus Species | Prunus hybrid |
| Common Name | Prunus – Interspecific Plum |
| Synonym | Plumback V |
| Accepted Date | 11 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Oualified Person | Peter Buchanan |

Details of Comparative Trial

| Overseas Testing | United States Patent and Trademark Office (USPTO) |
|----------------------------|--|
| Authority | |
| Overseas Data | US PP 19,576 |
| Reference Number | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352 |
| Descriptor | Peach, Nectarine (Prunus persica) TG/53/3 |
| Period | 2 |
| Conditions Trial Design | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and |
| Measurements | Spacings. Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the |
| | US PP 19,576. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open-pollination: During a typical blooming season Glen Bradford isolated as seed parents both individual and groups of different plum trees by covering them with screen houses. A hive of bees was placed inside each such house, and bouquets to provide pollen form different plum, apricot and interspecific plum-apricot hybrid trees were placed in buckets near the trees approximately every two days for the duration of the bloom. During 2001 one such house containing an unpatented red plum, code name 19P442 was crossed in this manner. To pollinate this red plum Glen Bradford selected bouquets from several sources of apricot, plum and interspecific plum-apricot hybrid trees without keeping any specific written details. Upon reaching maturity the fruit from this red plum was harvested and the seeds removed, cracked, stratified and grown as a group on their own roots in a green house and labelled "H8A". From there they were transplanted into a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the summer of 2004 the claimed variety was selected as a single plant from the group of seedlings described above. The claimed variety was asexually reproduced and such reproduction of plant and fruit parts were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

| | | 6- · · · · · · · · · · · · · · · · · · · |
|-------------------------|-------------------|---|
| Variety of Common Kno | owledge | |
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Fruit | symmetry | symmetric |
| Fruit | size | medium |
| Fruit | firmness of flesh | firm /medium to firm |
| Fruit | acidity | medium |

degree of adherence of fully adherent

medium

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

Most Similar Varieties of Common Knowledge identified (VCK)

stone to flesh

time of ripening

Fruit

Fruit

| Name | Comments |
|--------------|--|
| 'Yummy Rosa' | 'Yummy Rosa' matures with the candidate variety. It is |
| | similar in size |

Varieties of Common Knowledge identified and subsequently excluded

| variety | Disting | guisning | State of Expression | State of Expression in | Comments |
|---------------------|---------|-----------------------------|----------------------|------------------------|---|
| | Chara | cteristics | in Candidate Variety | Comparator Variety | |
| 'Plum Swee Two' | t Fruit | ground colour of skin | black | purple | 'Plum Sweet Two' also have different maturity time. |
| 'Black Kat' | Fruit | ground colour of skin | black f | dark blue | |
| 'Flavorich' | Fruit | ground colour of skin | black f | violet- blue | |
| 'Flavorfall' | Fruit | size | medium | large | |
| 'Flavor King' | Fruit | time of ripening | medium | late | |
| 'Flavor Supreme' | Fruit | ground colour of skin | black f | violet- brown | |
| 'Flavor Heart' | Fruit | general shape | rounded-flattened | elongated | |
| 'Early Dapple' | Fruit | ground colour of skin | black f | yellowish-green | |
| 'Dapple Dandy' | Fruit | size | medium | large | |
| 'Sweetcot' | Fruit | size | medium | large | |
| 'Angeleno' | Fruit | size | medium | large | |
| 'Yummy Giant' | Fruit | time of ripening | medium | early | |

| Or | gan/Plant Part: Context | 'Blackred V' | 'Yummy Rosa' |
|----|--|--------------------------|----------------------------------|
| | Tree: vigour | strong | strong |
| | Tree: density of the head | dense | dense |
| | One year old shoot: attitude | erect to semi-erec | terect |
| | One year old shoot: intensity of colour | medium to dark | medium to dark |
| | Spur: length | medium to long | medium to long |
| | Wood bud: size | medium | medium |
| ✓ | Wood bud: shape | ovoid | conical |
| ✓ | Wood bud: position relative to shoot | slightly held out | adpressed |
| | Leaf: attitude | upwards to horizontal | upwards to horizontal |
| ✓ | *Leaf blade: shape | broad obovate | elliptic |
| | *Leaf blade: angle of the tip | pointed | pointed |
| | Leaf blade: green colour of upper side | dark | dark |
| | Leaf: glossiness of upper side | strong | strong |
| | Leaf blade: hairiness of lower side | weak | very weak to weak |
| | Leaf blade: incisions of margin | serrate | serrate |
| Γ | *Petiole: length | medium | medium |
| | Petiole: hairiness of upper side | very weak to weak | very weak to weak |
| | Petiole: depth of groove | very shallow to shallow | very shallow to shallow |
| ~ | Leaf: position of glands | only on petiole | on both leaf base and petiole |
| | *Peduncle: length | medium | medium |
| | Flowers: on one year old shoots | present | present |
| | Flowers: frequency of flowers with double petals | none or very few | none or very few |
| | Flowers: size | medium | medium to large |
| ~ | Flower: overlapping of petals | touching to overlapping | touching |
| | Sepal: shape | elliptic | elliptic |
| | Petal: size | medium | medium to large |
| | *Petal: shape | circular | obovate |
| | Petal: undulation of margin | medium | weak to medium |
| | Stigma: position as compared with anthers | same level | same level to above |
| | *Fruit: size | medium | medium |
| ✓ | *Fruit: general shape | rounded-flattened | rounded |

| | *Fruit: position of | f maximum diamet | er | at centre | at centre | |
|---------------------------|---------------------------------------|--|--------------------------------------|--------------------------------------|--------------------------|--|
| | *Fruit: symmetry | | | symmetric | symmetric | |
| | Fruit: shape of ape | ex | | flat | flat | |
| | Fruit: depth of sta | lk cavity | | medium | medium | |
| ~ | *Fruit: ground col | lour of skin | | black | red | |
| ~ | *Fruit: colour of f | flesh | | red | yellow | |
| | Fruit: firmness of | flesh | | firm | medium to firm | |
| | Fruit: juiciness | | | strong | strong to very strong | |
| | Fruit: acidity | | | medium | medium | |
| | Fruit: sweetness | | | high to very high | high to very high | |
| | *Fruit: degree of a | adherence of stone | to flesh | fully adherent | fully adherent | |
| | *Stone: size | | | small to medium | small to medium | |
| | *Stone: general sh | hape in profile | | round-elliptical | round-elliptical | |
| | Stone: shape in ve | entral view | | sub-globular | sub-globular | |
| | Stone: shape in ba | asal view | | round-elliptical | round-elliptical | |
| | Stone: symmetry | in profile | | asymmetric | symmetric | |
| | Stone: symmetry | in ventral view | | symmetric | symmetric | |
| | *Stone: position of | of maximum width | | at centre | at centre | |
| | Stone: texture of 1 | lateral surfaces | | rough | rough | |
| | Stone: margins of | dorsal groove | | entire | entire | |
| | Stone: sharpness of | of the edges | | medium | medium | |
| | Stone: width of ve | entral zone | | medium | medium | |
| | Stone: width of sta | alk-end | | medium | medium | |
| | Stone: angle of sta | alk-end | right angle or nearly right angle | right angle or nearly right angle | | |
| | Stone: shape of pi | istil end | | intermediate | intermediate | |
| | *Time of: floweri | ng | | medium | early to medium | |
| | *Time of: ripening medium medium | | | | | |
| <u>Prio</u> Cou USA | or Applications an untry Y A 20 | <u>nd Sales</u> 7 ear 007 | Current Status Granted | Name Applied 'Blackred V' | | |

First sold in the USA in Jan 2007.

Description: Peter Buchanan, Hodgsonvale, QLD.

Details of Application

| Application Number | 2009/141 | | | | | | |
|------------------------------|---|--|--|--|--|--|--|
| Variety Name | 'Sabre' | | | | | | |
| Genus Species | Chloris gayana | | | | | | |
| Common Name | Rhodes Grass | | | | | | |
| Synonym | | | | | | | |
| Accepted Date | 13 Jul 2009 | | | | | | |
| Applicant | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian | | | | | | |
| | Premium Seeds Holdings Pty Ltd, Kenmore, QLD | | | | | | |
| Agent | | | | | | | |
| Qualified Person | Donald S. Loch | | | | | | |
| Details of Comparativ | ve Trial | | | | | | |
| Location | Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, | | | | | | |
| | elevation 50 masl) | | | | | | |
| Descriptor | Grass (General descriptor for grasses) PBR GRAS | | | | | | |
| Period | 30 Oct 2008 – 14 May 2009 | | | | | | |
| Conditions | Seed sown on 30 Oct 2008; seedlings transplanted | | | | | | |
| | individually into 40 x 40mm tubes (one per tube) on 16 Nov | | | | | | |
| | 2008. Seedlings planted out on a spaced plant grid (3m x 3m) | | | | | | |
| | on a red volcanic (krasnozem) soil 7 & 8 Jan 2009; weed | | | | | | |
| | control by pre-emergence oxadiazon at time of planting plus | | | | | | |
| | inter-row cultivation, manual weeding and dicamba + MCPA | | | | | | |
| | as required; applied mixed fertiliser (N:P:K:S = | | | | | | |
| | 15.1:4.4:11.5:13.6) on 21 Jan 2009 to give 101 kg N, 29 kg P, | | | | | | |
| | 77 kg K, and 91 kg S per hectare; supplementary irrigation | | | | | | |
| | applied as required to maintain unstressed growth. | | | | | | |
| Trial Design | Sixty spaced plants of each of five cultivars ('Sabre', 'Toro', | | | | | | |
| | 'Callide', 'Mariner', 'Samford') arranged in twelve | | | | | | |
| | randomised blocks (rows) with five plants per plot; 3 m | | | | | | |
| | between blocks (rows) and 3 m between plants within blocks. | | | | | | |
| Measurements | Days to flowering after field planting determined for each | | | | | | |
| | plant (12 Feb – 27 Apr 2009); diameter of lateral spread | | | | | | |
| | measured 18 Mar 2009; plant habit and stolon characteristics | | | | | | |
| | (one stolon sampled per plant) measured 24-26 Mar 2009; | | | | | | |
| | one reproductive culm per plant sampled to measure stem, | | | | | | |
| | leaf and inflorescence characteristics (27 Mar - 14 May | | | | | | |
| | 2009); culm stem diameter calculated by averaging the | | | | | | |
| | diameters of the second lowest internode and the top | | | | | | |
| | internode (i.e. below the peduncle). | | | | | | |
| RHS Chart - edition | 2001 edition | | | | | | |

Origin and Breeding

Mass phenotypic selection was applied to five successive generations of seedlings derived from 'Callide' Rhodes grass grown between 2001 and 2006. In generation 1, selection was based on plant growth and survival under high salinity, followed by selection for improved agronomic characteristics (early flowering, dense leafy erect growth habit) under non-saline conditions. In each of the subsequent generations (2-5), selection was made progressively in 3 stages based on (1) germination under saline conditions, (2) growth and survival under saline conditions, and (3) improved

agronomic characteristics under non-saline conditions. 'Sabre' is a synthetic cultivar derived from the final 10 plants selected from the F5 breeding generation. These 10 plants were vegetatively propagated to establish a balanced polycross block at Walkamin (QLD) with >100 m isolation from other tetraploid Rhodes grass cultivars. Commercial seed of 'Sabre' will be produced from the second generation of multiplication past the initial vegetatively-established polycross plot. Breeder: Margaret Zorin (Birkdale, QLD).

<u>Choice of Comparators</u> 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 |
|-------------------------|-------------------|--|
| Ploidy | chromosome number | tetraploid |
| Flower | date of flowering | late/very late (quantitative short-day response) |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|---|
| 'Callide' | Late flowering tetraploid Rhodes grass. |
| 'Samford' | Late flowering tetraploid Rhodes grass. |
| 'Toro' | Very late flowering 'Callide'-type tetraploid Rhodes grass. |
| 'Mariner' | Very late flowering 'Samford'-type tetraploid Rhodes grass. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety Distinguishing State of ExpressionState of ExpressionComme | | | | Comments | |
|--|--------|----------------------|-------------------------|--------------------------|---|
| | Chara | cteristics | in Candidate Variety | in Comparator Variety | |
| 'Nemkat' | Ploidy | chromosome number | etetraploid | diploid | Early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). |
| 'Nemkat' | Flower | date of flowering | late | early | |
| 'KP4' | Ploidy | chromosome number | etetraploid | diploid | Early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). |
| 'KP4' | Flower | date of flowering | late | early | |
| 'Finecut' | Ploidy | chromosome number | etetraploid | diploid | Very early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). |
| 'Finecut' | Flower | date of flowering | late | early | |
| 'Gulfcut' | Ploidy | chromosome number | etetraploid | diploid | Very early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). |
| 'Gulfcut' | Flower | date of flowering | late | early | |
| 'Reclaimer' | Ploidy | chromosome | etetraploid | diploid | Very early-flowering |

| | numbo | er | | | diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). |
|-------------|-------------------------|--------------|-------------|---------|---|
| 'Reclaimer' | Flower date o flower | of ring | late | early | |
| 'Topcut' | Ploidy chrom numbe | nosome er | etetraploid | diploid | Very early-flowering diploid 'Pioneer'-type Rhodes grass (day-neutral flowering response). |
| 'Topcut' | Flower date o flower | of ring | late | early | |
| 'Salcut' | Ploidy chrom numbe | nosome er | etetraploid | diploid | Very early-flowering diploid 'Pioneer'-type Rhodes grass (day-neutral flowering response). |
| 'Salcut' | Flower date o flower | of ring | late | early | · |

| Organ/Plant Part: Context | | 'Sabre' | 'Mariner' | 'Samford' | 'Callide' | 'Toro' |
|------------------------------|--|----------------------|--------------------|----------------------|------------------------|----------------------|
| | Plant: ploidy | tetraploid | tetraploid | tetraploid | tetraploid | tetraploid |
| | Plant: life-cycle | perennial | perennial | perennial | perennial | perennial |
| □ life- only | Plant: duration of -cycle (perennials y) | long | long | long | long | long |
| | Plant: growth habit | stoloniferous | stoloniferous | stoloniferous | stoloniferous | stoloniferous |
| | Plant: stolons | present | present | present | present | present |
| | Plant: rhizomes | absent | absent | absent | absent | absent |
| | Stolon: nodes | compound | compound | compound | compound | compound |
| □ sub (con | Stolon: number of tending leaves npound nodes only) | two to four | two to four | two to four | two to four | two to four |
| □ brai | Stolon: number of nches | many to very many | medium to many | medium to many | few to medium | many |
| ⊡ inte | Stolon: length of rnode | long | long | long to very long | long to very long | long to very long |
| ⊡ inte | Stolon: width of rnode | broad | medium to broad | medium | broad to very broad | broad |
| □ exp (RH | Stolon: colour where osed to sun (summer) IS colour chart) | 146A | 146B | 146A | 146B | 146B |
| | Stolon: colour where | 183B | 183B-C | 183B-C | 183B | 183B-C |

| expo (RH | osed to sun (winter) (S colour chart) | | | | | |
|------------------|--|--|-----------------------------|-----------------------------|---|---|
| ⊽ shea | Stolon: length of leaf ath | long to very long | long | long | long to very long | long to very long |
| ⊡ blad | Stolon: length of leaf le | long | medium | medium | long to very long | long |
| □ blad | Stolon: width of leaf | broad | medium | medium | broad to very broad | broad |
| □ leaf | Stolon: hairiness of sheath | absent | absent | absent | absent | absent |
| □ glau | Stolon: leaf blade cosity | absent | absent | absent | absent | absent |
| D blad | Stolon: shape of leaf | linear- triangular | | | linear- triangular | linear- triangular |
| □ apez | Stolon: shape of leaf | narrow acute | narrow acute | narrow acute | narrow acute | narrow acute |
| □ blad | Stolon: hairs on leaf | absent | absent | absent | absent | absent |
| | Culm: length | long | long | long | long to very long | long |
| • | Culm: width | broad | medium | medium | broad to very broad | broad |
| ✓ | Culm: number of rnodes | many | many to very many | many to very many | many to very many | many to very many |
| □ (RH | Culm: leaf colour (S colour chart) | 137B | 137A(-B) | 137B(-A) | 137A | 137B |
| □ surf | Culm: leaf blade ace | scaberulous | scaberulous | scaberulous | scaberulous | scaberulous |
| □ verr | Culm: leaf blade nation | conduplicate | conduplicate | conduplicate | conduplicate | conduplicate |
| | Culm: blade margin | scabrous | scabrous | scabrous | scabrous | scabrous |
| □ auri | Culm: leaf sheath cle | absent | absent | absent | absent | absent |
| | Culm: ligule | present | present | present | present | present |
| | Culm: ligule structure | fringe of hairs (membrane ² absent or obscure) | | | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) |
| | Collar: colour | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath |
| | Collar: hairiness | absent | | | absent | absent |
| | Peduncle: length | long to very | long | long | long to very | long |

| | | long | | | long | |
|---|---|---|--|---|---|--|
| | Peduncle: width | broad | medium to broad | medium to broad | broad to very broad | broad |
| • | Culm: flag leaf lengtl | long to very ¹ long | medium | short to medium | long | long |
| ~ | Culm: flag leaf width | broad | narrow to medium | narrow to medium | broad to very broad | broad to very broad |
| | Culm: flag leaf shape | linear- triangular | | | linear- triangular | linear- triangular |
| □ shea | Culm: flag leaf ath length | long to very long | long | medium to long | long to very long | long |
| | Plant: sex expression | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite |
| | Inflorescence: type | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle |
| □ disp | Inflorescence: position of racemes | digitate | digitate | digitate | digitate | digitate |
| □ nun | Inflorescence: ber of racemes | many | many | many | many | many |
| □ ster | Inflorescence: male ility | absent | absent | absent | absent | absent |
| □ ave | Inflorescence: rage number of spikes | more than four | rmore than four | rmore than fou | rmore than fou | rmore than four |
| | | | | | | |
| | Stigma: colour | white | white | white | white | white |
| | Stigma: colour Awns: presence | white present | white present | white present | white present | white present |
| | Stigma: colour Awns: presence Awn: length | white present long to very long | white present long | white present long | white present long to very long | white present long to very long |
| | Stigma: colour Awns: presence Awn: length Culm: leaf sheath gth | white present long to very long to very long to very long long to very long | white description of the second secon | white present long long to very long | white present long to very long long to very long | white present long to very long to very long to very long long to very long long to very long to |
| I I I I I I I I I I I I I I I I I I I | Stigma: colour Awns: presence Awn: length Culm: leaf sheath gth Culm: pubescence of sheath | white present long to very long long to very long absent | white present 1 long long to very long absent 1 | <pre>white present long long to very long absent</pre> | white present long to very long long to very long absent | white present long to very long to very long absent long to very long long to very long long to very long long to very long absent long long long long long long long long |
| □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ | Stigma: colour Awns: presence Awn: length Culm: leaf sheath gh Culm: pubescence of sheath Culm: leaf blade gth | whitepresentlong to very longlong to very longabsentvery long | <pre>white // present // compare the sent // c</pre> | whitepresentlongong to very longabsentmedium | whitepresentlong to very longlong to very longabsent | <pre>white</pre> |
| leng leng leaf vid | Stigma: colour Awns: presence Awn: length Culm: leaf sheath gth Culm: pubescence of sheath Culm: leaf blade gth Culm: leaf blade th | <pre>white present long to very long</pre> | whitepresentlonglong to verylong to veryabsentmedium tolongbroad | whitepresentlonglong to verylongabsentmedium | <pre>white present long to very long to very long to very long long to very long long to very long</pre> | <pre>white</pre> |
| I leng I leng I leng Wid | Stigma: colour Awns: presence Awn: length Culm: leaf sheath gth Culm: pubescence of sheath Culm: leaf blade gth Culm: leaf blade th Culm: leaf shape | white present long to very long to very long to very long wery long broad to very linear | whitepresentlonglong to verylong to veryabsentmedium tolongbroadlinear | whitepresentlonglong to verylong to veryabsentmediumheadiumlinear | <pre>white present long to very long broad to very linear</pre> | white present long to very long to very long to very long to very long wery broad linear |
| □ □ leng □ leaf ✓ leng wid □ glau | Stigma: colour Awns: presence Awn: length Culm: leaf sheath gth Culm: pubescence of sheath Culm: leaf blade gth Culm: leaf blade th Culm: leaf shape Culm: leaf blade | <pre>white</pre> present Cong to very | whitepresentlonglong to verylong to veryabsentmedium tobroadlinearabsent | whitepresentlonglong to veryong to veryabsentmediumlinearabsent | whitepresentlong to verylong to verylong to verylongbroad to verylinearabsent | whitepresentlong to verylong to verylong to verylong to verylongwery broadlinearabsent |
| leng leaf vid | Stigma: colour Awns: presence Awn: length Culm: leaf sheath th Culm: pubescence of sheath Culm: leaf blade th Culm: leaf blade th Culm: leaf blade th Culm: leaf shape Culm: leaf blade th | <pre>white present long to very long absent very long linear linear absent </pre> | whitepresentlonglong to verylong to veryabsentmedium tobroadlinearabsentabsent | whitepresentlonglong to veryong to veryabsentmediumlinearabsentanorow acute | whitepresentlong to verylong to verylong to verylongabsentbroad to verylinearabsentanarow acute | whitepresentlong to verylong to verylong to verylong to verylongwery broadlinearabsentlinearabsentlinearabsentlinearabsentlinearabsentlinearabsentlinearabsentlinearabsentlinear< |
| □ leng □ | Stigma: colour Awns: presence Awn: length Culm: leaf sheath th Culm: pubescence of sheath Culm: leaf blade th Culm: leaf blade th Culm: leaf shape Culm: leaf blade th Culm: leaf blade th Culm: leaf blade culm: leaf blade culm: leaf blade | <pre>white present long to very long to very long to very absent very long broad to very broad to very linear absent absent</pre> | whitepresentlonglong to veryong to veryabsentmedium tobroadlinearabsentabsentabsentabsent | whitepresentlonglong to veryongabsentmediumlinearabsentabsentabsentabsent | <pre>white present iong to very iong to very iong to very iong to very iong absent iong inear absent inarrow acute absent</pre> | whitepresentlong to verylong to verylong to verylong to verylongabsentlongwery broadlinearabsentabsentabsentabsentabsent |

| pubescence | | | | | |
|--|---------------------|--------------------|-------------------|----------------|---------------|
| Culm: stem absent absent absent absent | | | | | |
| pubescence | ubbent | ubbent | ubbent | ubbent | ubbent |
| Statistical Table | | | | | |
| Organ/Plant Part: | 'Sabre' | 'Mariner' | 'Samford' | 'Callide' | 'Toro' |
| Context | | | | | |
| Plant: mean plant dia | meter 139 days | after sowing (| cm) | | |
| Mean | 390.48 | 382.22 | 377.97 | 429.95 | 357.45 |
| Std. Deviation | 82.34 | 100.63 | 88.92 | 86.62 | 105.61 |
| LSD/sig | 39.74 | ns | ns | ns | ns |
| Plant: growth habit (| 0 = prostrate sp | reading, $9 = ere$ | ect tussock) | | |
| Mean | 5.30 | 5.25 | 4.93 | 4.30 | 5.23 |
| Std. Deviation | 1.08 | 1.37 | 1.77 | 1.39 | 1.48 |
| Flower: days after fie | ld planting to f | irst flowering | | | |
| Flower. days after the | | list nowening | | | |
| Mean | 76.80 | 93.60 | 87.70 | 87.90 | 95.70 |
| Std. Deviation | 14.48 | 10.73 | 18.98 | 12.71 | 7.57 |
| LSD/sig | 6.30 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| Stolon: length of four | rth internode fr | om stolon tin (r | nm) | | |
| Mean | 182.70 | 182.80 | 194.80 | 207.10 | 197.20 |
| Std. Deviation | 40.99 | 39.09 | 46.01 | 43.85 | 38.76 |
| LSD/sig | 21.70 | ns | ns | P<0.01 | ns |
| Ctolony diamaton of f | and him to man a da | fuere stales tim | (| | |
| Storon: diameter of to | | | 7 (IIIII) 7 17 | 5 50 | 4.00 |
| Std Deviation | 4.80 | 4.33 | 4.14 | J.J9 1 18 | 4.90 |
| I SD/sig | 0.09 | 0.38 P<0.01 | D.00 P<0.01 | P<0.01 | 0.09 ns |
| | 0.54 | 1_0.01 | 1_0.01 | 1_0.01 | 115 |
| Stolon: length:diame | ter ratio of four | th internode fro | om stolon tip | • • • • | |
| Mean | 38.13 | 42.49 | 47.48 | 38.01 | 41.22 |
| Std. Deviation | 9.20 | 8.20 D <0.01 | 10.19 | 8.55 | 9.54 |
| LSD/sig | 4.25 | P≤0.01 | P <u>≤</u> 0.01 | ns | ns |
| L Stolon: number of sh | oots on fourth i | nternode from | stolon tip | | |
| Mean | 6.48 | 5.00 | 5.13 | 3.62 | 5.53 |
| Std. Deviation | 5.89 | 5.13 | 3.38 | 2.12 | 3.34 |
| LSD/sig | 1.82 | ns | ns | P≤0.01 | ns |
| Stolon: length of out | er leaf sheath o | n fourth node fi | rom stolon tip (| mm) | |
| Mean | 80.00 | 73.00 | 66.00 | 87.20 | 77.60 |
| Std. Deviation | 19.81 | 26.45 | 21.02 | 30.63 | 24.78 |
| LSD/sig | 10.70 | ns | P≤0.01 | ns | ns |
| Stolon: length of blac | le on leaf at for | urth node from | stolon tin (mm` |) | |
| Mean | 216.00 | 174.80 | 167.00 | 233.30 | 213.60 |
| Std. Deviation | 106.45 | 98.14 | 90.20 | 121.82 | 108.22 |
| LSD/sig | 46.10 | ns | P<0.01 | ns | ns |
| | notic of 1-1-1 | n loof of formul | | | |
| Storon: length:width | | in leaf at fourth | node from stol | on up 24.62 | 22 74 |
| Std Dovision | 24.81 0.41 | 23.08 12.10 | 21.39 8.64 | 24.03 10.62 | 23.74 0.81 |
| Sid. Deviation | 7.41 | 12.10 | 0.04 | 10.02 | 7.01 |

| LSD/sig | 4.66 | ns | ns | ns | ns | | | | |
|-----------------------------|--|------------------|---------------------|------------------------|-----------------|--|--|--|--|
| \Box Culm: length of matu | re culm (cm) | | | | | | | | |
| Mean | 159.70 | 165.80 | 159.40 | 171.20 | 169.80 | | | | |
| Std. Deviation | 16.34 | 15.78 | 23.92 | 16.65 | 17.58 | | | | |
| LSD/sig | 10.04 | ns | ns | P≤0.01 | P≤0.01 | | | | |
| Culm: number of mat | ure culm nodes | s (excluding pe | duncle and plar | nt base) | | | | | |
| Mean | 7.50 | 8.50 | 8.30 | 7.90 | 8.30 | | | | |
| Std. Deviation | 1.28 | 1.77 | 2.05 | 1.29 | 1.55 | | | | |
| LSD/sig | 0.80 | P≤0.01 | P≤0.01 | ns | P≤0.01 | | | | |
| Culm: mean stem dia | Culm: mean stem diameter of culm excluding neduncle (mm) | | | | | | | | |
| Mean | 4.15 | 3.98 | 3.60 | 4.61 | 4.27 | | | | |
| Std. Deviation | 0.43 | 0.45 | 0.49 | 0.56 | 0.52 | | | | |
| LSD/sig | 0.24 | ns | P<0.01 | P<0.01 | ns | | | | |
| Culmu langth of nodu | nala an flavvari | n a oulma (mm) | | | | | | | |
| Mean | 351 30 | 315.60 | 378.80 | 351 20 | 320.80 | | | | |
| Std Deviation | 76 79 | 76.13 | 70.88 | 81 70 | 520.80 68 77 | | | | |
| I SD/eig | 33 30 | P<0.13 | 70.00 ns | 81.70 ns | 00.77 ns | | | | |
| | | 1_0.01 | | 115 | 115 | | | | |
| Culm: diameter of pe | duncle on flow | ering culms (m | m) | 1 (7 | 1 40 | | | | |
| Mean | 1.48 | 1.42 | 1.37 | 1.67 | 1.48 | | | | |
| Std. Deviation | 0.27 | 0.20 | 0.24 | 0.32 | 0.25 | | | | |
| LSD/sig | 0.20 | ns | ns | ns | ns | | | | |
| Culm: length of flag l | leaf sheath on f | lowering culms | s (mm) | | | | | | |
| Mean | 215.45 | 200.67 | 190.38 | 205.83 | 196.70 | | | | |
| Std. Deviation | 28.47 | 34.52 | 26.72 | 34.38 | 28.97 | | | | |
| LSD/sig | 18.73 | ns | P≤0.01 | ns | P≤0.01 | | | | |
| Culm: length of blade | e on flag leaf or | n flowering cul | ms (mm) | | | | | | |
| Mean | 214.40 | 155.00 | 133.90 | 197.30 | 196.30 | | | | |
| Std. Deviation | 76.49 | 68.13 | 58.62 | 74.30 | 82.38 | | | | |
| LSD/sig | 37.00 | P≤0.01 | P≤0.01 | ns | ns | | | | |
| Method Used | | | | | | | | | |
| Culm: width of blade | on flag leaf on | flowering culr | ns (mm) | | | | | | |
| Mean | 7.51 | 6.24 | 5.82 | 8.18 | 8.72 | | | | |
| Std. Deviation | 2.29 | 1.61 | 1.59 | 2.28 | 2.48 | | | | |
| LSD/sig | 1.07 | P≤0.01 | P≤0.01 | ns | P≤0.01 | | | | |
| Culm: length:width ra | atio of blade on | flag leaf on flo | owering culms | | | | | | |
| Mean | 28.97 | 24.79 | 22.98 | 23.93 | 22.65 | | | | |
| Std. Deviation | 7.30 | 7.76 | 7.78 | 6.17 | 7.43 | | | | |
| LSD/sig | 3.75 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 | | | | |
| Culmi langth of shoot | h on first loof h | - | _ on flowering o | | | | | | |
| Moon | 172 88 | 120 15 | 120.63 | $\frac{11111}{127.08}$ | 110.68 | | | | |
| Std Deviation | 125.88 | 129.15 | 129.03 | 127.90 | 20.40 | | | | |
| I SD/sig | 7 71 | 17.00 ns | 17. 1 7 | 10.70 ns | 20.40 ns | | | | |
| | /./1 | | | 110 | 115 | | | | |
| Culm: length of blade | e on first leaf be | elow flag leaf o | n flowering cu | lms (mm) | | | | | |
| Mean | 382.80 | 272.20 | 252.30 | 318.50 | 322.90 | | | | |
| Std. Deviation | 104.96 | 104.62 | 87.55 | 100.38 | 116.10 | | | | |

| LSD/sig | 49.80 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
|---------------------------|-------------------|------------------|-------------------|---------------|---------|
| Culm: width of blade | on first leaf be | low flag leaf or | n flowering cul | ms (mm) | |
| Mean | 11.96 | 9.80 | 9.18 | 12.18 | 12.09 |
| Std. Deviation | 1.90 | 1.61 | 1.96 | 2.69 | 2.48 |
| LSD/sig | 1.09 | P≤0.01 | P≤0.01 | ns | ns |
| Culm: length:width ra | atio of blade on | first leaf below | v flag leaf on fl | owering culms | |
| Mean | 32.17 | 27.44 | 27.64 | 25.97 | 26.83 |
| Std. Deviation | 8.06 | 7.77 | 8.21 | 5.58 | 8.44 |
| LSD/sig | 4.03 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☑ Inflorescence: total le | ngth of raceme | s per infloresce | ence (mm) | | |
| Mean | 2014.50 | 2008.20 | 1844.00 | 2312.00 | 1806.40 |
| Std. Deviation | 549.84 | 515.16 | 529.69 | 585.05 | 413.99 |
| LSD/sig | 227.50 | ns | ns | P≤0.01 | ns |
| ☑ Inflorescence: numbe | r of racemes pe | er inflorescence | ; | | |
| Mean | 15.30 | 17.90 | 17.60 | 18.50 | 15.70 |
| Std. Deviation | 3.01 | 3.67 | 4.29 | 4.24 | 3.41 |
| LSD/sig | 1.70 | P≤0.01 | P≤0.01 | P≤0.01 | ns |
| ✓ Inflorescence: mean l | ength of indivio | dual racemes (r | nm) | | |
| Mean | 131.40 | 112.51 | 104.35 | 126.19 | 115.91 |
| Std. Deviation | 18.70 | 18.57 | 15.13 | 22.85 | 17.71 |
| LSD/sig | 9.11 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| Stolon: width of blade | e on leaf at four | rth node from s | tolon tip (mm) | | |
| Mean | 8.52 | 7.34 | 7.52 | 9.27 | 8.91 |
| Std. Deviation | 1.65 | 1.29 | 1.50 | 2.13 | 2.10 |
| LSD/sig | 0.89 | P≤0.01 | P≤0.01 | ns | ns |

Prior Applications and Sales Nil.

