

Plant Varieties Journal Optimised for Screen  
Viewing

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IPAustralia

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[Home](#)  
[Part 1 General Information](#)  
[Part 2 Public Notices](#)  
[Part 3 Appendices](#)  
[Subscribe](#)



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. 27 Issue 1) are listed below:

- [Interactive Variety Description System \(IVDS\)](#)
- [Objections and revocations](#)
- [Report on Breeding Issues](#)
- [Use of Overseas Data](#)
- [PBR Infringement](#)
- [On-line Database for PBR Varieties](#)
- [Cumulative Index to Plant Varieties Journal](#)
- [Applying for Plant Breeder's Rights](#)
- [Requirement to Supply Comparative Varieties](#)
- [UPOV Developments](#)
- [European Developments](#)
- [Obligation under the International Convention for the Protection of New Varieties of Plants 1991 \(UPOV91\)](#)
- [Instructions to Qualified Persons](#)

## **Interactive Variety Description System (IVDS)**

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

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

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

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

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

## Objections and Revocations

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

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

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

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

### **Objections to Applications**

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

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

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

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

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

- **a Grant**
- **a Declaration that a Plant Variety is Essentially Derived**

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

- a grant of PBR; or
- a declaration that a plant variety is essentially derived from another plant variety.

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

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

## Report on Breeding Issues

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

## Use of Overseas Data

### Overseas Testing/Data

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

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

### Taxa that must be trailed in Australia

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

#### *Solanum tuberosum* Potato

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

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

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

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

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

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

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

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



## **PBR Infringement**

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

## On-line Database for PBR Varieties

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

## Cumulative Index to Plant Varieties Journal

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

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

## Applying for Plant Breeder's Rights

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

### Steps in Applying for Plant Breeder's Rights

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

## Requirement to Supply Comparative Varieties

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

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

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

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

## UPOV Developments

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

### **The members of UPOV are (Status on 5 December 2012):**

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, Peru, Poland, Portugal, Republic of Korea, Republic of Macedonia, Republic of Moldova, Romania, Russian Federation, Serbia, 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 71).

Serbia became a member of UPOV on 5 December 2012.

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

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

## European Developments

Community plant variety rights within the European Union are administered by the Community Plant Variety Office (CPVO) in Angers, France. With more than 2,600 applications per year, the CPVO receives the highest number of requests for variety protection among the 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 [Notes for Applicants](#) published by the Community Plant Variety Office (CPVO). This note aims to answer legal, administrative and financial questions that one may have when requesting Community plant variety rights. Further information is available from [CPVO website](#).

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

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

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

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

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



## Instructions to Qualified Persons

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

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

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**The detailed descriptions are accepted only in the IVDS format.**

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



Australian Government  
IP Australia

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 27 Issue 1) are listed below:

- [Home](#)
- [Acceptances](#)
- [Variety Descriptions](#)
- [Grants](#)
- [Denomination Changed](#)
- [Synonym Changed](#)
- [Change or Nomination of Agent](#)
- [Assignment of Rights](#)
- [Applications Withdrawn](#)
- [Grants Surrendered](#)
- [Grants Expired](#)
- [Grants Revoked](#)
- [Transfer of Rights](#)
- [Corrigenda & Official Notice](#)

## ACCEPTANCE

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

*Chrysocephalum apiculatum*

YELLOW BUTTONS, COMMON EVERLASTING

### **‘Bonchryki’**

Application No: 2013/248 Accepted: 09 Jan 2014

Applicant: **Bonza Botanicals Pty Limited.**

Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Prunus persica*

PEACH

### **‘ICEQUEEN’**

Application No: 2013/268 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus armeniaca*

APRICOT

### **‘Colorado’**

Application No: 2013/273 Accepted: 09 Jan 2014

Applicant: **Philippe Buffat.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus persica var nucipersica*

NECTARINE

### **‘Pearlywhite V’ syn Crimson Pearl**

Application No: 2013/272 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus persica var nucipersica*

NECTARINE

### **‘Pearlywhite VI’**

Application No: 2013/267 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus salicina*

JAPANESE PLUM

**‘Black Majesty’**

Application No: 2013/266 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus persica*

PEACH

**‘Glacier Princess’**

Application No: 2013/270 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus salicina hybrid*

JAPANESE PLUM

**‘Plumred VII’**

Application No: 2013/265 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus salicina hybrid*

JAPANESE PLUM

**‘Yellowsweet II’**

Application No: 2013/264 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus Salicina hybrid*

JAPANESE PLUM

**‘Plumred III’ syn Flavour Majesty**

Application No: 2013/263 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus persica*

PEACH

**‘Polar Princess’**

Application No: 2013/269 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Prunus Salicina hybrid*

JAPANESE PLUM

**‘Plumred IX’**

Application No: 2013/262 Accepted: 09 Jan 2014

Applicant: **Lowell Glen Bradford.**

Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Agapanthus orientalis*

AGAPANTHUS

**‘PMB011’**

Application No: 2013/317 Accepted: 10 Jan 2014

Applicant: **Pine Mountain Botanics Pty Ltd**, Brassall, QLD.

*Fuchsia x hybrida*

HYBRID FUCHSIA

**‘Sanifhodepa’**

Application No: 2013/253 Accepted: 10 Jan 2014

Applicant: **Suntory Flowers Pty Limited, The Local Government of Nishinomiya City.**

Agent: **Oasis Horticulture Pty Ltd**, Winmalee, NSW.

*Citrus reticulata*

MANDARIN

**‘Carlosed’ syn Carlos Apollo**

Application No: 2011/253 Accepted: 10 Jan 2014

Applicant: **Allison Geraldine Robinson**, Gayndah, QLD.

*Salvia sylvestris*

SALVIA

**‘Impact-Purple’**

Application No: 2013/256 Accepted: 17 Jan 2014

Applicant: **Plant Growers Australia Pty Ltd.**

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

*Brassica napus*

CANOLA

**‘PB1AN141B’**

Application No: 2013/297 Accepted: 20 Jan 2014

Applicant: **Bayer CropScience AG.**

Agent: **Bayer CropScience Pty Limited**, Horsham, VIC.

*Brassica napus*

CANOLA

**‘PA1AN141A’**

Application No: 2013/296 Accepted: 20 Jan 2014

Applicant: **Bayer CropScience AG.**

Agent: **Bayer CropScience Pty Limited**, Horsham, VIC.

*Vitis vinifera*

GRAPE VINE

**‘JPD-001’**

Application No: 2013/304 Accepted: 20 Jan 2014

Applicant: **Jakov Dulcich and Sons, LLC.**

Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

*Brassica napus*

CANOLA

**‘PR1AN503’**

Application No: 2013/298 Accepted: 20 Jan 2014

Applicant: **Bayer CropScience AG.**

Agent: **Bayer CropScience Pty Limited**, Horsham, VIC.

*Verbena hybrid*

VERBENA

**‘Sunmaricoaka’**

Application No: 2011/289 Accepted: 21 Jan 2014

Applicant: **Suntory Flowers Limited.**

Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Verbena hybrid*

VERBENA

**‘Sunmariao’**

Application No: 2011/287 Accepted: 21 Jan 2014

Applicant: **Suntory Flowers Limited.**

Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Pericallis x hybrida*

CINERARIA

**‘Sunsenekabapi’**

Application No: 2013/316 Accepted: 21 Jan 2014

Applicant: **Suntory Flowers Limited.**

Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Rubus subgenus Rubus*

HYBRID BLACKBERRY

**‘DrisBlackSix’**

Application No: 2014/001 Accepted: 22 Jan 2014

Applicant: **Driscoll Strawberry Associates, Inc..**

Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

*Medicago sativa*

LUCERNE

**‘SARDI AT7’**

Application No: 2013/310 Accepted: 22 Jan 2014

Applicant: **Minister of Agriculture, Food and Fisheries acting through SARDI**, Adelaide, SA.

*Euphorbia graminea*

GRASSLEAF SPURGE

**‘Hip Hop’**

Application No: 2011/119 Accepted: 22 Jan 2014

Applicant: **Eelco van Staalduinen.**

Agent: **Sprint Horticulture Pty Ltd**, Wamberal, NSW.

*Lactuca sativa*

LETTUCE

**‘Stefano’**

Application No: 2013/328 Accepted: 28 Jan 2014

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

*Lactuca sativa*

LETTUCE

**‘Polygon’**

Application No: 2013/327 Accepted: 28 Jan 2014

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

*Lactuca sativa*

LETTUCE

**‘Leanex’**

Application No: 2013/329 Accepted: 28 Jan 2014

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

*Vitis vinifera*

GRAPE VINE

**‘IFG 31-077’ syn IFG One**

Application No: 2013/158 Accepted: 28 Jan 2014

Applicant: **International Fruit Genetics LLC.**

Agent: **Alison MacGregor**, Mildura, VIC.



*Vitis vinifera*

GRAPE VINE

**‘IFG 104-253’ syn IFG Two**

Application No: 2013/159 Accepted: 28 Jan 2014

Applicant: **International Fruit Genetics LLC.**

Agent: **Alison MacGregor**, Mildura, VIC.

*Medicago sativa*

LUCERNE

**‘SARDI 10 Series 2’**

Application No: 2013/311 Accepted: 31 Jan 2014

Applicant: **Minister of Agriculture, Food and Fisheries acting through SARDI**, Adelaide, SA.

*Vaccinium corymbosum*

BLUEBERRY

**‘Top Shelf’**

Application No: 2013/318 Accepted: 31 Jan 2014

Applicant: **Fall Creek Farm & Nursery, Inc..**

Agent: **AJ Park**, Canberra, ACT.

*Vaccinium corymbosum x angustifolium*

BLUEBERRY

**‘ZF06-179’**

Application No: 2013/320 Accepted: 31 Jan 2014

Applicant: **Fall Creek Farm & Nursery, Inc..**

Agent: **AJ Park**, Canberra, ACT.

*Vaccinium corymbosum*

BLUEBERRY

**‘ZF06-079’**

Application No: 2013/321 Accepted: 31 Jan 2014

Applicant: **Fall Creek Farm & Nursery, Inc..**

Agent: **AJ Park**, Canberra, ACT.

*Vaccinium corymbosum*

BLUEBERRY

**‘ZF06-043’**

Application No: 2013/322 Accepted: 31 Jan 2014

Applicant: **Fall Creek Farm & Nursery, Inc.**

Agent: **AJ Park**, Canberra, ACT.

*Lactuca sativa*

LETTUCE

**‘41-174 RZ’**

Application No: 2014/003 Accepted: 03 Feb 2014

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

*Lactuca sativa*

LETTUCE

**‘Expertise’**

Application No: 2014/002 Accepted: 03 Feb 2014

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

*Lactuca sativa*

LETTUCE

**‘41-112 RZ’**

Application No: 2014/004 Accepted: 03 Feb 2014

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

*Vaccinium corymbosum*

BLUEBERRY

**‘Clockwork’**

Application No: 2013/326 Accepted: 04 Feb 2014

Applicant: **Fall Creek Farm & Nursery, Inc.**

Agent: **AJ Park**, Canberra, ACT.

*Lolium perenne*

PERENNIAL RYEGRASS

**‘Reward’**

Application No: 2014/007 Accepted: 04 Feb 2014

Applicant: **Grasslands Innovation Limited.**

Agent: **Griffith Hack**, Brisbane, QLD.

*Vaccinium corymbosum*

BLUEBERRY

**‘Cargo’**

Application No: 2013/325 Accepted: 04 Feb 2014

Applicant: **Fall Creek Farm & Nursery, Inc..**

Agent: **AJ Park**, Canberra, ACT.

*Vaccinium virgatum*

SOUTHERN Highbush BLUEBERRY

**‘Overtime’**

Application No: 2013/324 Accepted: 04 Feb 2014

Applicant: **Fall Creek Farm & Nursery, Inc..**

Agent: **AJ Park**, Canberra, ACT.

*Vaccinium corymbosum*

BLUEBERRY

**‘ZF05-196’**

Application No: 2013/323 Accepted: 04 Feb 2014

Applicant: **Fall Creek Farm & Nursery, Inc..**

Agent: **AJ Park**, Canberra, ACT.

*Vaccinium corymbosum*

BLUEBERRY

**‘DrisBlueFive’**

Application No: 2013/011 Accepted: 06 Feb 2014

Applicant: **Driscoll Strawberry Associates, Inc.; Florida Foundation Seed Producers, Inc..**

Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

*Fragaria x ananassa Duch*

STRAWBERRY

**‘Benicia’**

Application No: 2010/290 Accepted: 06 Feb 2014

Applicant: **The Regents of the University of California.**

Agent: **Leslie W. Mitchell**, Shepparton, VIC.