Description: Donald S Loch, Alexandra Hills, QLD & Margaret Zorin, Birkdale, QLD

Details of Application

| Application Number | 2009/139 | | | | | | |
|------------------------------|---|--|--|--|--|--|--|
| Variety Name | 'Mariner' | | | | | | |
| Genus Species | Chloris gayana | | | | | | |
| Common Name | Rhodes Grass | | | | | | |
| Synonym | | | | | | | |
| Accepted Date | 13 Jul 2009 | | | | | | |
| Applicant | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian | | | | | | |
| | Premium Seeds Holdings Pty Ltd, Kenmore, QLD | | | | | | |
| Agent | | | | | | | |
| Qualified Person | Donald S. Loch | | | | | | |
| Details of Comparativ | ve Trial | | | | | | |
| Location | Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, | | | | | | |
| | elevation 50 masl). | | | | | | |
| Descriptor | Grass (General descriptor for grasses) PBR GRAS | | | | | | |
| Period | 30 Oct 2008 – 14 May 2009 | | | | | | |
| Conditions | Seed sown on 30 Oct 2008; seedlings transplanted | | | | | | |
| | individually into 40 x 40mm tubes (one per tube) on 16 Nov | | | | | | |
| | 2008. Seedlings planted out on a spaced plant grid (3m x 3m) | | | | | | |
| | on a red volcanic (krasnozem) soil 7 & 8 Jan 2009; weed | | | | | | |
| | control by pre-emergence oxadiazon at time of planting plus | | | | | | |
| | inter-row cultivation, manual weeding and dicamba + MCPA | | | | | | |
| | as required; applied mixed fertiliser (N:P:K:S = | | | | | | |
| | 15.1:4.4:11.5:13.6) on 21 Jan 2009 to give 101 kg N, 29 kg P, | | | | | | |
| | 77 kg K, and 91 kg S per hectare; supplementary irrigation | | | | | | |
| | applied as required to maintain unstressed growth. | | | | | | |
| Trial Design | Sixty spaced plants of each of five cultivars 'Mariner', | | | | | | |
| | 'Samford', 'Toro', 'Sabre', 'Callide') arranged in twelve | | | | | | |
| | randomised blocks (rows) with five plants per plot; 3m | | | | | | |
| | between blocks (rows) and 3m between plants within blocks. | | | | | | |
| Measurements | Days to flowering after field planting determined for each | | | | | | |
| | plant (12 Feb – 27 Apr 2009); diameter of lateral spread | | | | | | |
| | measured 18 Mar 2009; plant habit and stolon characteristics | | | | | | |
| | (one stolon sampled per plant) measured 24-26 Mar 2009; | | | | | | |
| | one reproductive culm per plant sampled to measure stem, | | | | | | |
| | leaf and inflorescence characteristics (27 Mar - 14 May | | | | | | |
| | 2009); culm stem diameter calculated by averaging the | | | | | | |
| | diameters of the second lowest internode and the top | | | | | | |
| | internode (i.e. below the peduncle). | | | | | | |
| RHS Chart - edition | 2001 edition | | | | | | |

Origin and Breeding

Mass phenotypic selection was applied to four successive generations of seedlings derived from 'Samford' Rhodes grass grown between 2002 and 2006. In each generation, selection was made progressively in 3 stages based on (1) germination under saline conditions, (2) growth and survival under saline conditions, and (3) improved agronomic characteristics (late flowering, dense leafy erect growth habit) under non-saline conditions. 'Mariner' is a synthetic cultivar derived from the final 12 plants selected from the F4 breeding generation. These 12 plants were vegetatively

propagated to establish a balanced polycross block at Walkamin (QLD) with >100 m isolation from other tetraploid Rhodes grass cultivars. Commercial seed of 'Mariner' ill be produced from the second generation of multiplication past the initial vegetatively-established polycross plot. Breeder: Margaret Zorin (Birkdale, QLD).

<u>Choice of Comparators</u> 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 |
|-------------------------|-------------------|--|
| Ploidy | chromosome number | tetraploid |
| Flower | date of flowering | late/very late (quantitative short-day response) |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|--|
| 'Samford' | Late flowering tetraploid Rhodes grass |
| 'Callide' | Late flowering tetraploid Rhodes grass |
| 'Sabre' | Late flowering 'Callide'-type tetraploid Rhodes grass |
| 'Toro' | Very late flowering 'Callide'-type tetraploid Rhodes grass |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing | | State of ExpressionState of ExpressionComments | | | |
|-------------|----------------|----------------------|--|--------------------------|---|--|
| | Chara | cteristics | in Candidate Variety | in Comparator Variety | | |
| 'Nemkat' | Ploidy | chromosome number | etetraploid | diploid | Early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). | |
| 'Nemkat' | Flower | date of flowering | very late | early | | |
| 'KP4' | Ploidy | chromosome number | etetraploid | diploid | Early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). | |
| 'KP4' | Flower | date of flowering | very late | early | | |
| 'Finecut' | Ploidy | chromosome number | etetraploid | diploid | Very early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). | |
| 'Finecut' | Flower | date of flowering | very late | very early | | |
| 'Gulfcut' | Ploidy | chromosome number | etetraploid | diploid | Very early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). | |
| 'Reclaimer' | Flower | date of flowering | very late | very early | | |
| 'Topcut' | Ploidy | chromosome number | etetraploid | diploid | Very early-flowering diploid 'Pioneer'-type Rhodes grass (day-neutral flowering response). | |

| 'Topcut' | Flower date of flowering | very late | very early | |
|-------------|----------------------------|---------------|------------|---|
| 'Salcut' | Ploidy chromosom number | ne tetraploid | diploid | Very early-flowering diploid 'Pioneer'-type Rhodes grass (day-neutral flowering response). |
| 'Salcut' | Flower date of flowering | very late | very early | |
| 'Gulfcut' | Flower date of flowering | very late | very early | |
| 'Reclaimer' | Ploidy chromosom number | ne tetraploid | diploid | Very early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response). |

| Organ/Plant Part: Context | | 'Mariner' | 'Callide' | 'Sabre' | 'Samford' | 'Toro' |
|------------------------------|--|--------------------|------------------------|-------------------|----------------------|----------------------|
| | Plant: ploidy | tetraploid | tetraploid | tetraploid | tetraploid | tetraploid |
| | Plant: life-cycle | perennial | perennial | perennial | perennial | perennial |
| □ life only | Plant: duration of -cycle (perennials y) | long | long | long | long | long |
| | Plant: growth habit | stoloniferous | stoloniferous | stoloniferous | stoloniferous | stoloniferous |
| | Plant: stolons | present | present | present | present | present |
| | Plant: rhizomes | absent | absent | absent | absent | absent |
| | Stolon: nodes | compound | compound | compound | compound | compound |
| □ subt | Stolon: number of tending leaves mpound nodes only) | two to four | two to four | two to four | two to four | two to four |
| □ bra | Stolon: number of nches | medium to many | few to medium | many to very many | medium to many | many |
| ⊡ inte | Stolon: length of rnode | long | long to very long | long | long to very long | long to very long |
| ⊡ inte | Stolon: width of rnode | medium to broad | broad to very broad | broad | medium | broad |
| □ exp (RH | Stolon: colour where osed to sun (summer) IS colour chart) | 146B | 146B | 146A | 146A | 146B |
| □ exp (RH | Stolon: colour where osed to sun (winter) IS colour chart) | 183B-C | 183B | 183B | 183B-C | 183B-C |

| ⊽ shea | Stolon: length of leaf ath | long | long to very long | long to very long | long | long to very long |
|------------------|---------------------------------------|--|---|---|---|---|
| ⊡ blad | Stolon: length of leaf le | medium | long to very long | long | medium | long |
| ⊡ blad | Stolon: width of leaf | medium | broad to very broad | broad | medium | broad |
| □ leaf | Stolon: hairiness of sheath | absent | absent | absent | absent | absent |
| □ glau | Stolon: leaf blade cosity | absent | absent | absent | absent | absent |
| □ blad | Stolon: shape of leaf | linear- triangular | linear- triangular | linear- triangular | linear- triangular | linear- triangular |
| □ apez | Stolon: shape of leaf | narrow acute | narrow acute | narrow acute | narrow acute | narrow acute |
| □ blad | Stolon: hairs on leaf le | absent | absent | absent | absent | absent |
| | Culm: length | long | long to very long | long | long | long |
| | Culm: width | medium | broad to very broad | broad | medium | broad |
| inte: | Culm: number of rnodes | many to very many | many to very many | many | many to very many | many to very many |
| □ (RH | Culm: leaf colour (S colour chart) | 137A(-B) | 137A | 137B | 137B(-A) | 137B |
| □ surf | Culm: leaf blade ace | scaberulous | scaberulous | scaberulous | scaberulous | scaberulous |
| □ verr | Culm: leaf blade nation | conduplicate | conduplicate | conduplicate | conduplicate | conduplicate |
| | Culm: blade margin | scabrous | scabrous | scabrous | scabrous | scabrous |
| □ auri | Culm: leaf sheath cle | absent | absent | absent | absent | absent |
| | Culm: ligule | present | present | present | present | present |
| | Culm: ligule structure | fringe of hairs (membrane Pabsent or obscure) | fringe of hairs (membrane absent or obscure) |
| | Collar: colour | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath |
| | Collar: hairiness | absent | absent | absent | absent | absent |
| ~ | Peduncle: length | long | long to very long | long to very long | long | long |
| ✓ | Peduncle: width | medium to | broad to very | broad | medium to | broad |
| | | broad | broad | | broad | |
|------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| • | Culm: flag leaf length | ₁ medium | long | long to very long | short to medium | long |
| • | Culm: flag leaf width | narrow to medium | broad to very broad | broad | narrow to medium | broad to very broad |
| | Culm: flag leaf shape | linear- triangular | linear- triangular | linear- triangular | linear- triangular | linear- triangular |
| □ shea | Culm: flag leaf ath length | long | long to very long | long to very long | medium to long | long |
| | Plant: sex expression | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite |
| | Inflorescence: type | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle |
| □ disp | Inflorescence: position of racemes | digitate | digitate | digitate | digitate | digitate |
| nun | Inflorescence: ber of racemes | many | many | many | many | many |
| ster | Inflorescence: male ility | absent | absent | absent | absent | absent |
| □ aver | Inflorescence: rage number of spikes | more than four | rmore than four | rmore than four | more than four | more than four |
| | Stigma: colour | white | white | white | white | white |
| | Awns: presence | present | present | present | present | present |
| | Awn: length | long | long to very long | long to very long | long | long to very long |
| ⊡ leng | Culm: leaf sheath gth | long to very long |
| □ leaf | Culm: pubescence of sheath | absent | absent | absent | absent | absent |
| ⊽ leng | Culm: leaf blade gth | medium to long | long | very long | medium | long |
| ▼ wid | Culm: leaf blade th | medium to broad | broad to very broad | broad to very broad | medium | very broad |
| | Culm: leaf shape | linear | linear | linear | linear | linear |
| □ glau | Culm: leaf blade | absent | absent | absent | absent | absent |
| □ apez | Culm: shape of leaf | narrow acute |
| □ pub | Culm: leaf blade escence | absent | absent | absent | absent | absent |
| | | | | | | |

| Culm: stem | 1 (| 1 / | 1 4 | 1 4 | 1 (|
|------------------------|-------------------|------------------|------------------|-------------|--------------|
| nubescence | absent | absent | absent | absent | absent |
| Statistical Table | | | | | |
| Organ/Plant Part | | | | | |
| Organ/Flant Fart. | 'Mariner' | 'Callide' | 'Sabre' | 'Samford' | 'Toro' |
| | | | | | |
| Plant: mean plant dia | meter 139 days | after sowing (| cm) | | |
| Mean | 382.22 | 429.95 | 390.48 | 377.97 | 357.45 |
| Std. Deviation | 100.63 | 86.62 | 82.34 | 88.92 | 105.61 |
| LSD/sig | 39.74 | P≤0.01 | ns | ns | ns |
| Diant: growth habit (| 0 – prostrata sp | reading 0 - ar | act tussock) | | |
| Meen | 0 = prostrate sp | 4.30 | 5 30 | 1 03 | 5.23 |
| Std Daviation | J.2J 1 27 | 4.30 | 1.09 | 4.93 | J.23 1 49 |
| | 1.57 | 1.39 | 1.08 | 1.// | 1.40 |
| Flower: days after fie | eld planting to f | irst flowering | | | |
| Mean | 93.60 | 87.90 | 76.80 | 87.70 | 95.70 |
| Std. Deviation | 10.73 | 12.71 | 14.48 | 18.98 | 7.57 |
| LSD/sig | 6.30 | ns | P≤0.01 | ns | ns |
| Stolon: length of four | rth internode fr | om stolon tin (r | nm) | | |
| Mean | 182.80 | 207 10 | 182 70 | 194 80 | 197 20 |
| Std Deviation | 39.09 | <i>A</i> 3 85 | 102.70 | 46.01 | 38.76 |
| LSD/sig | 21 70 | P<0.01 | ns | +0.01 ns | ns |
| | 21.70 | 1_0.01 | 115 | 115 | 115 |
| Stolon: diameter of f | ourth internode | from stolon tip | o (mm) | | |
| Mean | 4.33 | 5.59 | 4.86 | 4.14 | 4.90 |
| Std. Deviation | 0.58 | 1.18 | 0.69 | 0.66 | 0.89 |
| LSD/sig | 0.34 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| Stolon: length:diame | ter ratio of four | th internode fro | om stolon tip | | |
| Mean | 42.49 | 38.01 | 38.13 | 47 48 | 41.22 |
| Std Deviation | 8 20 | 8 55 | 9 20 | 10.19 | 9 54 |
| LSD/sig | 4.25 | P<0.01 | P<0.01 | P<0.01 | ns |
| | | 1_0.01 | | 1_0.01 | 115 |
| Stolon: number of sh | oots on fourth i | nternode from | stolon tip | | |
| Mean | 5.00 | 3.62 | 6.48 | 5.13 | 5.53 |
| Std. Deviation | 5.13 | 2.12 | 5.89 | 3.38 | 3.34 |
| LSD/sig | 1.82 | ns | ns | ns | ns |
| Stolon: length of out | er leaf sheath o | n fourth node fi | rom stolon tip (| mm) | |
| Mean | 73.00 | 87.20 | 80.00 | 66.00 | 77.60 |
| Std. Deviation | 26.45 | 30.63 | 19.81 | 21.02 | 24.78 |
| LSD/sig | 10.70 | P<0.01 | ns | ns | ns |
| | | | | | |
| Stolon: length of blac | de on leaf at fou | irth node from | stolon tip (mm) |) | |
| Mean | 174.80 | 233.30 | 216.00 | 167.00 | 213.60 |
| Std. Deviation | 98.14 | 121.82 | 106.45 | 90.20 | 108.22 |
| LSD/s1g | 46.10 | P≤0.01 | ns | ns | ns |
| □ Stolon: length:width | ratio of blade o | n leaf at fourth | node from stol | on tip | |
| Mean | 23.68 | 24.63 | 24.81 | 21.59 | 23.74 |
| Std. Deviation | 12.10 | 10.62 | 9.41 | 8.64 | 9.81 |
| LSD/sig | 4.66 | ns | ns | ns | ns |
| - | | | | | |

| Culm: length of matu | re culm (cm) | | | | |
|-----------------------|--------------------|--------------------|-----------------|------------------------------|-----------------|
| Mean | 165 80 | 171.20 | 159 70 | 159/10 | 169.80 |
| Std Deviation | 15.78 | 16 65 | 16 3/ | 137. 4 0 23.02 | 17 58 |
| I SD/sig | 10.04 | 10.05 nc | 10.34 nc | 23.72 | 17.50 nc |
| | 10.04 | 115 | 115 | 115 | 115 |
| Culm: number of mat | ture culm nodes | s (excluding pe | duncle and plan | nt base) | |
| Mean | 8.50 | 7.90 | 7.50 | 8.30 | 8.30 |
| Std. Deviation | 1.77 | 1.29 | 1.28 | 2.05 | 1.55 |
| LSD/sig | 0.80 | ns | P≤0.01 | ns | ns |
| Culm: mean stem dia | meter of culm e | excluding pedu | ncle (mm) | | |
| Mean | 3.98 | 4.61 | 4.15 | 3.60 | 4.27 |
| Std. Deviation | 0.45 | 0.56 | 0.43 | 0.49 | 0.52 |
| LSD/sig | 0.24 | P<0.01 | ns | P<0.01 | P<0.01 |
| | | 1_0.01 | 115 | 1_0.01 | 1_0.01 |
| Culm: length of pedu | ncle on floweri | ng culms (mm) |) | | |
| Mean | 315.60 | 351.20 | 351.30 | 328.80 | 320.80 |
| Std. Deviation | 76.13 | 81.70 | 76.79 | 70.88 | 68.77 |
| LSD/sig | 33.30 | P≤0.01 | P≤0.01 | ns | ns |
| Culm: diameter of pe | duncle on flow | ering culms (m | m) | | |
| Mean | 1.42 | 1.67 | 1.48 | 1.37 | 1.48 |
| Std. Deviation | 0.20 | 0.32 | 0.27 | 0.24 | 0.25 |
| LSD/sig | 0.11 | P<0.01 | ns | ns | ns |
| | | | | | |
| Culm: length of flag | leaf sheath on f | lowering culms | s (mm) | 100.00 | 106 70 |
| Mean | 200.67 | 205.83 | 215.45 | 190.38 | 196.70 |
| Std. Deviation | 34.52 | 34.38 | 28.47 | 26.72 | 28.97 |
| LSD/sig | 18.73 | ns | ns | ns | ns |
| Culm: length of blade | e on flag leaf or | n flowering cul | ms (mm) | | |
| Mean | 155.00 | 197.30 | 214.40 | 133.90 | 196.30 |
| Std. Deviation | 68.13 | 74.30 | 76.49 | 58.62 | 82.38 |
| LSD/sig | 37.00 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| Culm: width of blade | on flag leaf on | flowering culr | ns (mm) | | |
| Mean | 6.24 | | 7 51 | 5.82 | 8 72 |
| Std Daviation | 1.61 | 0.10 | 2.20 | 1.50 | 0.72 |
| | 1.01 | 2.20 D<0.01 | 2.29 | 1. <i>33</i> | 2.40 D<0.01 |
| | 1.07 | r <u>></u> 0.01 | r <u>~0.01</u> | 115 | r <u>≤</u> 0.01 |
| Culm: length:width ra | atio of blade on | flag leaf on flo | owering culms | | |
| Mean | 24.79 | 23.93 | 28.97 | 22.98 | 22.65 |
| Std. Deviation | 7.76 | 6.17 | 7.30 | 7.78 | 7.43 |
| LSD/sig | 3.75 | ns | P≤0.01 | ns | ns |
| Culm: length of sheat | th on first leaf h | below flag leaf | on flowering ci | ılms (mm) | |
| Mean | 129.15 | 127.98 | 123.88 | 129.63 | 119.68 |
| Std. Deviation | 17.06 | 16.90 | 16.66 | 19.49 | 20.40 |
| LSD/sig | 7.71 | ns | ns | ns | P<0.01 |
| | | | | | 1_0.01 |
| Culm: length of blade | e on first leaf be | elow flag leaf o | n flowering cu | lms (mm) | 000 00 |
| Mean | 272.20 | 318.50 | 382.80 | 252.30 | 322.90 |
| Std. Deviation | 104.62 | 100.38 | 104.96 | 87.55 | 116.10 |
| LSD/sig | 49.80 | ns | P≤0.01 | ns | P≤0.01 |

| Culm: width of blade | on first leaf be | low flag leaf or | n flowering cul | ms (mm) | |
|---------------------------|-------------------|------------------|-------------------|---------------|---------|
| Mean | 9.80 | 12.18 | 11.96 | 9.18 | 12.09 |
| Std. Deviation | 1.61 | 2.69 | 1.90 | 1.96 | 2.48 |
| LSD/sig | 1.09 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| Culm: length:width ra | atio of blade on | first leaf below | v flag leaf on fl | owering culms | |
| Mean | 27.44 | 25.97 | 32.17 | 27.64 | 26.83 |
| Std. Deviation | 7.77 | 5.58 | 8.06 | 8.21 | 8.44 |
| LSD/sig | 4.03 | ns | P≤0.01 | ns | ns |
| ☑ Inflorescence: total le | ength of raceme | s per infloresce | ence (mm) | | |
| Mean | 2008.20 | 2312.00 | 2014.50 | 1844.00 | 1806.40 |
| Std. Deviation | 515.16 | 585.05 | 549.84 | 529.69 | 413.99 |
| LSD/sig | 227.50 | P≤0.01 | ns | ns | ns |
| ☑ Inflorescence: numbe | er of racemes pe | er inflorescence | • | | |
| Mean | 17.90 | 18.50 | 15.30 | 17.60 | 15.70 |
| Std. Deviation | 3.67 | 4.24 | 3.01 | 4.29 | 3.41 |
| LSD/sig | 1.70 | ns | P≤0.01 | ns | P≤0.01 |
| ☑ Inflorescence: mean l | ength of indivi | dual racemes (1 | nm) | | |
| Mean | 112.51 | 126.19 | 131.40 | 104.35 | 115.91 |
| Std. Deviation | 18.57 | 22.85 | 18.70 | 15.13 | 17.71 |
| LSD/sig | 9.11 | P≤0.01 | P≤0.01 | ns | ns |
| Stolon: width of blad | e on leaf at four | rth node from s | tolon tip (mm) | | |
| Mean | 7.34 | 9.27 | 8.52 | 7.52 | 8.91 |
| Std. Deviation | 1.29 | 2.13 | 1.65 | 1.50 | 2.10 |
| LSD/sig | 0.89 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| | | | | | |

Prior Applications and Sales Nil.

Description: Donald S Loch, Alexandra Hills, QLD & Margaret Zorin, Birkdale, QLD

| Application Number | 2009/140 | | | | | | | |
|--|--|--|--|--|--|--|---|--|
| Variety Name | 'Toro' | | | | | | | |
| Genus Species | Chloris gayana | | | | | | | |
| Common Name | Rhodes Grass | | | | | | | |
| Synonym | | | | | | | | |
| Accepted Date | 13 Jul 2009 | | | | | | | |
| Applicant | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd, Kenmore, OLD | | | | | | | |
| | Premium Seeds Holdings Pty Ltd, Kenmore, QLD | | | | | | | |
| Agent | | | | | | | | |
| Qualified Person | Donald S. Loch | | | | | | | |
| Details of Comparativ | <u>re Trial</u> | | | | | | | |
| Location | Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, | | | | | | | |
| | elevation 50 masl) | | | | | | | |
| Descriptor | Grass (General descriptor for grasses) PBR GRAS | | | | | | | |
| Period | 30 Oct 2008 – 14 May 2009 | | | | | | | |
| Conditions | Seed sown on 30 Oct 2008; seedlings transplanted | | | | | | | |
| | individually into 40 x 40mm tubes (one per tube) on 16 Nov | | | | | | | |
| | 2008. Seedlings planted out on a spaced plant grid (3m x 3m) | | | | | | | |
| | on a red volcanic (krasnozem) soil 7 & 8 Jan 2009; weed | | | | | | | |
| | control by pre-emergence oxadiazon at time of planting plus | | | | | | | |
| inter-row cultivation, manual weeding and dicamba + as required; applied mixed fertiliser (N:P: | | | | | | | | |
| | | | | | | | 15.1:4.4:11.5:13.6) on 21 Jan 2009 to give 101 kg N, 29 kg P, | |
| | 77 kg K, and 91 kg S per hectare; supplementary irrigation | | | | | | | |
| | applied as required to maintain unstressed growth. | | | | | | | |
| Trial Design | Sixty spaced plants of each of five cultivars 'Toro', 'Sabre', | | | | | | | |
| | 'Callide', 'Mariner', 'Samford') arranged in twelve | | | | | | | |
| | randomised blocks (rows) with five plants per plot; 3m | | | | | | | |
| | between blocks (rows) and 3m between plants within blocks. | | | | | | | |
| Measurements | Days to flowering after field planting determined for each | | | | | | | |
| | plant (12 Feb – 27 Apr 2009); diameter of lateral spread | | | | | | | |
| | measured 18 Mar 2009; plant habit and stolon characteristics | | | | | | | |
| | (one stolon sampled per plant) measured 24-26 Mar 2009; | | | | | | | |
| | one reproductive culm per plant sampled to measure stem, | | | | | | | |
| | leaf and inflorescence characteristics (27 Mar - 14 May | | | | | | | |
| | 2009); culm stem diameter calculated by averaging the | | | | | | | |
| | diameters of the second lowest internode and the top | | | | | | | |
| | internode (i.e. below the peduncle). | | | | | | | |
| RHS Chart - edition | 2001 edition | | | | | | | |

Origin and Breeding

Mass phenotypic selection was applied to four successive generations of seedlings derived from 'Callide' Rhodes grass grown between 2001 and 2005. In generation 1, selection was based on plant growth and survival under high salinity, followed by selection for improved agronomic characteristics (late flowering, dense leafy erect growth habit) under non-saline conditions. In each of the subsequent generations (2-4), selection was made progressively in 3 stages based on (1) germination under saline conditions, (2) growth and survival under saline conditions, and (3) improved

agronomic characteristics under non-saline conditions. 'Toro' is a synthetic cultivar derived from the final 13 plants selected from the F4 breeding generation. These 13 plants were vegetatively propagated to establish a balanced polycross block at Walkamin (QLD) with >100 m isolation from other tetraploid Rhodes grass cultivars. Commercial seed of 'Toro' will be produced from the second generation of multiplication past the initial vegetatively-established polycross plot. Breeder: Margaret Zorin (Birkdale, QLD).

<u>Choice of Comparators</u> 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 |
|-------------------------|-------------------|--|
| Ploidy | chromosome number | tetraploid |
| Flower | date of flowering | late/very late (quantitative short-day response) |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|---|
| 'Callide' | Late flowering tetraploid Rhodes grass. |
| 'Samford' | Late flowering tetraploid Rhodes grass. |
| 'Sabre' | Late flowering 'Callide'-type tetraploid Rhodes grass. |
| 'Mariner' | Very late flowering 'Samford'-type tetraploid Rhodes grass. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Express in Candidate Variety | sionState of Express in Comparator Variety | ionComments |
|-----------|-----------------------------------|---|--|--|
| 'Nemkat' | Ploidy chromoson number | netetraploid | diploid | Early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response) |
| 'Nemkat' | Flower date of flowering | very late | early | |
| 'KP4' | Ploidy chromoson number | netetraploid | diploid | Early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response) |
| 'KP4' | Flower date of flowering | very late | early | |
| 'Finecut' | Ploidy chromoson number | netetraploid | diploid | Very early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response) |
| 'Finecut' | Flower date of flowering | very late | very early | |
| 'Topcut' | Ploidy chromoson number | netetraploid | diploid | Very early-flowering diploid 'Pioneer'-type Rhodes grass (day-neutral flowering response) |
| 'Topcut' | Flower date of flowering | very late | very early | |
| 'Gulfcut' | Ploidy chromoson | netetraploid | diploid | Very early-flowering |

| | number | | | diploid 'Katambora'-type Rhodes grass (day-neutral flowering response) |
|-------------|----------------------------|-------------|------------|--|
| 'Gulfcut' | Flower date of flowering | very late | very early | |
| 'Reclaimer' | Ploidy chromosom number | etetraploid | diploid | Very early-flowering diploid 'Katambora'-type Rhodes grass (day-neutral flowering response) |
| 'Reclaimer' | Flower date of flowering | very late | very early | |
| 'Salcut' | Ploidy chromosom number | etetraploid | diploid | Very early-flowering diploid 'Pioneer'-type Rhodes grass (day-neutral flowering response) |
| 'Salcut' | Flower date of flowering | very late | very early | - |

| Organ/Plant Part: Context | | 'Toro' | 'Callide' | 'Mariner' | 'Sabre' | 'Samford' |
|------------------------------|--|----------------------|------------------------|--------------------|----------------------|----------------------|
| | Plant: ploidy | tetraploid | tetraploid | tetraploid | tetraploid | tetraploid |
| | Plant: life-cycle | perennial | perennial | perennial | perennial | perennial |
| □ life- only | Plant: duration of -cycle (perennials y) | long | long | long | long | long |
| | Plant: growth habit | stoloniferous | stoloniferous | stoloniferous | stoloniferous | stoloniferous |
| | Plant: stolons | present | present | present | present | present |
| | Plant: rhizomes | absent | absent | absent | absent | absent |
| | Stolon: nodes | compound | compound | compound | compound | compound |
| □ sub (con | Stolon: number of tending leaves npound nodes only) | two to four | two to four | two to four | two to four | two to four |
| ⊡ braı | Stolon: number of nches | many | few to medium | medium to many | many to very many | medium to many |
| □ inte | Stolon: length of rnode | long to very long | long to very long | long | long | long to very long |
| ⊡ inte | Stolon: width of rnode | broad | broad to very broad | medium to broad | broad | medium |
| □ exp (RH | Stolon: colour where osed to sun (summer) IS colour chart) | 146B | 146B | 146B | 146A | 146A |
| | Stolon: colour where | 183B-C | 183B | 183B-C | 183B | 183B-C |

exposed to sun (winter)

| ~ | Stolon: length of leaf | long to very | long to very | long | long to very | long |
|------------------|---------------------------------------|---|---|---|---|---|
| shea | ath | long | long | C | long | C |
| № blac | Stolon: length of leaf le | long | long to very long | medium | long | medium |
| ⊡ blac | Stolon: width of leaf le | broad | broad to very broad | medium | broad | medium |
| □ leaf | Stolon: hairiness of sheath | absent | absent | absent | absent | absent |
| □ glau | Stolon: leaf blade acosity | absent | absent | absent | absent | absent |
| □ blac | Stolon: shape of leaf le | linear- triangular | linear- triangular | linear- triangular | linear- triangular | linear- triangular |
| □ ape: | Stolon: shape of leaf | narrow acute |
| □ blac | Stolon: hairs on leaf le | absent | absent | absent | absent | absent |
| • | Culm: length | long | long to very long | long | long | long |
| ✓ | Culm: width | broad | broad to very broad | medium | broad | medium |
| ▽ inte | Culm: number of rnodes | many to very many | many to very many | many to very many | many | many to very many |
| C (RH | Culm: leaf colour IS colour chart) | 137B | 137A | 137A(-B) | 137B | 137B(-A) |
| □ surf | Culm: leaf blade | scaberulous | scaberulous | scaberulous | scaberulous | scaberulous |
| □ verr | Culm: leaf blade nation | conduplicate | conduplicate | conduplicate | conduplicate | conduplicate |
| | Culm: blade margin | scabrous | scabrous | scabrous | scabrous | scabrous |
| □ auri | Culm: leaf sheath cle | absent | absent | absent | absent | absent |
| | Culm: ligule | present | present | present | present | present |
| | Culm: ligule structure | fringe of hairs (membrane absent or obscure) |
| | Collar: colour | lighter than leaf sheath |
| | Collar: hairiness | absent | absent | absent | absent | absent |
| | Peduncle: length | long | long to very | long | long to very | long |

| | | | long | | long | |
|------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| • | Peduncle: width | broad | broad to very broad | medium to broad | broad | medium to broad |
| • | Culm: flag leaf length | long | long | medium | very long | short to medium |
| • | Culm: flag leaf width | broad to very broad | broad to very broad | narrow to medium | broad to very broad | narrow to medium |
| | Culm: flag leaf shape | linear- triangular | linear- triangular | linear- triangular | linear- triangular | linear- triangular |
| ⊡ shea | Culm: flag leaf ath length | long | long to very long | long | long to very long | medium to long |
| | Plant: sex expression | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite |
| | Inflorescence: type | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle |
| □ disp | Inflorescence: position of racemes | digitate | digitate | digitate | digitate | digitate |
| □ nun | Inflorescence: aber of racemes | many | many | many | many | many |
| □ ster | Inflorescence: male ility | absent | absent | absent | absent | absent |
| □ ave | Inflorescence: rage number of spikes | more than four | rmore than fou | rmore than fou | rmore than fou | rmore than four |
| | Stigma: colour | white | white | white | white | white |
| | Awns: presence | present | present | present | present | present |
| | Awn: length | long to very long | long to very long | long | long to very long | long |
| ✓ | Culm: leaf sheath gth | long | long to very long | long to very long | long to very long | long to very long |
| □ leaf | Culm: pubescence of sheath | absent | absent | absent | absent | absent |
| ✓ | Culm: leaf blade gth | long | long | medium to long | very long | medium |
| ⊽ wid | Culm: leaf blade th | very broad | broad to very broad | medium to broad | broad to very broad | medium |
| | Culm: leaf shape | linear | linear | linear | linear | linear |
| □ glau | Culm: leaf blade | absent | absent | absent | absent | absent |
| □ ape | Culm: shape of leaf | narrow acute |
| □ pub | Culm: leaf blade escence | absent | absent | absent | absent | absent |
| | Culm: node | absent | absent | absent | absent | absent |

| pubescence | | | | | |
|--------------------------|--------------------------|-------------------------|----------------------|--------------------|------------------|
| Culm: stem | 1 | 1 | 1 | 1 | 1 / |
| pubescence | absent | absent | absent | absent | absent |
| publiscence | | | | | |
| Statistical Table | | | | | |
| Organ/Plant Part: | (1) | | | (C. 1) | (C) (C) 19 |
| Context | · Toro | Cande | 'Mariner' | 'Sabre' | 'Samiora' |
| Diant: maan plant d | liomotor 120 d | ave after cowin | a (am) | | |
| Mean | 357 <i>1</i> 5 | 120 05 | 282 22 | 300 / 8 | 377 07 |
| Std Deviation | 105.61 | 42 <i>7.73</i> 86.62 | 100.63 | 82 34 | 88.97 |
| LSD/sig | 39 74 | P<0.02 | ns | ns | ns |
| | 37.71 | 1_0.01 | 115 | 115 | 115 |
| Plant: growth habit | (0 = prostrate) | spreading, $9 =$ | erect tussock) | 5 0 0 | 1.00 |
| Mean | 5.23 | 4.30 | 5.25 | 5.30 | 4.93 |
| Std. Deviation | 1.48 | 1.39 | 1.37 | 1.08 | 1.77 |
| ✓ Inflorescence: num | ber of raceme | s per infloresce | ence | | |
| Mean | 15.70 | 18.50 | 17.90 | 15.30 | 17.60 |
| Std. Deviation | 3.41 | 4.24 | 3.67 | 3.01 | 4.29 |
| LSD/sig | 1.70 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| Stolon: diameter of | fourth intern | de from stolon | tin (mm) | | |
| Mean | | 5 50 | 1 up (iiiii) 1 33 | 186 | A 1A |
| Std Deviation | 0.89 | 1 18 | 0.58 | 0.69 | 0.66 |
| LSD/sig | 0.34 | P<0.01 | P<0.01 | ns | 0.00 P<0.01 |
| | 0.51 | 1_0.01 | 1_0.01 | 115 | 1_0.01 |
| Stolon: length:dian | neter ratio of f | ourth internode | e from stolon tip |) | |
| Mean | 41.22 | 38.01 | 42.49 | 38.13 | 47.48 |
| Std. Deviation | 9.54 | 8.55 | 8.20 | 9.20 | 10.19 D :0.01 |
| LSD/s1g | 4.25 | ns | ns | ns | P <u>≤</u> 0.01 |
| Stolon: number of s | shoots on four | th internode fro | om stolon tip | | |
| Mean | 5.53 | 3.62 | 5.00 | 6.48 | 5.13 |
| Std. Deviation | 3.34 | 2.12 | 5.13 | 5.89 | 3.38 |
| LSD/sig | 1.82 | P≤0.01 | ns | ns | ns |
| Stolon: length of ou | uter leaf sheat | h on fourth nod | e from stolon ti | n (mm) | |
| Mean | 77 60 | 87 20 | 73 00 | 80.00 | 66.00 |
| Std. Deviation | 24.78 | 30.63 | 26.45 | 19.81 | 21.02 |
| LSD/sig | 10.70 | ns | ns | ns | P<0.01 |
| | | C 41 1 C | | \ | |
| Stolon: length of bl | lade on leaf at 212.60 | Tourth node fro | om stolon tip (m | $\frac{1}{216.00}$ | 167.00 |
| Mean Std Deviation | 213.00 | 233.30 | 1/4.80 | 210.00 | 107.00 |
| Stu. Deviation | 108.22 | 121.82 | 98.14 | 100.43 | 90.20 D<0.01 |
| | 40.10 | 118 | 118 | 118 | P <u>≥</u> 0.01 |
| Stolon: width of bla | ade on leaf at | fourth node fro | m stolon tip (m | m) | |
| Mean | 8.91 | 9.27 | 7.34 | 8.52 | 7.52 |
| Std. Deviation | 2.10 | 2.13 | 1.29 | 1.65 | 1.50 |
| LSD/sig | 0.89 | ns | P≤0.01 | ns | P≤0.01 |
| Culm: length of bla | ade on first lea | f below flag lea | af on flowering | culms (mm) | |
| Mean | 322.90 | 318.50 | 272.20 | 382.80 | 252.30 |
| Std. Deviation | 116.10 | 100.38 | 104.62 | 104.96 | 87.55 |
| | | | | | |

| LSD/sig | 49.80 | ns | P≤0.01 | P≤0.01 | P≤0.01 |
|-----------------------------------|--------------------|-----------------------|-----------------|-----------------------|-----------------|
| Culm: length of matu | re culm (cm) | | | | |
| Mean | 169.80 | 171.20 | 165.80 | 159.70 | 159.40 |
| Std. Deviation | 17.58 | 16.65 | 15.78 | 16.34 | 23.92 |
| LSD/sig | 10.04 | ns | ns | P≤0.01 | P≤0.01 |
| Culm: number of mat | ture culm nodes | s (excluding pe | duncle and play | nt base) | |
| Mean | 8.30 | 7.90 | 8.50 | 7.50 | 8.30 |
| Std. Deviation | 1.55 | 1.29 | 1.77 | 1.28 | 2.05 |
| LSD/sig | 0.80 | ns | ns | P<0.01 | 2.00 ns |
| Culmi maan stam dia | motor of oulm | ns avaluding nadu | nolo (mm) | 1_0.01 | 115 |
| Moon | | A 61 | 2.08 | 1 15 | 3 60 |
| Std Daviation | 4.27 | 4.01 | J.90 0.45 | 4.13 | 0.40 |
| | 0.32 | 0.30 | 0.43 D<0.01 | 0.45 | 0.49 D<0.01 |
| LSD/sig | 0.24 | P <u>≤</u> 0.01 | P <u>≤</u> 0.01 | 118 | P <u>≥</u> 0.01 |
| ^L Culm: length of pedu | ncle on floweri | ing culms (mm) |) | | |
| Mean | 320.80 | 351.20 | 315.60 | 351.30 | 328.80 |
| Std. Deviation | 68.77 | 81.70 | 76.13 | 76.79 | 70.88 |
| LSD/sig | 33.30 | ns | ns | ns | ns |
| Culm: diameter of pe | duncle on flow | ering culms (m | m) | | |
| Mean | 1.48 | 1.67 | 1.42 | 1.48 | 1.37 |
| Std. Deviation | 0.25 | 0.32 | 0.20 | 0.27 | 0.24 |
| LSD/sig | 0.11 | P<0.01 | ns | ns | P<0.01 |
| | | - <u>-</u> | | | |
| Culm: length of flag | leaf sheath on f | lowering culms | s (mm) | 015 45 | 100.20 |
| Mean | 196.70 | 205.85 | 200.67 | 215.45 | 190.38 |
| Std. Deviation | 28.97 | 34.38 | 34.52 | 28.47 | 26.72 |
| LSD/sig | 18.73 | ns | ns | P <u>≤</u> 0.01 | ns |
| Culm: length of blade | e on flag leaf or | n flowering cul | ms (mm) | | |
| Mean | 196.30 | 197.30 | 155.00 | 214.40 | 133.90 |
| Std. Deviation | 82.38 | 74.30 | 68.13 | 76.49 | 58.62 |
| LSD/sig | 37.00 | ns | P≤0.01 | ns | P≤0.01 |
| Culm: width of blade | on flag leaf on | flowering culr | ns (mm) | | |
| Mean | 8 72 | 8 18 | 6 24 | 7 51 | 5 82 |
| Std Deviation | 2.48 | 2.28 | 1.61 | 2.29 | 1 59 |
| LSD/sig | 1.07 | ns | P<0.01 | P<0.01 | P<0.01 |
| | 1.07 | m 1 2 m | 1_0.01 | 1_0.01 | 1_0.01 |
| Culm: length:width r | atio of blade on | flag leaf on flo | owering culms | 2 0.0 7 | aa aa |
| Mean | 22.65 | 23.93 | 24.79 | 28.97 | 22.98 |
| Std. Deviation | 7.43 | 6.17 | 7.76 | 7.30 | 7.78 |
| LSD/sig | 3.75 | ns | ns | P≤0.01 | ns |
| Stolon: length:width | ratio of blade o | n leaf at fourth | node from stol | on tip | |
| Mean | 23.74 | 24.63 | 23.68 | 24.81 | 21.59 |
| Std. Deviation | 9.81 | 10.62 | 12.10 | 9.41 | 8.64 |
| LSD/sig | 4.66 | ns | ns | ns | ns |
| Culm: length of shear | th on first leaf b | below flag leaf | on flowering c | ulms (mm) | |
| Mean | 119.68 | 127.98 | 129.15 | 123.88 | 129.63 |
| Std. Deviation | 20.40 | 16.90 | 17.06 | 16.66 | 19.49 |
| LSD/sig | 7.71 | P<0.01 | P<0.01 | ns | P<0.01 |
| 0 | - | | | | |

| Culm: width of blade | on first leaf be | low flag leaf or | n flowering cul | ms (mm) | |
|---------------------------|------------------|-------------------|------------------|----------------|---------|
| Mean | 12.09 | 12.18 | 9.80 | 11.96 | 9.18 |
| Std. Deviation | 2.48 | 2.69 | 1.61 | 1.90 | 1.96 |
| LSD/sig | 1.09 | ns | P≤0.01 | ns | P≤0.01 |
| Culm: length:width r | atio of blade on | first leaf below | w flag leaf on f | lowering culms | |
| Mean | 26.83 | 25.97 | 27.44 | 32.17 | 27.64 |
| Std. Deviation | 8.44 | 5.58 | 7.77 | 8.06 | 8.21 |
| LSD/sig | 4.03 | ns | ns | P≤0.01 | ns |
| ☑ Inflorescence: total le | ength of raceme | es per infloresce | ence (mm) | | |
| Mean | 1806.40 | 2312.00 | 2008.20 | 2014.50 | 1844.00 |
| Std. Deviation | 413.99 | 585.05 | 515.16 | 549.84 | 529.69 |
| LSD/sig | 227.50 | P≤0.01 | ns | ns | ns |
| □ Stolon: length of four | th internode fro | om stolon tip (r | nm) | | |
| Mean | 197.20 | 207.10 | 182.80 | 182.70 | 194.80 |
| Std. Deviation | 38.76 | 43.85 | 39.09 | 40.99 | 46.01 |
| LSD/sig | 21.70 | ns | ns | ns | ns |
| ☑ Inflorescence: mean | ength of indivi | dual racemes (1 | mm) | | |
| Mean | 115.91 | 87.90 | 93.60 | 76.80 | 87.70 |
| Std. Deviation | 17.71 | 12.71 | 10.73 | 14.48 | 18.98 |
| LSD/sig | 9.11 | P≤0.01 | ns | P≤0.01 | P≤0.01 |
| Flower: days after fie | ld planting to f | irst flowering | | | |
| Mean | 95.70 | 87.90 | 93.60 | 76.80 | 87.70 |
| Std. Deviation | 7.57 | 12.71 | 10.73 | 14.48 | 18.98 |
| LSD/sig | 6.30 | P≤0.01 | ns | P≤0.01 | P≤0.01 |
| | | | | | |

Prior Applications and Sales Nil.

Description: Donald S Loch, Alexandra Hills, QLD & Margaret Zorin, Birkdale, QLD

| Application Number | 2005/096 |
|--------------------|--|
| Variety Name | 'Korhocsel' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 29 Jun 2005 |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Agent | Treloar Roses Pty Ltd, Portland, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| Location | The comparative study was conducted at Portland, VIC | | | | | | | |
|----------------------|--|--|--|--|--|--|--|--|
| | (Latitude 38.15 South, Longitude 141.37 East). | | | | | | | |
| Descriptor | Rose (new) (Rosa) TG/11/8 | | | | | | | |
| Period | Summer – Autumn 2010 | | | | | | | |
| Conditions | The roses were grown in the open in a well structured red | | | | | | | |
| | loamy clay soil. Sound farm management practices ensured | | | | | | | |
| | that the plants grew to their full potential with minimum | | | | | | | |
| | stress and under high health conditions. 'Korhocsel' was | | | | | | | |
| | budded in early summer 2010 onto <i>Rosa multiflora</i> rootstock. | | | | | | | |
| | Examination was made in mid Autumn on one and two year | | | | | | | |
| | old budded plants grown 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 from within the plant | | | | | | | |
| | nonulation | | | | | | | |
| Measurements | This included length and width of the terminal leaflet of the | | | | | | | |
| ivicusui cincints | first five or seven leaflet leaf down from the flower head | | | | | | | |
| | flower sepal length excluding the longest flower diameter | | | | | | | |
| | when fully open | | | | | | | |
| DUS Chart adition | 2007 | | | | | | | |
| KIIS CHAIT - CUITION | 2007 | | | | | | | |

Origin and Breeding

Spontaneous Mutation: found in Korflapei', vegetatively propagated and flowered in a number of growing seasons and has been proven to be stable for its pheonotypic characteristics. Breeder: W. Kordes' Sohne Rosenschulen

<u>Choice of Comparators</u> 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 | shrub |
| Plant | growth habit | intermediate |
| Flower | colour group | red blend |
| Flower | colour | striped yellow-red |
| Flower | colour | striped yellow-red |

| Most S | Similar | · Varieties of Commo | n Knowledge identified (VCK) |
|--------|---------|----------------------|------------------------------|
| Name | | | Comments |
| (T T | ъ | • | |

'Hocus Pocus'

| Variety | Distinguis Characte | shing ristic | State of Expression in Candidate Varie | State of ty Expression in Comparator Variety | Comments |
|-----------|------------------------|-----------------|---|---|----------|
| | Organ/Pl Part | antContext | | | |
| 'Papagayo | Flower | colour | striped yellow-red | striped dark red- yellow | - |

Varieties of Common Knowledge identified above and subsequently excluded

| Org | gan/Plant Part: Context | 'Korhocsel' | 'Hocus Pocus' |
|----------|--|------------------------|------------------------|
| | *Plant: growth type | shrub | shrub |
| Clir | *Plant: growth habit (excluding varieties with growth type nber) | intermediate | intermediate |
| | Plant: height | short to medium | short to medium |
| | Young shoot: anthocyanin colouration | present | present |
| | Young shoot: intensity of anthocyanin colouration | medium | medium |
| ✓ | Stem: number of prickles | few | absent or very few |
| ✓ | Prickles: predominant colour | reddish | |
| ✓ | Leaf: size | medium | large |
| | Leaf: intensity of green colour | dark | medium |
| | Leaf: anthocyanin colouration | absent | absent |
| | *Leaf: glossiness of upper side | absent or very weak | absent or very weak |
| | *Leaflet: undulation of margin | weak | weak |
| | *Terminal leaflet: shape of blade | medium elliptic | medium elliptic |
| | Terminal leaflet: shape of base of blade | obtuse | obtuse |
| | Terminal leaflet: shape of apex of blade | acute | acute |
| | Flowering shoot: flowering laterals | absent | present |
| | Flowering shoot: number of flowering laterals | very few | very few |
| □ wit | Flowering shoot: number of flowers per lateral (varieties h flowering laterals only) | very few | very few |
| | Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| | *Flower: type | double | double |
| | *Flower: number of petals | few to medium | few to medium |
| | *Flower: colour group | red blend | red blend |
| | Flower: colour of the centre | red | red |

| | Flower: density of petals | loose | loose |
|------------|---|------------------------|---------------------------|
| | *Flower: diameter | medium | medium |
| | *Flower: shape | irregularly rounded | irregularly rounded |
| | Flower: profile of upper part | flattened convex | flattened convex |
| | *Flower: profile of lower part | concave | concave |
| | Flower: fragrance | absent or weak | absent or weak |
| | *Sepal: extensions | strong | strong |
| | Petals: reflexing of petals one-by-one | absent | absent |
| | *Petal: shape | obovate | obovate |
| | Petal: incisions | absent or very weak | absent or very weak |
| | Petal: reflexing of margin | medium to strong | medium to strong |
| | Petal: undulation | weak | weak |
| | *Petal: size | medium | medium |
| | *Petal: length | medium | medium |
| | *Petal: width | medium | medium |
| | *Petal: number of colours on inner side | two | two |
| | *Petal: intensity of colour | even | even |
| | *Petal: main colour on the inner side (RHS Colour Chart) | 187A | 187A |
| | *Petal: secondary colour (varieties with two or more ours on inner side of petal only) (RHS Colour Chart) | 12B | 5C |
| □ (var | *Petal: distribution of secondary colour on inner side rieties with two or more colours on inner side of petal) | as segments or stripes | as segments or stripes |
| | *Petal: basal spot on the inner side | absent | absent |
| ✓ | *Petal: main colour on the outer side (RHS Colour Chart) | 60C | 53C |
| | Outer stamen: predominant colour of filament | red | red |
| | Seed vessel: size | medium | medium |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |
| <u>Pri</u> | or Applications and Sales | | |

| Country | Year | Current Status | Name Applied |
|---------|------|-----------------------|--------------|
| Japan | 2003 | Granted | 'Korhocsel' |

First sold in Netherlands, October 2001.

| 2006/102 |
|--|
| 'Kormistiana' |
| Rosa hybrid |
| Rose |
| |
| 21 Jul 2006 |
| W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Treloar Roses Pty Ltd, Portland, VIC |
| Brian Hanger |
| |

Details of Comparative Trial

| Location | The comparative study was conducted at Portland, VIC |
|----------------------------|--|
| | (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (<i>Rosa</i>) TG/11/7 |
| Period | Summer – Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red |
| | loamy clay soil. Sound farm management practices ensured |
| | that the plants grew to their full potential with minimum stress and under high health conditions. 'Kormistiana' was |
| | budded in early summer 2008 onto Rosa multiflora rootstock. |
| | Examination was made in mid Autumn 2010 on one and two |
| | year old budded plants grown 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 from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the |
| | first five or seven leaflet leaf down from the flower head, |
| | flower sepal length excluding the longest, flower diameter |
| | when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'Meitebros' x 'Osiana' in May 1997. Selected plants were buded onto *Rosa canina* rootstock in 1998 and planted in open. In 1999 further selection was made and the seedling trialed until 2001. Commercialisation took place in 2002. Breeder: Kordes' Sohne Rosenschulen GmbH & Co KG.

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

| Context | State of Expression in Group of Varieties |
|--------------------|--|
| growth type | shrub |
| growth habit | moderately spreading |
| Predominant colour | reddish |
| type | double |
| colour group | white or near white |
| Fragrance | absent or very weak |
| | Context growth type growth habit Predominant colour type colour group Fragrance |

Most Similar Varieties of Common Knowledge identified (VCK) Name

Comments

'Tanlarpost'

| Org | gan/Plant Part: Context | 'Kormistiana' | 'Tanlarpost' |
|-----------|--|------------------------|----------------------|
| | *Plant: growth type | shrub | shrub |
| □ clin | *Plant: growth habit (excluding varieties with growth type nber) | moderately spreading | moderately spreading |
| | Plant: height | medium to tall | medium to tall |
| | Young shoot: anthocyanin colouration | present | present |
| ✓ | Young shoot: intensity of anthocyanin colouration | strong | medium |
| | Stem: number of prickles | medium | medium to many |
| | Prickles: predominant colour | reddish | reddish |
| | Leaf: size | large | medium |
| | Leaf: intensity of green colour | medium to dark | dark |
| | Leaf: anthocyanin colouration | absent | absent |
| | *Leaf: glossiness of upper side | weak | very weak to weak |
| | *Leaflet: undulation of margin | weak | weak |
| | *Terminal leaflet: shape of blade | ovate | ovate |
| ✓ | Terminal leaflet: shape of base of blade | rounded | obtuse |
| | Terminal leaflet: shape of apex of blade | acute | acute |
| | Flowering shoot: flowering laterals | present | present |
| | Flowering shoot: number of flowering laterals | few | very few |
| | Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| | *Flower: type | double | double |
| ✓ | *Flower: number of petals | medium to many | few to medium |
| | *Flower: colour group | white or near white | white or near white |
| | Flower: density of petals | medium to dense | loose |
| | *Flower: diameter | medium | medium to large |
| • | *Flower: shape | irregularly rounded | star-shaped |
| | Flower: profile of upper part | flat | flat |
| | *Flower: profile of lower part | flattened convex | flattened convex |
| | Flower: fragrance | absent or weak | absent or weak |
| | *Sepal: extensions | weak | weak to medium |

| | Petals: reflexing of petals one-by-one | absent | present |
|--------|--|------------------------|------------------------|
| | *Petal: shape | obovate | obovate |
| | Petal: incisions | absent or very weak | absent or very weak |
| ~ | Petal: reflexing of margin | weak | medium |
| \Box | Petal: undulation | weak | weak |
| | *Petal: size | medium | large |
| ✓ | *Petal: length | medium | long |
| | *Petal: width | medium | broad |
| | *Petal: number of colours on inner side | one | one |
| | *Petal: intensity of colour | even | even |
| | *Petal: main colour on the inner side (RHS Colour Chart) | 155A | 155A |
| ✓ | *Petal: basal spot on the inner side | absent | present |
| | *Petal: main colour on the outer side (RHS Colour Chart) | 155A | 155A |
| | Outer stamen: predominant colour of filament | medium yellow | medium yellow |
| \Box | Seed vessel: size | small | medium |
| ✓ | Hip: shape in longitudinal section | funnel-shaped | pitcher-shaped |

Prior Applications and Sales Nil.

First sold Germany July 2002.

| 2006/060 |
|--|
| 'Ausdisco' |
| Rosa hybrid |
| Rose |
| |
| 29 Apr 2006 |
| David Austin Roses Ltd |
| Siebler Publishing Services, Hartwell, VIC |
| Brian Hanger |
| |

Details of Comparative Trial

| Location | Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
|----------------------------|---|
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | Summer – Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Ausdisco' was budded in early summer 2008 onto <i>Rosa multiflora</i> rootstock. |
| | Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: unnamed seedling x unnamed seedling in 1996. Best seedling selected in 1997 and rooted onto Lax root-stock. In 2001 the budwood was sent to Australia for further propagation and trials. The variety was closely observed for 8 years and it has consistently maintained in the present form. There was no occurrence of any offtypes. Breeder: David Austin Roses, Albrighton, England.

| Choice of Comparators | Characteristics [•] | used for gro | ouping varie | eties to ider | ntify the most | similar |
|------------------------|------------------------------|--------------|--------------|---------------|----------------|---------|
| Variety of Common Know | vledge | | | | | |

| Organ/Plant Part | Context | State of Expression in Group of Varieties | |
|---|-------------------|---|--|
| Plant | growth type | Shrub | |
| Plant | growth habit | Upright | |
| Prickles | predominant colur | Purplish | |
| Flower | type | semi-double | |
| Flower | colour group | Pink | |
| Most Similar Varieties of Common Knowledge identified (VCK) | | | |
| Name | Comments | 5 | |
| 'Aushunter' | | | |

| mo. | re of the comparators are marked with a tick. | | |
|-----------|--|------------------------|------------------------|
| Org | gan/Plant Part: Context | 'Ausdisco' | 'Aushunter' |
| | *Plant: growth type | shrub | shrub |
| clin | *Plant: growth habit (excluding varieties with growth type nber) | upright | upright |
| | Plant: height | tall | short |
| | Young shoot: anthocyanin colouration | present | present |
| | Young shoot: intensity of anthocyanin colouration | weak | weak |
| | Stem: number of prickles | medium | medium |
| | Prickles: predominant colour | purplish | purplish |
| | Leaf: intensity of green colour | medium | medium |
| | Leaf: anthocyanin colouration | absent | absent |
| | *Leaf: glossiness of upper side | weak | weak |
| • | *Leaflet: undulation of margin | absent or very weak | medium |
| ✓ | *Terminal leaflet: shape of blade | medium elliptic | narrow elliptic |
| ✓ | Terminal leaflet: shape of base of blade | obtuse | acute |
| | Terminal leaflet: shape of apex of blade | acute | acute |
| | Flowering shoot: flowering laterals | present | present |
| | Flowering shoot: number of flowering laterals | medium | medium |
| □ flov | Flowering shoot: number of flowers (varieties with no vering laterals only) | few | Few |
| □ witl | Flowering shoot: number of flowers per lateral (varieties n flowering laterals only) | few | Few |
| | Flower bud: shape in longitudinal section | broad ovate | broad ovate |
| | *Flower: type | semi-double | semi-double |
| | *Flower: number of petals | medium to many | many |
| | *Flower: colour group | pink | Pink |
| | Flower: colour of the centre | pink | Pink |
| ✓ | Flower: density of petals | loose | medium |
| | *Flower: diameter | medium to large | large |
| | *Flower: shape | irregularly rounded | irregularly rounded |
| | Flower: profile of upper part | flattened convex | flattened convex |
| | *Flower: profile of lower part | concave | concave |

| ✓ | Flower: fragrance | absent or weak | medium |
|--------|--|------------------------|------------------------|
| • | *Sepal: extensions | weak | absent or very weak |
| | Petals: reflexing of petals one-by-one | absent | absent |
| | *Petal: shape | obovate | obovate |
| | Petal: incisions | absent or very weak | absent or very weak |
| | Petal: reflexing of margin | medium | medium |
| | Petal: undulation | very weak to weak | very weak to weak |
| | *Petal: size | medium | medium to large |
| | *Petal: length | medium | medium |
| | *Petal: width | medium to broad | medium to broad |
| \Box | *Petal: number of colours on inner side | one | One |
| | *Petal: intensity of colour | even | Even |
| ✓ | *Petal: main colour on the inner side (RHS Colour Chart) | 52D | 68C |
| | *Petal: basal spot on the inner side | present | present |
| | *Petal: size of basal spot on inner side | medium | medium |
| | *Petal: colour of basal spot on inner side | medium yellow | medium yellow |
| ✓ | *Petal: main colour on the outer side (RHS Colour Chart) | 37C | 68D |
| ~ | Outer stamen: predominant colour of filament | pink | medium yellow |
| | Seed vessel: size | medium | medium |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |
| | | | |

Prior Applications and SalesCountryYear

New Zealand 2006 **Current Status** Withdrawn

Name Applied 'Ausdisco'

| 106/099 |
|---|
| Corfirgo' |
| osa hybrid |
| ose |
| |
| Jul 2006 |
| . Kordes' Sohne Rosenschulen GmbH & Co KG |
| eloar Roses Pty Ltd, Portland, VIC |
| ian Hanger |
| |

Details of Comparative Trial

| Location | The comparative study was conducted at Portland, VIC | | | |
|----------------------------|--|--|--|--|
| | (Latitude 38.15 South, Longitude 141.37 East). | | | |
| Descriptor | Rose (<i>Rosa</i>) TG/11/7 | | | |
| Period | Summer – Autumn 2010 | | | |
| Conditions | The roses were grown in the open in a well structured re | | | |
| | loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum | | | |
| | budded in early summer onto <i>Rosa multiflora</i> rootstock. | | | |
| | Examination was made in mid Autumn 2010 on one and two year old budded plants grown 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 from within the plant population. | | | |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. | | | |
| RHS Chart - edition | 2007 | | | |

Origin and Breeding

Controlled pollination: 'Unnamed seedling' x 'KO 88143-01' in May 1996. First selection was made in May 1997. In July 1997, budded onto *Rosa canina* rootstock and planted in open. In 1998 second cycle of selection was made and the seedling tested until 2001. Introduction and first sale took place in 2002. Breeder: W. Kordes' Sohne Rosenschulen

<u>Choice of Comparators</u> 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 | Shrub |
| Plant | growth habit` | Upright |
| Plant | height | medium to tall |
| Flower | colour group | Yellow |
| Flower | fragrance | Weak |
| Flower | sepal extensions | Strong |
| | | |

Most Similar Varieties of Common Knowledge identified (VCK) Name

Comments

'Korflapie'

| Org | gan/Plant Part: Context | 'Korfirgo' | 'Korflapie' |
|-----------|---|--------------------|--------------------|
| | *Plant: growth type | shrub | shrub |
| □ clin | *Plant: growth habit (excluding varieties with growth type iber) | upright | upright |
| | Plant: height | medium to tall | medium to tall |
| | Young shoot: anthocyanin colouration | present | present |
| | Young shoot: intensity of anthocyanin colouration | medium to strong | medium to strong |
| | Stem: number of prickles | absent or very few | absent or very few |
| | Leaf: size | large | medium to large |
| | Leaf: intensity of green colour | dark | dark |
| | Leaf: anthocyanin colouration | absent | present |
| | *Leaf: glossiness of upper side | weak | weak |
| | *Leaflet: undulation of margin | weak to medium | weak |
| | *Terminal leaflet: shape of blade | medium elliptic | medium elliptic |
| ✓ | Terminal leaflet: shape of base of blade | rounded | obtuse |
| | Terminal leaflet: shape of apex of blade | acute | acute |
| | Flowering shoot: flowering laterals | absent | absent |
| | Flowering shoot: number of flowering laterals | very few | very few |
| □ flov | Flowering shoot: number of flowers (varieties with no vering laterals only) | very few | very few |
| | Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| | *Flower: type | double | double |
| | *Flower: number of petals | medium | medium |
| | *Flower: colour group | yellow | yellow |
| | Flower: colour of the centre | yellow | yellow |
| | Flower: density of petals | loose | loose |
| | *Flower: diameter | medium to large | medium to large |
| | *Flower: shape | star-shaped | star-shaped |
| • | Flower: profile of upper part | flattened convex | convex |
| ✓ | *Flower: profile of lower part | flat | concave |
| | Flower: fragrance | absent or weak | absent or weak |

| | *Sepal: extensions | strong | strong |
|--------|--|------------------------|------------------------|
| | Petals: reflexing of petals one-by-one | absent | absent |
| ✓ | *Petal: shape | rounded | obovate |
| | Petal: incisions | absent or very weak | absent or very weak |
| | Petal: reflexing of margin | medium to strong | strong |
| | Petal: undulation | absent or very weak | absent or very weak |
| | *Petal: size | large | medium to large |
| | *Petal: length | long | medium to long |
| | *Petal: width | broad | medium to broad |
| | *Petal: number of colours on inner side | one | one |
| | *Petal: intensity of colour | even | even |
| | *Petal: main colour on the inner side (RHS Colour Chart) | 12A | 12B |
| \Box | *Petal: basal spot on the inner side | absent | absent |
| | *Petal: main colour on the outer side (RHS Colour Chart) | 13B | 13C |
| \Box | Outer stamen: predominant colour of filament | medium yellow | medium yellow |
| | Seed vessel: size | medium | small |
| | Hip: shape in longitudinal section | funnel-shaped | funnel-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|--------------|------|-----------------------|--------------|
| Colombia | 2003 | Granted | 'Korfirgo' |
| Ecuador | 2003 | Applied | 'Korfirgo' |
| South Africa | 2002 | Granted | 'Korfirgo' |

First sold in Germany June 2002.

| Application Number | 2009/034 |
|--------------------|--|
| Variety Name | 'AUSVOLUME' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 03 Jul 2009 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |
| | - |

Details of Comparative Trial

| Location | The comparative study was conducted at Portland, VIC |
|----------------------------|---|
| | (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | |
| Period | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Conditions | The roses were grown in the open in a well structured red |
| | loamy clay soil. Sound farm management practices ensured |
| | that the plants grew to their full potential with minimum |
| | stress and under high health conditions. 'Ausvolume' was |
| | budded in early summer onto Rosa multiflora rootstock. |
| | Examination was made in mid Autumn 2010 on one and two |
| | year old budded plants grown in double rows along with other |
| | varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum |
| - | of ten plants selected at random from within the plant |
| | population. |
| Measurements | This included length and width of the terminal leaflet of the |
| | first five or seven leaflet leaf down from the flower head, |
| | flower sepal length excluding the longest, flower diameter |
| | when fully open. Observations and measurements were taken |
| | from a minimum of ten plants selected at random from within |
| | the plant population. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1998. In July 1999 best of the progenies was chosen for further trial and development and grafted onto Lax root-stock outdoors. In 2000-2005 the variety was increased and introduced and commercialised in UK in 2006. Breeder: David Austin, UK.

| variety of Common Knowledge | | | | | |
|-----------------------------|---|--|--|--|--|
| Context | State of Expression in Group of Varieties | | | | |
| growth type | shrub | | | | |
| growth habit | moderately spreading | | | | |
| fragrance | strong | | | | |
| number | medium | | | | |
| Size | large to very large | | | | |
| | Context growth type growth habit fragrance number Size | | | | |

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

Most Similar Varieties of Common Knowledge identified (VCK)NameComments

'Ausway'

Varieties of Common Knowledge identified and subsequently excluded

| Variety Distingu | | ing | State of Expression in State of Expression | |
|------------------|-------------|--------------|--|---------------------------|
| | Characteris | stics | Candidate Variety | Comparator Variety |
| 'Auscent' | Plant | growth habit | moderately spreading | taller and broader |
| 'Auscent' | Prickle | number | medium | few |
| 'Auscent' | Flower | size | Large | medium |
| 'Auscent' | Flower | fragrance | Strong | light |

| Org | gan/Plant Part: Context | 'AUSVOLUME' | 'Ausway' |
|-----------|---|----------------------|------------------------|
| | *Plant: growth type | shrub | shrub |
| □ clin | *Plant: growth habit (excluding varieties with growth type nber) | moderately spreading | moderately spreading |
| | Plant: height | medium | medium |
| | Young shoot: anthocyanin colouration | present | present |
| ✓ | Young shoot: intensity of anthocyanin colouration | weak | medium |
| | Stem: number of prickles | medium | few to medium |
| | Prickles: predominant colour | reddish | reddish |
| | Leaf: size | medium to large | medium |
| | Leaf: intensity of green colour | medium to dark | dark |
| | Leaf: anthocyanin colouration | absent | absent |
| | *Leaf: glossiness of upper side | weak | very weak to weak |
| | *Leaflet: undulation of margin | weak | weak |
| ~ | *Terminal leaflet: shape of blade | circular | ovate |
| ~ | Terminal leaflet: shape of base of blade | rounded | obtuse |
| ✓ | Terminal leaflet: shape of apex of blade | acuminate | acute |
| | Flowering shoot: flowering laterals | present | |
| | Flowering shoot: number of flowering laterals | few | very few |
| □ witl | Flowering shoot: number of flowers per lateral (varieties n flowering laterals only | few | very few |
| | Flower bud: shape in longitudinal section | broad ovate | broad ovate |
| | *Flower: type | double | double |
| | *Flower: number of petals | very many | very many |
| | *Flower: colour group | pink | pink |
| | Flower: colour of the centre | pink | pink |
| ~ | Flower: density of petals | very dense | dense |
| | *Flower: diameter | large to very large | large |
| | *Flower: shape | round | irregularly rounded |
| | Flower: profile of upper part | flat | flattened convex |
| | *Flower: profile of lower part | concave | concave |
| | Flower: fragrance | strong | strong |

| | *Sepal: extensions | weak | weak |
|---|--|------------------------|------------------------|
| | Petals: reflexing of petals one-by-one | absent | absent |
| | *Petal: shape | obovate | obovate |
| | Petal: incisions | absent or very weak | absent or very weak |
| | Petal: reflexing of margin | absent or very weak | absent or very weak |
| | Petal: undulation | absent or very weak | weak |
| | *Petal: size | medium to large | medium |
| | *Petal: length | medium to long | medium |
| | *Petal: width | medium to broad | medium |
| | *Petal: number of colours on inner side | one | one |
| | *Petal: intensity of colour | even | even |
| ✓ | *Petal: main colour on the inner side (RHS Colour Chart) | 61B | N74B with red specks |
| | *Petal: basal spot on the inner side | present | present |
| | *Petal: size of basal spot on inner side | small to medium | small |
| • | *Petal: colour of basal spot on inner side | medium yellow | light yellow |
| • | *Petal: main colour on the outer side (RHS Colour Chart) | 54A | N74D |
| | Outer stamen: predominant colour of filament | medium yellow | medium yellow |
| | Seed vessel: size | large | large |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Year | Current Status | Name Applied |
|------|--------------------------------------|--|
| 2006 | Granted | 'AUSVOLUME' |
| 2007 | Applied | 'AUSVOLUME' |
| 2006 | Granted | 'AUSVOLUME' |
| 2006 | Granted | 'AUSVOLUME' |
| | Year 2006 2007 2006 2006 | YearCurrent Status2006Granted2007Applied2006Granted2006Granted |

First sold in UK May 2006

| Application Number | 2009/032 |
|--------------------|--|
| Variety Name | 'KORTUFEE' |
| Genus Species | Rosa hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 04 Sep 2009 |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Agent | Treloar Roses Pty Ltd, Portland, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| Location | The comparative study was conducted at Portland, VIC |
|----------------------------|---|
| | (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (Rosa) TG/11/8 |
| Period | The roses were grown in the open in a well structured red |
| | loamy clay soil. Sound farm management practices ensured |
| | that the plants grew to their full potential with minimum |
| | stress and under high health conditions. 'Kortufee' was |
| | budded in early summer 2008 onto Rosa multiflora |
| | rootstock. Examination was made in mid Autumn 2010 on |
| | one and two year old budded plants grown in double rows |
| | along with other varieties of Kordes roses. |
| Conditions | Observations and measurements were taken from a |
| | minimum of ten plants selected at random from within the |
| | plant population. |
| Trial Design | This included length and width of the terminal leaflet of the |
| | first five or seven leaflet leaf down from the flower head, |
| | flower sepal length excluding the longest, flower diameter |
| | when fully open, |
| Measurements | |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'The Fairy' x 'unnamed seedling' in 1995. First selections were made in May 1996 budded onto *Rosa canina* rootstocks and planted in open. In 1997 second cycle of selections was made. Tested until 2004. Commercialisation and sales took place in Spring 2005. Breeder: W. Kordes' Sohne Rosenschulen.