*Fragaria x ananassa*

STRAWBERRY

**‘Mojave’**

Application No: 2010/289 Accepted: 06 Feb 2014

Applicant: **The Regents of the University of California.**

Agent: **Leslie W. Mitchell**, Shepparton, VIC.

*Solanum tuberosum*

POTATO

**‘Manitou’**

Application No: 2013/290 Accepted: 07 Feb 2014

Applicant: **Agrico U.A..**

Agent: **Agrico Australia**, Sydney, NSW.

*Solanum tuberosum*

POTATO

**‘Arizona’**

Application No: 2013/292 Accepted: 07 Feb 2014

Applicant: **Agrico U.A..**

Agent: **Agrico Australia**, Sydney, NSW.

*Solanum tuberosum*

POTATO

**‘Rudolph’**

Application No: 2013/289 Accepted: 07 Feb 2014

Applicant: **Agrico U.A..**

Agent: **Agrico Australia**, Sydney, NSW.

*Alyogyne wrayae*

**‘Blue Heeler’**

Application No: 2014/005 Accepted: 11 Feb 2014

Applicant: **Botanic Gardens and Parks Authority.**  
Agent: **Ramm Botanicals Holdings Pty Ltd**, Kangy Angy, NSW.

*Prunus dulcis*

ALMOND

**‘Marinada’**

Application No: 2013/279 Accepted: 12 Feb 2014  
Applicant: **Institut de Recerca I Tecnologia Agroalimentaries.**  
Agent: **Hodgkinson McInnes Patents**, Sydney, NSW.

*Prunus dulcis*

ALMOND

**‘Vairo’**

Application No: 2013/278 Accepted: 12 Feb 2014  
Applicant: **Institut de Recerca I Tecnologia Agroalimentaries.**  
Agent: **Hodgkinson McInnes Patents**, Sydney, NSW.

*Prunus dulcis*

ALMOND

**‘Tarraco’**

Application No: 2013/277 Accepted: 12 Feb 2014  
Applicant: **Institut de Recerca I Tecnologia Agroalimentaries.**  
Agent: **Hodgkinson McInnes Patents**, Sydney, NSW.

*Prunus dulcis*

ALMOND

**‘Constanti’**

Application No: 2013/276 Accepted: 12 Feb 2014  
Applicant: **Institut de Recerca I Tecnologia Agroalimentaries.**  
Agent: **Hodgkinson McInnes Patents**, Sydney, NSW.

*Acca sellowiana*

PINEAPPLE GUAVA

**‘Anatoki’**

Application No: 2013/314 Accepted: 12 Feb 2014  
Applicant: **Roy Hart.**  
Agent: **Graham's Factree Pty Ltd**, Hoddles Road, VIC.

*Acca sellowiana*

PINEAPPLE GUAVA

**‘Kakariki’**

Application No: 2013/315 Accepted: 12 Feb 2014

Applicant: **Roy Hart.**

Agent: **Graham's Factree Pty Ltd**, Hoddles Road, VIC.

*Acca sellowiana*

PINEAPPLE GUAVA

**‘Kaiteri’**

Application No: 2013/313 Accepted: 12 Feb 2014

Applicant: **Roy Hart.**

Agent: **Graham's Factree Pty Ltd**, Hoddles Road, VIC.

*Vitis vinifera*

GRAPE VINE

**‘IFG Fourteen’**

Application No: 2014/010 Accepted: 13 Feb 2014

Applicant: **International Fruit Genetics LLC.**

Agent: **Alison MacGregor**, Mildura, VIC.

*Vitis vinifera*

GRAPE VINE

**‘IFG Eleven’**

Application No: 2014/011 Accepted: 13 Feb 2014

Applicant: **International Fruit Genetics LLC.**

Agent: **Alison MacGregor**, Mildura, VIC.

*Vitis vinifera*

GRAPE VINE

**‘IFG Thirteen’**

Application No: 2014/013 Accepted: 13 Feb 2014

Applicant: **International Fruit Genetics LLC.**

Agent: **Alison MacGregor**, Mildura, VIC.

*Vitis interspecific hybrid*

GRAPE VINE

**‘IFG Twelve’**

Application No: 2014/009 Accepted: 13 Feb 2014

Applicant: **International Fruit Genetics LLC.**

Agent: **Alison MacGregor**, Mildura, VIC.

*Desmanthus virgatus*

DESMANTHUS

**‘JCU 3’**

Application No: 2011/147 Accepted: 17 Feb 2014

Applicant: **James Cook University.**

Agent: **Nick Kempe**, Coorparoo, QLD.

*Solanum tuberosum*

POTATO

**‘Erika’**

Application No: 2013/308 Accepted: 17 Feb 2014

Applicant: **Agrico U.A..**

Agent: **Agrico Australia**, Sydney, NSW.

*Solanum tuberosum*

POTATO

**‘Agrico-Ambition’**

Application No: 2013/291 Accepted: 17 Feb 2014

Applicant: **Agrico U.A..**

Agent: **Agrico Australia**, Sydney, NSW.

*Pennisetum setaceum 'Rubrum'*

FOUNTAIN GRASS

**‘Fireworks’**

Application No: 2010/305 Accepted: 19 Feb 2014

Applicant: **Ronald Strasko.**

Agent: **Sprint Horticulture Pty Ltd**, Wamberal, NSW.

*Solanum tuberosum*

POTATO

**‘Olympus’**

Application No: 2014/023 Accepted: 21 Feb 2014

Applicant: **Higgins Agriculture Ltd.**

Agent: **Dowling Agritech**, Mt Gambier East, SA.

*Vaccinium corymbosum*

BLUEBERRY

**‘ZF05-009’**

Application No: 2013/319 Accepted: 21 Feb 2014

Applicant: **Fall Creek Farm & Nursery, Inc.**

Agent: **AJ Park**, Canberra, ACT.

*Rosa hybrid*

ROSE

**‘WEKcisbako’**

Application No: 2011/238 Accepted: 21 Feb 2014

Applicant: **Weeks Roses.**

Agent: **Swane's Nurseries Australia**, Dural, NSW.

*Lactuca sativa*

LETTUCE

**‘Capoeira’**

Application No: 2014/022 Accepted: 24 Feb 2014

Applicant: **Vilmorin.**

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

*Cucumis melo*

MELON

**‘Caribbean King’**

Application No: 2014/020 Accepted: 26 Feb 2014

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.



*Cucumis melo*

MELON

**‘Sunny Dee’**

Application No: 2014/015 Accepted: 27 Feb 2014

Applicant: **Nunhems B.V.**

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

*Solanum tuberosum*

POTATO

**‘Laperla’**

Application No: 2014/021 Accepted: 27 Feb 2014

Applicant: **Ijsselmeerpolders BV**.

Agent: **Elders Rural Services Australia Ltd**, Ballarat, VIC.

*Salvia hybrid*

SAGE

**‘SER-Wish’ syn Love and Wishes**

Application No: 2014/014 Accepted: 04 Mar 2014

Applicant: **John Fisher**.

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

*Cucumis melo*

MELON

**‘GOLDELIXIR’**

Application No: 2014/006 Accepted: 05 Mar 2014

Applicant: **Nunhems B.V.**

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

*Solanum tuberosum*

POTATO

**‘Chicago’**

Application No: 2014/029 Accepted: 06 Mar 2014

Applicant: **Cygnets Potato Breeders Ltd**.

Agent: **Elders Rural Services Australia Ltd**, Ballarat, VIC.

*Solanum tuberosum*

POTATO

**‘Excalibur’**

Application No: 2014/028 Accepted: 06 Mar 2014

Applicant: **Cygnets Potato Breeders Ltd.**

Agent: **Elders Rural Services Australia Ltd**, Ballarat, VIC.

*Rubus idaeus*

RASPBERRY

**‘NR7’**

Application No: 2014/036 Accepted: 11 Mar 2014

Applicant: **Pacific Berries LLC.**

Agent: **AJ Park**, Canberra, ACT.

*Lomandra confertifolia*

MATT RUSH

**‘LND Trink’**

Application No: 2013/195 Accepted: 11 Mar 2014

Applicant: **Grey Willow**, Lansdale, WA.

*Fragaria x ananassa*

STRAWBERRY

**‘Safari’**

Application No: 2014/030 Accepted: 11 Mar 2014

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

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

*Russelia equisetiformis*

CORAL PLANT

**‘Red Braid’**

Application No: 2014/033 Accepted: 11 Mar 2014

Applicant: **Floreta Intellectual Property Pty Ltd as trustee for the Sundaze Trust.**

Agent: **Kerry Bunker**, Redland Bay, QLD.

*Russelia equisetiformis*

CORAL PLANT

**‘Orange Braid’**

Application No: 2014/034 Accepted: 11 Mar 2014

Applicant: **Floreta Intellectual Property Pty Ltd as trustee for the Sundaze Trust.**

Agent: **Kerry Bunker**, Redland Bay, QLD.

*Russelia equisetiformis*

CORAL PLANT

**‘Yellow Braid’**

Application No: 2014/035 Accepted: 11 Mar 2014

Applicant: **Floreta Intellectual Property Pty Ltd as trustee for the Sundaze Trust.**

Agent: **Kerry Bunker**, Redland Bay, QLD.

*Pyrus communis L.*

EUROPEAN PEAR

**‘FM324A135’**

Application No: 2010/265 Accepted: 11 Mar 2014

Applicant: **Wolfgang Muller, Baum-und Rosenschule.**

Agent: **Crop & Nursery Services**, Kincumber, NSW.

*Schlumbergera truncata*

CHRISTMAS CACTUS

**‘Fireball’**

Application No: 2014/019 Accepted: 12 Mar 2014

Applicant: **Tillington House Pty Ltd**, Coffs Harbour, NSW.

*Schlumbergera truncata*

CHRISTMAS CACTUS

**‘Snowball’**

Application No: 2014/018 Accepted: 12 Mar 2014

Applicant: **Tillington House Pty Ltd**, Coffs Harbour, NSW.

*Rosa hybrid*

ROSE

**‘Auslounge’**

Application No: 2014/042 Accepted: 19 Mar 2014

Applicant: **David Austin Roses Limited.**

Agent: **Leigh Siebler**, Hartwell, VIC.

*Solanum tuberosum*

POTATO

**‘Top Cat’**

Application No: 2014/031 Accepted: 19 Mar 2014

Applicant: **Colorado State University Research Foundation.**

Agent: **Simplot Australia Pty. Ltd.**, Mentone, VIC.

*Rosa hybrid*

ROSE

**‘Auskitchen’**

Application No: 2014/025 Accepted: 19 Mar 2014

Applicant: **David Austin Roses Limited.**

Agent: **Siebler Publishing Services**, Hartwell, VIC.

*Solanum lycopersicum*

TOMATO

**‘Jungle’**

Application No: 2014/032 Accepted: 19 Mar 2014

Applicant: **Nunhems B.V.**

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

*Vitis vinifera*

GRAPE VINE

**‘Sugrathirtyeight’ syn Sugra38**

Application No: 2014/046 Accepted: 21 Mar 2014

Applicant: **Sun World International, LLC.**

Agent: **Corrs Chambers Westgarth**, Melbourne, VIC.

*Vitis vinifera*

GRAPE VINE

**‘Sugraforty’ syn Sugra40**

Application No: 2014/044 Accepted: 21 Mar 2014

Applicant: **Sun World International, LLC.**

Agent: **Corrs Chambers Westgarth**, Melbourne, VIC.

*Vitis vinifera*

GRAPE VINE

**‘Sugrafortyone’ syn Sugra41**

Application No: 2014/045 Accepted: 21 Mar 2014

Applicant: **Sun World International, LLC.**

Agent: **Corrs Chambers Westgarth**, Melbourne, VIC.

*Westringia hybrid*

COASTAL ROSEMARY

**‘WES08’**

Application No: 2014/043 Accepted: 24 Mar 2014

Applicant: **NuFlora International Pty Ltd.**

Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

*Cucumis melo*

MELON

**‘284HQ’**

Application No: 2013/309 Accepted: 25 Mar 2014

Applicant: **Nunhems B.V.**

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

*Petunia hybrida*

PETUNIA

**‘Keisurfpusos’**

Application No: 2014/039 Accepted: 27 Mar 2014

Applicant: **Kesei Rose Nurseries Incorporated.**

Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Grevillea hybrid*

GREVILLEA

**‘Cream Passion’**

Application No: 2013/305 Accepted: 28 Mar 2014

Applicant: **Peter Ollerenshaw**.