<u>Choice of Comparators</u> 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 | miniature |
| Plant | height | very short |
| Leaf | size | small |
| Petal | colour of inner basal spot | whitel |

| Most Similar varietie | <u>s of Common</u> | I KIIOwieug | | <u>)</u> | |
|-----------------------|--------------------|-----------------------|-----------------|----------------|----------|
| Name | | | | Comments | |
| 'The Fairy' | | | | | |
| Varieties of Common | Knowledge i | dentified ab | ove and subsequ | ently excluded | |
| Variety | Distinguishi | ing | State of | State of | Comments |
| · | Characteris | stic | Expression in | Expression in | |
| | | | Candidate | Comparator | |
| | | | Variety | Variety | |
| | Organ/Plan | tContext | | | |
| | Part | | | | |
| 'Tanfulltax' | Leaf | size | small | medium | |
| | | | | | |
| 'Tanfulltax' | petal | colour of | white | yellow green | |
| 'Tanfulltax' | petal | colour of inner basal | white | yellow green | |

| Org | gan/Plant Part: Context | 'KORTUFEE' | 'The Fairy' |
|------------------|--|----------------------|---------------------|
| | *Plant: growth type | miniature | miniature |
| ⊽ clin | *Plant: growth habit (excluding varieties with growth type nber) | upright | intermediate |
| \Box | Plant: height | very short | very short |
| | Young shoot: anthocyanin colouration | absent | present |
| | Stem: number of prickles | medium | medium |
| | Prickles: predominant colour | reddish | reddish |
| | Leaf: size | very small | very small to small |
| | Leaf: intensity of green colour | medium to dark | medium to dark |
| | Leaf: anthocyanin colouration | absent | absent |
| | *Leaf: glossiness of upper side | medium | weak to medium |
| \Box | *Leaflet: undulation of margin | weak | weak |
| ✓ | *Terminal leaflet: shape of blade | ovate | narrow elliptic |
| ✓ | Terminal leaflet: shape of base of blade | rounded | acute |
| | Terminal leaflet: shape of apex of blade | acute | acute |
| | Flowering shoot: flowering laterals | present | absent |
| | Flowering shoot: number of flowering laterals | medium to many | |
| □ flov | Flowering shoot: number of flowers (varieties with no vering laterals only) | many to very many | very many |
| □ witl | Flowering shoot: number of flowers per lateral (varieties n flowering laterals only) | many | |

| ✓ | Flower bud: shape in longitudinal section | broad ovate | medium ovate |
|---|--|------------------------|------------------------|
| | *Flower: type | double | semi-double |
| ✓ | *Flower: number of petals | many | medium |
| | *Flower: colour group | pink | pink |
| | Flower: colour of the centre | pink | pink |
| ✓ | Flower: density of petals | dense | medium |
| | *Flower: diameter | very small | very small |
| | *Flower: shape | irregularly rounded | irregularly rounded |
| | Flower: profile of upper part | flat | flat |
| | *Flower: profile of lower part | convex | convex |
| | Flower: fragrance | absent or weak | absent or weak |
| | *Sepal: extensions | absent or very weak | absent or very weak |
| | Petals: reflexing of petals one-by-one | absent | absent |
| | *Petal: shape | obcordate | obcordate |
| | Petal: incisions | weak | weak |
| | Petal: reflexing of margin | weak | weak |
| | Petal: undulation | absent or very weak | absent or very weak |
| | *Petal: size | very small | very small |
| | *Petal: length | very short | very short |
| | *Petal: width | very narrow | very narrow |
| | *Petal: number of colours on inner side | one | one |
| | *Petal: intensity of colour | even | even |
| • | *Petal: main colour on the inner side (RHS Colour Chart) | N57B | 73C |
| | *Petal: basal spot on the inner side | present | present |
| | *Petal: size of basal spot on inner side | small to medium | small to medium |
| | *Petal: colour of basal spot on inner side | white | white |
| ✓ | *Petal: main colour on the outer side (RHS Colour Chart) | N57B | 73C |
| | Outer stamen: predominant colour of filament | medium yellow | medium yellow |
| | Seed vessel: size | very small | very small |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|-------------|------|-----------------------|--------------|
| Switzerland | 2006 | Granted | 'KORTUFEE' |

| Germany | 2004 | Granted | 'KORTUFEE' |
|---------|------|---------|------------|
| EU | 2004 | Granted | 'KORTUFEE' |
| USA | 2005 | Granted | 'KORTUFEE' |

First sold in Germany March 2005

| Application Number | 2009/033 |
|------------------------------|---|
| Variety Name | 'AUSRELATE' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 03 Jul 2009 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |
| | |
| <u>Details of Comparativ</u> | <u>ve Trial</u> |
| Location | The comparative study was conducted at Portland, VIC |
| | (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (Rosa) |
| Period | |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Ausrelate' was budded in early summer onto <i>Rosa multiflora</i> rootstock. |
| | Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1998. The 8 chosen best were grafted onto Lax root-stock outdoors in July 1999. In 2000, the variety was selected and increasingly multiplied upto 2005. Commercial introduction and sales took place in UK in 2006. Breeder, David Austin, UK.

<u>Choice of Comparators</u> 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 | shrub |
| Plant | growth habit | intermediate |
| Plant | colour of new shoot | weak |
| Plant | prickles | few to medium |

| Most Similar | Varieties of Common Knowledge identified (VCK) |
|--------------|--|
| Name | Comments |

'Aushomer'

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishin | g Characteristics | State of Expression in | State of Expression in |
|------------|---------------|---------------------|------------------------|---------------------------|
| | | | Candidate Variety | Comparator Variety |
| 'Ausquest' | Petal | colour of new shoot | weak olive green | Reddish brown |
| 'Auslevel' | Prickles | Number | few to medium | many |

| Organ/Plant Part: Context | | 'AUSRELATE' | 'Aushomer' |
|---------------------------|--|---------------------|----------------------|
| | *Plant: growth type | shrub | shrub |
| Clin | *Plant: growth habit (excluding varieties with growth type aber) | intermediate | intermediate |
| | Plant: height | medium | medium |
| | Young shoot: anthocyanin colouration | present | present |
| | Young shoot: intensity of anthocyanin colouration | weak | weak |
| | Stem: number of prickles | medium | very few to few |
| | Prickles: predominant colour | reddish | reddish |
| | Leaf: size | medium | medium to large |
| \Box | Leaf: intensity of green colour | dark | dark |
| | Leaf: anthocyanin colouration | absent | absent |
| | *Leaf: glossiness of upper side | weak | weak |
| | *Leaflet: undulation of margin | weak | very weak to weak |
| | *Terminal leaflet: shape of blade | ovate | ovate |
| | Terminal leaflet: shape of base of blade | cordate | cordate |
| | Terminal leaflet: shape of apex of blade | acute | acute |
| | Flowering shoot: flowering laterals | present | present |
| | Flowering shoot: number of flowering laterals | few | few to medium |
| □ witl | Flowering shoot: number of flowers per lateral (varieties n flowering laterals only) | few | few to medium |
| | Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| | *Flower: type | double | double |
| | *Flower: colour group | white or near white | white or near white |
| | Flower: colour of the centre | yellow | yellow |
| | Flower: density of petals | medium | medium |
| | *Flower: diameter | medium to large | medium to large |
| | *Flower: shape | irregularly | irregularly |

| | | rounded | rounded |
|---|--|------------------------|------------------------|
| | Flower: profile of upper part | flat | flat |
| | *Flower: profile of lower part | flat | flat |
| • | Flower: fragrance | absent or weak | strong |
| | *Sepal: extensions | absent or very weak | absent or very weak |
| | Petals: reflexing of petals one-by-one | absent | absent |
| ✓ | *Petal: shape | obcordate | rounded |
| | Petal: incisions | very weak to weak | very weak to weak |
| | Petal: reflexing of margin | weak | weak |
| | Petal: undulation | weak | weak |
| | *Petal: size | small to medium | small to medium |
| | *Petal: length | short to medium | short to medium |
| | *Petal: width | medium | medium |
| | *Petal: number of colours on inner side | one | one |
| | *Petal: intensity of colour | even | even |
| | *Petal: main colour on the inner side (RHS Colour Chart) | 155B | 155B |
| | *Petal: basal spot on the inner side | absent | present |
| | *Petal: main colour on the outer side (RHS Colour Chart) | 155B | 155B |
| | Outer stamen: predominant colour of filament | medium yellow | light yellow |
| | Seed vessel: size | medium | medium |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---------|------|-----------------------|--------------|
| UK | 2007 | Granted | 'AUSRELATE' |
| Japan | 2007 | Applied | 'AUSRELATE' |
| EU | 2006 | Granted | 'AUSRELATE' |
| USA | 2006 | Granted | 'AUSRELATE' |

First sold in UK in May 2006.
| Details of Application | |
|------------------------------|---|
| Application Number | 2009/035 |
| Variety Name | 'AUSRIMINI' |
| Genus Species | Rosa hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 03 Jul 2009 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |
| Details of Comparativ | e Trial |
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (Rosa) |
| Period | |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Ausrimini' was budded in early summer onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1998. In July 1999 best of the progenies was chosen for further trial and development and grafted onto Lax root-stock outdoors. In 2000-2005 the variety was increased and introduced and commercialised in UK in 2006. Breeder: David Austin, UK.

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------|---|
| Plant | growth type | shrub |
| Plant | height | medium |
| Flower | fragrance | medium to strong |

| Most Similar | Varieties of Common Knowledge identified (VCK) |
|--------------|--|
| Name | Comments |

'Ausmak'

| va | rieties of Co | ommon Kn | owledge identified and | <u>d subsequent</u> | tly excluded | | |
|-----------|-----------------------------|------------------------------|---------------------------------|---------------------|-----------------|-------------|------------------------|
| Va | riety | Distingui | shing Characteristics | State of E | xpression in | State | e of Expression in |
| 'Ar | isorah' | Plant | height | medium | e Variety | Com tall | iparator Variety |
| 'At | isgrab' | Flower | Fragrance | Strong | | medi | ium |
| Va | riety Descri | iption and l | Distinctness - Charact | teristics whic | h distinguish | the | candidate from o |
| mo Org | re of the co pan/Plant P | mparators Part: Conte | are marked with a tic | 2 K. | 'AUSRIMI | NI' | 'Ausmak' |
| | *Plant: gro | wth type | | | shrub | | shrub |
| • | *Plant: gro | with habit (e | excluding varieties with | growth type | • • • | | • • • • . |
| clin | nber) | will haon (C | excluding varieties with | i giowili type | upright | | semi upright |
| | Plant: heig | ht | | | medium | | medium |
| | Young sho | ot: anthocya | anin colouration | | present | | present |
| | Young sho | ot: intensity | of anthocyanin colour | ation | medium | | medium |
| | Stem: num | ber of prick | les | | medium | | medium |
| | Prickles: p | redominant | colour | | reddish | | reddish |
| | Leaf: size | | | | medium | | medium to large |
| | Leaf: inten | sity of gree | n colour | | medium to d | ark | dark |
| | Leaf: antho | ocyanin colo | ouration | | absent | | absent |
| | *Leaf: glos | ssiness of up | oper side | | weak | | absent or very weak |
| | *Leaflet: u | ndulation of | f margin | | weak | | absent or very weak |
| ✓ | *Terminal | leaflet: shap | pe of blade | | ovate | | medium elliptic |
| ✓ | Terminal le | eaflet: shape | e of base of blade | | cordate | | obtuse |
| ✓ | Terminal le | eaflet: shape | e of apex of blade | | acuminate | | acute |
| | Flowering | shoot: flowe | ering laterals | | present | | present |
| | Flowering | shoot: numl | per of flowering lateral | S | few | | very few to few |
| □ wit | Flowering h flowering | shoot: numl laterals only | per of flowers per latera y) | al (varieties | few | | very few |
| ✓ | Flower buc | l: shape in l | ongitudinal section | | medium ova | te | broad ovate |
| | *Flower: tv | ype | 0 | | double | | double |
| | *Flower: n | umber of pe | etals | | many | | many |
| • | *Flower: c | olour group | | | orange blend | l | pink |
| • | Flower: co | lour of the c | centre | | orange | | pink |
| | Flower: de | nsity of pet | als | | dense | | dense |
| | *Flower: d | iameter | | | medium to la | arge | large |

| | *Flower: shape | irregularly rounded | irregularly rounded |
|---|--|------------------------|------------------------|
| | Flower: profile of upper part | flattened convex | flattened convex |
| | *Flower: profile of lower part | flat | flat |
| ✓ | Flower: fragrance | strong | medium |
| | *Sepal: extensions | weak to medium | weak |
| | Petals: reflexing of petals one-by-one | absent | absent |
| | *Petal: shape | obcordate | obcordate |
| | Petal: incisions | weak | weak |
| | Petal: reflexing of margin | weak | weak to medium |
| | Petal: undulation | absent or very weak | absent or very weak |
| | *Petal: size | small to medium | medium |
| • | *Petal: length | short to medium | medium to long |
| | *Petal: width | narrow to mediun | nmedium to broad |
| | *Petal: number of colours on inner side | one | one |
| | *Petal: intensity of colour | even | even |
| ✓ | *Petal: main colour on the inner side (RHS Colour Chart) | 38D | 69B-C |
| ✓ | *Petal: basal spot on the inner side | present | absent |
| | *Petal: size of basal spot on inner side | very small | |
| | *Petal: colour of basal spot on inner side | light yellow | |
| ✓ | *Petal: main colour on the outer side (RHS Colour Chart) | 49C | N155B |
| ✓ | Outer stamen: predominant colour of filament | medium yellow | light yellow |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

| Year | Current Status | Name Applied |
|------|--|---|
| 2006 | Applied | 'AUSRIMINI' |
| 2007 | Granted | 'AUSRIMINI' |
| 2007 | Applied | 'AUSRIMINI' |
| 2006 | Granted | 'AUSRIMINI' |
| 2006 | Granted | 'AUSRIMINI' |
| | Year 2006 2007 2007 2006 2006 | YearCurrent Status2006Applied2007Granted2007Applied2006Granted2006Granted |

First sold in UK May 2006

| Application Number | 2008/098 |
|------------------------------|---|
| Variety Name | 'AUSROVER' |
| Genus Species | Rosa hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 06 May 2008 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |
| Details of Comparativ | e Trial |
| Location | The comparative study was conducted at Portland, VIC |
| | (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | |
| Conditions | The roses were grown in the open in a well structured red |
| | loamy clay soil. Sound farm management practices ensured |
| | that the plants grew to their full potential with minimum |
| | stress and under high health conditions. 'Ausrover' was |
| | budded in early summer onto Rosa multiflora rootstock. |
| | Examination was made in mid Autumn 2010 on one and two |
| | year old budded plants grown in double rows along with other |
| | varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum |
| | of ten plants selected at random from within the plant |
| N | population. |
| Measurements | This included length and width of the terminal leaflet of the |
| | flower sevel leafet leaf down flower diameter |
| | when fully open. Observations and measurements were taken |
| | from a minimum of ten plants selected at random down from |
| | the flower head flower senal length excluding the longest |
| | flower diameter when fully open Observations and |
| | measurements were taken from a minimum of ten plants |
| | selected at random from within the plant population |
| RHS Chart - edition | 2007 |
| | |

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1998. Best of the seedlings were selected in January 1998. In July 1999 grafted onto Laxa root-stock outdoors. In 2000, the variety was found promising and repeatedly propagated to 2005. Commercial introduction and release in UK was in 2006. Breeder: David Austin

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|--------------|--|
| Plant | growth type | shrub |
| Plant | growth habit | semi upright |

| Prickles | predominant colour | Purplish |
|----------|--------------------|-----------------|
| Flower | colour group | yellow blend |
| Flower | diameter | medium to large |

Most Similar Varieties of Common Knowledge identified (VCK)

Name

Comments

'Auskeppy'

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

| Org | gan/Plant Part: Context | 'AUSROVER' | 'Auskeppy' |
|-----------|--|------------------------|------------------------|
| | *Plant: growth type | shrub | shrub |
| □ clin | *Plant: growth habit (excluding varieties with growth type iber) | semi upright | semi upright |
| | Plant: height | short to medium | short to medium |
| | Young shoot: anthocyanin colouration | present | present |
| | Young shoot: intensity of anthocyanin colouration | weak | weak |
| | Stem: number of prickles | Few to medium | medium |
| | Prickles: predominant colour | purplish | purplish |
| | Leaf: size | medium to large | medium |
| ~ | Leaf: intensity of green colour | dark | medium |
| | Leaf: anthocyanin colouration | absent | absent |
| | *Leaf: glossiness of upper side | weak | absent or very weak |
| | *Leaflet: undulation of margin | absent or very weak | absent or very weak |
| | *Terminal leaflet: shape of blade | ovate | ovate |
| | Terminal leaflet: shape of base of blade | obtuse | obtuse |
| • | Terminal leaflet: shape of apex of blade | acuminate | acute |
| | Flowering shoot: flowering laterals | absent | absent |
| \Box | Flowering shoot: number of flowering laterals | very few | very few |
| | Flower bud: shape in longitudinal section | broad ovate | broad ovate |
| | *Flower: type | double | double |
| | *Flower: number of petals | medium | medium to many |
| | *Flower: colour group | yellow blend | yellow blend |
| | Flower: colour of the centre | yellow | yellow |
| | Flower: density of petals | very loose to loose | loose |
| | *Flower: diameter | medium to large | large |

| | *Flower: shape | irregularly rounded | irregularly rounded |
|---|--|------------------------|------------------------|
| ✓ | Flower: profile of upper part | flattened convex | convex |
| | *Flower: profile of lower part | Flat | concave |
| | Flower: fragrance | medium | absent or weak |
| ✓ | *Sepal: extensions | absent or very weak | weak |
| | Petals: reflexing of petals one-by-one | absent | absent |
| | *Petal: shape | obovate | obovate |
| | Petal: incisions | absent or very weak | absent or very weak |
| • | Petal: reflexing of margin | absent or very weak | strong |
| | Petal: undulation | absent or very weak | absent or very weak |
| | *Petal: size | large | medium |
| | *Petal: length | medium to long | medium |
| | *Petal: width | medium | medium |
| | *Petal: number of colours on inner side | One | one |
| | *Petal: intensity of colour | even | even |
| | *Petal: main colour on the inner side (RHS Colour Chart) | 27D | 27C |
| | *Petal: basal spot on the inner side | present | present |
| ✓ | *Petal: size of basal spot on inner side | medium | small |
| | *Petal: colour of basal spot on inner side | light yellow | light yellow |
| | *Petal: main colour on the outer side (RHS Colour Chart) | 27D | 27C |
| ✓ | Outer stamen: predominant colour of filament | light yellow | pink |
| | Seed vessel: size | small | small |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

| Country | Year | Current Status | Name Applied |
|---------|------|-----------------------|--------------|
| UK | 2007 | Granted | 'AUSROVER' |
| Japan | 2007 | Applied | 'AUSROVER' |
| EŪ | 2006 | Granted | 'AUSROVER' |
| USA | 2006 | Granted | 'AUSROVER' |

First sold in UK May 2006.

| Application Number | 2008/097 |
|---------------------------|--|
| Variety Name | 'AUSDECORUM' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 06 May 2008 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| Location | The comparative study was conducted at Portland, VIC | | | |
|----------------------------|--|--|--|--|
| | (Latitude 38.15 South, Longitude 141.37 East). | | | |
| Descriptor | Rose (new) (Rosa) $TG/11/8$ | | | |
| Period | Summer – Autumn 2010 | | | |
| Conditions | The roses were grown in the open in a well structured red | | | |
| | loamy clay soil. Sound farm management practices ensured | | | |
| | that the plants grew to their full potential with minimum stress and under high health conditions. 'Ausdecorum' was | | | |
| | budded in early summer onto Rosa multiflora rootstock. | | | |
| | Examination was made in mid Autumn 2010 on one and two | | | |
| | year old budded plants grown in double rows along with other | | | |
| | varieties of Austin roses. | | | |
| Trial Design | Observations and measurements were taken from a minimum | | | |
| | of ten plants selected at random from within the plant population. | | | |
| Measurements | This included length and width of the terminal leaflet of the | | | |
| | first five or seven leaflet leaf down from the flower head, | | | |
| | flower sepal length excluding the longest, flower diameter | | | |
| | when fully open. | | | |
| RHS Chart - edition | 2007 | | | |

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1998. In January 1999 selections were made and in July 1999 granfted onto Laxa rootstock outdoors. In 2000, the variety was selected and repeatedly increased till 2006 form and commercially introducted in UK in 2006. Breeder: David Austin, UK.

<u>Choice of Comparators</u> 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 | Shrub |
| Plant: growth habit | growth habit | semi upright |
| Flower | type | Double |
| Flower | colour group | red purple |
| Flower | number of petals | Medium |
| Most Similar Varieties | of Common Knowledge | identified (VCK) |
| Name | Comme | ents |
| 'Ausromeo' | | |

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Organ/Plant Part: Context 'AUSDECORUM' 'Ausromeo' \Box shrub Shrub *Plant: growth type *Plant: growth habit (excluding varieties with growth semi upright semi upright type climber) \Box short Short Plant: height present present Young shoot: anthocyanin colouration Weak weak Young shoot: intensity of anthocyanin colouration $\overline{\mathbf{v}}$ medium Many Stem: number of prickles \square reddish reddish Prickles: predominant colour \square medium medium Leaf: size \Box medium medium Leaf: intensity of green colour \Box present absent Leaf: anthocyanin colouration \Box weak weak *Leaf: glossiness of upper side \Box weak to medium weak *Leaflet: undulation of margin \Box medium elliptic medium elliptic *Terminal leaflet: shape of blade \Box obtuse obtuse Terminal leaflet: shape of base of blade \Box acute acute Terminal leaflet: shape of apex of blade present present Flowering shoot: flowering laterals \square Flowering shoot: number of flowers per lateral very few very few (varieties with flowering laterals only) \Box medium ovate medium ovate Flower bud: shape in longitudinal section \square double double *Flower: type ~ medium many *Flower: number of petals \Box red purple red purple *Flower: colour group \Box purple purple Flower: colour of the centre \Box loose to medium loose to medium Flower: density of petals very large large *Flower: diameter irregularly rounded irregularly rounded *Flower: shape \Box flat flat Flower: profile of upper part concave concave *Flower: profile of lower part ~ absent or weak medium Flower: fragrance weak weak *Sepal: extensions \Box absent absent Petals: reflexing of petals one-by-one

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

| ~ | *Petal: shape | obcordate | obovate |
|---------|--|---------------------|---------------------|
| | Petal: incisions | weak | weak |
| | Petal: reflexing of margin | absent or very weal | absent or very weak |
| | Petal: undulation | weak | weak |
| ✓ | *Petal: size | large | very large |
| | *Petal: length | long | long |
| | *Petal: width | broad | very broad |
| | *Petal: number of colours on inner side | one | one |
| □ Ch | *Petal: main colour on the inner side (RHS Colour art) | 64A brighter | 64A brighter |
| | *Petal: basal spot on the inner side | present | present |
| | *Petal: size of basal spot on inner side | small | small |
| | *Petal: colour of basal spot on inner side | light yellow | light yellow |
| □ Ch | *Petal: main colour on the outer side (RHS Colour art) | 64A | 64A |
| | Outer stamen: predominant colour of filament | orange | orange |
| | Seed vessel: size | medium | large |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

| Country | Year | Current Status | Name Applied |
|---------|------|-----------------------|--------------|
| UK | 2007 | Granted | 'AUSDECORUM' |
| Japan | 2007 | Applied | 'AUSDECORUM' |
| EU | 2006 | Granted | 'AUSDECORUM' |
| USA | 2006 | Granted | 'AUSDECORUM' |

First sold in UK May 2006

| Application Number | 2008/336 |
|--------------------|--|
| Variety Name | 'Lexatseif' |
| Genus Species | Rosa hybrid |
| Common Name | Rose |
| Synonym | Nil |
| Accepted Date | 03 Dec 2008 |
| Applicant | Levacy Ltd, Nicosia, Cyprus |
| Agent | Grandiflora Nurseries Pty Ltd, Skye, VIC |
| Oualified Person | Christopher Prescott |

Details of Comparative Trial

| Location | 145 Moores Road, Clyde, VIC (Latitude 38°09' South, | | | | |
|----------------------------|---|--|--|--|--|
| | elevation 16m). | | | | |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8. | | | | |
| Period | 2009 – 18 Feb 2010 | | | | |
| Conditions | Trial conducted in a controlled environment polyhouse with | | | | |
| | shade, temperature ranged between 18 and 41 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with | | | | |
| | plants on their own roots planted into grow bags of co-co coir, | | | | |
| | nutrition was maintained as part of a commercial hydroponic | | | | |
| | system, pest and disease treatments applied as required. | | | | |
| Trial Design | 7 plants of 'Lexatseif' and 'Delstrijor' planted into 7 hole | | | | |
| | grow bags of 100mm high x 150mm wide x 1100mm long (1 | | | | |
| | variety per bag)the bags were placed on double channel | | | | |
| | benches. | | | | |
| Measurements | Measurements were taken at random on 18 Feb 2010 | | | | |
| RHS Chart - edition | 1995 | | | | |

Origin and Breeding

Spontaneous mutation: 'Lexatseif' was a mutation was discovered and developed at the property of Lex Voorn Rozenveredling, Hoofdweg, Kudelstaart, Netherlands by Alexander Jozef Voorn (Lex) from a population of Lexgnok in Jan 2007. Four generations were propagated from the original mutation and have been found to be uniform, distinct and stable.

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

| | 1110 11 10 480 | |
|-------------------------|--|---|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Flower | type | double |
| Flower | colour group | pink blend |
| Flower | diameter | large |
| Petal | number of colours on inner side | two or more |
| Petal | distribution of secondary colour on inner side | as segments or stripes |
| | | |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|----------|
| 'Delstrijor' | |

| Org | gan/Plant Part: Context | 'Lexatseif' | 'Delstrijor' |
|-----------------|--|------------------------|------------------------|
| ✓ | *Plant: growth type | bed | shrub |
| | *Plant: growth habit (excluding climbers_ | semi upright | moderately spreading |
| ✓ | Plant: height | medium | tall |
| | Young shoot: anthocyanin colouration | present | present |
| | Young shoot: intensity of anthocyanin colouration | strong | medium to strong |
| | Stem: number of prickles | medium | medium |
| | Prickles: predominant colour | yellowish | yellowish |
| | Leaf: size | medium to large | medium to large |
| | Leaf: intensity of green colour | dark | dark |
| | Leaf: anthocyanin colouration | present | present |
| ✓ | *Leaf: glossiness of upper side | weak | strong |
| • | *Leaflet: undulation of margin | weak | medium to strong |
| ✓ | *Terminal leaflet: shape of blade | ovate | medium elliptic |
| • | Terminal leaflet: shape of base of blade | rounded | obtuse |
| | Terminal leaflet: shape of apex of blade | acute | acute |
| | Flowering shoot: flowering laterals | present | present |
| ✓ | Flowering shoot: number of flowering laterals | very few | medium |
| ⊽ wit | Flowering shoot: number of flowers per lateral (varieties h flowering laterals only) | very few | medium |
| | Flower bud: shape in longitudinal section | broad ovate | medium ovate |
| | *Flower: type | double | double |
| ✓ | *Flower: number of petals | many | few |
| | *Flower: colour group | pink blend | pink blend |
| ✓ | Flower: colour of the centre | pink | yellow |
| ✓ | Flower: density of petals | dense | loose |
| | *Flower: diameter | large | large |
| | *Flower: shape | irregularly rounded | irregularly rounded |
| ✓ | Flower: profile of upper part | flattened convex | flat |
| | *Flower: profile of lower part | flattened convex | flat |
| ✓ | Flower: fragrance | medium | absent or weak |
| ~ | *Sepal: extensions | strong | medium |

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

| Petal: shape Petal: incisions Petal: incisions Petal: reflexing of margin Petal: undulation Petal: size Petal: size Petal: length Petal: width Petal: width Petal: number of colours on inner side Nonded | ıg |
|---|----|
| Petal: incisions Petal: incisions Petal: reflexing of margin Petal: undulation Petal: undulation Petal: size Petal: length Petal: undulation Petal: undulation Petal: undulation Petal: size Inreg Inreg | ıg |
| Petal: reflexing of margin weak medium to strong very weak to weak Petal: size Petal: size inedium medium inedium medium medium medium medium medium medium | ng |
| Petal: undulation Petal: size Petal: size Petal: length Petal: width Petal: width Medium | |
| *Petal: size *Petal: length *Petal: width *Petal: number of colours on inner side koot koot | |
| ✓ Petal: length medium long ✓ Petal: width medium ✓ Petal: number of colours on inner side ✓ two more than two | |
| □ *Petal: width medium ▷ *Petal: number of colours on inner side wo more than two | |
| *Petal: number of colours on inner side two more than two | |
| | |
| *Petal: intensity of colour even even | |
| ✓ *Petal: main colour on the inner side (RHS Colour Chart) 3D 52C | |
| *Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart) 36B 55C | |
| *Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal) as segments or stripes as segments or stripes | |
| *Petal: basal spot on the inner side present present | |
| ✓ *Petal: size of basal spot on inner side large to very large small | |
| *Petal: colour of basal spot on inner side medium yellow light yellow | |
| ✓ *Petal: main colour on the outer side (RHS Colour Chart) 51D 55B | |
| Outer stamen: predominant colour of filament light yellow orange | |
| Seed vessel: size medium medium | |
| Hip: shape in longitudinal sectionfunnel-shapedpitcher-shaped | |
| Characteristics Additional to the Descriptor/TG | |
| Organ/Plant Part: Context 'Lexatseif' 'Delstrijor' | |
| □ Young shoot: hue of anthocyanin colouration reddish reddish bronze | |
| Statistical Table | |
| Organ/Plant Part: Context 'Lexatseif' 'Delstrijor' | |
| Elower: diameter (cm) | |
| Mean 10.50 9.60 | |
| Std. Deviation 1.31 1.12 | |
| LSD/sig 1.94 ns | |
| Prior Applications and Sales | |
| CountryY earCurrent StatusName AppliedEU2007Applied'L evotreif' | |
| First sold in the Netherlands in August 2007. | |

Description: Christopher Prescott, Prescott Roses, 145 Moores Rd, Clyde, VIC.

| Application Number | 2008/337 |
|--------------------|--|
| Variety Name | 'Lexhcaep' |
| Genus Species | Rosa hybrid |
| Common Name | Rose |
| Synonym | Nil |
| Accepted Date | 03 Dec 2008 |
| Applicant | Levacy Ltd, Nicosia, Cyprus |
| Agent | Grandiflora Nurseries Pty Ltd, Skye, VIC |
| Oualified Person | Christopher Prescott |

Details of Comparative Trial

| Location | 145 Moores Road, Clyde, VIC (Latitude 38°09' South, | | | | | |
|----------------------------|--|--|--|--|--|--|
| | elevation 16m). | | | | | |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8. | | | | | |
| Period | 2009 – 18 Feb 2010 | | | | | |
| Conditions | Trial conducted in a controlled environment polyhouse with | | | | | |
| | shade, temperature ranged between 18 and 41 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into grow bags of co-co coir, nutrition was maintained as part of a commercial hydroponic | | | | | |
| | system, pest and disease treatments applied as required. | | | | | |
| Trial Design | 7 plants of 'Lexhcaep' and 'Lexativas' planted into 7 hole grow bags of 100mm high x 150mm wide x 1100mm long (1 variety per bag). The bags were placed on double channel benches. | | | | | |
| Measurements | Measurements were taken at random on 18 Feb 2010 | | | | | |
| RHS Chart - edition | 2007 | | | | | |

Origin and Breeding

Spontaneous mutation: 'Lexhcaep' was a mutation discovered and developed at the property of Lex Voorn Rozenveredling, Hoofdweg, Kudelstaart, Netherlands by Alexander Jozef Voorn (Lex) from a population of 'Lexani', in Feb 2006. Four generations were propagated from the original mutation and have been found to be uniform, distinct and stable.

| vanety of common run | io in leage | |
|-------------------------|------------------------------|---|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Plant | growth type | bed |
| Plant | Height | medium |
| Flowering shoot | number of flowering laterals | very few |
| Flower | Туре | double |
| Flower | number of petals | medium to many |
| Flower | colour group | orange blend |
| Flower | Diameter | large |
| Plant | growth habit | semi upright |
| | | |

| Most Similar | Varieties of Common Knowledge identified (VCK) |
|--------------|--|
| Name | Comments |

'Lexativas'

| Varieties of Com | mon Knowledge identified and | l subsequently | <u>v excluded</u> | G + + | |
|-------------------------|---|-----------------|------------------------|--------------|---------------------------------------|
| Variety | Distinguishing Characteristics | State of Exp | pression in Variety | State Com | e of Expression in narator Variety |
| 'Pretaner' | Flower Diameter | large | v urreey | medi | um |
| <u>Variety Descript</u> | <u>ion and Distinctness</u> - Charact parators are marked with a tic | eristics which | distinguish | the c | candidate from or |
| Organ/Plant Par | t: Context | K . | Lexhcaep' | | 'Lexativas' |
| □ *Plant: growt | h type | b | bed | | bed |
| □ *Plant: growt | h habit (excluding varieties with | growth type s | emi upright | | semi upright |
| climber) | | | | | |
| Plant: height | | n | nedium | | medium |
| Young shoot: | anthocyanin colouration | p | present | | absent |
| Young shoot: | intensity of anthocyanin coloura | ation v | very weak | | |
| Stem: No. of | prickles | f | ew | | medium to many |
| Prickles: pred | ominant colour | r | eddish | | reddish |
| Leaf: size | | 1: | arge | | large |
| Leaf: intensit | y of green colour | n | nedium | | medium |
| Leaf: anthocy | anin colouration | p | present | | present |
| *Leaf: glossin | ness of upper side | v | weak to med | ium | weak to medium |
| *Leaflet: und | ulation of margin | a v | lbsent or ver veak | у | weak to medium |
| *Terminal lea | aflet: shape of blade | 0 | ovate | | ovate |
| Terminal leaf | let: shape of base of blade | r | ounded | | rounded |
| Terminal leaf | let: shape of apex of blade | a | icute | | acute |
| Flowering sho | oot: flowering laterals | p | present | | present |
| □ Flowering sho | oot: number of flowering laterals | s v | very few | | very few |
| Flowering showering lat | bot: number of flowers per latera | ll (varieties v | very few | | very few |
| Flower bud: s | hape in longitudinal section | b | broad ovate | | broad ovate |
| *Flower: type | 2 | d | louble | | double |
| *Flower: num | ber of petals | n | nedium to m | nany | medium to many |
| *Flower: colo | our group | C | orange blend | l | orange blend |
| Flower: colou | Ir of the centre | 0 | orange | | orange |
| Flower: densi | ty of petals | 10 | oose to med | ium | medium |
| *Flower: diar | neter | la | arge | | large |
| *Flower: shat | De | r | ound | | irregularly |
| | | | | | |

| | | | rounded |
|--------|--|-------------------------|--------------------------|
| | Flower: profile of upper part | flattened convex | flattened convex |
| • | *Flower: profile of lower part | flat | flattened convex |
| | Flower: fragrance | absent or weak | absent or weak |
| ✓ | *Sepal: extensions | medium to strong | very strong |
| | Petals: reflexing of petals one-by-one | present | present |
| ✓ | *Petal: shape | rounded | obovate |
| | Petal: incisions | absent or very weak | absent or very weak |
| | Petal: reflexing of margin | weak | medium |
| • | Petal: undulation | weak | absent or very weak |
| | *Petal: size | large | large |
| | *Petal: length | medium | medium to long |
| | *Petal: width | medium | medium |
| \Box | *Petal: number of colours on inner side | one | one |
| | *Petal: intensity of colour | lighter towards the top | elighter towards the top |
| ✓ | *Petal: main colour on the inner side (RHS Colour Chart) | 27D | ca. 20C |
| • | *Petal: basal spot on the inner side | present | absent |
| | *Petal: size of basal spot on inner side | very small to small | |
| | *Petal: colour of basal spot on inner side | light yellow | |
| ✓ | *Petal: main colour on the outer side (RHS Colour Chart) | 27D | 20D |
| ✓ | Outer stamen: predominant colour of filament | orange | light yellow |
| | Seed vessel: size | very small to small | very small to small |
| | Hip: shape in longitudinal section | funnel-shaped | funnel-shaped |

| Country | Year | Current Status | Name Applied |
|---------|------|-----------------------|--------------|
| EU | 2007 | Applied | 'Lexhcaep' |
| Brazil | 2008 | Applied | 'Lexhcaep' |

First sold in Netherlands in 2007.

Description: Christopher Prescott, Prescott Roses, 145 Moores Rd, Clyde, VIC.

| Application Number | 2009/030 | | | |
|-------------------------|--|--|--|--|
| Variety Name | 'KORGRETAUM' | | | |
| Genus Species | Rosa hybrid | | | |
| Common Name | Rose | | | |
| Synonym | | | | |
| Accepted Date | 04 Sep 2009 | | | |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG | | | |
| Agent | Treloar Roses Pty Ltd, Portland, VIC | | | |
| Qualified Person | Brian Hanger | | | |
| Details of Comparativ | <u>ve Trial</u> | | | |
| Location | The comparative study was conducted at Portland, VIC | | | |
| | (Latitude 38.15 South, Longitude 141.37 East). | | | |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 | | | |
| Period | | | | |
| Conditions | The roses were grown in the open in a well structured red | | | |
| | loamy clay soil. Sound farm management practices ensured | | | |
| | that the plants grew to their full potential with minimum | | | |
| | stress and under high health conditions. 'Korgretaum' was | | | |
| | budded in early summer 2008 onto Rosa multiflora rootstock. | | | |
| | Examination was made in mid Autumn 2010 on one and two | | | |
| | year old budded plants grown in double rows along with other | | | |
| | varieties of Kordes roses. | | | |
| Trial Design | Observations and measurements were taken from a minimum | | | |

Initial DesignObservations and measurements were taken from a minimum
of ten plants selected at random from within the plant
population.MeasurementsThis included length and width of the terminal leaflet of the
first five or seven leaflet leaf down from the flower head,
flower sepal length excluding the longest, flower diameter

when fully open. **RHS Chart - edition** 2007

Origin and Breeding

Controlled pollination: 'Margaret Merrill' x 'unnamed seedling' in May 1995. First selections were made in May 1996. In July 1996, budded onto *Rosa canina* rootstock and grown in open. In 1997 second selections were made. The seedling was tested until 2004. Introduction and first sales took place in spring 2005.

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|---------------------------|---|
| Plant | growth type | shrub |
| Plant | growth habit | upright |
| Flower | colour group | white or near white |
| Petal | colour of spot at base of | light yellow |
| | inner side | |
| Petal | colour of spot at base of | present |
| | outerside | |

Most Similar Varieties of Common Knowledge identified (VCK) Comments

Name

'Margaret Merrill'

| Varieties of C | ommon Kno | wledge identified a | bove and subseq | uently excluded | | | |
|----------------|----------------------------|-------------------------------|---|--|----------|--|--|
| Variety | Distinguishi | ing Characteristic | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments | | |
| | Organ/PlantContext Part | | | | | | |
| 'Tanripisa' | petal | Colour spot at base of inside | Light yellow | white | | | |
| 'Tanripisa' | petal | colour of outer basal spot | present | absent | | | |

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

| Organ/Plant Part: Context | | 'KORGRETAUM''Margaret Merrill' | | |
|---------------------------|---|--------------------------------|-------------------|--|
| | *Plant: growth type | shrub | Shrub | |
| □ typ | *Plant: growth habit (excluding varieties with growth e climber) | ^h upright | Upright | |
| | Plant: height | medium | Medium | |
| | Young shoot: anthocyanin colouration | present | Present | |
| | Young shoot: intensity of anthocyanin colouration | medium | Medium | |
| • | Stem: number of prickles | medium | Few | |
| | Prickles: predominant colour | reddish | Purplish | |
| ✓ | Leaf: size | medium | Large | |
| | Leaf: intensity of green colour | dark | Dark | |
| | Leaf: anthocyanin colouration | absent | Absent | |
| | *Leaf: glossiness of upper side | medium | very weak to weak | |
| | *Leaflet: undulation of margin | medium | Medium | |
| \Box | *Terminal leaflet: shape of blade | medium elliptic | medium elliptic | |
| | Terminal leaflet: shape of base of blade | obtuse | Obtuse | |
| | Terminal leaflet: shape of apex of blade | acuminate | Acuminate | |
| | Flowering shoot: flowering laterals | present | Present | |
| \Box | Flowering shoot: number of flowering laterals | few | Few | |
| □ no | Flowering shoot: number of flowers (varieties with flowering laterals only) | very few to few | very few to few | |
| | Flowering shoot: number of flowers per lateral | few | Few | |

| (vai | rieties with flowering laterals only) | | | |
|------------|--|----------------|---------------------|---------------------|
| | Flower bud: shape in longitudinal se | ection | medium ovate | medium ovate |
| ✓ | *Flower: type | | double | semi-double |
| | *Flower: number of petals | | medium | few to medium |
| | *Flower: colour group | | white or near white | white or near white |
| | Flower: colour of the centre | | pink | |
| | Flower: density of petals | | loose | very loose |
| | *Flower: diameter | | medium to large | medium to large |
| | *Flower: shape | | irregularly rounded | irregularly rounded |
| | Flower: profile of upper part | | flattened convex | flattened convex |
| | *Flower: profile of lower part | | flat | Flat |
| | Flower: fragrance | | absent or weak | Medium |
| | *Sepal: extensions | | absent or very weak | Weak |
| | Petals: reflexing of petals one-by-on | e | absent | Absent |
| ✓ | *Petal: shape | | rounded | Obovate |
| | Petal: incisions | | absent or very weak | absent or very weak |
| | Petal: undulation | | weak | Weak |
| | *Petal: size | | medium | medium to large |
| | *Petal: length | | medium | Medium |
| | *Petal: width | | medium | medium to broad |
| | *Petal: number of colours on inner s | ide | one | One |
| | *Petal: intensity of colour | | even | |
| □ Cha | *Petal: main colour on the inner side | e (RHS Colour | 155C | 155C |
| | *Petal: basal spot on the inner side | | present | Present |
| | *Petal: size of basal spot on inner side | de | small | very small to small |
| | *Petal: colour of basal spot on inner | side | light yellow | light yellow |
| | Outer stamen: predominant colour o | f filament | pink | Pink |
| | Seed vessel: size | | medium | Medium |
| | Hip: shape in longitudinal section | | pitcher-shaped | pitcher-shaped |
| Pri Cor | or Applications and Sales | Current Status | Nama Annliad | |
| | | Current Status | | |

| Country | Year | Current Status | Name Applied |
|-------------|------|-----------------------|--------------|
| Switzerland | 2006 | Granted | 'KORGRETAUM' |
| Germany | 2004 | Granted | 'KORGRETAUM' |
| EU | 2004 | Granted | 'KORGRETAUM' |
| USA | 2005 | Granted | 'KORGRETAUM' |

First sold in March 2005.

| Application Number | 2009/031 |
|-------------------------|--|
| Variety Name | 'KORABURG' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 04 Sep 2009 |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Agent | Treloar Roses Pty Ltd, Portland, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| Location | The comparative study was conducted at Portland, VIC |
|----------------------------|---|
| | (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (Rosa) $TG/11/8$ |
| Period | |
| Conditions | The roses were grown in the open in a well structured red |
| | loamy clay soil. Sound farm management practices ensured |
| | that the plants grew to their full potential with minimum |
| | stress and under high health conditions. 'Koraburg' was |
| | budded in early summer onto Rosa multiflora rootstock. |
| | Examination was made in mid Autumn 2010 on one and two |
| | year old budded plants grown 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 from within the plant |
| | population. |
| Measurements | This included length and width of the terminal leaflet of the |
| | first five or seven leaflet leaf down from the flower head, |
| | flower sepal length excluding the longest, flower diameter |
| | when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'Acapella' x 'unnamed seedling' in May 1995. First selections were made in May 1996. They were budded onto *Rosa canina* rootstock and planted in opne. In 1997 second selection was made and tested till 2004. Introduction and first sales took place in Spring 2005. Breeder: W. Kordes' Sohne Rosenschulen, Germany.

| Choice of Comparators | Characteristics | used for g | grouping | varieties to | identify | the most si | milar |
|------------------------|-----------------|------------|----------|--------------|----------|-------------|-------|
| Variety of Common Know | vledge | _ | | | - | | |

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--------------------------------|---|
| Plant | growth type | shrub |
| Plant | growth habit | moderately spreading |
| Flower | colour | light blue pink |
| Flower | size | large |
| Flower | fragrance | absent or very weak |
| Outer stamen | predominant colour of filament | light yellow |

Most Similar Varieties of Common Knowledge identified (VCK)NameComments

'Queen Elizabeth'

| Varieties of Co | Varieties of Common Knowledge identified and subsequently excluded | | | | |
|-----------------|--|--------------------|------------------------|---------------------------|--|
| Variety | Distinguishin | g Characteristics | State of Expression in | State of Expression in | |
| | | | Candidate Variety | Comparator Variety | |
| 'Tanezamor' | petal | colour | light pink | purple red | |
| 'Tanezamor' | outer stamen | Colour of filament | light yellow | purple | |

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

| Org | gan/Plant Part: Context | 'KORABURG' | 'Queen Elizabeth' |
|-----------|---|----------------------|----------------------|
| | *Plant: growth type | shrub | shrub |
| □ type | *Plant: growth habit (excluding varieties with growth e climber) | moderately spreading | moderately spreading |
| | Plant: height | medium | medium |
| | Young shoot: anthocyanin colouration | present | present |
| | Young shoot: intensity of anthocyanin colouration | strong | strong |
| | Stem: number of prickles | medium | medium |
| | Prickles: predominant colour | reddish | reddish |
| | Leaf: size | large | large |
| | Leaf: intensity of green colour | dark | dark |
| | Leaf: anthocyanin colouration | present | absent |
| | *Leaf: glossiness of upper side | weak | weak |
| | *Leaflet: undulation of margin | weak | weak to medium |
| | *Terminal leaflet: shape of blade | medium elliptic | medium elliptic |
| | Terminal leaflet: shape of base of blade | obtuse | obtuse |
| | Terminal leaflet: shape of apex of blade | acute | acute |
| | Flowering shoot: flowering laterals | absent | absent |
| | Flowering shoot: number of flowering laterals | very few | very few |
| □ flov | Flowering shoot: number of flowers (varieties with no vering laterals only) | very few | very few |
| | Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| | *Flower: type | semi-double | semi-double |
| \Box | *Flower: number of petals | few to medium | few to medium |

| | *Flower: colour group | pink | pink |
|--------|--|--------------------------|---------------------|
| \Box | Flower: colour of the centre | pink | pink |
| | Flower: density of petals | loose to medium | loose to medium |
| \Box | *Flower: diameter | large | large |
| | *Flower: shape | irregularly rounded | irregularly rounded |
| | *Flower: profile of lower part | flattened convex | flattened convex |
| | Flower: fragrance | absent or weak | absent or weak |
| | *Sepal: extensions | medium | medium |
| | Petals: reflexing of petals one-by-one | absent | absent |
| ✓ | *Petal: shape | rounded | obovate |
| | Petal: incisions | absent or very weak | absent or very weak |
| | Petal: reflexing of margin | medium | medium |
| | Petal: undulation | weak | weak |
| | *Petal: size | medium to large | large |
| | *Petal: length | medium | medium |
| ✓ | *Petal: width | medium | broad |
| | *Petal: number of colours on inner side | one | one |
| • | *Petal: intensity of colour | lighter towards the base | even |
| | *Petal: main colour on the inner side (RHS Colour | 57D | 55C |
| | | present | nresent |
| ~ | *Petal: basal spot on the inner side | medium | small |
| | *Petal: size of basal spot on inner side | light yellow | light vellow |
| ~ | *Petal: colour of basal spot on inner side | nght yenow | nght yenow |
| Cha | *Petal: main colour on the outer side (RHS Colour art) | 65B | 55C |
| | Outer stamen: predominant colour of filament | light yellow | light yellow |
| | Seed vessel: size | small | small to medium |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

| Country | Year | Current Status | Name Applied |
|---------|------|----------------|--------------|
| Germany | 2004 | Granted | 'KORABURG' |
| EU | 2004 | Granted | 'KORABURG' |
| USA | 2005 | Granted | 'KORABURG' |

First sold in Germany March 2005.

| Application Number | 2007/099 |
|--------------------|--|
| Variety Name | 'AUSHOMER' |
| Genus Species | Rosa hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 18 May 2007 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| Location | The comparative study was conducted at Portland, VIC |
|----------------------------|---|
| | (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (Rosa) $TG/11/8$ |
| Period | Summer – Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red |
| | loamy clay soil. Sound farm management practices ensured |
| | that the plants grew to their full potential with minimum |
| | stress and under high health conditions. 'Aushomer' was |
| | budded in early summer onto Rosa multiflora rootstock. |
| | Examination was made in mid Autumn 2010 on one and two |
| | year old budded plants grown in double rows along with other |
| | varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum |
| | of ten plants selected at random from within the plant |
| | population. |
| Measurements | This included length and width of the terminal leaflet of the |
| | first five or seven leaflet leaf down from the flower head, |
| | flower sepal length excluding the longest, flower diameter |
| | when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1997. Best of the resulting seedlings were grafted onto Laxa root-stock outdoors in July 1998. From 1999 to 2002 the variety was multiplied. In 2002-2003 trialled in USA for a future commercialisation, In 2003 sent to Australia for trialling and commercialisation. Breeder: David Austin, UK.

| variety of common thous | -45C | |
|-----------------------------|----------------------|---|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Plant | growth type | compact shrub |
| Flower | colour | white to near white fading to white |
| Flower | colour at the centre | Yellow |
| Flower | density of petals | Medium |
| Most Similar Varieties of (| Common Knowledge ide | ntified (VCK) |
| Name | Comments | |
| 'Ausquest' | | |
| | | |

| Val | rieties of Co | <u>ommon Knowledg</u> | <u>e identified and</u> | <u>subsequent</u> | iy excluded | G 4 . 4 | er · · |
|-----------|------------------------------|--------------------------------------|-------------------------|-------------------------|---------------------------|----------------|---------------------------------------|
| Va | riety | Distinguishing (| Characteristics | State of E Candidate | xpression in e Variety | State Com | e of Expression in parator Variety |
| 'At | islevel' | Plant gr | owth habit | compact s | hrub | taller | r and more upright |
| Va | riety Descri | ption and Distinc | tness - Characte | ristics whic | h distinguish | the o | candidate from or |
| mo Ore | re of the co. gan/Plant P | mparators are ma art: Context | irked with a tick | • | 'AUSHOM | ER' | 'Ausquest' |
| | *Plant: gro | wth type | | | shrub | | shrub |
| | *Plant: gro | wth habit (excluding | ng varieties with g | growth type | intermediate | | moderately |
| | Plant: heig | ht | | | medium | | medium to tall |
| | Young sho | ot: anthocyanin co | louration | | present | | present |
| | Young sho | ot: intensity of antl | ocvanin colourat | ion | weak | | weak to medium |
| • | Stem: num | ber of prickles | | | very few to f | few | many |
| • | Prickles: pi | redominant colour | | | reddish | | purplish |
| • | Leaf: size | | | | medium to la | arge | small to medium |
| | Leaf: inten | sity of green colou | r | | dark | | Dark |
| | Leaf: antho | ocyanin colouratior | 1 | | absent | | absent |
| | *Leaf: glos | siness of upper sid | e | | weak | | weak |
| | *Leaflet: u | ndulation of margi | n | | very weak to weak |) | weak |
| | *Terminal | leaflet: shape of bl | ade | | ovate | | ovate |
| | Terminal le | eaflet: shape of bas | e of blade | | cordate | | cordate |
| | Terminal le | eaflet: shape of ape | x of blade | | acute | | acute |
| | Flowering | shoot: flowering la | terals | | present | | present |
| ✓ | Flowering | shoot: number of f | lowering laterals | | few to mediu | ım | Very few |
| □ wit | Flowering h flowering | shoot: number of f laterals only) | lowers per lateral | (varieties | few to mediu | ım | Few |
| ✓ | Flower bud | l: shape in longitud | linal section | | medium ova | te | broad ovate |
| | *Flower: ty | /pe | | | double | | double |
| | *Flower: co | olour group | | | white or near white | r | white or near white |
| | Flower: col | lour of the centre | | | yellow | | yellow |
| | Flower: der | nsity of petals | | | medium | | medium |
| | *Flower: d | iameter | | | medium to la | arge | large |
| | *Flower: sl | hape | | | irregularly rounded | | irregularly rounded |
| | Flower: pro | ofile of upper part | | | flat | | Flat |

T 7 miati 60 **T**7 1.1 • 1 4:£. J 41. հոհով .

| ✓ | *Flower: profile of lower part | flat | concave |
|--------|--|------------------------|----------------------|
| ✓ | Flower: fragrance | strong | absent or weak |
| • | *Sepal: extensions | absent or very weak | medium |
| | Petals: reflexing of petals one-by-one | absent | absent |
| ✓ | *Petal: shape | rounded | obcordate |
| | Petal: incisions | very weak to weak | very weak to weak |
| | Petal: reflexing of margin | weak | weak to medium |
| | Petal: undulation | weak | weak |
| | *Petal: size | small to medium | medium |
| | *Petal: length | short to medium | medium |
| | *Petal: width | medium | medium to broad |
| | *Petal: number of colours on inner side | one | One |
| | *Petal: intensity of colour | even | Even |
| | *Petal: main colour on the inner side (RHS Colour Chart) | 155B | N155D |
| \Box | *Petal: basal spot on the inner side | present | present |
| | *Petal: size of basal spot on inner side | small to medium | small |
| | *Petal: colour of basal spot on inner side | medium yellow | medium yellow |
| | *Petal: main colour on the outer side (RHS Colour Chart) | 155B | N155D |
| | Outer stamen: predominant colour of filament | light yellow | Light yellow |
| ◄ | Seed vessel: size | medium | small |
| | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

| Country | Year | Current Status | Name Applied |
|-------------|------|----------------|--------------|
| New Zealand | 2008 | Applied | 'AUSHOMER' |
| USA | 2006 | Granted | 'AUSHOMER' |

First sold in USA February 2007

| 2007/098 |
|--|
| 'AUSTANGO' |
| Rosa hybrid |
| Rose |
| |
| 11 Apr 2007 |
| David Austin Roses Ltd |
| Siebler Publishing Services, Hartwell, VIC |
| Brian Hanger |
| |

Details of Comparative Trial

| Location | The comparative study was conducted at Portland, VIC | | | |
|----------------------------|--|--|--|--|
| | (Latitude 38.15 South, Longitude 141.37 East). | | | |
| Descriptor | Rose (new) ($Rosa$) TG/11/8 | | | |
| Period | Summer – Autumn 2010 | | | |
| Conditions | The roses were grown in the open in a well structured red | | | |
| | loamy clay soil. Sound farm management practices ensured | | | |
| | that the plants grew to their full potential with minimum stress and under high health conditions. 'Austango' was | | | |
| | budded in early summer 2008 onto Rosa multiflora rootstock. | | | |
| | Examination was made in mid Autumn 2010 on one and two | | | |
| | year old budded plants grown in double rows along with other | | | |
| | varieties of Austin roses. | | | |
| Trial Design | Observations and measurements were taken from a minimum | | | |
| | of ten plants selected at random from within the plant population. | | | |
| Measurements | This included length and width of the terminal leaflet of the | | | |
| | first five or seven leaflet leaf down from the flower head, | | | |
| | flower sepal length excluding the longest, flower diameter | | | |
| | when fully open. | | | |
| RHS Chart - edition | 2007 | | | |

Origin and Breeding

Controlled pollination: unnamed seedling x unnamed seedling in 1997. In 1998 best plant was selected and a number of seedlings were grated onto Laxa root-stock outdoors. After 6 years of continuous observation and trial released for commercial introduction in UK I 2005. Breeder: Davi Austin Roses, Albrighton, UK.

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------|---|
| Plant | growth type | shrub |
| Plant | growth habit | upright |
| Flower | type | double |
| Flower | colour at centre | orange |
| Flower | density of petals | medium |
| Flower | petal size | medium to large |

Most Similar Varieties of Common Knowledge identified (VCK) Name

Comments

'Austencart'

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

| Org | gan/Plant Part: Context | 'AUSTANGO' | 'Austencart' |
|------|--|------------------------|------------------------|
| | *Plant: growth type | shrub | shrub |
| Clin | *Plant: growth habit (excluding varieties with growth type nber) | upright | upright |
| ✓ | Plant: height | tall | short to medium |
| | Young shoot: anthocyanin colouration | present | present |
| | Young shoot: intensity of anthocyanin colouration | weak to medium | medium |
| | Stem: number of prickles | medium | medium |
| ✓ | Prickles: predominant colour | reddish | purplish |
| | Leaf: size | medium | medium |
| ✓ | Leaf: intensity of green colour | dark | medium |
| | Leaf: anthocyanin colouration | absent | absent |
| | *Leaf: glossiness of upper side | medium | absent or very weak |
| | *Leaflet: undulation of margin | absent or very weak | absent or very weak |
| | *Terminal leaflet: shape of blade | narrow elliptic | narrow elliptic |
| | Terminal leaflet: shape of base of blade | obtuse | obtuse |
| | Terminal leaflet: shape of apex of blade | acute | acute |
| | Flowering shoot: flowering laterals | present | absent |
| | Flowering shoot: number of flowering laterals | very few | Very few |
| | Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| | *Flower: type | double | double |
| | *Flower: number of petals | very many | Very many |
| ✓ | *Flower: colour group | orange | red blend |
| | Flower: colour of the centre | orange | orange |
| | Flower: density of petals | medium | medium |
| | *Flower: diameter | medium to large | medium |
| | *Flower: shape | round | round |
| | Flower: profile of upper part | flat | Flat |
| ✓ | *Flower: profile of lower part | flattened convex | convex |
| | Flower: fragrance | medium | absent or weak |

| ✓ | *Sepal: extensions | weak | medium |
|--------------|--|--|--|
| | Petals: reflexing of petals one-by-one | present | present |
| | *Petal: shape | obovate | obovate |
| | Petal: incisions | absent or very weak | absent or very weak |
| | Petal: reflexing of margin | absent or very weak | absent or very weak |
| | Petal: undulation | absent or very weak | absent or very weak |
| | *Petal: size | medium to large | medium to large |
| | *Petal: length | medium | medium |
| | *Petal: width | medium | medium |
| | *Petal: number of colours on inner side | one | One |
| | *Petal: intensity of colour | even | Even |
| \checkmark | | | |
| | *Petal: main colour on the inner side (RHS Colour Chart) | 31A | 53B |
| | *Petal: main colour on the inner side (RHS Colour Chart) *Petal: basal spot on the inner side | 31A present | 53B present |
| | *Petal: main colour on the inner side (RHS Colour Chart) *Petal: basal spot on the inner side *Petal: size of basal spot on inner side | 31A present small to medium | 53B present medium |
| | *Petal: main colour on the inner side (RHS Colour Chart) *Petal: basal spot on the inner side *Petal: size of basal spot on inner side *Petal: colour of basal spot on inner side | 31A present small to medium medium yellow | 53B present medium medium yellow |
| | *Petal: main colour on the inner side (RHS Colour Chart) *Petal: basal spot on the inner side *Petal: size of basal spot on inner side *Petal: colour of basal spot on inner side *Petal: main colour on the outer side (RHS Colour Chart) | 31A present small to medium medium yellow 31A | 53B present medium medium yellow 54A |
| | *Petal: main colour on the inner side (RHS Colour Chart) *Petal: basal spot on the inner side *Petal: size of basal spot on inner side *Petal: colour of basal spot on inner side *Petal: main colour on the outer side (RHS Colour Chart) Outer stamen: predominant colour of filament | 31A present small to medium medium yellow 31A orange | 53B present medium medium yellow 54A Light yellow |
| | *Petal: main colour on the inner side (RHS Colour Chart) *Petal: basal spot on the inner side *Petal: size of basal spot on inner side *Petal: colour of basal spot on inner side *Petal: main colour on the outer side (RHS Colour Chart) Outer stamen: predominant colour of filament Seed vessel: size | 31A present small to medium medium yellow 31A orange small to medium | 53Bpresentmediummedium yellow54ALight yellowsmall to medium |

| Country | Year | Current Status | Name Applied |
|-------------|------|----------------|--------------|
| Switzerland | 2007 | Granted | 'AUSTANGO' |
| UK | 2006 | Granted | 'AUSTANGO' |
| Japan | 2006 | Applied | 'AUSTANGO' |
| New Zealand | 2008 | Applied | 'AUSTANGO' |
| EU | 2005 | Granted | 'AUSTANGO' |
| USA | 2005 | Granted | 'AUSTANGO' |

| Application Number | 2008/332 |
|--------------------|---|
| Variety Name | 'Chiffon Breeze' |
| Genus Species | Hibiscus rosa-sinensis |
| Common Name | Rose Mallow |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Oualified Person | Ian Paananen |

Details of Comparative Trial

| Overseas Testing | verseas Testing United States Patent and Trademark Office (USPTO) | | |
|----------------------------|--|--|--|
| Authority | | | |
| Overseas Data | PP17,606 | | |
| Reference Number | | | |
| Location | Glenorie, NSW | | |
| Descriptor | Hibiscus | | |
| Period | Jan-Apr 2010 | | |
| Conditions | Trial conducted open beds, rooted cuttings planted into 170mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. | | |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. | | |
| Measurements | 10 plants were selected randomly and observations made in order to confirm the candidate conforms to the published US description. | | |
| RHS Chart - edition | 2007 | | |

Origin and Breeding

Controlled pollination: seed parent 'YB-1388' x pollen parent 'YB-1470' in 1997. The seed parent is characterised by a small flower diameter. The pollen parent is characterised by strong plant growth vigour with variable growth habit and red main petal colour. 'Chiffon Breeze' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, USA.

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|------------------------|---|
| Flower | type | single |
| Flower | opening of petals | present |
| Flower | main colour | yellow |
| Flower | eye zone | present |
| Leaf blade | variegation | absent |
| Petal | shape | type 3 |
| Time of | beginning of flowering | early |

Most Similar Varieties of Common Knowledge identified (VCK) **Comments**

Name

'Cashmere Wind'

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distingu Charact | ishing eristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|--------------------|---------------------|--------------------|--|--|--|
| 'West Coast | Flower | type | single | double | |
| Jewel' | | | | | |
| 'Annie | Flower | eye zone | medium | large | Also has darker red eye |
| Wood' | | size | | | zone colour and larger white area at petal base. |
| 'Kinchen's | Flower | diameter | medium | very large | Also lacks red |
| Yelow' | | | | | colouration of eye zone. |
| 'Lemon Chiffon' | Flower | eye zone | present | absent | Also has strong petal undulations. |

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

| Or | gan/Plant Part: Context | 'Chiffon Breeze' | 'Cashmere Wind' |
|----------|--|---------------------|------------------------|
| | *Plant: growth habit | upright | upright |
| | Plant: height | short | short |
| | Plant: density of branching | medium to dense | medium to dense |
| | Branch: attitude | strongly upwards | moderately upwards |
| | Branch: colour on distal part | yellow green | yellow green |
| | *Leaf blade: length | medium to long | medium |
| | *Leaf blade: width | medium | medium |
| | *Leaf blade: main colour | medium green | medium green |
| | *Leaf blade: variegation | absent | absent |
| • | Leaf blade: lobing | present | absent |
| □ onl | Leaf blade: number of lobes (varieties with lobing y) | none or very few | n/a |
| □ onl | *Leaf blade: depth of lobing (varieties with lobing y) | medium to strong | n/a |
| V | Leaf blade: undulation of margin | medium | absent or very weak |
| V | Leaf blade: type of incisions of margin | crenate | serrate to crenate |
| | *Flower: type | single | single |
| | Flower: opening of petals | present | present |
| □ sen | Flower: overlapping of petals (varieties with single and ni-double flowers only) | ¹ medium | medium |

| □ flox | Flower: crest (v | varieties with single | and semi-double | absent | absent | |
|-----------------|--|--------------------------------------|-------------------|---|-----------------|--|
| V | Flower: diamete | er | | medium | large | |
| | *Flower: main | colour | | yellow | yellow | |
| | Flower: eye zor | ne | | present | present | |
| | Eye zone: size (| (extensions excluded | d) | medium | small to medium | |
| | Eye zone: exter | nsions into petal | | absent or weak | absent or weak | |
| | Eye zone: numl | ber of colours | | two | one | |
| ✓ | Eye zone: main | colour (RHS colour | r chart) | 53C | 44A | |
| | Petal: length | | | medium | medium to long | |
| | Petal: width | | | medium | medium | |
| | Petal: shape | | | type 3 | type 3 | |
| | *Petal: number | of colours (excludin | ng eye zone) | one | one | |
| ✓ | *Petal: main co | blour of inner side (R | Colour Chart) | 16A | 15B | |
| • | *Petal: main co | olour of outer side (R | HS Colour Chart) | 16C | 15D | |
| | Petal: serration | | | absent or very weak absent or very weak | | |
| | Petal: undulation | on of margin | | weak to medium | weak | |
| □ sen | Staminal columni-double flower | nn: length (varieties y s only) | with single and | medium to long | medium | |
| ⊽ and | Staminal colum semi-double flo | nn: main colour (vari owers only) | eties with single | white | yellow | |
| • | Stigma pad: col | lour | | yellow | orange | |
| | Time of: beginn | ning of flowering | | early | early | |
| Pri | Prior Applications and Sales Country Veen Veen Current Status Name Applied | | | | | |
| US. | A | 2005 | Granted | 'Chiffon Breeze' | | |

First sold in the USA in Nov 2004. First Australian sale Aug 2008.

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

| Details of Application | |
|-------------------------------|---|
| Application Number | 2008/331 |
| Variety Name | 'Montego Wind' |
| Genus Species | Hibiscus rosa-sinensis |
| Common Name | Rose Mallow |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Qualified Person | Ian Paananen |
| Details of Comparativ | ve Trial |
| Overseas Testing | United States Patent and Trademark Office (USPTO) |
| Authority | |
| Overseas Data | US PP17,952 |
| Reference Number | |
| Location | Glenorie, NSW |
| Descriptor | Hibiscus (DRAFT) (Hibiscus) TG/HIBIS(proj.3) |
| Period | Jan-Apr 2010 |
| Conditions | Trial conducted open beds, rooted cuttings planted into |
| | 170mm pots filled with soilless potting mix, nutrition |
| | maintained with slow release fertilisers, pest and disease |
| | treatments applied as required. |
| Trial Design | Fifteen pots of each variety arranged in a completely |
| | randomised design. |
| Measurements | 10 plants were selected randomly and observations made in |
| | order to confirm the candidate conforms to the published US |
| | description. |
| | |

RHS Chart - edition 2007

Origin and Breeding

Controlled pollination: seed parent 'YB-1460' x pollen parent 'YB-1593' in 1998. The seed parent is characterised by a bushy plant growth habit, yellow main petal colour and red flower eye zone colour. The pollen parent is characterised by a strong plant growth vigour with variable growth habit, dark yellow main petal colour and red flower eye zone colour. 'Montego Wind' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, USA.

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|------------------------|---|
| Flower | type | single |
| Flower | opening of petals | present |
| Flower | main colour | orange |
| Flower | eye zone | present |
| Leaf blade | variegation | absent |
| Petal | shape | type 3 |
| Time of | beginning of flowering | early |

Name

'Caroline'

Comments

From the same breeder.

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|--------------|-----------------------------------|--|--|--------------------|
| 'YOHIB | Flower main colour | orange | yellow | |
| 'Copenhagen' | Flower diameter | small to medium | large | |
| 'Mary | Flower diameter | small to medium | very large | Also has a lighter |
| Wallace' | | | | petal margin. |
| 'General | Leaf variegation | absent | present | |
| Corteges' | blade | | | |

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

| Org | gan/Plant Part: Context | 'Montego Wind' | 'Caroline' |
|----------|--|------------------------|-----------------------|
| | *Plant: growth habit | upright | upright |
| | Plant: height | short | short |
| | Plant: density of branching | medium to dense | dense |
| | Branch: attitude | strongly upwards | moderately upwards |
| | Branch: colour on distal part | yellow green | yellow green |
| | *Leaf blade: length | medium | medium |
| | *Leaf blade: width | medium | medium |
| | *Leaf blade: main colour | medium green | medium green |
| | *Leaf blade: variegation | absent | absent |
| | Leaf blade: lobing | absent | absent |
| | Leaf blade: shape (varieties without lobing only) | ovate | ovate |
| | Leaf blade: shape of base (varieties without lobing only) | obtuse | obtuse |
| | Leaf blade: shape of apex (varieties without lobing only) | acute | acute |
| • | Leaf blade: undulation of margin | absent or very weak | medium |
| | Leaf blade: type of incisions of margin | crenate | serrate to crenate |
| | *Flower: type | single | single |
| | Flower: opening of petals | present | present |
| □ sen | Flower: overlapping of petals (varieties with single and ni-double flowers only) | medium to strong | medium |
| | Flower: crest (varieties with single and semi-double | absent | absent |

| flower | (ulao |
|--------|---------|
| Tlower | s only) |

| | Flower: diamete | er | | small to medium | medium |
|-----------------|------------------------------|---------------------------------|-----------------------|------------------------|------------------------|
| | *Flower: main of | colour | | orange | orange |
| ✓ | Flower: eye zor | ne | | present | absent |
| | Eye zone: size (| extensions excluded |)) | small | n/a |
| | Eye zone: exten | sions into petal | | absent or weak | n/a |
| | Eye zone: numb | per of colours | | one | n/a |
| | Eye zone: main | colour (RHS colour | chart) | 55B | n/a |
| | Petal: length | | | short to medium | medium |
| | Petal: width | | | narrow to medium | nmedium |
| | Petal: shape | | | type 3 | type 3 |
| | *Petal: number | of colours (excludin | g eye zone) | one | one |
| ✓ | *Petal: main co | lour of inner side (R | HS Colour Chart) | 30C | 28A |
| ✓ | *Petal: main co | lour of outer side (R | HS Colour Chart) | 29B | 32A |
| | Petal: serration | | | absent or very weak | absent or very weak |
| | Petal: undulatio | on of margin | | weak to medium | weak to medium |
| ⊽ dou | Staminal colum | n: length (varieties v | with single and semi- | short to medium | medium to long |
| □ sen | Staminal colum | n: main colour (vari s only) | eties with single and | orange | orange |
| ✓ | Stigma pad: col | our | | medium red | dark red |
| | Time of: beginn | ning of flowering | | early | early |
| Pri | Prior Applications and Sales | | | | |
| US. | A | 2005 | Granted | 'Montego Wind' | |

First sold in the USA in Nov 2004. First Australian sale Aug 2008.