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

*Westringia glabra*

VIOLET WESTRINGIA

**‘WG001’**

Application No: 2011/092 Accepted: 29 Mar 2014

Applicant: **Bushland Flora**, Mt Evelyn, VIC.

## Plant Varieties Journal - Search Results

**Variety Descriptions**

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

<a href="#">Common</a> ( <a href="#">Genus</a> <a href="#">Species</a> )	<a href="#">Variety</a>	<a href="#">Title Holder</a>
<a href="#">Pineapple Guava</a> ( <a href="#">Acca sellowiana</a> )	White Goose	John and Rebecca Beere
<a href="#">Agapanthus</a> ( <a href="#">Agapanthus</a> <a href="#">inapertus</a> )	Goldstrike	IR and SH Gear Family Trust
<a href="#">Agapanthus</a> ( <a href="#">Agapanthus</a> <a href="#">orientalis</a> )	PMB011	Pine Mountain Botanics Pty Ltd
<a href="#">Pineapple</a> ( <a href="#">Ananas</a> <a href="#">comosus</a> )	Aus-Festival	State of Queensland through it's Department of Agriculture, Fisheries and Forestry
<a href="#">Melon</a> ( <a href="#">Cucumis</a> <a href="#">melo</a> )	Sunny Dee	Nunhems B.V.
<a href="#">Melon</a> ( <a href="#">Cucumis</a> <a href="#">melo</a> )	GOLDELIXIR	Nunhems B.V.
<a href="#">Melon</a> ( <a href="#">Cucumis</a> <a href="#">melo</a> )	284HQ	Nunhems B.V.
<a href="#">Couchgrass</a> ( <a href="#">Cynodon dactylon</a> )	Barazur	Barenbrug USA, Inc.
<a href="#">Cocksfoot</a> ( <a href="#">Dactylis</a> <a href="#">glomerata</a> )	Durable	Valley Seeds Pty Ltd
<a href="#">Cocksfoot</a> ( <a href="#">Dactylis</a> <a href="#">glomerata</a> )	Admiral	Valley Seeds Pty Ltd.
<a href="#">Cooper's Ice Plant</a> ( <a href="#">Delosperma</a> <a href="#">cooperi</a> )	Sabakunohoseki Moon Stone	Koichiro Nishikawa
<a href="#">Cooper's Ice Plant</a> ( <a href="#">Delosperma</a> <a href="#">cooperi</a> )	Sabakunohoseki Ruby	Koichiro Nishikawa
<a href="#">Cooper's Ice Plant</a> ( <a href="#">Delosperma</a> <a href="#">cooperi</a> )	Jewel of DesertTopaz	Koichiro Nishikawa
<a href="#">Cooper's Ice Plant</a> ( <a href="#">Delosperma</a> <a href="#">cooperi</a> )	Sabakunohoseki Garnet	Koichiro Nishikawa
<a href="#">Cooper's Ice Plant</a> ( <a href="#">Delosperma</a> <a href="#">cooperi</a> )	Jewel of Desert Peridott	Koichiro Nishikawa
<a href="#">Blue Flax-Lily</a>		

<a href="#"><i>(Dianella prunina x caerulea)</i></a>	DP401	NuFlora International Pty Ltd
<a href="#">Tall Fescue (<i>Festuca arundinacea</i>)</a>	Ability	Valley Seeds Pty Ltd.
<a href="#">Tall Fescue (<i>Festuca arundinacea</i>)</a>	Anywhere	Valley Seeds Pty Ltd.
<a href="#">Gazania (<i>Gazania rigens</i>)</a>	Flogazora	Floreta Intellectual Property Pty Ltd as Trustee for the Sundaze Trust
<a href="#">Barley (<i>Hordeum vulgare</i>)</a>	SouthernStar	Sapporo Breweries Ltd, Adelaide Research & Innovation Pty Ltd
<a href="#">Hydrangea (<i>Hydrangea macrophylla</i>)</a>	Hokomarevo	Kolster Holding B.V. and Santho Beheer B.V.
<a href="#">Lettuce (<i>Lactuca sativa</i>)</a>	Multired 54	Nunhems B.V.
<a href="#">Lettuce (<i>Lactuca sativa</i>)</a>	Intred	Nunhems B.V.
<a href="#">Lettuce (<i>Lactuca sativa</i>)</a>	MESTIZA	Nunhems B.V.
<a href="#">Lettuce (<i>Lactuca sativa</i>)</a>	Flambine	Vilmorin
<a href="#">Lettuce (<i>Lactuca sativa</i>)</a>	Multiblond 56	Nunhems B.V.
<a href="#">Lettuce (<i>Lactuca sativa</i>)</a>	Cosbee	Nunhems B.V.
<a href="#">Lettuce (<i>Lactuca sativa</i>)</a>	Multigreen 60	Nunhems B.V.
<a href="#">Leucadendron (<i>Leucadendron laeolium x salignum</i>)</a>	Ebony	John Francis
<a href="#">Leucadendron (<i>Leucadendron laeolium x salignum</i>)</a>	Burgundy Sunset	John William Barson, Petronella Johanna Barson
<a href="#">Lilyturf (<i>Liriope muscari</i>)</a>	YAM001	Don Teese and Peter Teese
<a href="#">Italian Ryegrass (<i>Lolium multiflorum</i>)</a>	Asteroid	Valley Seeds Pty Ltd.
<a href="#">Annual Ryegrass (<i>Lolium multiflorum var. westerwoldicum</i>)</a>	Finefeed	Valley Seeds Pty Ltd
<a href="#">Annual Ryegrass</a>		



<a href="#"><u>(<i>Lolium multiflorum</i> var. <i>westerwoldicum</i>)</u></a>	Amazon T	Valley Seeds Pty Ltd
<a href="#"><u>Annual Ryegrass (<i>Lolium multiflorum</i> var. <i>westerwoldicum</i>)</u></a>	Astound	Valley Seeds Pty Ltd.
<a href="#"><u>Annual Ryegrass (<i>Lolium multiflorum</i> var. <i>westerwoldicum</i>)</u></a>	Vortex	Heritage Seeds Pty Ltd
<a href="#"><u>Italian Ryegrass (<i>Lolium multiflorum</i>)</u></a>	Achieve	Valley Seeds Pty Ltd.
<a href="#"><u>Italian Ryegrass (<i>Lolium multiflorum</i>)</u></a>	Amass	Valley Seeds Pty Ltd.
<a href="#"><u>Perennial Ryegrass (<i>Lolium perenne</i>)</u></a>	Magniff	Landmark Nominees Ltd
<a href="#"><u>Narrow-Leafed Lupin (<i>Lupinus angustifolius</i>)</u></a>	PBA Gunyidi	Western Australian Agricultural Authority, Grains Research Development Corporation
<a href="#"><u>Narrow-Leafed Lupin (<i>Lupinus angustifolius</i>)</u></a>	PBA BARLOCK	Western Australian Agriculture Authority, Grains Research and Development Coproration
<a href="#"><u>Petunia (<i>Petunia</i> hybrid)</u></a>	Sunsurfcopasamo	Suntory Flowers Limited
<a href="#"><u>Phalaris (<i>Phalaris aquatica</i>)</u></a>	BarLaris	Barenbrug Palaversich
<a href="#"><u>Phalaris (<i>Phalaris aquatica</i>)</u></a>	Amplify	Valley Seeds Pty Ltd.
<a href="#"><u>Rose (<i>Rosa</i> hybrid)</u></a>	JACsegra	Jackson and Perkins
<a href="#"><u>Rose (<i>Rosa</i> hybrid)</u></a>	WEKcisbako	Weeks Roses
<a href="#"><u>Rose (<i>Rosa</i> hybrid)</u></a>	WEKvossutono	Weeks Roses Ltd
<a href="#"><u>Sugarcane (<i>Saccharum</i> hybrid)</u></a>	Q252	Sugar Research Australia Limited (SRA)
<a href="#"><u>Sugarcane (<i>Saccharum</i> hybrid)</u></a>	Q256	Sugar Research Australia Limited (SRA)
<a href="#"><u>Sugarcane (<i>Saccharum</i> hybrid)</u></a>	Q254	Sugar Research Australia Limited (SRA)
<a href="#"><u>Fanflower (<i>Scaevola aemula</i>)</u></a>	Scasalute	NuFlora International Pty Ltd
<a href="#"><u>Fanflower (<i>Scaevola aemula</i>)</u></a>	Scacrawl	NuFlora International Pty Ltd
<a href="#"><u>Cereal Rye (<i>Secale cereale</i>)</u></a>	Feastfeed	Valley Seeds Pty Ltd
<a href="#"><u>Subterranean</u></a>		MINISTER FOR AGRICULTURE, FOOD AND

<a href="#">Clover (<i>Trifolium subterraneum</i> ssp <i>brachycalycinum</i>)</a>	B42	FISHERIES (Acting through the South Australian Research and Development Institute)
<a href="#">Subterranean Clover (<i>Trifolium subterraneum</i> ssp <i>yannicum</i>)</a>	Monti	MINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Development Institute)
<a href="#">Wheat (<i>Triticum aestivum</i>)</a>	Manning	CSIRO Plant Industry, Grains Research and Development Corporation
<a href="#">Durum Wheat (<i>Triticum turgidum</i> subsp. <i>Durum</i>)</a>	DBA-Aurora	Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation
<a href="#">Triticale (<i>xTriticosecale</i> .)</a>	Crackerjack 2	Plant and Food Research
<a href="#">Corn (<i>Zea mays</i>)</a>	01DKD2	Monsanto Technology LLC
<a href="#">Corn (<i>Zea mays</i>)</a>	01INL1	Monsanto Technology LLC
<a href="#">Corn (<i>Zea mays</i>)</a>	C3IZI203	Monsanto Technology LLC
<a href="#">Corn (<i>Zea mays</i>)</a>	87DUA5	Monsanto Technology LLC

1 to 62 of 62

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Agapanthus (*Agapanthus inapertus*)****Variety:** 'Goldstrike'**Synonym:** N/A**Application no:** 2011/043**Current status:** Accepted**Certificate no:** N/A**Received:** 28-Mar-2011**Accepted:** 20-Jun-2011**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** IR and SH Gear Family Trust**Agent:** Plants Management Australia Pty. Ltd.**Telephone:** 0362659050**Fax:** 0362659919

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Agapanthus (*Agapanthus orientalis*)****Variety:** 'PMB011'**Synonym:** N/A**Application no:** 2013/317**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Dec-2013**Accepted:** 10-Jan-2014**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Pine Mountain Botanics Pty Ltd**Agent:** N/A**Telephone:** 0754643976**Fax:** 0754643700

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Annual Ryegrass (*Lolium multiflorum* var. *westerwoldicum*)****Variety:** 'Finefeed'**Synonym:** Diploy**Application no:** 2013/284**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Oct-2013**Accepted:** 20-Nov-2013**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** Valley Seeds Pty Ltd**Agent:** N/A**Telephone:** 0355684112**Fax:** 0355684112

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Annual Ryegrass (*Lolium multiflorum* var. *westerwoldicum*)****Variety:** 'Amazon T'**Synonym:** Tetrabold**Application no:** 2013/285**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Oct-2013**Accepted:** 20-Nov-2013**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** Valley Seeds Pty Ltd**Agent:** N/A**Telephone:** 0355684112**Fax:** 0355684112

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Annual Ryegrass (*Lolium multiflorum* var. *westerwoldicum*)****Variety:** 'Astound'**Synonym:** Alive**Application  
no:** 2012/244**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 07-Nov-2012**Accepted:** 19-Nov-2013**Granted:** N/A**Description  
published in  
Plant  
Varieties  
Journal:** Volume 27, Issue 1**Title Holder:** Valley Seeds Pty Ltd.**Agent:** N/A**Telephone:** 0357976203**Fax:** 0357976307

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Annual Ryegrass (*Lolium multiflorum* var. *westerwoldicum*)****Variety:** 'Vortex'**Synonym:** N/A**Application no:** 2012/143**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-Jul-2012**Accepted:** 09-Aug-2012**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** Heritage Seeds Pty Ltd**Agent:** N/A**Telephone:** 0397014007**Fax:** 0397014050

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

Date of effect: 28-Apr-2014



## Plant Varieties Journal - Search Result Details

**Barley (*Hordeum vulgare*)****Variety:** 'SouthernStar'**Synonym:** N/A**Application no:** 2012/110**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Jun-2012**Accepted:** 10-Jul-2012**Granted:** N/A**Description published in Plant Varieties Journal:**