Description: Ian Paananen, Crop & Nursery Services, Central Coast, NSW.
| Details of Application | |
|-------------------------------|--|
| Application Number | 2008/333 |
| Variety Name | 'Reggae Breeze' |
| Genus Species | Hibiscus rosa-sinensis |
| Common Name | Rose Mallow |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Qualified Person | Ian Paananen |
| Details of Comparativ | e Trial |
| Overseas Testing | United States Patent and Trademark Office (USPTO) |
| Authority | |
| Overseas Data | US PP17,591 |
| Reference Number | |
| Location | Glenorie, NSW |
| Descriptor | Hibiscus (DRAFT) (Hibiscus) TG/HIBIS(proj.3) |
| Period | Jan-Apr 2010 |
| Conditions | Trial conducted open beds, rooted cuttings planted into 170mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | 10 plants were selected randomly and observations made in order to confirm the candidate conforms to the published US |
| RHS Chart - edition | 2007 |

Origin and Breeding

Leaf blade

Petal

Time of

Flower

Controlled pollination: seed parent 'YB-2002' x pollen parent 'YB-2055' in 1997. The seed parent is characterised by a bushy plant growth habit, strong growth vigour and golden orange main petal colour. The pollen parent is characterised by a strong plant growth vigour, light orange main petal colour and yellow flower eye zone colour. 'Reggae Breeze' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, USA.

| Variety of Common Kn | owledge | | |
|----------------------|-------------------|--|----|
| Organ/Plant Part | Context | State of Expression in Group of Varietie | es |
| Flower | type | single | |
| Flower | opening of petals | present | |
| Flower | eye zone | present | |

absent

type 3

orange-yellow groups

| Choice of Comparators | Characteristics | used for | grouping | varieties t | to identify | the most | similar |
|------------------------|-----------------|----------|----------|-------------|-------------|----------|---------|
| Variety of Common Know | vledge | | | | - | | |

beginning of flowering early

variegation

main colour

shape

Most Similar Varieties of Common Knowledge identified (VCK)

Name

Comments By the same breeder.

'Largo Breeze' By the

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distingu | ishing | State of Expression | State of Expression in | Comments |
|--------------------------|----------|--------------------|----------------------|------------------------|---|
| | Charact | eristics | in Candidate Variety | Comparator Variety | |
| 'Freddie Brubaker' | Flower | eye zone colour | dark red | red and white | Also has a very large flower diameter. |
| 'Cashmere Wind' | Flower | eye zone size | large | small | Also remained yellow in this climate whereas the candidate turned orange. |
| 'West Coast Jewel' | Flower | type | single | double | |

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

| Org | gan/Plant Part: Context | 'Reggae Breeze' | 'Largo Breeze' |
|-----------|---|------------------------|------------------------|
| | *Plant: growth habit | upright | upright |
| | Plant: height | very short to short | short |
| | Plant: density of branching | dense | dense |
| | Branch: attitude | strongly upwards | strongly upwards |
| ~ | Branch: colour on distal part | yellow green | green brown |
| | *Leaf blade: length | medium | medium |
| | *Leaf blade: width | medium | medium |
| | *Leaf blade: main colour | medium green | medium green |
| \Box | *Leaf blade: variegation | absent | absent |
| • | Leaf blade: lobing | present | absent |
| | Leaf blade: number of lobes (varieties with lobing only) | none or very few | n/a |
| | *Leaf blade: depth of lobing (varieties with lobing only) | weak to medium | n/a |
| | Leaf blade: undulation of margin | absent or very weak | absent or very weak |
| | Leaf blade: type of incisions of margin | serrate to crenate | serrate to crenate |
| | *Flower: type | single | single |
| | Flower: opening of petals | present | present |
| □ sem | Flower: overlapping of petals (varieties with single and ii-double flowers only) | medium | medium to strong |
| □ flov | Flower: crest (varieties with single and semi-double vers only) | absent | absent |

| ✓ | Flower: diameter | | medium | large |
|-----------|---|-----------------------|------------------------|------------------------|
| | *Flower: main colour | | orange | orange |
| | Flower: eye zone | | present | present |
| | Eye zone: size (extensions excluded |) | medium | medium |
| | Eye zone: extensions into petal | | absent or weak | absent or weak |
| | Eye zone: number of colours | | one | one |
| | Eye zone: main colour (RHS colour | chart) | 53A | 53A |
| ✓ | Petal: length | | short to medium | long |
| ✓ | Petal: width | | narrow to medium | n medium to broad |
| | Petal: shape | | type 3 | type 3 |
| | *Petal: number of colours (excludin | g eye zone) | one | one |
| ✓ | *Petal: main colour of inner side (R | HS Colour Chart) | 25C-26B | 23A |
| ✓ | *Petal: main colour of outer side (R | HS Colour Chart) | 28C-D | 32A-32C |
| | Petal: serration | | absent or very weak | absent or very weak |
| • | Petal: undulation of margin | | weak to medium | absent or very weak |
| □ dou | Staminal column: length (varieties v ble flowers only) | vith single and semi- | medium to long | medium to long |
| □ sem | Staminal column: main colour (vario | eties with single and | red | red |
| | Stigma pad: colour | | medium red | dark red |
| | Time of: beginning of flowering | | early | early |
| Pri Co | or Applications and Sales Intry Vear | Current Status | Name Applied | |
| US | A 2005 | Granted | 'Reggae Breeze' | |

First sold in the USA in Nov 2004. First Australian sale Aug 2008.

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

Details of Application

| Application Number | 2009/022 |
|--------------------|---|
| Variety Name | 'Heatwave Sparkle' |
| Genus Species | Salvia hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Plant Growers Australia Pty Ltd, Wonga Park, VIC |
| Agent | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| Location | Wonga Park, VIC, Australia |
|----------------------------|--|
| Descriptor | Salvia (Salvia) PBR SALV 2 |
| Period | Oct 2009 to Mar 2010 |
| Conditions | Trial conducted in the open, plants propagated from cuttings |
| | during Oct 2009, transferred from plugs to 140mm pots in |
| | Nov 2009. Pots filled with soilless, pinebark based mix with |
| | controlled release fertilizers. Appropriate pest and disease |
| | treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised |
| 0 | design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Controlled pollination: occurred between Mar and Apr 2006 at Wonga Park, VIC, Australia. This was part of an ongoing breeding program designed to hybridise forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than *S. greggii* itself). *S.* 'Trewithen' was selected as the maternal parent for its flower colour and was pollinated with *S.* 'Blaze' for its plant habit and flower size. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density medium, corolla predominant colour of lower lip dark mauve (RHS 71C) and corolla presence of central eye zone present. The selection was made and reviewed over a period of months beginning from Oct 2006. From this selection cuttings were taken and further plants grown to maturity. During 2007 further generations were grown in small production trials and once selection was approved for commercialisation these were used as mother stock. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable.

<u>Choice of Comparators</u> 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 of apex | acute |
| Leaf | shape of base | cuneate |
| Leaf | incision of margin | present |
| Calyx | colour at corolla full expansion (RHS colour chart) | brown group |

| Corolla | predominant colour of lower lip | red-purple group |
|---------|---------------------------------|------------------|
| | (RHS colour chart) | |

Most Similar Varieties of Common Knowledge identified (VCK) Name Comments

| 1 Junio | Comments |
|--------------|-------------------|
| 'Trenwithen' | Parental variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Disting | iishing | State of Expression in | State of Expression in |
|---------------|---------|---------------------|------------------------|---------------------------|
| | Charact | teristics | Candidate Variety | Comparator Variety |
| 'Navajo Rose' | Leaf | incisions of margin | present | absent |

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

| Organ/Plant Part: Context | | 'Heatwave Sparkle' | 'Trenwithen' |
|---------------------------|--|--------------------|-------------------|
| | *Plant: growth habit | bushy | upright to bushy |
| | *Plant: density | medium | sparse to medium |
| ✓ | Leaf: shape | elliptic | ovate |
| | Leaf: shape of apex | acute | acute |
| | Leaf: shape of base | cuneate | cuneate |
| | Leaf: incision of margin | present | present |
| ✓ | Leaf: depth of incision | medium to deep | very shallow |
| ✓ | Leaf: type of incision | crenate | dentate |
| ✓ | Leaf: undulation of the margin | medium | very weak |
| | Leaf: prominence of venation | weak to medium | weak to medium |
| ✓ | Leaf: glossiness of upper side | weak | medium to strong |
| | Leaf: presence of variegation | absent | absent |
| | Leaf: predominant colour of upper side (RHS our chart) | yellow-green 146A | yellow-green 146A |
| | Inflorescence: number of flowers per node | 1 or 2 only | 1, 2 or more |
| ✓ | Calyx: anthocyanin colouration | strong | weak to medium |
| | Corolla: predominant colour of lower lip (RHS our chart) | red-purple 71C | red-purple 74A |
| Che | aracteristics Additional to the Descriptor/TC | | |
| Org | gan/Plant Part: Context | 'Heatwave Sparkle' | 'Trenwithen' |
| □ grov | Stem: degree of anthocyanin colouration of new wth | very weak to weak | very weak to weak |
| | Corolla: size | medium to large | small to medium |
| □ cha | Calyx: colour at corolla full expansion (RHS colour rt) | rbrown 200C | brown 200C |

| ✓ | Corolla: presence of cental eye zone on lower lip | present | absent |
|----------|--|-------------------|---------------------|
| □ (RH | Corolla: colour of central eye zone on lower lip IS colour chart) | orange-white 159D | |
| ✓ | Corolla: undulation of margin of lower lip | medium | absent to very weak |

Prior Applications and Sales No prior applications

First sold in Australia in March 2008.

Description: Steve Eggleton, Plant Growers Australia Pty. Ltd., Wonga Park, VIC.

Details of Application

| Application Number | 2009/013 |
|--------------------|---|
| Variety Name | Wendy's Wish |
| Genus Species | Salvia hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 19 Mar 2009 |
| Applicant | Wendy Smith,Rosebud, VIC |
| Agent | Plants Management Australia Pty. Ltd., Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| Location | Wonga Park, VIC, Australia | | |
|---------------------|--|--|--|
| Descriptor | Salvia (new) (Salvia) PBR SALV 2 | | |
| Period | Oct 2009 to Mar 2010 | | |
| Conditions | Trial conducted in the open, plants propagated from cuttings and grown in 50mm tubes during Oct – Nov 2009. On 20 Nov 2009 the tubes were potted and grown on in 140mm containers. Containers filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and | | |
| Trial Design | Twelve pots of each variety in a completely randomised | | |
| Measurements | design. From ten plants randomly selected | | |
| RHS Chart - edition | 1995 | | |

Origin and Breeding

Open pollination: occurred at 9 Cleer Cres, Rosebud, VIC in 2005 in a cultivated garden which included several varieties of Salvias. A hybrid seedling germinated beside *S. mexicana* 'Lolly' and grew to flowering maturity were it was initially selected for on the basis of its flower, stem and calyx colour. Although it grew in closest proximity to 'Lolly' its characteristics more closely resemble hybridization between *S. buchananii*, *S. chiapensis* and possibly *S.* 'Purple Majesty' also growing in the garden. Several cuttings were taken from the selection to grow a second generation. The original plant continued to be assessed. Final selection criteria: plant growth habit bushy to spreading, length of flowering season long, corolla colour red-purple, and calyx colour greyed-purple. All subsequent generations have remained uniform and stable. Propagation: will continue to be via cuttings.

<u>Choice of Comparators</u> 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 | incision of margin | present |
| Leaf | shape of base | cuneate |
| Leaf | type of incision | dentate |
| Leaf | presence of variegation | absent |
| Leaf | undulation of the margin | absent to very weak |
| Corolla | predominant colour of tube | red purple group |
| Corolla | predominant colour of lower lip | red purple group |

Most Similar Varieties of Common Knowledge identified (VCK) Comments

Name

S. buchananii

S. chiapensis

Varieties of Common Knowledge identified and subsequently excluded State of Expression in State of Expression in Distinguishing Variety **Characteristics Candidate Variety Comparator Variety** 'Purple Majesty' Predominant colour red purple group purple violet group corolla of lower lip

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

| Org | gan/Plant Part: Context | Wendy's Wish' | S. buchananu | S. chiapensis |
|----------|--|-----------------------------|--------------------------|------------------------|
| ~ | *Plant: growth habit | bushy to spreading | upright to bushy | bushy to spreading |
| ✓ | *Plant: density | sparse to medium | medium to dense | medium |
| ✓ | Leaf: shape | ovate | elliptic | ovate |
| • | Leaf: shape of apex | acute | obtuse | acute |
| | Leaf: shape of base | cuneate | cuneate | cuneate |
| | Leaf: incision of margin | present | present | present |
| ✓ | Leaf: depth of incision | medium | shallow | medium |
| | Leaf: type of incision | toothed | toothed | toothed |
| | Leaf: undulation of the margin | absent to very weak | absent to very weak | absent to very weak |
| ✓ | Leaf: prominance of venation | medium | medium | strong |
| • | Leaf: glossiness of upper side | weak | strong to very strong | medium |
| | Leaf: presence of variegation | absent | absent | absent |
| □ (RH | Leaf: predominant colour of upper side IS colour chart) | yellow-green 147A | yellow-green 147A | yellow-green 147A |
| □ nod | Inflorescence: number of flowers per e | 1, 2 or more | 1, 2 or more | 1, 2 or more |
| ~ | Caylx: anthocyanin colouration | strong to very strong | medium to strong | weak to medium |
| ₽ (RH | Corolla: predominant colour of lower lip IS colour chart) | ^p red-purple 64B | red-purple 64B | red-purple 74A |
| | | | | |

Characteristics Additional to the Descriptor/TG

| Or | gan/Plant Part: Context | 'Wendy's Wish' | S. buchananii | S. chiapensis |
|----------------|--|-----------------------|-----------------------|----------------------|
| ⊽ of | Stem: degree of anthocyanin colouration new growth | ¹ Weak | strong | weak |
| ✓ | Peduncle: colour at flowering point | greyed-purple 187B | greyed-orange 166A | yellow-green 146A |

(RHS colour chart)

| ☑ (RH | Calyx: colour before corolla emergence (S colour chart) | greyed-purple 187B+C | brown 200D | greyed-purple 183B and yellow- green 144A |
|----------|--|--|-------------------------|---|
| ₽ (RH | Calyx: colour after corolla senescence IS colour chart) | greyed-purple 187B+C and greyed yellow 160B | yellow-green 152A | greyed-purple 183B and yellow- green 144A |
| • | Bract: colour (RHS colour chart) | greyed-purple 186A+B | greyed-purple 187A+B | brown 200D |
| ✓ | Corolla: size | large | large | small |
| ✓ | Corolla: degree of hairiness | medium | strong | medium |
| □ (RE | Corolla: predominate colour of tube (S colour chart) | red-purple 64B | red-purple 71C | red-purple 71A |

Prior Applications and Sales

No prior applications.

First sold in Australia in Feb 2008

Description: Steve Eggleton, Plant Growers Australia Pty. Ltd., Wonga Park, VIC

| Details of Application | |
|--|---|
| Application Number | 2009/021 |
| Variety Name | 'Heatwave Blast' |
| Genus Species | Salvia hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Plant Growers Australia Pty Ltd, Wonga Park, VIC |
| Agent | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |
| | |
| \mathbf{D} \mathbf{A} \mathbf{H} \mathbf{C} \mathbf{C} | |

Details of Comparative Trial

| Location | Wonga Park, VIC, Australia |
|----------------------------|--|
| Descriptor | Salvia (new) (Salvia) PBR SALV 2 |
| Period | Oct 2009 to Mar 2010 |
| Conditions | Trial conducted in the open, plants propagated from cuttings |
| | during Oct 2009, transferred from plugs to 140mm pots in |
| | Nov 2009. Pots filled with soilless, pinebark based mix with |
| | controlled release fertilizers. Appropriate pest and disease |
| | treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised |
| | design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995. |

Origin and Breeding

Controlled pollination: occurred between Mar and Apr 2006 at Wonga Park, VIC, Australia. This was part of an ongoing breeding program designed to hybridize forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than *S. greggii* itself). *S.* 'Ribbongelle' was selected as the maternal parent for its flower colour and was pollinated with *S.* 'Blaze' for its plant habit and flower size. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density medium to dense and corolla predominant colour of lower lip mid salmon (RHS 48A). The selection was made and reviewed over a period of months beginning from Oct 2006. From this selection cuttings were taken and further plants grown to maturity. During 2007 further generations were grown in small production trials and once selection was approved for commercialisation these were used as mother stock. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable.

| variety of Common | Knowledge | |
|-------------------------|---|---|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Leaf | shape of apex | acute |
| Leaf | shape of base | cuneate |
| Leaf | incision of margin | present |
| Leaf | presence of variegation | absent |
| Corolla | predominant colour of lower lip (RHS colour chart) | red – red purple |
| | | |

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

| Most Similar Varieties of Common Knowledge identified (VCK | | |
|--|------------------|--|
| Name | Comments | |
| 'Heatwave Blaze' | Parental variety | |
| 'Ribbongelle' | Parental variety | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distingu | ishing | State of Expression in | State of Expression in |
|---------------------|-----------|----------------------------|---------------------------|---------------------------|
| | Charact | eristics | Candidate Variety | Comparator Variety |
| 'Navajo Salmon Red' | Leaf | incision of margin | present | absent |
| Variety Description | and Disti | <u>nctness</u> - Character | ristics which distinguish | the candidate from one or |

more of the comparators are marked with a tick.

| Org | gan/Plant Part: Context | 'Heatwave Blast' | 'Heatwave Blaze' | 'Ribbongelle' |
|-----------|---|-------------------|--------------------------|-------------------------|
| | *Plant: growth habit | bushy | bushy to spreading | upright to bushy |
| ✓ | *Plant: density | medium to dense | medium | sparse to medium |
| ✓ | Leaf: shape | elliptic | ovate | ovate |
| | Leaf: shape of apex | acute | acute | acute |
| | Leaf: shape of base | cuneate | cuneate | cuneate |
| | Leaf: incision of margin | present | present | present |
| | Leaf: depth of incision | shallow to medium | shallow to medium | very shallow to shallow |
| ✓ | Leaf: type of incision | dentate | crenate | dentate |
| | Leaf: undulation of the margin | weak | weak | very weak |
| ✓ | Leaf: prominance of venation | medium | medium | very weak to weak |
| ✓ | Leaf: glossiness of upper side | medium | medium | weak |
| | Leaf: presence of variegation | absent | absent | absent |
| □ side | Leaf: predominant colour of upper (RHS colour chart) | yellow-green 146B | yellow-green 146B | yellow-green 146B |
| □ per | Inflorescence: number of flowers node | 1 or 2 only | 1, 2 or more | 1 or 2 only |
| • | Calyx: anthocyanin colouration | weak | strong to very strong | medium |
| | Corolla: predominant colour of | red 48A | red-purple 60A | red 37B |

lower lip (RHS colour chart)

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Heatwave Blast' | 'Heatwave Blaze' | 'Ribbongelle' |
|--|-------------------|--------------------|-------------------|
| Stem: degree of anthocyanin colouration of new growth | very weak to weak | weak | very weak to weak |
| Corolla: size | medium | medium to large | medium |
| Calyx: colour at corolla full expansion (RHS colour chart) | grey-brown 199A | greyed-purple 187A | brown 200C |

| Zone | Corolla: presence of cental eye on lower lip | present | absent | present |
|-----------|--|-------------------|--------|-------------------|
| on lo | Corolla: colour of central eye zone ower lip (RHS colour chart) | orange-white 159D | | orange-white 159B |
| ☑ lowe | Corolla: undulation of margin of er lip | weak | medium | strong |

Prior Applications and Sales No prior applications.

First sold in Australia in March 2008.

Description: Steve Eggleton, Plant Growers Australia Pty. Ltd., Wonga Park, VIC.

| Details of Application | |
|-------------------------------|---|
| Application Number | 2009/024 |
| Variety Name | 'Heatwave Glimmer' |
| Genus Species | Salvia hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Plant Growers Australia Pty Ltd, Wonga Park, VIC |
| Agent | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |
| | |

Details of Comparative Trial

| Location | Wonga Park, VIC, Australia |
|----------------------------|--|
| Descriptor | Salvia (new) (Salvia) PBR SALV 2 |
| Period | Oct 2009 to Mar 2010 |
| Conditions | Trial conducted in the open, plants propagated from cuttings |
| | during Oct 2009, transferred from plugs to 140mm pots in |
| | Nov 2009. Pots filled with soilless, pinebark based mix with |
| | controlled release fertilisers. Appropriate pest and disease |
| | treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised |
| - | design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Controlled pollination: occurred between Mar and Apr 2006 at Wonga Park, VIC, Australia. This was part of an ongoing breeding program designed to hybridise forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than *S. greggii* itself). *S.* 'Trebah' was selected as the maternal parent for its flower colour and was pollinated with *S.* 'Blaze' for its plant habit and flower size. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density medium to dense, corolla predominant colour of lower lip very pale yellow (RHS 10D) and calyx anthocyanin colouration strong. The selection was made and reviewed over a period of months beginning from Oct 2006. From this selection cuttings were taken and further plants grown to maturity. During 2007 further generations were grown in small production trials and once selection was approved for commercialization these were used as mother stock. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable.

<u>Choice of Comparators</u> 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 | ovate |
| Leaf | shape of apex | acute |
| Leaf | shape of base | cuneate |
| Leaf | incision of margin | present |
| Leaf | type of incision | dentate |
| | | |

| Leaf | undulation of the margin | very weak |
|---------------|-----------------------------------|-------------------|
| Leaf | presence of variegation | absent |
| Inflorescence | number of flowers per node | 1 or 2 only |
| Corolla | presence of central eye zone on | absent |
| | lower lip | |
| Corolla | undulation of margin of lower lip | very weak to weak |

Most Similar Varieties of Common Knowledge identified (VCK) Name Comments

'Trebah'

Parental variety.

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguis Character | hing ristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|-------------------------|-------------------------|---|--|--|
| 'La Luna' | Calyx | degree of anthocyanin colouration | strong | absent or very weak |
| 'Moonlight Serenade' | Plant | density | medium to dense | sparse |
| | Leaf | glossiness of upper side | weak | strong |

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

| Organ/Plant Part: Context | | 'Heatwave Glimmer' | 'Trebah' |
|---------------------------|--|---------------------------|---------------------|
| ✓ | *Plant: growth habit | bushy to spreading | upright to bushy |
| | *Plant: density | medium to dense | sparse to medium |
| | Leaf: shape | ovate | ovate |
| | Leaf: shape of apex | acute | acute |
| | Leaf: shape of base | cuneate | cuneate |
| | Leaf: incision of margin | present | present |
| | Leaf: depth of incision | shallow | very shallow |
| | Leaf: type of incision | dentate | dentate |
| | Leaf: undulation of the margin | very weak | very weak |
| • | Leaf: prominence of venation | medium | weak |
| ✓ | Leaf: glossiness of upper side | weak | medium |
| | Leaf: presence of variegation | absent | absent |
| | Leaf: predominant colour of upper side (RHS pur chart) | yellow-green 146B | yellow-green146A |
| | Inflorescence: number of flowers per node | 1 or 2 only | 1 or 2 only |
| ✓ | Calyx: anthocyanin colouration | strong | absent or very weak |
| • | Corolla: predominant colour of lower lip (RHS | yellow 10D | white 155D |

colour chart)

| Ch | Characteristics Additional to the Descriptor/TG | | | |
|------------------|---|--------------------|-------------------|--|
| Org | gan/Plant Part: Context | 'Heatwave Glimmer' | 'Trebah' | |
| □ gro | Stem: degree of anthocyanin colouration of new wth | weak | very weak to weak | |
| | Corolla: size | medium to large | small | |
| ⊡ cole | Calyx: colour at corolla full expansion (RHS our chart) | brown 200B | yellow-green 144A | |
| □ lip | Corolla: presence of central eye zone on lower | absent | absent | |
| | Corolla: undulation of margin of lower lip | very weak to weak | very weak to weak | |
| . . | | | | |

Prior Applications and Sales

No prior applications.

First sold in Australia in Mar 2008.

Description: Steve Eggleton, Plant Growers Australia Pty. Ltd., Wonga Park, VIC.

Details of Application

| Application Number | 2009/023 |
|-------------------------|---|
| Variety Name | 'Heatwave Glitter' |
| Genus Species | Salvia hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Plant Growers Australia Pty Ltd, Wonga Park, VIC |
| Agent | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| Location | Wonga Park, VIC, Australia |
|----------------------------|--|
| Descriptor | Salvia (Salvia) PBR SALV 2 |
| Period | Oct 2009 to Mar 2010 |
| Conditions | Trial conducted in the open, plants propagated from cuttings |
| | during Oct 2009, transferred from plugs to 140mm pots in |
| | Nov 2009. Pots filled with soilless, pinebark based mix with |
| | controlled release fertilizers. Appropriate pest and disease |
| | treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised |
| 0 | design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Controlled pollination: occurred between Mar and Apr 2006 at Wonga Park, VIC, Australia. This was part of an ongoing breeding program designed to hybridize forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than *S. greggii* itself). *S.* 'Trenance' was selected as the maternal parent for its flower colour and was pollinated with *S.* 'Blaze' for its plant habit and flower size. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density dense and corolla predominant colour of lower lip pale mauve (RHS 74C). The selection was made and reviewed over a period of months beginning from Oct 2006. From this selection cuttings were taken and further plants grown to maturity. During 2007 further generations were grown in small production trials and once selection was approved for commercialization these were used as mother stock. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable.

| variety of Common | Kilowicuge | |
|-------------------------|---------------------------------|---|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Leaf | shape | ovate |
| Leaf | shape of apex | acute |
| Leaf | shape of base | cuneate |
| Leaf | incision of margin | present |
| Leaf | depth of incisions | very shallow to shallow |
| Corolla | presence of central eye zone on | present |
| | | |

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

| | lower lip | |
|---------|---------------------------------|------------------|
| Corolla | predominant colour of lower lip | red-purple (74C) |
| | (RHS colour chart) | |

Most Similar Varieties of Common Knowledge identified (VCK)

Name 'Trenance' **Comments** Parental variety.

Varieties of Common Knowledge identified and subsequently excluded

| Variety Distinguishing Characteristics | | State of ExpressionState of Expression in | | |
|--|---------------------------|---|-------------------------|---------------------------|
| | | | in Candidate Variety | Comparator Variety |
| 'Heatwave Sparkle' 'Heatwave Sparkle' | Leaf shape Calyx anthe | e ocyanin colouration | ovate medium | elliptic strong |
| 'Navajo Rose' | Leaf incisi | sions of margin | present | absent |

<u>Variety Description and Distinctness</u> - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick. Organ/Plant Part: Context 'Heatwave Glitter' 'Trenance'

| ΟĮ | gan/1 lant 1 alt. Context | Heatwave Gitter | Trenance |
|----------|--|-------------------------|-------------------------|
| v | *Plant: growth habit | bushy to spreading | upright to bushy |
| • | *Plant: density | dense | sparse to medium |
| | Leaf: shape | ovate | ovate |
| | Leaf: shape of apex | acute | acute |
| | Leaf: shape of base | cuneate | cuneate |
| | Leaf: incision of margin | present | present |
| | Leaf: depth of incision | very shallow to shallow | very shallow to shallow |
| | Leaf: type of incision | dentate | dentate |
| | Leaf: undulation of the margin | absent to very weak | very weak |
| | Leaf: prominence of venation | very weak to weak | weak |
| | Leaf: glossiness of upper side | medium | medium to strong |
| | Leaf: presence of variegation | absent | absent |
| □ cha | Leaf: predominant colour of upper side (RHS colour rt) | yellow-green 146A | yellow-green 144C |
| | Inflorescence: number of flowers per node | 1 or 2 only | 1 or 2 only |
| | Calyx: anthocyanin colouration | medium | weak to medium |
| □ cha | Corolla: predominant colour of lower lip (RHS colour rt) | red-purple 74C | red-purple 74C |
| | | | |

<u>Characteristics Additional to the Descriptor/TG</u> Organ/Plant Part: Context

Stem: degree of anthocyanin colouration of new

very weak to weak very weak to weak

| grov | wth | | |
|-----------|--|-------------------|-------------------|
| ✓ | Corolla: size | medium to large | small to medium |
| Char | Calyx: colour at corolla full expansion (RHS colour rt) | yellow-green 144C | yellow-green 144C |
| | Corolla: presence of central eye zone on lower lip | present | present |
| □ colo | Corolla: colour of central eye zone on lower lip (RHS our chart) | red-purple 69D | red-purple 69D |
| ✓ | Corolla: undulation of margin of lower lip | strong | weak |
| | | | |

Prior Applications and Sales No prior applications.

First sold in Australia in March 2008.

Description: Steve Eggleton, Plant Growers Australia Pty. Ltd., Wonga Park, VIC.

Details of Application

| Application Number | 2001/139 |
|--------------------|--------------------------------------|
| Variety Name | 'TMGH' |
| Genus Species | Magnolia grandiflora |
| Common Name | Southern Magnolia |
| Synonym | - |
| Accepted Date | 20/11/01 |
| Applicant | Tree Introductions Inc, Georgia, USA |
| Agent | Fleming's Nurseries Pty Ltd |
| Oualified Person | Peter Todd |

Details of Comparative Trial

| Overseas Testing | United States Patents and Trademark Office |
|----------------------------|--|
| Authority | |
| Overseas Data | PP 11,612 |
| Reference Number | |
| Location | Where possible the US Plant Patent data was verified under |
| | local conditions in Monbulk, VIC. |
| Descriptor | Magnolia (<i>Magnolia</i>) PBR MAGN |
| Period | Mid April 2005. |
| Conditions | Plants were grown vegetatively. All trees are healthy and growing evenly with no obvious signs of disease or stress. |
| Trial Design | Completely randomised block. |
| Measurements | From all trial plants. |
| RHS Chart - edition | 1986 |

Origin and breeding

Seedling selection: The present variety relates to a new and distinct variety of *Magnolia grandiflora*, Southern Magnolia, which has been given the varietal name 'TMGH'. 'TMGH' was developed in 1993 from a chance seedling of 'Hasse' Southern Magnolia (believed unpatented) growing in a production field at Bulloch County, Ga, USA. This new variety originated as a seedling planted in spring 1989, and was then transplanted into the field in Jul 1989, as a six to eight inch liner. As the tree was observed by Thomas Julian Strickland in 1993, it's uniqueness became apparent because of its compact, narrow, dark green leaves with rusty-brown under-sides and dense, narrow, upright growing habit. Breeder: Thomas Julian Strickland, USA.

| Choice of Comparators | Characteristics used for | grouping | varieties to | identify | the |
|------------------------------|--------------------------|----------|--------------|----------|-----|
| most similar Variety of C | ommon Knowledge | | | | |

| Organ/ Plant Part | Context | State of Expression in Group of Varieties |
|---------------------------|-----------------------|---|
| Leaf | colour of upperside | dark green |
| Leaf | shape | Elliptic |
| Flower | main colour | White |
| Most Similar Varie | eties of Common Kn | <u>owledge identified (VCK)</u> |
| Name | Comments | |
| 'Little Gem' | upperside of the lear | f surface is dark green and has a medium |
| | brown coloured und | lerside leaf surface similar to 'TMGH'. |
| 'Hasse' | upright form, althou | igh not to the extent of 'TMGH'. The |
| | upperside of the lear | f surface is dark green. |
| 'MGTIG' | also has an upright f | form with the upperside of the leaf surface |
| | being a waxy green. | |
| Variety Description | and Distinctness - | Characteristics which distinguish the |

| Or Co | gan/Plant Part: ntext | 'TMGH' | 'Hasse' | 'Little Gem' | 'MGTIG' |
|----------|--------------------------|-------------------|------------|-------------------|--------------------|
| | Plant: seasonality | evergreen | evergreen | evergreen | evergreen |
| | Plant: type | tree | tree | Tree | tree |
| ✓ | Plant: growth habit | bushy | upright | bushy | upright |
| □ upp | Leaf: colour of perside | dark green | dark green | dark green | dark green |
| | Leaf: length of blade | medium to long | long | medium to long | long |
| | Leaf: width of blade | narrow to medium | medium | narrow to medium | medium to broad |
| | Leaf: shape | elliptic | elliptic | elliptic | elliptic |
| | Leaf: main colour | dark green | dark green | Dark green | dark green |

dark green

large to very

large

white

Dark green

large to very

large

white

dark green

medium to

large

white

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

Characteristics Additional to the Descriptor/TG

dark green

large to very

large

white

| Org Cor | gan/Plant Part: ntext | 'TMGH' | 'Hasse' | 'Little Gem' | 'MGTIG' |
|------------------|------------------------------|-----------|-------------|--------------|-------------|
| ⊽ vari | Leaf: presence of egation | present | absent | absent | absent |
| ⊽ vari | Leaf: type of egation | marginal | | | |
| ⊡ vari | Leaf: extent of egation | very low | | | |
| ₹ (RE | Leaf: primary colour IS) | 139A | | | 137A |
| ✓ | Leaf: underside | mid brown | light brown | mid brown | light green |
| • | Leaf: underside (RHS) | 165B | | | 146B |

Prior Applications and Sales

upper side

Flower: diameter

Flower: main colour

 \Box

 \Box

| Country | Year | Current Status | Name Applied |
|---------|------|----------------|--------------|
| EU | 2004 | Granted | 'TMGH' |
| USA | 1998 | Granted | 'TMGH' |

First sold in USA March 1999.

Description: Peter Todd, Fleming's Nurseries Pty Ltd, Monbulk, VIC.

| Details of Application | |
|-------------------------------|--|
| Application Number | 2008/287 |
| Variety Name | 'Permatas' |
| Genus Species | Trifolium tumens |
| Common Name | Talish clover |
| Synonym | |
| Accepted Date | 15 Dec 2008 |
| Applicant | The Crown in Right of the State of Tasmania through the |
| | Department of Primary Industries, Water and Environment, |
| | Hobart, TAS and University of Tasmania, Hobart, TAS |
| Agent | |
| Qualified Person | Andrea Hurst, DPIWE, TAS. |
| | |
| Details of Comparativ | <u>ve Trial</u> |
| Location | Mt Pleasant Laboratories, Launceston, TAS |
| Descriptor | Talish clover (Trifolium tumens) PBR TALI |
| Period | Sep 2008 to Jan 2010 |
| Conditions | Seed was germinated on pads on 1 Sep 2008 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 fertilser and transferred to an outside trial site under overhead irrigation. Plants were given soluble fertiliser as required. Snail bait was applied at regular intervals. Weeds were controlled by hand.

Randomised block, 3 treatments, 8 replicates, 12 plants per

Ninety-six plants of each variety were grown and measured.

Measurements RHS Chart - edition plot.

Trial Design

Origin and Breeding

Controlled pollination: 4 cycles of recurrent phenotypic selection for seedling vigour, seed production, stolon production and anthocyanin leaf flecking. Cross-pollination of selections occurred in isolation. 'Permatas' was developed from accession PI 631719, collected in the former Soviet Union and received by the USDA in Jul 1939. Seed received from USDA, Jul 2002. Held by the Department of Primary Industries, Water and Environment, Launceston TAS as accession Tas 2568. In 2002 52 seedlings grown. 11 seedlings planted on weed mat at Mt. Pleasant Laboratories, Launceston TAS for characterisation of the accession. Seed collected from 2 plants with the greatest vigour, high seed production and strong leaf marking. These 2 plants were also found to be stoloniferous. Seed from selections germinated in Apr 2003. 10 seedlings with the greatest vigour planted into weed mat and at harvest seed collected from the single most vigorous plant. 230 seedlings grown. In 2004 45 plants with the most vigour and with anthocyanin pigment planted in field isolation and harvested with no further selections. The 4th selection was made in 2005. 576 seedlings germinated. Reselected for vigour and anthocyanin pigmentation. Mode of propogation: seed.

<u>Choice of Comparators</u> 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 | tetraploid |
| Plant | time of flowering | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

Name

 \checkmark

V

Mean

Mean

LSD/sig

LSD/sig

Std. Deviation

Std. Deviation

Leaf: % plants with central leaf crescent

Leaf: % leaves per plant with a central leaf crescent

| Comments | |
|----------|--|
| | |

'PI 631719' Parent material
 <u>Variety Description and Distinctness</u> - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

| Org | gan/Plant Part: Context | 'Permatas' | 'PI 631719' |
|-----------|--|-------------------|--------------------|
| | Plant: ploidy | tetraploid | tetraploid |
| □ hor | Plant: time of flowering (when 3 inflorescences per plant | medium | medium |
| nav | e i corona emerged) | | |
| | Inflorescence: colour | white | white |
| ✓ | Leaf: % plants with anthocyanin flecking | high to very high | medium |
| ✓ | Leaf: % leaves per plant with anthocyanin flecking | medium to high | very low to low |
| V | Leaf: intensity of central leaf crescent | strong | weak to medium |
| ✓ | Leaf: % plants with central leaf crescent | very high | high |
| ✓ | Leaf: % leaves per plant with a central leaf crescent | very high | high |
| □ ster | Inflorescence: peduncle length (base of inflorescence to n) | medium | medium to long |
| • | Inflorescence: % plants with peduncle anthocyanin | very high | high |
| | Inflorescence: % peduncles per plant with anthocyanin puration | medium | low to medium |
| ✓ | Seed: 1000 seed weight | low to medium | medium to high |
| Sta | tistical Table | | |
| Org | gan/Plant Part: Context | 'Permatas' | 'PI 631719' |
| | Leaf: % plants with anthocyanin flecking | | |
| Me | an | 87.22 | 52.08 |
| Std | . Deviation | 9.00 | 12.40 |
| LSI | D/sig | 13.95 | P≤0.01 |

100.00

0.00

7.66

99.89

0.30

8.01

79.17

8.90

P≤0.01

78.65

9.20

P≤0.01

| .04 17.86 |
|------------|
| 90 7.90 |
| .25 P≤0.01 |
| |

Prior Applications and Sales Nil.

Description: Andrea Hurst and Eric Hall, Tasmanian Instutitue of Agricultural Research, Launceston, TAS.

| Details of Application | |
|-------------------------------|--|
| Application Number | 2008/025 |
| Variety Name | 'LongReach Beaufort' |
| Genus Species | Triticum aestivum |
| Common Name | Wheat |
| Synonym | Nil |
| Accepted Date | 18 Mar 2008 |
| Applicant | C.C. Benoist, Orgerus, France |
| Agent | LongReach Plant Breeders Management Pty Ltd, Bundoora, |
| | VIC |
| Qualified Person | Stephen Moore |

Details of Comparative Trial

| Location | The University of Sydney Plant Breeding Institute, Narrabri |
|----------------------------|---|
| | NSW |
| Descriptor | Wheat (triticum aestivum) TG/3/11 |
| Period | May to Nov 2009 |
| Conditions | Sown into long fallow self mulching grey clay soil, Field |
| | D1A,50kg/ha Urea applied pre planting. |
| Trial Design | Plots arranged in randomised complete blocks, 12m long and |
| | 2m wide (5 rows) in 4 replicates. |
| Measurements | Taken from 20 random plants per replicate from |
| | approximately 2,500 plants. |
| RHS Chart - edition | Nil |

Origin and Breeding

Controlled pollination: H93-179/H95-322. The cross was made in France in 1995 followed by pedigree selection. From F_2 generation, 118 plants were selected and grown in head rows. Four lines were selected from F_3 head rows and 2 lines were retained in F_4 generation for further evaluation. From this, a single line was selected in F_5 generation and it was grown as F_6 in multi location yield and quality trials in Southern France. Then this line sent was to New Zealand in 2001, for further testing as F_7 generation and planted in LongReach Plant Breeders selection and quarantine nursery in Lincoln, New Zealand. From this nursery P01002245-2904 was selected and F_8 seed was sent to Australia for further testing. In Australia, this line was redesignated as LR01102245 and planted in quarantine nursery in Werribee, VIC. In 2003, LR01102245 entered into Stage 1 trials. The Stage 2 breeder's seed production commended in 2005 in Horsham, VIC. In 2007 pre-basic seed production repeated. LR01102245 was released as 'LongReach Beaufort'. Selection criteria: yield, disease resistance and quality. Breeder: C.C. Benoist, Orgerus, France.

| Choic | e of Comparator | s Characteristics use | ed for grouping | varieties to | o iden | tify | the mos | t simi | lar | |
|--------|-----------------|-----------------------|-----------------|--------------|--------|------|---------|--------|-----|---|
| Variet | y of Common Kn | owledge | | | | • | | | | |
| _ | | | | | - | - | | | | 1 |

| 5 | 0 | |
|-------------------------|-----------------------|---|
| Organ/Plant Part | Context | State of Expression in Group of Varieties |
| Straw | pith in cross section | thin |
| Ear | colour | white |
| Awns or scurs | presence | scurs present |
| Seasonal | type | spring |

Most Similar Varieties of Common Knowledge identified (VCK)NameComments

'Sunlin'

| Varieties of Common Knowledge identified and subsequently excluded | | | | | | |
|--|-------------------------|----------------|------------------------|---------------------------|--|--|
| Variety | Distinguishing C | haracteristics | State of Expression in | State of Expression in | | |
| | | | Candidate Variety | Comparator Variety | | |
| 'Chara' | Awns or scurs | presence | scurs present | awn present | | |

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

| Org | gan/Plant Part: Context | 'LongReach Beaufort' | 'Sunlin' |
|------------------|--|-----------------------------|-----------------------|
| ✓ | *Plant: growth habit | semi-prostrate | intermediate |
| ⊡ auri | Flag leaf: anthocyanin colouration of cles | absent or very weak | very strong |
| ✓ | *Time of: ear emergence | medium | early |
| • | *Flag leaf: glaucosity of sheath | very strong | strong |
| | *Ear: glaucosity | strong to very strong | strong to very strong |
| | Culm: glaucosity of neck | very strong | very strong |
| | *Straw: pith in cross section | thin | thin |
| | *Ear: shape in profile | parallel sided | parallel sided |
| ✓ | *Ear: density | medium | lax |
| | *Awns or scurs: presence | scurs present | scurs present |
| ✓ | *Awns of scurs at tip of ear: length | very short | short |
| | *Ear: colour | white | white |
| ⊡ surf | Apical rachis segment: hairiness of convex | medium to strong | weak |
| ✓ | Lower glume: shoulder width | medium | very broad |
| | Lower glume: shoulder shape | slightly sloping to straigh | tstraight |
| ✓ | Lower glume: beak length | short | very short |
| | Lower glume: beak shape | straight to slightly curved | straight |
| | Lower glume: extent of internal hair | weak | weak |
| | Lowest lemma: beak shape | slightly curved | slightly curved |
| | *Grain: colour | medium red | white |
| | *Seasonal type: | spring type | spring type |
| <u>Sta</u> | tistical Table | | |
| Org | gan/Plant Part: Context | 'LongReach Beaufort' | 'Sunlin' |

Plant length: length (mm)

| Mean | 767.00 | 778.66 |
|-------------------------|--------|--------|
| Std. Deviation | 58.31 | 68.66 |
| LSD/sig | 39.50 | ns |
| Ear length: length (mm) | | |
| Mean | 96.20 | 121.15 |
| Std. Deviation | 5.71 | 8.92 |
| LSD/sig | 7.64 | P≤0.01 |

Prior Applications and Sales

Nil.

Description: Stephen Moore, University of Sydney, Plant Breeding Institute, Narrabri, NSW.

Details of Application

| Application Number | 2006/300 |
|--------------------|---|
| Variety Name | 'Naparoo' |
| Genus Species | Triticum aestivum |
| Common Name | Wheat |
| Synonym | Nil |
| Accepted Date | 13 Jun 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 (Triticum aestivum) TG/3/11 | | |
| Period | May to Dec 2006 | | |
| Conditions | Sown into long fallowed self-mulching black soil, Field H3B, 50kgN/ha Anhydrous Ammonia applied pre planting. | | |
| | | | |
| Trial Design | Plots arranged in randomised complete blocks, 12m long and | | |
| - | 2m wide (7 rows) in 3 replicates. | | |
| Measurements | Taken from 20 random plants per replicate from | | |
| | approximately 2,500 plants. | | |
| RHS Chart - edition | Nil | | |

Origin and Breeding

Controlled pollination: Lawson//3Ag14/3*M3087. The cross was made in 1991, Initial cycles of single plant selection for rust resistance at PBI, Cobbitty were followed by selection at Narrabri for agronomic attributes from BCF₁ to BCF₃. Multi site evaluation for dry matter, grazing recovery and disease resistance was conducted from 1999 to 2005. Selection criteria: rust resistance, dry matter yield and grazing recovery. Breeder: The University of Sydney, Plant Breeding Institute.

<u>Choice of Comparators</u> 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 |
|-----------------------------|------------------|---|
| Ear | colour | white |
| Ear | shape in profile | parallel sided |
| Awns or scurs | presence | scurs present |
| Awns of scurs at tip of ear | length | very short |
| Grain | colour | white |
| Seasonal | type | spring |
| | | |

| Most Similar | Varieties of Common Knowledge identified (VCK) |
|--------------|--|
| Name | Commente |

| Name | | Commen | lls | |
|--|----------|------------|------------------------|---------------------------|
| 'Marombi | , | | | |
| Varieties of Common Knowledge identified and subsequently excluded | | | | |
| Variety Distinguishing Characteristics | | cteristics | State of Expression in | State of Expression in |
| | | | Candidate Variety | Comparator Variety |
| 'Lawson' | Seasonal | type | spring type | winter type |

| Or | gan/Plant Part: Context | 'Naparoo' | 'Marombi' |
|--------|--|------------------------------|----------------------------|
| • | *Plant: growth habit | semi-prostrate | semi-erect to intermediate |
| | Flag leaf: anthocyanin colouration of auricles | absent or very weak | absent or very weak |
| \Box | Plant: frequency of plants with recurved flag leaves | very low to low | very low to low |
| | *Time of: ear emergence | medium to late | medium |
| | *Flag leaf: glaucosity of sheath | weak to medium | weak |
| • | *Ear: glaucosity | weak to medium | strong to very strong |
| \Box | Culm: glaucosity of neck | very strong | very strong |
| • | *Straw: pith in cross section | medium | thin |
| | *Ear: shape in profile | parallel sided | parallel sided |
| | *Ear: density | lax to medium | medium |
| | Ear: length | medium | medium |
| | *Awns or scurs: presence | scurs present | scurs present |
| | *Awns of scurs at tip of ear: length | very short | very short |
| | *Ear: colour | white | white |
| | Apical rachis segment: hairiness of convex surface | absent or very weak | absent or very weak |
| • | Lower glume: shoulder width | narrow | broad to very broad |
| | Lower glume: shoulder shape | slightly sloping to straight | straight |
| | Lower glume: beak length | very short | very short |
| | Lower glume: beak shape | straight to slightly curved | straight |
| | Lower glume: extent of internal hair | very weak | very weak |
| | Lowest lemma: beak shape | straight | straight |
| | *Grain: colour | white | white |
| | *Seasonal type: | spring type | spring type |
| ~ | | | |

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

Characteristics Additional to the Descriptor/TG Organ/Plant Part: Context

| | 0 | . | |
|---|-------------------------------------|----------|---------|
| ✓ | Stem rust gene Sr24: present/absent | present | absent |
| ✓ | Leaf rust gene Lr24: present/absent | present | absent |
| ✓ | VPM gene complex: presence | absent | present |

'Naparoo'

'Marombi'

| <u>Statistical Table</u> | | |
|---------------------------|-----------|-----------|
| Organ/Plant Part: Context | 'Naparoo' | 'Marombi' |
| Plant: length (mm) | | |
| Mean | 599.00 | 569.00 |
| Std. Deviation | 44.50 | 46.81 |
| LSD/sig | 37.8 | ns |
| Ear: length (mm) | | |
| Mean | 115.00 | 105.00 |
| Std. Deviation | 5.34 | 9.47 |
| LSD/sig | 8.5 | P≤0.01 |

Prior Applications and Sales

Nil.

Description: Stephen Moore, University of Sydney, Plant Breeding Institute, Narrabri, NSW.

GRANTS

Acmena smithii

LILLY PILLY

'BWNRED'[¢] syn Red Head[¢]

Application No: 2008/086 Applicant: **Tracey Knowland and Stuart Knowland** Certificate No: 3981 Expiry Date: 10 March, 2035. Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

Avena sativa

OATS

'Mulgara'[¢]

Application No: 2008/241 Applicant: **Minister for Agriculture, Food and Fisheries,** Adelaide, SA **& Rural Industries and Research Development Corporation,** Barton, ACT. Certificate No: 3976 Expiry Date: 9 March, 2030.

'Tammar'⁽⁾

Application No: 2008/243 Applicant: **Minister for Agriculture, Food and Fisheries & Rural Industries,** Adelaide, SA **and Research Development Corporation,** Barton, ACT. Certificate No: 3975 Expiry Date: 9 March, 2030.

Cordyline australis

CORDYLINE, CABBAGE TREE

'CARDINAL'[¢]

Application No: 2007/316 Applicant: Liner Plants NZ (1993) Limited Certificate No: 3967 Expiry Date: 3 February, 2030. Agent: A J Park, Canberra, ACT.

'Pluto'⁽⁾

Application No: 2008/140 Applicant: **Flower & Plant Technology Pty Ltd,** Canningvale, WA. Certificate No: 3983 Expiry Date: 10 March, 2030. Cordyline banksii

FOREST CABBAGE TREE

'Sprilecpink'⁽⁾

Application No: 2006/339 Applicant: **Sprint Horticulture Pty Ltd,** Erina, NSW. Certificate No: 3984 Expiry Date: 10 March, 2030.

Crambe abyssinica

SEA KALE

'Galactica'[¢]

Application No: 2005/160 Applicant: **Plant Research International B.V.** Certificate No: 3974 Expiry Date: 9 March, 2030. Agent: **Callinan Lawrie**, Kew, VIC

'Nebula'⁽⁾

Application No: 2005/161 Applicant: **Plant Research International B.V.** Certificate No: 3973 Expiry Date: 9 March, 2030. Agent: **Callinan Lawrie**, Kew, VIC

Dianthus caryophyllus

CARNATION

'Floriagate'⁽⁾

Application No: 2008/290 Applicant: **International Flower Developments Pty Ltd,** Burndoora, VIC. Certificate No: 3991 Expiry Date: 24 March, 2030.

'Florijade'[¢]

Application No: 2008/289 Applicant: **International Flower Developments Pty Ltd**, Bundoora, VIC. Certificate No: 3990 Expiry Date: 24 March, 2030.

Impatiens hawkeri

NEW GUINEA IMPATIENS

'Balcebink'⁽⁾

Application No: 2008/192 Applicant: **Ball Horticultural Company** Certificate No: 3992 Expiry Date: 31 March, 2030. Agent: **Ball Australia Pty. Ltd.** Keysborough, VIC

Ipomoea batatas

ORNAMENTAL SWEET POTATO

'Sweet Caroline Sweet Heart Red'⁽⁾

Application No: 2006/326 Applicant: North Carolina State University Certificate No: 3980 Expiry Date: 9 March, 2030. Agent: Sprint Horticulture Pty Ltd, Erina, NSW.

'Sweet Caroline Sweet Heart Purple'⁽⁾

Application No: 2006/325 Applicant: **North Carolina State University** Certificate No: 3979 Expiry Date: 9 March, 2030. Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW

'Sweet Caroline Sweet Heart Light Green'[¢]

Application No: 2006/324 Applicant: **North Carolina State University** Certificate No: 3978 Expiry Date: 9 March, 2030. Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

Lactuca sativa

LETTUCE

'ALBANAS'[¢]

Application No: 2008/046 Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV** Certificate No: 3996 Expiry Date: 30 March, 2030. Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford,VIC.

'Cosmos'[¢] syn HUXLEY[¢]

Application No: 2008/244 Applicant: **Nunhems B.V.** Certificate No: 3993 Expiry Date: 29 March, 2030.

Agent: Shelston IP, Sydney, NSW.

Leucaena leucocephala ssp glabrata

LEUCAENA

'Wondergraze'⁽⁾

Application No: 2007/129 Applicant: **Leucseeds Pty Ltd**, Banana, QLD. Certificate No: 3969 Expiry Date: 2 March, 2035.

Malus domestica

APPLE

'SJ 303'[¢] syn Miss Ruby[¢]

Application No: 2003/165 Applicant: **Skyglow Enterprises Pty Ltd,** Eaton, WA. Certificate No: 3970 Expiry Date: 2 March, 2035.

Medicago sativa

LUCERNE

'PacL 501'⁽⁾

Application No: 2006/312 Applicant: **The University of Queensland,** St Lucia, QLD and **Grains Research and Development, Corporation,** Barton, ACT. Certificate No: 3995 Expiry Date: 30 March, 2030.

Myoporum parvifolium

CREEPING BOOBIALLA, CREEPING MYOPORUM

'PARV01'⁽⁾

Application No: 2008/356 Applicant: **Ozbreed Pty Ltd**, Richmond, NSW Certificate No: 3977 Expiry Date: 9 March, 2030. Neotyphodium lolii

FUNGAL ENDOPHYTE

'AR37'⁽⁾

Application No: 2006/004 Applicant: **Grasslanz Technology Limited** Certificate No: 3997 Expiry Date: 30 March, 2030. Agent: **Griffith Hack**, Melbourne, VIC

Petunia hybrid

PETUNIA

'Kirimaji Double BlueVelvet'[¢]

Application No: 2008/201 Applicant: **Kirin Agribio Company, Limited** Certificate No: 3985 Expiry Date: 23 March, 2030. Agent: **Ball Australia Pty. Ltd.**, Keysborough, VIC

Rosa hybrid

ROSE

'Pouldiram'⁽⁾

Application No: 2004/183 Applicant: **Poulsen Roser A/S** Certificate No: 3989 Expiry Date: 24 March, 2030. Agent: **Griffith Hack**, Perth, WA.

'Poulhi008'^(b)

Application No: 2004/305 Applicant: **Poulsen Roser A/S** Certificate No: 3988 Expiry Date: 24 March, 2030. Agent: **Griffith Hack**, Perth, WA

'Poulra022'[¢]

Application No: 2005/335 Applicant: **Poulsen Roser A/S** Certificate No: 3987 Expiry Date: 24 March, 2030. Agent: **Griffith Hack**, Perth, WA.

'Poulhi019'⁽⁾

Application No: 2006/139 Applicant: **Poulsen Roser A/S** Certificate No: 3986 Expiry Date: 24 March, 2030. Agent: **Griffith Hack**, Perth, WA.

Triticum aestivum

WHEAT

'Sunvex'[¢]

Application No: 2007/174 Applicant: **The University of Sydney**, Camperdown, NSW **and Grain Research and Development Corporation (GRDC)**, Barton, ACT, Certificate No: 3994 Expiry Date: 30 March, 2030. Agent: **Australian Grain Technologies**, Adelaide, SA.

x*Triticosecale*

TRITICALE

'Tobruk'⁽⁾

Application No: 2008/044 Applicant: **University of Sydney,** Camperdown, NSW. Certificate No: 3972 Expiry Date: 2 March, 2030.

'Endeavour'⁽⁾

Application No: 2008/043 Applicant: **University of Sydney.** Camperdown, NSW. Certificate No: 3971 Expiry Date: 2 March, 2030.

Vitis vinifera

GRAPE

'Pink-Diamond Seedless'⁽⁾

Application No: 2008/362 Applicant: **David Buselich,** Herne Hill, WA. Certificate No: 3968 Expiry Date: 24 February, 2035 Waterhousea floribunda

WEEPING LILLY PILLY

'DOW20'[¢]

Application No: 2005/289 Applicant: **Downes Wholesale Nursery Pty Ltd** Certificate No: 3982 Expiry Date: 10 March, 2035. Agent: **Ozbreed Pty Ltd**, Richmond, NSW
| Volume 23 Issu | ie 1 | | | | |
|------------------|-------------------|----------|---------------|--------------|------------------------|
| | | | | | |
| Denomination | | | | | |
| Changed | | | | | |
| | | | | | |
| | | | Common | | |
| Application No | C | · . | NT | | |
| reprication 140. | Genus | Species | Name | Changed From | Changed To |
| 2008/236 | Genus Triticum | aestivum | Name Wheat | Preston | Changed To Craw 128 |

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Assignment of Rights

| | | | | Common | | |
|----------|---------------|-------------|---------------|--------------|----------------------|--------------------|
| App. No. | Genus | Species | Variety | Name | Changed From | Changed To |
| 1995/205 | Allocasuarina | littoralis | Matuka Silver | Casauarina | Penelope Sinclair | Peter Kerridge |
| | | | | | | Eightya Pty |
| 2006/298 | Syzygium | smithii | Sunrise | Lilly Pilly | Wedderlie Pty Ltd | Limited |
| | | | Cherry | | | Eightya Pty |
| 2006/297 | Syzygium | smithii | Surprise | Lilly Pilly | Wedderlie Pty Ltd | Limited |
| | | | | | | Peter David |
| | | | | Tully River | Yuruga Nursery | Radke and Ann |
| 2000/321 | stenocarpus | sp | Forest Lace | stenocarpus | Pty Ltd | Beatrice Radke |
| | | | | | | Peter David |
| 2000/222 | | | | Tully River | Yuruga Nursery | Radke and Ann |
| 2000/322 | stenocarpus | sp | Forest Gem | stenocarpus | Pty Ltd | Beatrice Radke |
| | | 7. | | | | Mansfields |
| | | alpina x | Charlie's | | | Austraflora |
| 2000/262 | <i>G</i> '11 | rosmarinifo | Angol | 0 11 | | Holdings Pty |
| 2008/263 | Grevillea | lia | Aligei | Grevillea | Austraflora Pty Ltd | Ltd. |
| | | | | | | Mansfields |
| | | ····· | | | | Austranora |
| 2007/122 | Constiller | rosmarinijo | Entrés | C | D:11 M | Holdings Pty |
| 2007/125 | Grevillea | na x aipina | Entree | Grevillea | Bill Molyneux | Llu. |
| | | | | | | Austroflore |
| | | | Charry | Usimin | | Holdings Dty |
| 2005/011 | Panksia | aninuloga | Candlas | Pankaia | Dill Molynoux | Ltd |
| 2003/011 | Dunksiu | spinulosa | Callules | Daliksia | DIII MOIYIleux | Llu. Monafialda |
| | | | | | | Austroflore |
| | | rosmarinifo | | Docomany | | Holdings Dty |
| 2003/136 | Cravillaa | lia | DD 03 | Gravillaa | Bill Molynoux | Ltd |
| 2003/130 | Grevilleu | 110 | KF 03 | Olevinea | Dill Wolyneux | Liu. Mansfields |
| | | | | | | Austraflora |
| | | | | | | Holdings Ptv |
| 1993/393 | Acacia | cognata | UV3 | Bower Wattle | Austraflora Pty I td | I td |
| 1775/575 | neuciu | cognata | 015 | Bower Wattle | | Mansfields |
| | | | | | | Austraflora |
| | | | | | | Holdings Ptv |
| 1999/343 | Acacia | cognata | UY2 | Bower Wattle | Austraflora Ptv Ltd | Ltd. |
| 177770.0 | 1100000 | giinna | 012 | | | Mansfields |
| | | | | | | Austraflora |
| | | | | | | Holdings Ptv |
| 1997/289 | Leptospermum | liversidgei | BY11 | Tea Tree | Austraflora Ptv Ltd | Ltd. |
| | | | | | | Mansfields |
| | | | | | | Austraflora |
| | | | | | | Holdings Pty |
| 1997/262 | Grevillea | hybrid | VJ 62 | Grevillea | Austraflora Pty Ltd | Ltd. |
| - | | J | | | | Mansfields |
| | | | | | | Austraflora |
| | | | FREE `N' | False | | Holdings Pty |
| 1992/186 | Hardenbergia | violacea | EASY | Sarsparilla | Austraflora Pty Ltd | Ltd. |

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|---------------------|------------------|---------------|-------------------|-----------------------------|-------------------------------|
| | | | | | |
| Chan | ge of Ag | gent | | | |
| Applicati on No. | Genus | Specie s | Variety | Changed From | Changed To |
| 2006/034 | Citrullus | lanatus | Side Kick | VF Solutions | Clause Pacific |
| 2003/124 | Zantedeschi a | spp. | Hot Chocolate | Great Southern Ltd | Brian Krull |
| 2007/114 | Zantedeschi a | hybrid | Merlot BLZ | Great Southern Ltd | Brian Krull |
| 2007/112 | Zantedeschi a | hybrid | Hot Cherry BLZ | Great Southern Ltd | Brian Krull |
| 2007/141 | Zantedeschi a | spp. | Rosa BLZ | Great Southern Ltd | Brian Krull |
| 2003/027 | Ophiopoga n | japonic us | Sliveredge | Ornatec Pty Ltd | Ozbreed Pty Ltd |
| 2007/146 | Chlorophyt um | comosu m | Ocean | Ramms Botanicals Pty Ltd | Koning Smit IPR S.A. |
| 2001/241 | Anthurium | hybrid | Atwelve | Ramms Botanicals Pty Ltd | Oasis Horticulture Pty Ltd |

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|-------------------|--------|-----------------------------|----------------------|------------------|--|
| | | | | | |
| NT 4. | | | | | |
| Nomination | | | | | |
| of an Agent | | | | | |
| | | | | Changed | Changed |
| Application No. | Genus | Species | Variety | From | To |
| 2005/244 | Prunus | persica var. nucipersica | Burnectfourteen | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/190 | Prunus | persica var. nucipersica | Burnectfour | Jempi Pty Ltd | Collison Cave Patent & Trade Mark Attorney |
| 2005/243 | Prunus | persica var. nucipersica | Burnectseven | Jempi Pty Ltd | Collison Cave Patent & Trade Mark Attorney |
| 2004/188 | Prunus | persica | Burpeachseven | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/307 | Prunus | persica | Burpeachthree | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/306 | Prunus | persica | Burpeachtwo | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/308 | Prunus | persica | Burpeachfour | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/194 | Prunus | persica | Burauspchtwo | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/238 | Prunus | persica | Burpeachtwelve | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/239 | Prunus | persica | Burauspchfive | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/234 | Prunus | persica | Burpeachfourte en | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/236 | Prunus | persica | Burpeachfifteen | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |

| 2004/310 | Prunus | persica | Burpeachsix | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
|-----------|--------|---------|----------------------|------------------|--|
| | | | • | | Davies Collison Cave |
| 2004/309 | Drumus | norsiaa | Burneachfive | Jempi Pty | Patent & Trade |
| 200 1750) | Trunus | persica | Duipedeliiive | Liu | Davies |
| 2005/237 | Prunus | persica | Burpeachthirtee n | Jempi Pty Ltd | Collison Cave Patent & Trade Mark Attorney |
| | | | | | Davies |
| | | | Burpeachninete | Jemni Pty | Collison Cave |
| 2008/023 | Prunus | persica | en | Ltd | Mark Attorney |

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WITHDRAWN

The following varieties are no longer under PBR provisional protection

| App. No. | Genus | Species | Common Name | Variety |
|----------|---------------|--------------|-----------------------------|----------------|
| 2008/035 | Verbena | xhybrida | Garden Verbena | Cobbitty Red |
| 2008/036 | Verbena | xhybrida | Garden Verbena | Cobbitty Pink |
| 2009/060 | Dianthus | x allwoodii | Pinks | WP05 ENID |
| 2006/166 | Prunus | armeniaca | Apricot | Suapriten |
| 2004/754 | Prunus | salicina | Japanese Plum | Sir George |
| 2005/018 | Rosa | hybrid | Rose | Poulac006 |
| 2001/087 | Campanula | Carpatica | Tufted Bell Flower | Blue Ball |
| 2008/234 | Impatiens | hybrid | New Guinea Impatiens | Nijuice |
| 2008/276 | Lamium | maculatum | Spotted deadnettle | Snow 'n' Frost |
| 2005/277 | Prunus | persica | Peach | New Dimension |
| 2006/286 | Lotus | corniculatus | Birdsfoot Trefoil | Venture |
| 2007/227 | Anigozanthos | hybrid | Kangaroo Paw | Lime Velvet |
| 2008/081 | Solanum | tuberosum | Potato | VOYAGER |
| 2008/346 | Kniphofia | uvaria | d Hot Pokers and Torch Lily | Knipoker |
| 2006/128 | Spathiphyllum | hybrid | Peace Lily | Power Petite |
| 2008/218 | Arctotis | hybrid | African Daisy | Arcmist |
| 2008/219 | Arctotis | hybrid | African Daisy | Arcdawn |
| 2008/220 | Arctotis | hybrid | African Daisy | Arcsunset |
| 2008/122 | Brachyscome | hybrid | Brachyscome | Ramboisla |
| 2009/358 | Phaseolus | vulgaris | Navy Bean | KONZA |
| 2009/359 | Phaseolus | vulgaris | Navy Bean | SERENGETI |
| 2006/128 | Spathiphyllum | hybrid | Peace Lily | Power Petite |
| 2008/125 | Brachyscome | hybrid | Brachyscome | Rambotide |
| 2009/277 | Gossypium | hirsutum | Cotton | DP 210 BRF |
| 2005/017 | Rosa | hybrid | Rose | Poulac002 |

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Grants Surrendered

The following varieties are no longer under PBR protection

| App. | | | | | |
|----------|---------------|---------------------|--------------------|------------------|------------------|
| No. | Genus | Species | Variety | Synonym | Common Name |
| 1992/067 | Pisum | sativum | JUPITER | | Field Pea |
| 1993/247 | Lavandula | stoechas | MARSHWOOD | | Italian Lavender |
| 1995/166 | Lolium | hybrid | MAVERICK GOLD | | Hybrid ryegrass |
| | | | | HAPPY | |
| 1996/102 | Gypsophila | paniculata | DANGYHAPPY | FESTIVAL | Baby's Breath |
| 1996/250 | Triticum | aestivum | CARNAMAH | | Wheat |
| 1996/284 | Solanum | tuberosum | Goldstar | | Potato |
| 1997/059 | Solanum | tuberosum | Celeste | | Potato |
| 1997/167 | Eragrostis | elongata | Elvera | | Lovegrass |
| 1997/190 | Argyranthemum | frutescens | Summer Melody | | Marguerite Daisy |
| 1997/251 | Alstroemeria | hybrid | Staprilan | Angela | Peruvian Lily |
| 1998/202 | Leptospermum | laevigatum | Beach Baby | | Tea Tree |
| 1999/268 | Grevillea | hybrid | Coastal Sunset | | Grevillea |
| 1999/269 | Grevillea | hybrid | Coastal Dawn | | Grevillea |
| 1999/333 | Triticum | aestivum | Mira | | Wheat |
| 2000/007 | Grevillea | hybrid | Coastal Twilight | | Grevillea |
| 2000/266 | Brassica | napus var. oleifera | AG Outback | | Canola |
| 2001/134 | Aglaonema | hybrid | Glory of India | | Aglaonema |
| 2001/135 | Aglaonema | hybrid | Star of India | | Aglaonema |
| 2001/136 | Brassica | napus var. oleifera | ATR Beacon | | Canola |
| 2001/331 | Fuchsia | hybrid | Goetzgene | | Fuchsia |
| 2001/332 | Fuchsia | hybrid | Goetzginger | | Fuchsia |
| 2001/333 | Fuchsia | hybrid | Marcia | | Fuchsia |
| 2001/334 | Fuchsia | hybrid | Shirley | | Fuchsia |
| 2002/041 | Lilium | hybrid | DORDOGNE | VLETDOR | Lily |
| 2002/090 | Brassica | napus | AV-Sapphire | | Canola |
| 2002/177 | Alstroemeria | hybrid | Zanvelvet | | Peruvian Lily |
| 2002/270 | Rosa | hybrid | Intertrojaan | | Rose |
| 2002/272 | Rosa | hybrid | Intertrodan | Snowdance | Rose |
| 2003/015 | Rosa | hybrid | Kribicar | | Rose |
| 2003/037 | Cotinus | coggygria | Ancot | Golden Spirit | Smoke Tree |
| 2003/118 | Brassica | napus | ATR-Stubby | | Canola |
| 2003/119 | Brassica | napus | AG-Spectrum | | Canola |
| 2003/287 | Rosa | hybrid | TAN99311 | | Rose |
| 2004/134 | Grevillea | hybrid | Coastal Prestige | | Grevillea |
| 2004/231 | Grevillea | hybrid | Coastal Impressive | | Grevillea |
| 2004/232 | Grevillea | hybrid | Coastal Glimpse | | Grevillea |
| 2005/065 | Rosa | hybrid | Ruiz3531 | | Rose |
| 2005/105 | Calibrachoa | hybrid | USCALI 14 | | Calibrachoa |
| 2005/108 | Petunia | hybrid | Constraw | Strawberry Frost | Petunia |
| 2005/109 | Petunia | hybrid | Conblue | Blueberry Frost | Petunia |
| 2005/112 | Triticum | aestivum | Odiel | | Wheat |
| 2005/222 | Argyranthemum | hybrid | OHMADSANT | Santana | Marguerite Daisy |
| 2006/116 | Rosa | hybrid | Grandcremdela | | Rose |
| 2006/222 | Agonis | flexuosa | Jedda's Dream | | Willow Myrtle |
| 2008/125 | Brachyscome | hybrid | Rambotide | Pacific Tide | Brachyscome |

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Grants Expired

The following varieties are no longer under PBR protection:

| | | | Common | |
|----------|--------------|--------------|--------|-------------|
| App. No. | Genus | Species | Name | Variety |
| 1990/005 | Phalaris | Aquatica | | Holdfast |
| 1990/021 | Bothriochloa | Insculpta | | Bisset |
| 1990/027 | Rosa | Hybrida | | Stebigpu |
| 1990/033 | Rosa | Hybrida | | Tanschaubud |
| 1990/034 | Rosa | Hybrida | | Cocdestin |
| 1990/036 | Euphorbia | Milii hybrid | | Stiloga |
| 1990/037 | Euphorbia | Milii hybrid | | Stigaro |
| 1990/038 | Euphorbia | Milii hybrid | | Stirot |

Corrigenda

CAMELIA Camellia sasanqua 'Parsarah' Application No: 2003/069

In PVJ 22.2, the 'conditions' section should read: Trials were conducted at Paradise Plants, Kulnura, NSW between Dec 1999 & May 2003.