Volume 27, Issue 1

**Title:** Sapporo Breweries Ltd, Adelaide Research & Innovation**Holder:** Pty Ltd**Agent:** Adelaide Research & Innovation Pty Ltd**Telephone:** 0883133480**Fax:** 0883134355[View the detailed description of this variety.](#)

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Blue Flax-Lily (*Dianella prunina x caerulea*)****Variety:** 'DP401'**Synonym:** N/A**Application no:** 2013/077**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-Apr-2013**Accepted:** 10-May-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** NuFlora International Pty Ltd**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** N/A

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Cereal Rye (*Secale cereale*)****Variety:** 'Feastfeed'**Synonym:** Morefeed**Application no:** 2013/287**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Oct-2013**Accepted:** 22-Nov-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Valley Seeds Pty Ltd**Agent:** N/A**Telephone:** 0355684112**Fax:** 0355684112

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Cocksfoot (*Dactylis glomerata*)****Variety:** 'Durable'**Synonym:** Staylong**Application no:** 2013/286**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Oct-2013**Accepted:** 22-Nov-2013**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** Valley Seeds Pty Ltd**Agent:** N/A**Telephone:** 0355684112**Fax:** 0355684112

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Cocksfoot (*Dactylis glomerata*)****Variety:** 'Admiral'**Synonym:** Admire**Application no:** 2012/239**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Nov-2012**Accepted:** 19-Nov-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Valley Seeds Pty Ltd.**Agent:** N/A**Telephone:** 0357976203**Fax:** 0357976307

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

**Date of effect:** 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Cooper's Ice Plant (*Delosperma cooperi*)****Variety:** 'Sabakunohoseki Moon Stone'**Synonym:** Jewel of Desert Moon Stone**Application no:** 2013/066**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Mar-2013**Accepted:** 13-Sep-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
**Volume 27, Issue 1**

**Title Holder:** Koichiro Nishikawa**Agent:** Sprint Horticulture Pty Ltd**Telephone:** 0243854440**Fax:** 0243855727

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Cooper's Ice Plant (*Delosperma cooperi*)****Variety:** 'Sabakunohoseki Ruby'**Synonym:** Jewel of Desert Ruby**Application no:** 2013/068**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Mar-2013**Accepted:** 13-Sep-2013**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** Koichiro Nishikawa**Agent:** Sprint Horticulture Pty Ltd**Telephone:** 0243854440**Fax:** 0243855727

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Cooper's Ice Plant (*Delosperma cooperi*)****Variety:** 'Jewel of DesertTopaz'**Synonym:** N/A**Application no:** 2013/069**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Mar-2013**Accepted:** 13-Sep-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
**Volume 27, Issue 1**

**Title Holder:** Koichiro Nishikawa**Agent:** Sprint Horticulture Pty Ltd**Telephone:** 0243854440**Fax:** 0243855727

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



Date of effect: 28-Apr-2014



## Plant Varieties Journal - Search Result Details

**Cooper's Ice Plant (*Delosperma cooperi*)****Variety:** 'Sabakunohoseki Garnet'**Synonym:** Jewel of Desert Garnet**Application no:** 2013/065**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Mar-2013**Accepted:** 13-Sep-2013**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** Koichiro Nishikawa**Agent:** Sprint Horticulture Pty Ltd**Telephone:** 0243854440**Fax:** 0243855727

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Cooper's Ice Plant (*Delosperma cooperi*)****Variety:** 'Jewel of Desert Peridott'**Synonym:** N/A**Application no:** 2013/067**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Mar-2013**Accepted:** 13-Sep-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
**Volume 27, Issue 1**

**Title Holder:** Koichiro Nishikawa**Agent:** Sprint Horticulture Pty Ltd**Telephone:** 0243854440**Fax:** 0243855727

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Corn (*Zea mays*)****Variety:** '01DKD2'**Synonym:** I294213**Application no:** 2012/191**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Sep-2012**Accepted:** 25-Feb-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Monsanto Technology LLC**Agent:** Monsanto Australia Limited**Telephone:** 0367931312**Fax:** 0367931328

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Corn (*Zea mays*)****Variety:** '01INL1'**Synonym:** N/A**Application no:** 2012/192**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Sep-2012**Accepted:** 25-Feb-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Monsanto Technology LLC**Agent:** Monsanto Australia Limited**Telephone:** 0367931312**Fax:** 0367931328

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Corn (*Zea mays*)****Variety:** 'C3IZI203'**Synonym:** N/A**Application no:** 2012/194**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Sep-2012**Accepted:** 25-Mar-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Monsanto Technology LLC**Agent:** Monsanto Australia Limited**Telephone:** 0367931312**Fax:** 0367931328

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Corn (*Zea mays*)****Variety:** '87DUA5'**Synonym:** I119135**Application no:** 2012/193**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Sep-2012**Accepted:** 25-Feb-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Monsanto Technology LLC**Agent:** Monsanto Australia Limited**Telephone:** 0367931312**Fax:** 0367931328

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Date of effect: 28-Apr-2014

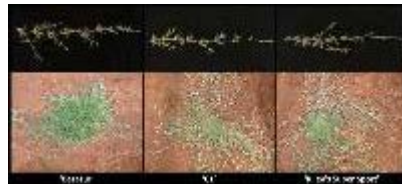
## Plant Varieties Journal - Search Result Details

**Couchgrass (*Cynodon dactylon*)****Variety:** 'Barazur'**Synonym:** N/A**Application no:** 2011/277**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 28-Nov-2011**Accepted:** 27-May-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Barenbrug USA, Inc.**Agent:** Phillips Ormonde Fitzpatrick**Telephone:** 0396222287**Fax:** 09614186

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

**Date of effect:** 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Durum Wheat (*Triticum turgidum* subsp. *Durum*)****Variety:** 'DBA-Aurora'**Synonym:** N/A**Application no:** 2013/233**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Sep-2013**Accepted:** 31-Oct-2013**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title:** Adelaide Research & Innovation Pty Ltd, Grains**Holder:** Research and Development Corporation**Agent:** Adelaide Research & Innovation Pty Ltd**Telephone:** 0883133480**Fax:** 0883134355

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



Date of effect: 28-Apr-2014



## Plant Varieties Journal - Search Result Details

**Fanflower (*Scaevola aemula*)****Variety:** 'Scasalute'**Synonym:** N/A**Application no:** 2008/213**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jul-2008**Accepted:** 27-Jan-2010**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** NuFlora International Pty Ltd**Agent:** Ramm Botanicals Pty Ltd**Telephone:** 0243512099**Fax:** 0243531875

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Fanflower (*Scaevola aemula*)****Variety:** 'Scacrawl'**Synonym:** N/A**Application no:** 2008/214**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jul-2008**Accepted:** 27-Jan-2010**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** NuFlora International Pty Ltd**Agent:** Ramm Botanicals Pty Ltd**Telephone:** 0243512099**Fax:** 0243531875

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Gazania (*Gazania rigens*)****Variety:** 'Flogazora'**Synonym:** N/A**Application no:** 2013/049**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Feb-2013**Accepted:** 02-May-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title:** Floreta Intellectual Property Pty Ltd as Trustee for the**Holder:** Sundaze Trust**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Hydrangea (*Hydrangea macrophylla*)**

**Variety:** 'Hokomarevo'  
**Synonym:** Magical Revolution

**Application no:** 2013/171

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 23-Jul-2013

**Accepted:** 20-Dec-2013

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 27, Issue 1

**Title Holder:** Kolster Holding B.V. and Santho Beheer B.V.

**Agent:** Pearce's Nurseries Pty Ltd

**Telephone:** 0266281289

**Fax:** 0266281683

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Italian Ryegrass (*Lolium multiflorum*)****Variety:** 'Achieve'**Synonym:** Activate**Application  
no:** 2012/246**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 07-Nov-2012**Accepted:** 19-Nov-2013**Granted:** N/A**Description  
published in  
Plant  
Varieties  
Journal:** Volume 27, Issue 1**Title Holder:** Valley Seeds Pty Ltd.**Agent:** N/A**Telephone:** 0357976203**Fax:** 0357976307

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Italian Ryegrass (*Lolium multiflorum*)****Variety:** 'Amass'**Synonym:** Assert**Application  
no:** 2012/243**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 07-Nov-2012**Accepted:** 19-Nov-2013**Granted:** N/A**Description  
published in  
Plant  
Varieties  
Journal:** Volume 27, Issue 1**Title Holder:** Valley Seeds Pty Ltd.**Agent:** N/A**Telephone:** 0357976203**Fax:** 0357976307

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Italian Ryegrass (*Lolium multiflorum*)****Variety:** 'Asteroid'**Synonym:** Dinki Di**Application  
no:** 2012/242**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 07-Nov-2012**Accepted:** 19-Nov-2013**Granted:** N/A**Description  
published in  
Plant  
Varieties  
Journal:** Volume 27, Issue 1**Title Holder:** Valley Seeds Pty Ltd.**Agent:** N/A**Telephone:** 0357976203**Fax:** 0357976307

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Lettuce (*Lactuca sativa*)****Variety:** 'Multired 54'**Synonym:** N/A**Application  
no:** 2011/085**Current  
status:** Accepted**Certificate  
no:** N/A**Received:** 11-May-2011**Accepted:** 06-Jun-2011**Granted:** N/A**Description  
published in  
Plant  
Varieties  
Journal:** Volume 27, Issue 1**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 28-Apr-2014



## Plant Varieties Journal - Search Result Details

**Lettuce (*Lactuca sativa*)****Variety:** 'Intred'**Synonym:** N/A**Application no:** 2010/168**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Jul-2010**Accepted:** 18-Aug-2010**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Lettuce (*Lactuca sativa*)****Variety:** 'MESTIZA'**Synonym:** N/A**Application no:** 2012/117**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 15-Jun-2012**Accepted:** 29-Jan-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Lettuce (*Lactuca sativa*)****Variety:** 'Flambine'**Synonym:** N/A**Application no:** 2013/096**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 19-Apr-2013**Accepted:** 17-May-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Vilmorin**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Lettuce (*Lactuca sativa*)****Variety:** 'Multiblond 56'**Synonym:** N/A**Application no:** 2013/295**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 19-Nov-2013**Accepted:** 22-Nov-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Lettuce (*Lactuca sativa*)****Variety:** 'Cosbee'**Synonym:** N/A**Application no:** 2013/179**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Aug-2013**Accepted:** 12-Sep-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Lettuce (*Lactuca sativa*)****Variety:** 'Multigreen 60'**Synonym:** N/A**Application no:** 2013/148**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Jun-2013**Accepted:** 22-Jul-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Leucadendron (*Leucadendron laureolum* x *salignum*)****Variety:** 'Ebony'**Synonym:** N/A**Application no:** 2010/148**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Jul-2010**Accepted:** 04-Nov-2010**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** John Francis  
**Agent:** Touch of Class Pty Ltd  
**Telephone:** 0356292443  
**Fax:** 0356292822

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Leucadendron (*Leucadendron laureolum* x *salignum*)****Variety:** 'Burgundy Sunset'**Synonym:** N/A**Application no:** 2010/189**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Aug-2010**Accepted:** 29-Oct-2010**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** John William Barson, Petronella Johanna Barson**Agent:** Proteaflora Nursery**Telephone:** 0397519933**Fax:** 0397566948

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



Date of effect: 28-Apr-2014



## Plant Varieties Journal - Search Result Details

**Lilyturf (*Liriope muscari*)****Variety:** 'YAM001'**Synonym:** N/A**Application no:** 2011/063**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Apr-2011**Accepted:** 14-Mar-2012**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Don Teese and Peter Teese**Agent:** Plants Management Australia Pty. Ltd.**Telephone:** 0362659050**Fax:** 0362659919

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

**Date of effect:** 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Melon (*Cucumis melo*)****Variety:** 'Sunny Dee'**Synonym:** N/A**Application no:** 2014/015**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jan-2014**Accepted:** 27-Feb-2014**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Melon (*Cucumis melo*)****Variety:** 'GOLDELIXIR'**Synonym:** N/A**Application no:** 2014/006**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Jan-2014**Accepted:** 05-Mar-2014**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Melon (*Cucumis melo*)****Variety:** '284HQ'**Synonym:** N/A**Application no:** 2013/309**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Dec-2013**Accepted:** 25-Mar-2014**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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