Dietes Dietes robinsoniana **RB1** Application No: 2008/212

In the statistical table of the detailed description published in PVJ 21(4) the leaf blade: length should read as cm instead of mm.

Choke Cherry *Prunus virgiana* **PurplepJewel** Application 2008/017

In the comparative table of the detailed description published in PVJ 22(2), claim of distinctness for the following characteristics have been removed because of overlapping state of expression:

Leaf: width of blade Flower: Pedicel length Inflorescence: length (including peduncle)

Rose Rosa hybrid POULbambe Appliaction No: 2003/348

In the Origin and Breeding section of the detailed description published in PVJ 22(2), the parent name should read as seed parent 'Poulurt' x pollen parent 'Poultrav'.

Rose Rosa hybrid POULAC017 Application No: 2006/140

In the comparative table of the detailed description published in PVJ 22(2), claim of distinctness for prickles: presence characteristic has been removed due to lacking of further evidence.



Part 3 Appendices

The appendices to *Plant Varieties Journal* (Vol. 23 Issue 1) are listed below:

- <u>Home</u>
- Appendix 1 Fees
- <u>Appendix 2 Plant Breeder's Rights Advisory Committee</u>
- <u>Appendix 3 Index of Accredited Consultant 'Qualified Persons'</u>
- 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 12month 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 | Sc | chedule | | |
|-------------------------------|------|---------|------|------|
| | Α | В | С | 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 10th Nov 1994)
- **D** Applicable to 5 or more applications examined at an Accredited Centralised Testing Centre

Other Fees

| 0 1111 1 005 | | |
|--|-------------|--|
| 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 | 200 | |
| A reliestion for | 800 | |
| Application for | 5 00 | |
| (a) revocation of a PBR | 500 | |
| (b) revocation of a declaration | 5 00 | |
| 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

| Member Representing Plant Breeders | Member Representing Plant Breeders |
|---|--|
| Mr Christopher Prescott | Mr Denis McGrath |
| Prescott Roses Pty Ltd | Advise Pty Ltd |
| PO Box 507 | PO Box 63 |
| BERWICK VIC 3806 | INVERLEIGH 3321 |
| Member Representing Users Mr Kerrie Gleeson Australian Grain Technologies 23 Pinehurst Avenue PO Box 26 DUBBO NSW 2830 | Member Representing Consumers Ms Penny Hendy 483 Ross Road KATUNGA VIC 3640 |
| Member Representing Conservation | Member Representing Indigenous |
| Professor Robert Henry | Interests |
| Centre for Plant Conservation Genetics | Mr John Collyer |
| South Cross University | Worn Gundidj Aboriginal Cooperative |
| PO Box 157 | PO Box 1134 |
| LISMORE NSW 2480 | Warrnambool VIC 3280 |
| Member with Appropriate Qualifications | Member with Appropriate Qualifications |
| Mr Benny Browne | Professor Brad Sherman |
| Griffith Hack | TC Beirne School of Law |
| 509 St Kilda Road | University of Queensland |
| MELBOURNE VIC 3004 | ST LUCIA QLD 4072 |
| Chair (Delegate of the PBR Registrar) Mr Doug Waterhouse IP Australia PO Box 200 Woden ACT 2606 | |

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 | 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 Rogers, Clinton Saunders, James |
| Berry Fruit | Darmody, Liz Fleming, Graham Greer, Neil Scholefield, Peter Zorin, Margaret |
| Blackberry (Rubus sp) | Paananen, Ian |
| Blandfordia | Treverrow, Florence |
| Blueberry | Paananen, Ian Scalzo, Jessica Zorin, Margaret |
| Bougainvillea | Iredell, Janet Willa Prince, John |
| Brachyscome | Paananen, Ian |

| C | heauer. Robert |
|--|-------------------|
| | |
| C | ooper. Kath |
| D | ownes. Ross |
| Ē | aston. Andrew |
| Fe | ennell. John |
| G | bororo. Nelson |
| Io | physical Evan |
| K | adkol. Gururai |
| La | aker. Richard |
| Li | ight. Kate |
| Μ | IcMichael. Prue |
| 0 | 'Connell Peter |
| R | hodes. Phil |
| R | udolph. Paul |
| Sa | anders, Milton |
| Sa | aunders. James |
| Sc | cholefield. Peter |
| М | louwen. Heidi |
| W | Vatson, Brigid |
| Za | adow, Diane |
| Brunia D | unstone, Bob |
| | · |
| Buddleia Ro | obb, John |
| Pa | aananen, Ian |
| Buffalo Grass Pa | aananen, Ian |
| Calibrachoa Pa | aananen, Ian |
| Camellia Pa | aananen, Ian |
| Re | obb, John |
| Cannabis (low THC varieties only and subject to holding a Be | olton, Keith |
| current licence from the appropriate authority) Ca | alabria, Patrick |
| Carnation/Dianthus Pa | aananen, Ian |

| Cereals | Bullen, Kenneth |
|---------------|--------------------------|
| | Collins, David |
| | Cook, Bruce |
| | Cooper, Kath |
| | Downes, Ross |
| | Fennell, John |
| | Hare, Raymond |
| | Harrison Peter |
| | Henry Robert I |
| | Johnston Evan |
| | Khan Akram |
| | Mitahall Laslie |
| | Mitchell, Leslie |
| | Moore, Stephen |
| | Oates, John |
| | Platz, Greg |
| | Porter, Richard |
| | Poulsen, David |
| | Rhodes, Phil |
| | Roake, Jeremy |
| | Rogers, Clinton |
| | 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 |
| | Chalmers Vasmin Michelle |
| | Edwarde Arthur |
| | Lee Slade |
| | MagGragor Alicon |
| | Mitchell Leslie |
| | Witchell, Leslie |
| | Owen-1urner, 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 |
| | O'Connell Peter |
| | Rhodes, Phil |
| | Scholefield, Peter |
| | Sykes, Stephen |
| Desmanthus | Brennan, Paul |
| Dianella | Paananen, Ian |
| Dogwood | Darmody, Liz |
| 0 | 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 |
| 0 | Fleming, Graham |
| | Parr, Wayne |
| Flower Bulbs | Verdegaal, John |
| Forage Brassicas | Goulden. David |
| <u> </u> | 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 |
| | Wallon, Digia |
| Forage Legumes | Downes, Ross |
| | Fennell, John |
| | Foster, Kevin |
| | Harrison, Peter |
| | Hill, Jeff |
| | James, Jennifer |
| | Lake, Andrew |
| | Miller. Jeff |
| | Porter Richard |
| | Rhodes Phil |
| | Saunders James |
| | Sidel John |
| | Siedel, John |
| Fruit | Brown, Gordon |
| | Cramond, Gregory |
| | Darmody, Liz |
| | Delaporte, Kate |
| | Fleming, Graham |
| | Gillespie, David |
| | Granger, Andrew |
| | Kennedy. Peter |
| | Lenoir. Roland |
| | McCarthy Alec |
| | Mitchell Leslie |
| | Paananen Jan |
| | Parr Wayne |
| | Dortman Sian |
| | Pumpa Lucy |
| | Fullipa, Lucy |
| | Schapel, Amanua |
| | Scholefield, Peter |
| Fuchsia | Paananen, Ian |
| Gerbera | Paananen, Ian |
| Ginger | Smith, Mike |
| C | Whiley, Tony |
| | ··· |

| Grape | Burne, Peter Chalmers, Yasmin Michelle 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 Valentine, Bruce |
|-------------------|--|
| Grevillea | Dunstone, Bob Herrington, Mark Paananen, Ian |
| Gypsophila | Paananen, Ian |
| Hardenbergia | Dunstone, Bob |
| Hops (Humulus 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 |
| Lettuce | O'Connell, Peter |
| Lomandra | Paananen, Ian |
| Lucerne | Bannan, Nathaniel |
| | Downes, Ross |
| | Johnston, Evan |
| | Lake, Andrew |
| | Mitchell, Leslie |
| | Nichols, Phillip |
| | Porter, Richard |
| | Rhodes, Phil |
| | Saunders, James |
| Lunin | Collins David |
| zahin | 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 Ouinn, Patrick |
| | |
| Oat | Collins, David |
| | Downes, Ross |
| | Khan, Akram |
| | Platz, Greg |
| | Rhodes, Phil |
| | Rogers, Clinton |
| | 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 |
| | O'Connell Peter |
| | 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 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, Ian 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 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, Ian Tan, Beng Watkins, Phillip Foster, Kevin Nichols, Phillip

Osmanthus

Osteospermum

Ornithopus

Paananen, Ian

Paananen, Ian Robb, John

| 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 |
| | Rogers, Clinton |
| | Kose, John |
| | Saunders, James |
| | Sewell, James |
| | Smith, Raymond |
| | Scattini, waiter John |
| | Smith, Kevin |
| | Wilkes, Gregory |
| | Wilson, Frances |
| | Zorin, Margarei |
| Peanut | Cruickshank, Alan |
| | George, Doug |
| | |
| Pear | Cramond, Gregory |
| | Darmody, Liz |
| | Engel, Richard |
| | Fleming, Graham |
| | Langford, Garry |
| | Mackay, Alastair |
| | Malone, Michael |
| | Paananen, Ian |
| | Portman, Anthony |
| | Richards, Susanna |
| | Scholefield, Peter |
| | Tancred, Stephen |
| | Valentine, Bruce |
| Pelargonium | Paananen, Ian |
| Parsimmon | Dorr Woyne |
| | swinburn Garth |
| | Swinburn, Garti |
| 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 | Delanorte Kate |
| | Fennell John |
| | Friemond Terry |
| | Guertsen Paul |
| | Hill Jim |
| | Inn, Jim Johnston, Evan |
| | Johnston, Evan McMichael Pruc |
| | O'Connell Deter |
| | Durana Luca |
| | Pumpa, Lucy |
| | Rhodes, Phil |
| | Saunders, James |
| | Schapel, Amanda |
| | Scholefield, Peter |
| | Slater, Tony |
| | Wilson, Graeme |
| Proteaceae | Barth, Gail |
| | Kirby, Neil |
| | Paananen, Ian |
| | Robb, John |
| | Scholefield, Peter |
| 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 |
| | Richards, Susanna |
| | Topp Bruce |
| | Wilkes Gregory |
| | Witherspoon Jennifer |
| | which spoon, seminer |
| 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 Swane, Geoff Syrus, A Kim |
| Scaevola | Paananen, Ian |
| Sesame | Bennett, Malcolm Harrison, Peter Imrie, Bruce |
| Sorghum | Khan, Akram |
| Soybean | Harrison, Peter James, Andrew |
| Spathiphylum | Paananen, Ian |
| Spices and Medicinal Plants | Hoxha, Adriana 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 |
| | O'Connell Peter |
| | Rhodes, Phil |
| | Scholefield, Peter |
| Tree Crops | McRae, Tony |
| | Downes, Ross |
| | Collins, David |
| | Cooper, Kath |
| | Rhodes, Phil |
| | Saunders, James |
| Tropical/Sub-Tropical Crops | Fittler, Michael |
| | 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 |
| | Hoxha, Adriana |
| | Khan, Akram |
| | Laker, Richard |
| | Lenoir, Roland |
| | MacGregor, Alison |
| | Michichael, Prue |
| | Oates, John |
| | Decrear Craig |
| | Pearson, Craig |
| | Pullipa, Lucy |
| | Kilodes, Fill |
| | Schapel, Amanda Scholofield Deter |
| | Scholeneld, Peler Westra Van Holthe Jan |
| | westa van nottie, jan |
| Verbena | Paananen, Ian |

| Walnut | Mitchell, Leslie |
|---------------------------------|---|
| Wheat (Aestivum & Durum Groups) | Brennan, Paul Collins, David Downes, Ross Fittler, Michael Hoxha, Adriana Kadkol, Gururaj Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James Sanders, Milton |
| Zantedeschia | Paananen, Ian |

TABLE 2

NAME Abell, Peter Aberdeen, Ian

Allen, Paul Anderson, Malcolm

Angus, Tim

Armitage, Paul

Avery, Angela

Bannan, Nathaniel

Barrett, Mike

Barth, Gail Bazzani, Luigi

Bennett, Malcolm

Bolton, Keith

Brennan, Paul

Brown, Gordon

Buchanan, Peter

Burne, Peter

Calabria, Patrick

Chalmers, Yasmin Michelle

Chequer, Robert

Collins, David

Cooper, Kath

Cox, Mike

Cramond, Gregory

Cruickshank, Alan

TELEPHONE

AREA OF OPERATION Australia

SE Australia

SE QLD, Northern NSW Victoria

Australia and New Zealand

Victoria

South Eastern Australia

Australia

NSW/ACT

SA and Victoria Western Australia

NT, QLD, NSW, WA

Australia

Australia

Tasmania

Eastern Australia

South Australia

Riverina area of NSW

Murray Valley Region – from Swan Hill (VIC) to Waikerie (SA) Victoria

Central Western Wheatbelt of Western Australia South Australia

Queensland and NSW

Australia

QLD

| Cunneen, Thomas |
|---------------------------------|
| Darmody, Liz |
| Delaporte, Kate |
| Downes, Ross |
| Dunstone, Bob Easton, Andrew |
| Edwards, Arthur |
| Eggleton, Steve |
| Engel, Richard |
| Fennell, John |
| Farquhar, Wayne |
| Fittler, Michael |
| Fleming, Graham |
| Friemond, Terry |
| Foster, Kevin |
| Frkovic, Edward |
| George, Doug |
| Gillespie, David |
| Gororo, Nelson |
| Goulden, David |
| Graetz, Darren |
| Granger, Andrew |
| Greer, Neil |
| Guertsen, Paul |
| Hanger, Brian |
| Hare, Ray |

Sydney Region Australia South Australia ACT, South East Australia South East NSW QLD and NSW SE Australia Melbourne Region WA Australia South Australia NSW Australia Western Australia Mediterranean areas of Australia Australia Australia Wide Bay Burnett District, QLD Mediterranean areas of Australia New Zealand South Australia South Australia Australia NSW, VIC, SE QLD Victoria QLD, NSW VIC & SA

| Harrison, Dion |
|-------------------------------------|
| Harrison, Peter |
| Hempel, Maciej |
| Henry, Robert J |
| Herrington, Mark |
| Hill, Jeff |
| Hill, Jim |
| Hockings, David Hoxha, Adriana |
| Imrie, Bruce |
| Iredell, Janet Willa Jack, Brian |
| James, Andrew |
| James, Jennifer Johnston, Evan |
| Johnston, Margaret |
| Kadkol, Gururaj |
| Kemp, Stuart |
| Kennedy, Peter |
| Khan, Akram |
| Kirby, Greg |
| Kirby, Neil |
| Knights, Edmund |
| Kulkarni, Vinod |
| Lake, Andrew |
| Laker, Richard |
| Lamont, Greg |
| Langford, Garry |

south east QLD and northern NSW Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas NSW, QLD, VIC, SA Australia Southern Queensland South Australia Australia Southern Queensland NSW SE Australia SE Queensland South West WA Australia Manawatu Region, New Zealand Canterbury, New Zealand SE Queensland North Western Victoria SE Australia New South Wales New South Wales South Australia New South Wales North Western NSW Australia SE Australia Australia Sydney region Australia

Larkman, Clive Lee, Peter Lee, Slade Lenoir. Roland Leske, Richard Light, Kate Loch, Don Lowe, Greg Lunghusen, Mark Lye, Colin MacGregor, Alison Mackay, Alastair McMaugh, Peter Malone, Michael Marcsik, Doris McCarthy, Alec McKirdy, Simon McMichael, Prue McRae, Tony Miller, Jeff Milne, Carolynn Mitchell, Hamish Mitchell, Leslie Molyneux, William Moore, Stephen Morrison, Bruce Mouwen, Heidi Neylan, John Nichols, Phillip

Victoria

SE Australia

Queensland/Northern New South Wales Australia Cotton growing regions of QLD & NSW Victoria Queensland Sydney, Central Coast NSW Melbourne & environs NT, QLD and NSW Southern Australia - Murray Valley Region Western Australia Australia New Zealand Northern Territory and Queensland South West WA Australia SE Australia Australia Manawatu region, New Zealand QLD Victoria VIC, Southern NSW Victoria NSW East of Melbourne QLD, NSW VIC, NSW, SA Western Australia

| Oates, John |
|------------------------------------|
| O'Brien, Shaun |
| O'Connell, Peter |
| O'Connor, Lauren |
| Owen-Turner, John |
| Paananen, Ian |
| Parr, Wayne |
| Piperidis, George |
| Platz, Greg |
| Porter, Richard |
| Portman, Anthony |
| Portman, Sian |
| Poulsen, David |
| Prescott, Chris |
| Prince, John |
| Pumpa, Lucy |
| Quinn, Patrick Richards, Graeme |
| Richards, Susanna |
| Richardson, Clive Rhodes, Phil |
| Roake, Jeremy |
| Robb, John |
| Rogers, Clinton |
| Rose, John |

Sydney region, Eastern Australia SE Queensland VIC, NSW, QLD Australia Burnett region, Central Queensland region Australia (based in Sydney) and New Zealand QLD, Northern NSW QLD, Northern NSW QLD, Northern NSW Adelaide region, South Australia South-west Western Australia Western Australia SE QLD, Northern NSW Victoria SE QLD South Australia SE Australia Australia SE Australia Victoria New Zealand Sydney Region Sydney, Central Coast NSW Australia SE Queensland

| Rudolph, Paul |
|------------------------------------|
| Saunders, James |
| Sanders, Milton |
| Sewell, James |
| Scalzo, Jessica |
| Scattini, Walter |
| Schapel, Amanda |
| Scholefield, Peter |
| Singh, Deo |
| Slater, Tony |
| Smith, Kenneth Smith, Kevin |
| Smith, Mike |
| Smith, Stuart |
| Smith, Ian |
| Stewart, Angus |
| Swane, Geoff |
| Swinburn, Garth |
| Sykes, Stephen |
| Syrus, A Kim |
| Tan, Beng |
| Tancred, Stephen |
| Treverrow, Florence Topp, Bruce |
| Valentine, Bruce |
| Van der Staay, Rosemaree Anne |
| Verdegaal, John |

Victoria Australia Southern Australia: WA, Vic, NSW. SA Southern Australia New Zealand and Australia Tropical and sub-tropical Australia South Australia SE Australia Brisbane SE Australia Australia SE Australia SE Queensland SE Australia Australia Sydney, Gosford Central western NSW Murray Valley Region - from Swan Hill (Vic) to Waikere (SA) Victoria Adelaide Perth & environs QLD, NSW Australia SE QLD, Northern NSW New South Wales Tasmania Australia and New Zealand

Watkins, Phillip Watkinson, Andrew Watson, Brigid Westra Van Holthe, Jan Whiley, Tony Wilkes, Gregory Wilson, Frances Wilson, Graeme Zadow, Diane Zorin, Margaret

Perth Region

Northern NSW and Southern QLD Victoria

Australia

QLD Sydney region

Canterbury, New Zealand

SE Australia

Victoria

Eastern Australia
Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name Armour, David Baelde, Arie Baker. Grant Bally, Ian Bell, David Birchall, Craig Bennett, Kathryn Bernuetz, Andrew Berryman, Pam Box, Amanda Jane Brennan, Paul Brewer, Lester Brindley, Tony Bunker, John Bunker, Kerry Burton, Wayne Buselich, David Cameron, Nick Chesher, Wayne Clayton-Greene, Kevin Constable, Greg Cook, Esther Corcoran, Lisa Coventry, Stewart Craig, Andrew Craigie, Gail Crowhurst, Alan Culvenor, Richard De Betue, Remco de Koning, Carolyn Done, Anthony Donnelly, Peter Downe, Graeme Eastwood, Russell Eglinton, Jason Elliott, Philip Evans, Pedro Eykamp, Donald Eyles, Gary Fitzgibbon, John Flett, Peter Geary, Judith Gibbons, Philip Gillies, Leanne Glover, Russell Gurciullo, Gaetano Haire, Chris Hawkey, David Hollamby, Gil Hoppo, Suzanne

Howie, Jake Hurst, Andrea Irwin, John Janhsen, Joanne Johnson, Peter Jiranek, Vladimir Jupp, Noel Kaehne, Ian Katelaris, Andrew Katz, Mark Kebblewhite, Tony Kempff, Stefan Kennedy, Chris Kobelt, Eric Lacey, Kevin Lawson, Marion Leddin, Anthony Lee, Kathryn Leeks, Conrad Leighton, A Leonforte, Antonio Lewis, Hartley Loi, Angelo Lonergan, Paul Lowe, Russell Luckett, David Mack, Ian Mackie, Julie Mansfield, Daniel Mason, Lloyd Matic, Rade Matthews, Michael McCabe, Dominic McCallum, Lesley McCredden, John McDonald, David Menzies, Kim Miller, Kylie Mitchell, Steven Moss, Ian Mullins, Kathleen Mungall, Neil Myors, Philip Nathan, Dutschke Neilson, Peter Newman, Allen Noone, Brian Norriss, Michael O'Brien, Tim O'Sullivan, Robert Palmer, Ross Paull, Jeff Pearce, Bob Peoples, Alan Porter, Gavin

Potter, Trent Pressler, Craig Reeve, Christopher Reid, Peter Reinke, Russell Roche, Matthew Rose, Ian Russell, Dougal Sadeque, Abdus Sanders, Milton Sanewski, Garth Schilg, Karl Schreuders, Harry Scott, Ralph Senior, Michael Smith, Chris Smith, Malcolm Smith, Raymond Smith, Susan Snelling, Cath Snowball, Richard Song, Leonard Sounness, Janine Stiller, Warwick Stuart, Peter Sturgess, Eric Percy Sutton, John Taylor, Kerry Todd, Peter Trigg, Pamela Trimboli, Daniel Urwin, Nigel Vater, Daniel Vaughan, Peter Venkatanagappa, Shoba Venn, Neil Verdegaal, John Warner, Bradley Warren, Andrew Weatherly, Lilia Weber, Ryan Wei, Xianming Williams, Rex Williams, Shannon Wilson, Rob Wilson, Stephen Winter, Bruce Wirthensohn, Michelle Yan, Guijun Zeppa, Aldo

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: <u>http://www.upov.int</u>

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 accredit |
|--------------------|----------------|--------------------|-----------------------------|-------------|------------------|
| | | | | | ation |
| Agriculture | Toolangi, | Potato | Outdoor, field, | R Kirkham | 31/3/97 |
| Victoria, National | VIC | | greenhouse, tissue | | |
| Potato | | | culture laboratory | | |
| Improvement | | | | | |
| Centre | | | | | |
| Bureau of Sugar | Cairns, Tully, | Saccharum | Field, glasshouse, tissue | G Piperidis | 30/6/97 |
| Experiment | Ingham, Ayr, | | culture, pathology | | |
| Stations | Mackay, | | | | |
| | Bundaberg, | | | | |
| | Brisbane | | | | |
| | QLD | | | | |
| Ag-Seed Research | Horsham and | Canola | Field, glasshouse, | P Rudolph | 30/6/97 |
| | other sites | | shadehouse, laboratory | | |
| | | | and biochemical analyses | | |
| Agriculture | Northam | Wheat | Field, laboratory | D Collins | 30/6/97 |
| Western Australia | WA | | | | |
| University of | Camden, | Argyranthemum, | Outdoor, field, irrigation, | J Oates | 30/6/97 |
| Sydney, Plant | NSW | Diascia, | greenhouses with | | |
| Breeding Institute | | Mandevilla | controlled micro- | | |
| | | | climates, controlled | | |
| | | | environment rooms, | | |

| | | | 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 | Perennial ryegrass, tall fescue, tall wheat grass, white clover, Persian clover | 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 | Bracteantha | Outdoor, irrigation | M Lunghusen | 30/6/98 |
| Redlands Nursery | Redland Bay, QLD | Aglaonema | Outdoor, shadehouse, glasshouse and indoor facilities | K Bunker | 30/6/98 |
| Protected Plant Promotions | Macquarie Fields , NSW | New Guinea Impatiens including Impatiens hawkeri 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 | Verbena | Glasshouse | I Paananen | 31/12/98 |
| Avondale Nurseries Ltd | Glenorie, NSW | Agapanthus | Greenhouse, tissue culture with commercial partnership | I Paananen | 31/12/98 |
| Paradise Plants | Kulnura, NSW | Camellia, Lavandula, Osmanthus, Ceratopetalum | Field, glasshouse, shadehouse, irrigation, tissue culture lab | J Robb | 31/12/98 |
| Prescott Roses | Berwick, VIC | Rosa | Field, controlled environment greenhouses | C Prescott | 31/12/98 |
| F & I Baguley Flower and Plant Growers | Clayton South, VIC | Euphorbia | Controlled glasshouses, quarantine facilities, tissue culture | G Guy | 31/3/99 |
| Paradise Plants | Kulnura, NSW | Limonium, Raphiolepis, Eriostemon, Lonicera Jasminum | Field, glasshouse, shadehouse, irrigation, tissue culture lab | J Robb | 30/6/00 |
| Ramm Pty Ltd | Macquarie Fields, NSW | Angelonia | Glasshouse | I Paananen | 30/6/00 |
| Carol's Propagation | Alexandra Hills, QLD | Cuphea, Anthurium | 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 |

| | 1 | | | | |
|--|--------------------------|------------------------------------|--|---|----------|
| Luff Partnership | Kulnura, NSW | Bracteantha | Field beds, irrigation, shade house, propagation house, cool rooms, | I Dawson | 31/12/00 |
| Ramm Pty Ltd | Macquarie Fields, NSW | Petunia, Calibrachoa | Glasshouse | I Paananen J Oates | 31/12/00 |
| NSW Agriculture | Temora | Triticum, Hordeum, Avena | Field, irrigation, glasshouse, climate controlled areas | P Breust | 31/3/01 |
| Bywong Nursery | Bungendore NSW | Leptospermum | 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 | Osteospermum, Rhododendron | Outdoor, shadehouse, glasshouse and indoor facilities | K Bunker | 31/3/02 |
| Ramm Pty Ltd | Macquarie Fields, NSW | Euphorbia | Glasshouse | I Paananen | 31/3/02 |
| Oasis Horticulture Pty Ltd | Springwood, | Impatiens, Euphorbia | 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 | Dahlia | Field beds, wide range of comparative varieties | C Milne D Singh | 31/12/03 |
| Carol's Propagation | Brookfield, QLD | Anubias | Glasshouse specifically designed for aquatic plants | C Milne D Singh | 31/3/04 |
| Queensland Department of Primary Industries, Maroochy Research Station | Nambour, QLD | Ananas | Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab | G. Sanewski | 31/3/04 |
| Abulk Pty Ltd | Clarendon, NSW | Dianella | Normal nursery facilities with access to micro propagation. | I Paananen | 31/3/04 |
| Proteaflora Nursery Pty Ltd | Monbulk, VIC | Plectranthus | Fogged propagation house, greenhouses and irrigated outdoor facilities | Paul Armitage | 30/6/04 |
| Berrimah Agricultural Research Centre | Darwin | Zingiber | 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 | Impatiens, Verbena | 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 | Bracteantha | Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site. | K Bunker | 31/12/04 |
| Boulevarde Nurseries Mildura Pty Ltd | Irymple VIC | Zantedeschia | Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics, | K Mullins | 31/12/04 |

| | | | quaranting facilities | | |
|---------------------|--------------|--------------|----------------------------|-------------|--------------------|
| Dhonon'a | Hadacanyala | December | Qualitation facilities | DDuchenen | 21/12/04 |
| Buchanan s | Hougsonvale, | Prunus | outdoor facilities | P Buchanan | 31/12/04 |
| Nursery | QLD | | including a conection of | | |
| | | | 90 varieties of common | | |
| | 1 1 | ~ | knowledge. | | 2 2 /0 /0 7 |
| Ball Australia | Keysborough, | Calibrachoa, | Controlled climate | M Lunghusen | 30/9/05 |
| | VIC | Osteospermum | glasshouse and | | |
| | | | environment rooms, | | |
| | | | germination chamber, | | |
| | | | quarantine house, cool | | |
| | | | storage, irrigation and | | |
| | | | outdoor facilities. | | |
| Queensland | Mareeba, | Mangifera | Glasshouse, shadehouse, | I Bally | 30/09/05 |
| Department of | QLD | | laboratory complex | | |
| Primary Industries, | | | including biotech, | | |
| Southedge | | | propagation, outdoor | | |
| Research Centre | | | facilities | | |
| Blueberry Farms of | Corindi | Vaccinium | Extensive irrigated | I Paananen | 15/10/07 |
| Australia | Beach NSW | | growing beds. Birds, hail | | |
| | and optional | | and frost protection. Post | | |
| | sites | | harvest facilities | | |
| | Tumbarumba | | including cool rooms. | | |
| | NSW and | | Access to tissue culture | | |
| | Tasmania | | laboratories. | | |
| Ball Australia | Keysborough, | Kalanchoe | Controlled climate | M Lunghusen | 3/6/2008 |
| | VIC | | glasshouse and | | |
| | | | environment rooms. | | |
| | | | germination chamber | | |
| | | | quarantine house cool | | |
| | | | storage irrigation and | | |
| | | | outdoor facilities. | | |

The following applications are pending:

| Name | Location | Genera applied | Facilities | Name of QP |
|---------------------|--------------|----------------|------------------------|------------|
| | | for | | |
| Yates Botanical Pty | Somersby and | Rosa | Tissue culture lab, | I Paananen |
| Ltd | Tuggerah, | | glasshouse, quarantine | |
| | NSW | | and nursery facilities | |
| Aussie Winners | Redland Bay, | Fuchsia | Comprehensive growing | I Paananen |
| Pty Ltd | QLD | | facilities | |
| Schreurs Australia | Leppington, | Rosa | Comprehensive growing | I Paananen |
| Pty Ltd | NSW | | facilities | |

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: 30 June 2010.

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

| | Botanical names | UPOV codes |
|-----------|---|---------------------------------|
| 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 | Solonum tuborosum I | SOLAN TUR |
| Ciass 4.1 | | SOLAN_IUB |
| Class 4.2 | Solanum other than class 4.1 | other than class 4.1 |

LIST OF CLASSES (Continuation)

Part II

Classes encompassing more than one genus

| | Botanical names | UPOV codes |
|------------------------|---|--|
| Class 201 | Secale, Triticale, Triticum | SECAL; TRITL; TRITI |
| Class 202 | Panicum, Setaria | PANIC; SETAR |
| Class 203* | Agrostis, Dactylis, Festuca, Festulolium, Lolium, Phalaris, Phleum and Poa | AGROS; DCTLS; FESTU; FESTL; LOLIU; PHALR; PHLEU; POAAA |
| Class 204 [*] | Lotus, Medicago, Ornithopus, Onobrychis, Trifolium | LOTUS; MEDIC; ORNTP; ONOBR; TRFOL |
| Class 205 | Cichorium, Lactuca | CICHO; LACTU |
| Class 206 | Petunia and Calibrachoa | PETUN; CALIB |
| Class 207 | Chrysanthemum and Ajania | CHRYS; AJANI |
| Class 208 | (Statice) Goniolimon, Limonium, Psylliostachys | GONIO; LIMON; PSYLL_ |
| Class 209 | (Waxflower) Chamelaucium, Verticordia | CHMLC; VERTI; VECHM |
| Class 210 | Jamesbrittania and Sutera | JAMES; SUTER |
| Class 211 | Edible Mushrooms Agaricus bisporus Agaricus blazei Agrocybe cylindracea Auricularia auricura Auricularia polytricha (Mont.) Sscc. Dictyophora indusiata (Ventenat:Persoon) Fischer Flammulina velutipes Ganoderma lucidum (Leyss:Fries) Karsten Grifola frondosa Hericium erinaceum Hypsizigus marmoreus Hypsizigus ulmarius Lentinula edodes Lepista nuda (Bulliard:Fries) Cooke Lepista sordida (Schumacher:Fries) Singer Lyophyllum decastes Lyophyllum shimeji (Kawamura) Hongo Meripilus giganteus (Persoon:Fries) Karten Mycoleptodonoides aitchisonii (Berkeley) Maas Geesteranus Naematoloma sublateritium Panellus serotinus Pholiota adiposa Pholiota nameko Pleurotus cornucopiae var.citrinooileatus Pleurotus cystidiosus Pleurotus cystidiosus Pleurotus cystidiosus subsp. Abalonus Pleurotus ostreatus Pleurotus ostreatus Pleurotus pulmonarius Polyporus tuberaster (Jacquin ex Persoon) Fries Sparassis crispa (Wulfen) Fries Tricholoma giganteum Massee | AGARI_BIS AGARI_BLA AGROC_CYL AURIC_AUR AURIC_POL DICTP_IND FLAMM_VEL GANOD_LUC GRIFO_FRO HERIC_ERI HYPSI_MAR HYPSI_ULM LENTI_ELO LEPIS_NUD LEPIS_SOR LYOPH_DEC LYOPH_SHI MERIP_GIG MYCOL_AIT NAEMA_SUB PANEL_SER PHLIO_ADI PHLIO_ADI PHLIO_NAM PLEUR_COR PLEUR_CYS PLEUR_CYS PLEUR_CYS PLEUR_PUL POLYO_TUB SPARA_CRI MACRO_GIG |

Classes 203 and 204 are not solely established on the basis of closely related species.

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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