**Date of effect:** 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Narrow-Leafed Lupin (*Lupinus angustifolius*)****Variety:** 'PBA Gunyidi'**Synonym:** N/A**Application no:** 2011/068**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Apr-2011**Accepted:** 15-Oct-2012**Granted:** N/A**Description published in Plant Varieties Journal:**

Volume 27, Issue 1

**Title:** Western Australian Agricultural Authority, Grains**Holder:** Research Development Corporation**Agent:** Department of Agriculture and Food**Telephone:** 0893683506**Fax:** 0893682758[View the detailed description of this variety.](#)

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Narrow-Leafed Lupin (*Lupinus angustifolius*)****Variety:** 'PBA BARLOCK'**Synonym:** N/A**Application no:** 2013/098**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Apr-2013**Accepted:** 21-Jun-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
**Plant** Volume 27, Issue 1

**Title** Western Australian Agriculture Authority, Grains**Holder:** Research and Development Corporation**Agent:** Western Australian Agriculture Authority**Telephone:** 0893693477**Fax:** 0893683082

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Perennial Ryegrass (*Lolium perenne*)****Variety:** 'Magniff'**Synonym:** N/A**Application no:** 2010/127**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Jun-2010**Accepted:** 09-Jul-2012**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** Landmark Nominees Ltd  
**Agent:** Gippsland Farm Solutions  
**Telephone:** 0351530277  
**Fax:** 0351530046

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Petunia (*Petunia hybrid*)****Variety:** 'Sunsurfcopasamo'**Synonym:** N/A**Application  
no:** 2009/109**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 22-May-2009**Accepted:** 31-Aug-2009**Granted:** N/A**Description  
published in  
Plant  
Varieties  
Journal:** Volume 27, Issue 1**Title Holder:** Suntory Flowers Limited**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** 0247544260

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



Date of effect: 28-Apr-2014



## Plant Varieties Journal - Search Result Details

**Phalaris (*Phalaris aquatica*)****Variety:** 'BarLaris'**Synonym:** Lawson**Application  
no:** 2011/198**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 05-Sep-2011**Accepted:** 25-Jan-2012**Granted:** N/A**Description  
published in  
Plant  
Varieties  
Journal:** Volume 27, Issue 1**Title Holder:** Barenbrug Palaversich**Agent:** Heritage Seeds Pty Ltd**Telephone:** 0397014007**Fax:** 0397014050

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Phalaris (*Phalaris aquatica*)****Variety:** 'Amplify'**Synonym:** Armory**Application no:** 2012/245**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Nov-2012**Accepted:** 19-Nov-2013**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** Valley Seeds Pty Ltd.**Agent:** N/A**Telephone:** 0357976203**Fax:** 0357976307

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Pineapple (*Ananas comosus*)****Variety:** 'Aus-Festival'**Synonym:** N/A**Application no:** 2012/149**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Jul-2012**Accepted:** 09-Aug-2012**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title:** State of Queensland through it's Department of**Holder:** Agriculture, Fisheries and Forestry**Agent:** N/A**Telephone:** 0732554465**Fax:** 0738466371

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Pineapple Guava (*Acca sellowiana*)****Variety:** 'White Goose'**Synonym:** N/A**Application no:** 2006/196**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Jul-2006**Accepted:** 01-Aug-2006**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** John and Rebecca Beere**Agent:** Australian Nurserymen's Fruit Improvement Company Limited (ANFIC)**Telephone:** 0734919905**Fax:** 0734919929

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Rose (*Rosa hybrid*)**

**Variety:** 'JACsegra'  
**Synonym:** Pope John Paul II

**Application no:** 2011/234

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 03-Nov-2011

**Accepted:** 29-Oct-2012

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 27, Issue 1

**Title Holder:** Jackson and Perkins  
**Agent:** Swane's Nurseries Australia  
**Telephone:** 0296511777  
**Fax:** 0296512146

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Rose (*Rosa hybrid*)****Variety:** 'WEKcisbako'**Synonym:** N/A**Application no:** 2011/238**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Nov-2011**Accepted:** 21-Feb-2014**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Weeks Roses**Agent:** Swane's Nurseries Australia**Telephone:** 0296511322**Fax:** 0296512146

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

**Date of effect:** 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Rose (*Rosa hybrid*)****Variety:** 'WEKvossutono'**Synonym:** N/A**Application no:** 2009/219**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Sep-2009**Accepted:** 09-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 1**Title Holder:** Weeks Roses Ltd**Agent:** Swanes Nurseries Australia Pty Ltd**Telephone:** 0296511322**Fax:** 0296512146

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Subterranean Clover (*Trifolium subterraneum* ssp *brachycalycinum*)****Variety:** 'B42'**Synonym:** N/A**Application no:** 2013/130**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Jun-2013**Accepted:** 26-Jul-2013**Granted:** N/A**Description published in Plant Varieties Journal:**

Volume 27, Issue 1

**Title Holder:** MINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Development Institute)**Agent:** N/A**Telephone:** 0885249661**Fax:** 0885249088[View the detailed description of this variety.](#)

Date of effect: 28-Apr-2014



## Plant Varieties Journal - Search Result Details

**Subterranean Clover (*Trifolium subterraneum* ssp *yannanicum*)****Variety:** 'Monti'**Synonym:** N/A**Application no:** 2013/085**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 11-Apr-2013**Accepted:** 17-May-2013**Granted:** N/A**Description published in Plant Varieties Journal:**

Volume 27, Issue 1

**Title Holder:** MINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Development Institute)**Agent:** N/A**Telephone:** 0885249661**Fax:** 0885249088[View the detailed description of this variety.](#)

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Sugarcane (*Saccharum hybrid*)****Variety:** 'Q252'**Synonym:** N/A**Application no:** 2013/205**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Aug-2013**Accepted:** 13-Sep-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Sugar Research Australia Limited (SRA)**Agent:** N/A**Telephone:** 0733313326**Fax:** 0738710383

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Sugarcane (*Saccharum hybrid*)****Variety:** 'Q256'**Synonym:** N/A**Application no:** 2013/208**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Aug-2013**Accepted:** 13-Sep-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Sugar Research Australia Limited (SRA)**Agent:** N/A**Telephone:** 0733313326**Fax:** 0738710383

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Sugarcane (*Saccharum hybrid*)****Variety:** 'Q254'**Synonym:** N/A**Application no:** 2013/207**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Aug-2013**Accepted:** 13-Sep-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
Volume 27, Issue 1

**Title Holder:** Sugar Research Australia Limited (SRA)**Agent:** N/A**Telephone:** 0733313326**Fax:** 0738710383

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Tall Fescue (*Festuca arundinacea*)**

**Variety:** 'Ability'  
**Synonym:** Temptation

**Application no:** 2012/240

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 07-Nov-2012

**Accepted:** 19-Nov-2013

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 27, Issue 1

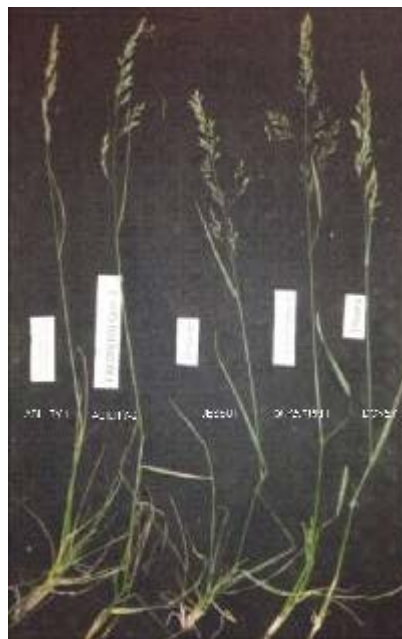
**Title Holder:** Valley Seeds Pty Ltd.

**Agent:** N/A

**Telephone:** 0357976203

**Fax:** 0357976307

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



Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Tall Fescue (*Festuca arundinacea*)****Variety:** 'Anywhere'**Synonym:** Attitude**Application  
no:** 2012/241**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 07-Nov-2012**Accepted:** 19-Nov-2013**Granted:** N/A**Description  
published in  
Plant  
Varieties  
Journal:** Volume 27, Issue 1**Title Holder:** Valley Seeds Pty Ltd.**Agent:** N/A**Telephone:** 0357976203**Fax:** 0357976307

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

**Date of effect:** 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Triticale (*xTriticosecale* .)****Variety:** 'Crackerjack 2'**Synonym:** CJ.2**Application  
no:** 2011/189**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 25-Aug-2011**Accepted:** 10-Nov-2011**Granted:** N/A**Description  
published in  
Plant  
Varieties  
Journal:** Volume 27, Issue 1**Title Holder:** Plant and Food Research**Agent:** Heritage Seeds**Telephone:** 0397014007**Fax:** 0397014050

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

Date of effect: 28-Apr-2014

## Plant Varieties Journal - Search Result Details

**Wheat (*Triticum aestivum*)****Variety:** 'Manning'**Synonym:** N/A**Application no:** 2013/152**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Jul-2013**Accepted:** 31-Jul-2013**Granted:** N/A

**Description published in Plant Varieties Journal:**  
**Plant Varieties Journal:** Volume 27, Issue 1

**Title:** CSIRO Plant Industry, Grains Research and**Holder:** Development Corporation**Agent:** N/A**Telephone:** 6246 5012**Fax:** N/A

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



Date of effect: 28-Apr-2014



**Details of Application**

<b>Application Number</b>	2013/284
<b>Variety Name</b>	'Finefeed'
<b>Genus Species</b>	<i>Lolium multiflorum</i> var. <i>westerwoldicum</i>
<b>Common Name</b>	Annual ryegrass
<b>Synonym</b>	Diploy
<b>Accepted Date</b>	20 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Ryegrass <i>Lolium spp.</i> UPOV TG/4/8
<b>Period</b>	March 2013 – December 2013
<b>Conditions</b>	Planting date: 12 <sup>th</sup> May 2013. Replicates: 10 Sample size: 80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Controlled pollination: 'Progrow' x 'Aristocrat II'. Parents were selected from a superior breeders line that had been previously developed from 'Progrow' and 'Aristocrat II' varieties and intercrossed in isolation in a polycross nursery. Spaced plants were evaluated for the following traits: -Forage yield, disease resistance, high tiller number, heading date. Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	diploid
Plant	time of inflorescence	early to medium
Plant	emergence	
	tendency to form inflorescences	strong
Leaf	length	medium
Leaf	intensity of green colour	medium

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

<b>Name</b>	<b>Comments</b>
'Progrwo'	seed parent
'Aristocrat II'	pollen parent
'Sultan'	
'Arnie'	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing</b>	<b>State of Expression in</b>	<b>State of Expression in Comments</b>
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Characteristics	Candidate Variety	Comparator Variety
'SurreyII' Days to heading 'Pronto' 'Noble'	medium	early
'Missile' Leaf width	medium to broad	medium

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

Organ/Plant Part: Context	'LWD4(11)	'Aristocrat II'	'Arnie'	'Progrow'	'Sultan'
<input type="checkbox"/> *Plant: ploidy	diploid	diploid	diploid	diploid	diploid
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	medium to semi-prostrate	semi-erect to medium	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate
<input type="checkbox"/> Leaf: length	medium to long	medium	medium	medium	medium to long
<input type="checkbox"/> Leaf: width	medium	narrow to medium	broad	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: width	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium to semi-prostrate	semi-erect to medium	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate
<input type="checkbox"/> Plant: height	medium to tall	tall	tall	medium to tall	medium to tall
<input type="checkbox"/> *Plant: time of inflorescence emergence (varieties of Lmw and Lr only)	medium	early to medium	medium	early to medium	early to medium
<input type="checkbox"/> Plant: tendency to form inflorescences (without vernalisation)	strong	strong	strong	strong	strong
<input type="checkbox"/> Plant: natural height (at inflorescence emergence)	medium to tall	tall	tall	medium to tall	medium to tall
<input type="checkbox"/> Plant: width at inflorescence emergence	medium	medium	medium	medium	medium
<input type="checkbox"/> *Flag leaf: length	long	medium to long	short	medium to long	medium to long
<input type="checkbox"/> *Flag leaf: width	medium to broad	medium to broad	broad	broad	medium to broad
<input type="checkbox"/> Flag leaf: length/width ratio	medium	medium	low	medium	medium
<input type="checkbox"/> *Plant: length of longest stem (inflorescence included)	medium to long	long	long	medium to long	medium to long
<input type="checkbox"/> Plant: length of upper internode	long	long	medium to long	long	long
<input type="checkbox"/> Inflorescence: length	medium	short	short	long	medium
<input type="checkbox"/> Inflorescence: density	medium	medium to dense	dense	medium	medium
<input type="checkbox"/> Inflorescence: length of outer glume (on basal spikelet)	long	short	short	long	short

<input type="checkbox"/> Inflorescence: length of basal spikelet (excluding awn)	long	medium to long	long	long	long
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**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'LWD4(11)'	'Aristocrat II'	'Arnie'	'Progrow'	'Sultan'
<input type="checkbox"/> Vegetative leaf: rust tolerance	medium	medium to high	medium low		medium to high

**Statistical Table**

Organ/Plant Part: Context	'LWD4(11)'	'Aristocrat II'	'Arnie'	'Progrow'	'Sultan'
<input type="checkbox"/> Stem: length(cm)					
Mean	104.63	108.95	108.19	105.80	105.67
Std. Deviation	5.25	4.83	8.99	5.29	6.76
Lsd/sig	7.59	ns	ns	ns	ns
<input type="checkbox"/> Internode: length(cm)					
Mean	27.63	31.16	25.76	29.60	28.55
Std. Deviation	2.79	2.89	3.55	2.54	3.51
Lsd/sig	3.53	ns	ns	ns	ns
Vegetative leaf: rust tolerance (1-9; 9=most tolerant)					
Mean	4.20	6.30	5.50	2.60	5.80
Std. Deviation	1.99	2.06	1.72	0.84	1.99
Lsd/sig	2.09	P≤0.01	ns	ns	ns
<input type="checkbox"/> Vegetative leaf: length(cm)					
Mean	23.50	23.24	23.26	23.03	24.41
Std. Deviation	1.67	2.11	1.56	2.0.9	1.5.8
Lsd/sig	2.21	ns	ns	ns	ns
<input type="checkbox"/> Vegetative leaf: width(cm)					
Mean	0.75	0.69	0.88	0.78	0.7.6
Std. Deviation	0.06	0.18	0.07	0.09	0.04
Lsd/sig	0.12	ns	P≤0.01	ns	ns
<input type="checkbox"/> Vegetative leaf: length/width ratio					
Mean	33.39	37.40	26.80	30.57	32.87
Std. Deviation	3.36	8.02	2.37	2.64	3.34
Lsd/sig	5.60	ns	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Plant: days to heading ( from 1 <sup>st</sup> October 2013)					
Mean	45.85	43.11	48.38	42.10	42.97
Std. Deviation	2.05	2.28	3.28	2.28	2.53
Lsd/sig	2.88	ns	ns	P≤0.01	ns
<input type="checkbox"/> Flag leaf: width(cm)					
Mean	0.72	0.63	0.77	0.78	0.73
Std. Deviation	0.04	0.14	0.06	0.09	0.07
Lsd/sig	0.10	ns	ns	ns	ns
<input checked="" type="checkbox"/> Flag leaf: length(cm)					
Mean	21.29	18.07	17.62	18.95	19.44
Std. Deviation	2.33	1.96	2.09	2.45	1.37
Lsd/sig	2.52	P≤0.01	P≤0.01	ns	ns

<input type="checkbox"/> Flag leaf: length/width ratio					
Mean	30.31	30.75	23.31	25.12	27.61
Std. Deviation	4.77	6.85	1.91	3.53	3.30
Lsd/sig	5.21	ns	P≤0.01	ns	ns
<input type="checkbox"/> Inflorescence: length(cm)					
Mean	30.33	28.69	27.96	32.88	30.76
Std. Deviation	1.01	1.80	2.14	2.07	2.32
Lsd/sig	2.32	ns	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Inflorescence: spikelet density(No. of spikelets/5cm)					
Mean	4.89	5.54	5.94	4.36	4.36
Std. Deviation	0.66	0.54	1.02	0.62	0.85
Lsd/sig	0.92	ns	P≤0.01	ns	ns
<input type="checkbox"/> Spikelet: length(cm)					
Mean	1.74	1.55	1.67	1.7.6	1.63
Std. Deviation	0.22	0.08	0.11	0.2.6	0.2.0
Lsd/sig	0.23	ns	ns	ns	ns
<input checked="" type="checkbox"/> Glume: length(cm)					
Mean	1.03	0.84	0.82	0.98	0.77
Std. Deviation	0.12	0.07	0.06	0.11	0.07
Lsd/sig	0.07	P≤0.01	P≤0.01	ns	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.

**Details of Application**

<b>Application Number</b>	2013/285
<b>Variety Name</b>	'Amazon T'
<b>Genus Species</b>	<i>Lolium multiflorum</i> var. <i>westerwoldicum</i>
<b>Common Name</b>	Annual ryegrass
<b>Synonym</b>	Tetrabold
<b>Accepted Date</b>	20 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Ryegrass <i>Lolium spp.</i> UPOV TG/4/8
<b>Period</b>	March 2013 – December 2013
<b>Conditions</b>	Planting date: 13 <sup>th</sup> May 2013. Replicates: 10 Sample size: 80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Controlled pollination: 'T-rex' x 'Abundant'. Parents were selected from a superior breeders line that had been previously developed from 'T-rex' and 'Abundant' varieties and intercrossed in isolation in a polycross nursery. Spaced plants were evaluated for the following traits: -Forage yield, disease resistance, high tiller number, heading date. Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	tetraploid
Plant	time of inflorescence	early to medium
Plant	emergence	
	tendency to form inflorescences	strong
Leaf	length	medium to long
Leaf	intensity of green colour	dark

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

<b>Name</b>	<b>Comments</b>
'T-rex'	seed parent
'Maximus'	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Abun-	Days to	medium	early	

dant'	heading		
'Atomic'	Days to heading	medium	late
'Adrenalin'	Days to heading	medium	late
'Burst'	Days to heading	medium	early
'Robust'	Days to heading	medium	early

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

<b>Organ/Plant Part: Context</b>	<b>'LWT1(11)'</b>	<b>'Maximus'</b>	<b>'T-rex'</b>
<input type="checkbox"/> *Plant: ploidy	tetraploid	tetraploid	tetraploid
Plant: vegetative growth habit (without vernalisation)	medium	semi-prostrate	semi-prostrate
<input type="checkbox"/> Leaf: length	medium to long	medium	medium
<input type="checkbox"/> Leaf: width	medium to broad	medium	medium to broad
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark	dark
<input type="checkbox"/> Plant: width	wide	medium	medium
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium	semi-prostrate	semi-prostrate
<input type="checkbox"/> Plant: height	medium	medium	tall
<input type="checkbox"/> *Plant: time of inflorescence emergence (varieties of Lmw and Lr only)	early to medium	medium	early
<input type="checkbox"/> Plant: tendency to form inflorescences (without vernalisation)	strong	strong	strong
<input type="checkbox"/> Plant: natural height at inflorescence emergence	medium	medium	tall
<input type="checkbox"/> Plant: width at inflorescence emergence	wide	medium	medium
<input checked="" type="checkbox"/> *Flag leaf: length	short medium	medium to long	medium to long
<input type="checkbox"/> *Flag leaf: width	medium to broad	medium to broad	medium to broad
<input type="checkbox"/> Flag leaf: length/width ratio	medium	high	high
<input type="checkbox"/> *Plant: length of longest stem, (inflorescence included)	medium	medium	long
<input type="checkbox"/> Plant: length of upper internode	medium to long	short	medium
<input type="checkbox"/> Inflorescence: length	medium	medium to long	long
<input type="checkbox"/> Inflorescence: density	lax	dense	lax
<input checked="" type="checkbox"/> Inflorescence: length of outer glume (on basal spikelet)	short	medium to long	medium
<input checked="" type="checkbox"/> Inflorescence: length of basal spikelet	short to medium	long	medium to long

(excluding awn)

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'LWT1(11)'</b>	<b>'Maximus'</b>	<b>'T-rex'</b>
<input type="checkbox"/> Stem: length(cm)			
Mean	125.77	125.81	135.31
Std. Deviation	3.59	5.09	5.91
Lsd/sig	6.6.2	ns	P≤0.01
<input type="checkbox"/> Internode: length(cm)			
Mean	33.40	37.18	34.51
Std. Deviation	3.48	2.62	3.84
Lsd/sig	4.27	ns	ns
<input type="checkbox"/> Vegetative leaf: length(cm)			
Mean	27.54	29.86	29.21
Std. Deviation	1.40	1.49	2.11
Lsd/sig	2.09	P≤0.01	ns
<input type="checkbox"/> Vegetative leaf: width(cm)			
Mean	1.14	1.25	1.18
Std. Deviation	0.06	0.09	0.06
Lsd/sig	0.09	P≤0.01	ns
<input type="checkbox"/> Vegetative leaf: length/width			
Mean	25.07	24.63	25.23
Std. Deviation	2.69	2.51	2.21
Lsd/sig	2.76	ns	ns
<input type="checkbox"/> Vegetative leaf: rust tolerant (1-9 score; 9 =most tolerant)			
Mean	6.50	6.50	6.80
Std. Deviation	1.35	1.58	2.20
Lsd/sig	2.16	ns	ns
<input type="checkbox"/> Plant: days to heading (days from 1 <sup>st</sup> October 2013)			
Mean	35.70	33.95	34.30
Std. Deviation	2.36	2.49	2.94
Lsd/sig	3.06	ns	ns
<input type="checkbox"/> Flag leaf: width(cm)			
Mean	1.03	1.15	1.09
Std. Deviation	0.05	0.07	0.06
Lsd/sig	0.08	P≤0.01	ns
<input checked="" type="checkbox"/> Flag leaf: length(cm)			
Mean	19.48	21.86	21.91
Std. Deviation	1.99	1.56	1.80
Lsd/sig	2.22	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: length/width ratio			
Mean	19.11	19.41	20.52
Std. Deviation	2.62	1.60	1.66
Lsd/sig	2.38	ns	ns
<input type="checkbox"/> Inflorescence: length(cm)			
Mean	37.92	38.03	43.04
Std. Deviation	1.70	1.0.02	1.45
Lsd/sig	2.15	ns	P≤0.01

<input type="checkbox"/> Inflorescence: density(no. of spikelets/5cm)			
Mean	3.04	3.12	2.70
Std. Deviation	0.29	0.47	0.19
Lsd/sig	0.40	P≤0.01	ns
<input type="checkbox"/> Spikelet: length(cm)			
Mean	2.16	2.52	2.49
Std. Deviation	0.19	0.17	0.11
Lsd/sig	0.20	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Glume: length(cm)			
Mean	1.04	1.25	1.14
Std. Deviation	0.0.8	0.05	0.06
Lsd/sig	0.08	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.



**Details of Application**

<b>Application Number</b>	2012/244
<b>Variety Name</b>	'Astound
<b>Genus Species</b>	<i>Lolium multiflorum</i> var. <i>westerwoldicum</i>
<b>Common Name</b>	Annual ryegrass
<b>Synonym</b>	Amplify
<b>Accepted Date</b>	19 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Ryegrass <i>Lolium spp.</i> UPOV TG/4/8
<b>Period</b>	May 2012 – December 2012
<b>Conditions</b>	Planting date: 17 <sup>th</sup> May 2012. Replicates: 10 Sample size: 80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Controlled pollination: 'T-rex' x 'Maximus'. A controlled polycross between T-rex (maternal) x Maximus then followed by another cycle of recurrent selection Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	tetraploid
Plant	vegetative growth	semi-prostrate
Plant	tendency to form inflorescences	strong
Leaf	length	medium
Leaf	intensity of green colour	dark

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

<b>Name</b>	<b>Comments</b>
'T-rex'	seed parent
'Maximus'	pollen parent

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Winter-star II'	Days to flowering	early	late (all comparators)	
'Atomic'	after			

‘Burst’ vernal-  
‘Robust’ isation  
‘Adrena-  
lin  
‘Zoom’  
‘Catapult’  
‘Drum-  
mer’

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

<b>Organ/Plant Part: Context</b>	<b>‘Astound’‘Maximus’‘T-rex’</b>		
<input type="checkbox"/> *Plant: ploidy	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	semi-prostrate	semi-prostrate	semi-prostrate
<input type="checkbox"/> Leaf: length	medium	medium	medium
<input type="checkbox"/> Leaf: width	broad	medium	medium to broad
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark	dark
<input type="checkbox"/> Plant: width	medium	medium	medium
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	semi-prostrate	semi-prostrate	semi-prostrate
<input type="checkbox"/> Plant: height	tall	medium	tall
<input checked="" type="checkbox"/> *Plant: time of inflorescence emergence (varieties of Lmw and Lr only)	early	medium	early
<input type="checkbox"/> Plant: tendency to form inflorescences (without vernalisation)	strong	strong	strong
<input checked="" type="checkbox"/> Plant: natural height at inflorescence emergence	tall	medium	tall
<input type="checkbox"/> Plant: width at inflorescence emergence	medium	medium	medium
<input type="checkbox"/> *Flag leaf: length	medium	medium	medium
<input type="checkbox"/> *Flag leaf: width	broad	medium	medium to broad
<input type="checkbox"/> Flag leaf: length/width ratio	medium	high	high
<input type="checkbox"/> *Plant: length of longest stem (inflorescence included)	long	medium	long
<input type="checkbox"/> Plant: length of upper internode	long	short	medium
<input type="checkbox"/> Inflorescence: length	long	medium to long	long
Inflorescence: density	medium	dense	dense
<input type="checkbox"/> Inflorescence: length of outer glume (on basal spikelet)	long	short	medium
<input type="checkbox"/> Inflorescence: length of basal spikelet (excluding awn)	long	short	medium to long

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Astound’‘Maximus’‘T-rex’</b>		
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<input type="checkbox"/> Stem: length(cm)			
Mean	100.78	90.02	103.43
Std. Deviation	10.46	7.69	9.18
Lsd/sig	3.54	P≤0.01	ns
<input checked="" type="checkbox"/> Stem: internode length(cm)			
Mean	24.62	19.93	22.28
Std. Deviation	3.75	3.81	5.65
Lsd/sig	1.80	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: heading date (days from 1 <sup>st</sup> October 2012)			
Mean	31.72	39.30	31.80
Std. Deviation	4.33	4.10	7.11
Lsd/sig	2.18	P≤0.01	ns
<input type="checkbox"/> Flag leaf: length(cm)			
Mean	23.62	24.97	24.71
Std. Deviation	4.60	5.19	5.05
Lsd/sig	2.16	ns	ns
<input type="checkbox"/> Flag leaf: width(cm)			
Mean	1.24	1.13	1.20
Std. Deviation	0.19	0.15	0.17
Lsd/sig	0.08	P≤0.01	ns
<input type="checkbox"/> Flag leaf: length/width ratio			
Mean	19.14	22.00	20.66
Std. Deviation	4.75	3.83	3.78
Lsd/sig	1.77	P≤0.01	ns
<input type="checkbox"/> Inflorescence: length(cm)			
Mean	37.76	36.25	38.19
Std. Deviation	3.98	4.45	5.07
Lsd/sig	1.88	P≤0.01	ns
<input type="checkbox"/> Inflorescence: spikelet density (no. of spikelets/5cm)			
Mean	4.48	5.57	5.25
Std. Deviation	1.16	1.14	1.04
Lsd/sig	0.48	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Glume: length(cm)			
Mean	1.16	0.95	1.04
Std. Deviation	0.31	0.20	0.23
Lsd/sig	0.11	P≤0.01	P≤0.01
<input type="checkbox"/> Spikelet: length(cm)			
Mean	2.59	2.13	2.50
Std. Deviation	0.52	0.45	0.54
Lsd/sig	0.20	P≤0.01	ns

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.

**Details of Application**

<b>Application Number</b>	2012/143
<b>Variety Name</b>	'Vortex'
<b>Genus Species</b>	<i>Lolium multiflorum</i> var <i>westerwoldicum</i>
<b>Common Name</b>	Annual Ryegrass
<b>Synonym</b>	
<b>Accepted Date</b>	9 August 2012
<b>Applicant</b>	Heritage Seeds Pty Ltd, Howlong, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Mr Philip Rhodes

**Details of Comparative Trial**

<b>Location</b>	Te Horo, New Zealand.
<b>Descriptor</b>	Ryegrass (new) <i>Lolium spp.</i> UPOV TG/4/8.
<b>Period</b>	February 2013- December 2013
<b>Conditions</b>	Seed was sown into multi-celled trays on 19 Feb 2013 and placed in a temperature controlled glasshouse. Seedlings were trimmed twice prior to transfer to a shade-house on 27 March 2013. After a period of hardening off seedlings were transplanted into the field as spaced plants. Nitrophoska fertilizer (12:5:14) was applied at 450kg/ha before planting and weeds were controlled by hand hoeing.
<b>Trial Design</b>	Randomised complete block with 6 replicates.
<b>Measurements</b>	Observations and measurements taken in the field at the appropriate growth stage. Measurements from 60 plants per variety

**Origin and Breeding**

Controlled open pollination: 'FL1995X4NLS' x 'Winter Star II'. In 2006 spaced plants of the parents were sown at Howlong, NSW.. Plants were selected for high seedling vigour, strong winter growth and rust resistance. Selected plants were planted in isolation in late September 2006. Plants were allowed to cross pollinate. Seed was harvested from these plants and bulked together in December 2006. Seed from the 2006 harvest was sown in isolation at Howlong, NSW in 2008 and plants which did not display high seedling vigour, strong winter growth and rust resistance were removed. Plants were allowed to cross pollinate and seed was harvested in December 2008. Seed was further bulked up in isolation in 2010 at Howlong, NSW. The variety has been extensively merit tested since 2010 throughout South Eastern Australia. The seed parent is of medium height and pollen parent is of late maturity.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	tetraploid
Plant	vegetative growth habit	medium to semi-prostrate
Flag leaf	length	medium to long
Flag leaf	width	medium to broad

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

Name	Comments
'Abundant'	
'Maximus'	
'Tetrone'	
'Winter Star II'	

**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	'Vortex'	'Abundant'	'Maximus'	'Tetrone'	'Winterstar II'
<input type="checkbox"/> *Plant: ploidy	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	medium to semi-prostrate	medium to semi-prostrate	medium	medium	medium to semi-prostrate
<input checked="" type="checkbox"/> Leaf: length	medium to long	short to medium	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: width	broad to very broad	medium to broad	medium to broad	medium to broad	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium	medium
<input type="checkbox"/> *Plant: time of inflorescence emergence (varieties of Lmw and Lr only)	medium to late	medium	medium	medium	late
<input type="checkbox"/> *Flag leaf: length	medium	medium	medium to long	medium	medium
<input checked="" type="checkbox"/> *Flag leaf: width	broad	medium to broad	broad	medium to broad	medium
<input type="checkbox"/> Flag leaf: length/width ratio	low to medium	medium	medium	medium	medium
<input type="checkbox"/> *Plant: length of longest stem (inflorescence included)	long to very long	very long	long	long to very long	very long
<input type="checkbox"/> Plant: length of upper internode	medium to long	long	medium	medium to long	medium to long
<input type="checkbox"/> Inflorescence: length	long	long to very long	long	long	long
<input type="checkbox"/> Inflorescence: number of spikelets	many to very many	many to very many	many to very many	many to very many	many
<input type="checkbox"/> Inflorescence: density	dense	medium to dense	dense	dense	medium to dense
<input type="checkbox"/> Inflorescence: length of outer glume (on basal spikelet)	medium	medium	medium	medium	medium to long
<input type="checkbox"/> Inflorescence: length of basal spikelet (excluding awn)	medium to long	medium to long	medium to long	medium to long	medium to long

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Vortex'</b>	<b>'Abundant'</b>	<b>'Maximus'</b>	<b>'Tetrone'</b>	<b>'Winterstar II'</b>
<input checked="" type="checkbox"/> Leaf: length(mm)					
Mean	443.00	387.00	412.00	412.00	417.00
Std. Deviation	70.74	69.37	84.01	80.14	89.08
Lsd/sig	44.7	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Leaf: width(mm)					
Mean	11.81	10.56	10.76	10.43	9.28
Std. Deviation	1.82	1.92	1.81	1.81	1.80
Lsd/sig	0.99	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: width(mm)					
Mean	15.42	13.76	15.56	13.28	12.62
Std. Deviation	1.96	2.18	1.80	1.59	1.36
Lsd/sig	2.80	ns	ns	ns	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Phil Rhodes**, Paraparaumu, New Zealand

**Details of Application**

<b>Application Number</b>	2012/110
<b>Variety Name</b>	'SouthernStar'
<b>Genus Species</b>	<i>Hordeum vulgare</i>
<b>Common Name</b>	Barley
<b>Synonym</b>	
<b>Accepted Date</b>	10 July 2012
<b>Applicant</b>	Sapporo Breweries Ltd and Adelaide Research & Innovation Pty Ltd
<b>Agent</b>	Adelaide Research & Innovation Pty Ltd, Adelaide, SA
<b>Qualified Person</b>	Amanda Box

**Details of Comparative Trial**

<b>Location</b>	Waite Campus, University of Adelaide, Urrbrae, SA
<b>Descriptor</b>	Barley ( <i>Hordeum vulgare</i> ) TG/19/10
<b>Period</b>	March 2013 to December 2013
<b>Conditions</b>	Ten seeds (per genotype) were planted in twenty 10" pots each that were filled with coco peat mix .
<b>Trial Design</b>	Twenty replicates of each genotype were arranged in a complete randomised block order in a polyhouse enclosure located at the Waite Campus
<b>Measurements</b>	Up to 70 plants per genotype were randomly selected and individually assessed for each specified trait.

**Origin and Breeding**

Controlled pollination: A complex cross (involving 'OUI003', 'Lofty Nijo', 'CDC Kendall' and 'Tiga') identified for the absence of lipoxygenase-1 activity (or LOX-less) x 'Flagship'. The cross was completed in 2005. A combination of 5 cycles of backcrossing and marker assisted selection for the LOX-less trait were completed in 2007. In 2008, a BC5F2 population was sent to the University of Adelaide and 115 BC5F3 lines were selected for agronomic value assessment (ie. grain yield and disease resistance ratings) at Stage 0 (1 location, SA). In 2009, 33 BC5F4 were selected and promoted to Stage 2 (4 locations, SA) according to their grain yield potential and agronomic value. In 2010, 5 BCF5 lines were selected and promoted to Stage 3 (10 locations, SA and NSW) with the emphasis on grain yield and malting quality similar to Flagship. In 2011, 2 BC5F6 lines were promoted to Stage 4 trials with grain yield, agronomic value, and malting and brewing quality very similar to Flagship. After the 2011 harvest, 'SouthernStar' was selected and 100 reselections were chosen from Turretfield Research Station, which were subsequently grown as rows over summer 2011/12 at the Waite Campus with approximately 15kg being harvested. This will be planted at Charlick Experimental Research Station in 2012 and will be used to produce the commercial cultivar. Breeders: Wataru Saito, Takehiro Hoki, Kensuke Oogushi, Makoto Kihara and Takashi Imure, Sapporo Breweries Ltd.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Lowest leaf	hairiness of leaf sheaths	absent

Flag leaf	anthocyanin coloration of auricles	present
Plant	reaction to Cereal cyst nematode	resistant

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

<b>Name</b>	<b>Comments</b>
'Flagship'	Recurrent pollen parent
'Commander'	

### **Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'SloopSA'	Flag leaf: anthocyanin colouration of auricles	present (strong)	absent	

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

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



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

### Statistical Table

#### Organ/Plant Part: Context ‘SouthernStar’ ‘Commander’ ‘Flagship’

<input checked="" type="checkbox"/> Plant: length(mm)			
Mean	712.80	698.40	704.50
Std. Deviation	27.74	28.72	38.29
Lsd/sig	13.57	P≤0.01	ns
<input checked="" type="checkbox"/> Awn: length(mm)			
Mean	77.78	107.85	73.97
Std. Deviation	7.84	11.85	10.29
Lsd/sig	3.857	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: length(mm)			
Mean	68.79	59.07	69.19
Std. Deviation	7.25	5.51	6.11
Lsd/sig	2.648	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: grain number/spike			
Mean	24.75	23.56	24.67
Std. Deviation	2.67	2.17	2.40
Lsd/sig	0.973	P≤0.01	ns
<input checked="" type="checkbox"/> Flag leaf: length(mm)			
Mean	83.40	-	68.62
Std. Deviation	15.39	-	12.58
Lsd/sig	7.23	-	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: width(mm)			
Mean	5.13	-	4.45
Std. Deviation	0.34	-	0.53
Lsd/sig	0.2747	-	P≤0.01

**Prior Applications and Sales**

Nil.

Description: **Amanda Box**, Adelaide, SA

<b>Details of Application</b>	
<b>Application Number</b>	2013/077
<b>Variety Name</b>	'DP401'
<b>Genus Species</b>	<i>Dianella prunina</i> x <i>caerulea</i>
<b>Common Name</b>	Blue Flax-Lily
<b>Synonym</b>	Nil
<b>Accepted Date</b>	10 May 2013
<b>Applicant</b>	NuFlora International Pty Ltd, Macquarie Fields, NSW
<b>Agent</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Qualified Person</b>	Peter Abell

#### **Details of Comparative Trial**

<b>Location</b>	Ozbreed, Cupitts Lane, Clarendon, NSW
<b>Descriptor</b>	UPOV TG 288/1 ( <i>Dianella</i> )
<b>Period</b>	August 2013 to March 2014
<b>Conditions</b>	Shadehouse with automatic overhead irrigation. Climatic conditions typical for the area near Windsor for the spring to summer period of the trial. Plants were potted into 200mm pots and fertilised with a single top dressing of controlled release fertiliser which lasted for the period of the trial.
<b>Trial Design</b>	Two blocks each containing 15 plants of each of the candidate, nearest variety of common knowledge (VCK) and the other parent. All plants were reproduced from divisions to unify the trial
<b>Measurements</b>	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK and other parent.
<b>RHS Chart - edition</b>	2001

#### **Origin and Breeding**

Open pollination: In February 2009 seed was sown from open pollination of flowers with *Dianella prunina* 'DBB03' (Cassa Blue) on *Dianella caerulea* 'DP303' (Utopia). The seedlings were potted and grown on. A selection was made from these young plants for its broad leaves, Silver foliage and high degree of branching. It was grown on between August 2010 to the present time and has shown that the characters for which it was selected are uniform and stable. Ten (10) generations using division have been taken with no off types observed. Breeder Graham Brown.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	height	short
Leaf	main colour of upper side	blue green
Leaf	main colour of lower side	blue green

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

<b>Name</b>	<b>Comments</b>
'DBB03'	Parental variety, commercially known as Cassa Blue
'DP303'	Parental variety, commercially known as Utopia

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

<b>Organ/Plant Part: Context</b>	<b>‘DP401’</b>	<b>‘DBB03’ (Cassa Blue)</b>	<b>‘DP303’ (Utopia)</b>
<input type="checkbox"/> Plant: height (excluding inflorescence)	short	short	short
<input type="checkbox"/> Plant: density	dense	dense	dense
<input type="checkbox"/> Stem: internode length	very short to short	very short	short
<input type="checkbox"/> Leaf: attitude of basal third	erect	erect	erect
<input checked="" type="checkbox"/> Leaf: curvature of upper third	absent or very weak	absent or very weak	medium
<input type="checkbox"/> Leaf: length	short	short	short
<input checked="" type="checkbox"/> Leaf: width	medium	narrow	medium
<input checked="" type="checkbox"/> Leaf: glaucosity of upper side	medium	strong	strong
<input type="checkbox"/> Leaf: variegation	absent	absent	absent
<input type="checkbox"/> Leaf: main colour of upper side	blue green	blue green	blue green
<input type="checkbox"/> Leaf: main colour of lower side	blue green	blue green	blue green
<input type="checkbox"/> Leaf blade: shape	linear	linear	linear
<input checked="" type="checkbox"/> Leaf : shape of apex	apiculate	acuminate	apiculate
<input type="checkbox"/> Leaf: profile in cross section	slightly concave	slightly concave	slightly concave
<input type="checkbox"/> Leaf: spines on margin	present	present	present
<input type="checkbox"/> Leaf: prominence of spines on margin	strong	strong	strong
<input checked="" type="checkbox"/> Leaf: colour on margin	red	green	red
<input checked="" type="checkbox"/> Leaf midrib: spines on lower side	present	absent	present
<input checked="" type="checkbox"/> Leaf midrib: prominence of spines on lower side	weak	weak	medium
<input checked="" type="checkbox"/> Basal sheath: anthocyanin colouration	light red purple	absent or very weak	dark red purple

**Prior Applications and Sales**

No prior application.

First sold in Australia in Jan 2013 under the name ‘Clarity Blue’.

Description: **Peter Abell**, SPROCZ Pty Ltd, Bilpin, NSW.

**Details of Application**

<b>Application Number</b>	2013/287
<b>Variety Name</b>	'Feastfeed'
<b>Genus Species</b>	<i>Secale cereale</i>
<b>Common Name</b>	Cereal Rye
<b>Synonym</b>	Morefeed
<b>Accepted Date</b>	20 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Rye <i>Secale cereal</i> UPOV TG/58/6
<b>Period</b>	March 2013 – December 2013
<b>Conditions</b>	Planting date:13 <sup>th</sup> May 2013. Replicates:10 Sample size:80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Selection and Controlled pollination: 130 lines from Australian Winter Cereals collection. Parents were selected from superior selections from a collection of 130 accession lines from Australian Winter Cereals Collection and intercrossed in an isolated polycross nursery. Resulting plants were space planted and were evaluated for forage yield, disease resistance, high tiller number and medium heading date

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	diploid
Plant	seasonal type	spring
Plant	growth habit	semi-erect
Grain	colour of aleurone layer	light

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

<b>Name</b>	<b>Comments</b>
'Southern Green'	
'Westwood'	

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

<b>Organ/Plant Part: Context</b>	<b>'SC1(11)'</b>	<b>'Southern Green'</b>	<b>'Westwood'</b>
<input type="checkbox"/> *Ploidy:	diploid	diploid	diploid
<input type="checkbox"/> Grain: colour of aleurone layer	light	light	Light

<input type="checkbox"/> *Plant: growth habit	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> *Plant: length	long	medium	medium to long
<input checked="" type="checkbox"/> First leaf: length of sheath	long	medium	medium
<input checked="" type="checkbox"/> *Time of: ear emergence	early	medium	very early
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak to medium	medium	medium
<input type="checkbox"/> Leaf next to flag leaf: length of blade	long to very long	long	long
<input type="checkbox"/> Leaf next to flag leaf: width of blade	broad	broad	broad
<input type="checkbox"/> *Stem: hairiness below ear	weak to medium	medium	weak to medium
<input type="checkbox"/> Stem: length between upper node and ear	long	short	long
<input type="checkbox"/> Ear: length	long	short	long
<input checked="" type="checkbox"/> *Ear: density	lax	dense	medium to dense
<input type="checkbox"/> Ear: attitude	semi-recurved	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> *Ear: glaucosity	weak	medium	weak
<input type="checkbox"/> *Grain: weight per thousand grains	medium	medium	medium
<input type="checkbox"/> *Grain: length	medium	medium	medium
<input type="checkbox"/> *Seasonal type:	spring	spring	spring

### Statistical Table

Organ/Plant Part: Context	SC1(11)	'Southern Green'	'Westwood'
<input type="checkbox"/> Plant height(cm)	23.98	22.81	22.75
Mean	13.53	12.80	12.91
Std. Deviation	0.45	0.18	0.59
Lsd/sig	0.56	P≤0.01	ns
<input type="checkbox"/> Internode: length(cm)			
Mean	5.76	5.15	5.60
Std. Deviation	2.49	4.56	3.81
Lsd/sig	4.89	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: days to heading ( days from 1 <sup>st</sup> September 2013)			
Mean	36.49	46.86	26.70
Std. Deviation	3.65	2.45	6.92
Lsd/sig	7.84	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: width(cm)			
Mean	0.85	0.85	0.85
Std. Deviation	0.09	0.09	0.09

Lsd/sig	0.13	ns	ns
<input type="checkbox"/> Flag leaf: length(cm)			
Mean	11.87	11.20	12.68
Std. Deviation	1.05	1.73	2.20
Lsd/sig	2.29	ns	ns
<input type="checkbox"/> Flag leaf: length/width ratio			
Mean	14.46	13.03	14.98
Std. Deviation	0.69	0.73	1.28
Lsd/sig	2.33	ns	ns
<input type="checkbox"/> Inflorescence: glaucosity (1-9 Score; 9= very high)			
Mean	2.01	3.33	2.29
Std. Deviation	0.82	0.60	0.84
Lsd/sig	0.86	P≤0.01	ns
<input type="checkbox"/> Inflorescence: density(grains/5cm)			
Mean	14.83	16.44	15.10
Std. Deviation	1.13	1.21	0.82
Lsd/sig	1.54	P≤0.01	ns
<input checked="" type="checkbox"/> Flag leaf sheath: length (mm)			
Mean	16.16	14.84	15.23
Std. Deviation	0.49	0.55	0.88
Lsd/sig	0.76	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf sheath :glaucosity (1-9 Score; 9 = very high)			
Mean	2.43	3.28	4.15
Std. Deviation	0.92	1.10	1.17
Lsd/sig	1.27	ns	P≤0.01
<input type="checkbox"/> Inflorescence: length(cm)			
Mean	14.29	12.45	13.64
Std. Deviation	0.68	0.94	0.86
Lsd/sig	0.11	P≤0.01	ns
<input type="checkbox"/> Inflorescence: hairiness below ear (1-9 Score; 9 = very high)			
Mean	4.73	5.73	4.83
Std. Deviation	1.36	1.09	1.85
Lsd/sig	1.74	ns	ns
<input type="checkbox"/> Grain: 100rain weight(g)			
Mean	28.80	30.10	30.20
Std. Deviation	1.32	1.73	1.03
Lsd/sig	1.61	ns	ns
<input type="checkbox"/> Grain: length(cm)			
Mean	0.70	0.70	0.73
Std. Deviation	0.04	0.04	0.04
Lsd/sig	0.05	ns	ns

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.



**Details of Application**

<b>Application Number</b>	2013/286
<b>Variety Name</b>	'Durable'
<b>Genus Species</b>	<i>Dactylis glomerata</i>
<b>Common Name</b>	Cocksfoot
<b>Synonym</b>	Staylong
<b>Accepted Date</b>	22 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Cocksfoot <i>Dactylis glomerata</i> UPOV TG/31/8
<b>Period</b>	March 2013 – December 2013
<b>Conditions</b>	Planting date:13 <sup>th</sup> May 2013. Replicates:10 Sample size:80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Selection and Controlled pollination: 'VSP28'. Parents were selected a superior breeders line previously developed from breeding line 'VSP28'(previously developed from 'Tekapo' a collection from Italy and intercrossed in an isolated polycross nursery. Resulting plants were space planted and were evaluated for forage yield, disease resistance, high tiller number and medium late heading date. Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	tetraploid
Foliage	fineness	fine
Plant	tendency to form inflorescences	medium
Leaf	intensity of green colour	medium

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

<b>Name</b>	<b>Comments</b>
'Tekapo'	progenitor

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Wana'	Plant habit	intermediate	prostrate	

‘Vision’	Leaf fineness	fine	coarse
‘Kara’	Leaf fineness	fine	coarse
‘Burst’	Leaf fineness		
‘Robust’	Winter growth	medium to high	low

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

<b>Organ/Plant Part: Context</b>	<b>‘CDG1(11)’</b>	<b>‘Tekapo’</b>
<input type="checkbox"/> Ploidy:	tetraploid	tetraploid
<input type="checkbox"/> Foliage: fineness	fine	fine
<input type="checkbox"/> Plant: tendency to form inflorescences	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> *Plant: time of inflorescence emergence	medium to late	medium
<input type="checkbox"/> Plant: growth habit at inflorescence emergence	intermediate	intermediate
<input checked="" type="checkbox"/> *Stem: length of longest stem (including inflorescence)	medium	long
<input type="checkbox"/> Stem: length of upper internode	medium to long	long
<input checked="" type="checkbox"/> Inflorescence: length	medium	long
<input type="checkbox"/> *Flag leaf: length	medium to long	long
<input type="checkbox"/> *Flag leaf: width	medium to wide	wide
<input type="checkbox"/> *Flag leaf: length: width ratio	medium to high	medium

### Statistical Table

<b>Organ/Plant Part: Context</b>	<b>‘CDG1(11)’</b>	<b>‘Tekapo’</b>
<input checked="" type="checkbox"/> Stem: length(cm)		
Mean	88.41	93.27
Std. Deviation	3.50	2.92
Lsd/sig	4.34	P≤0.01
<input type="checkbox"/> Internode: length(cm)		
Mean	31.99	33.97
Std. Deviation	2.73	2.51
Lsd/sig	3.35	ns
<input type="checkbox"/> Vegetative leaf: length(cm)		
Mean	20.43	21.30
Std. Deviation	1.43	1.46
Lsd/sig	25.40	ns
<input type="checkbox"/> Vegetative leaf: width(cm)		
Mean	0.78	0.82
Std. Deviation	0.05	0.06
Lsd/sig	0.08	ns
<input type="checkbox"/> Vegetative leaf: length/width		
Mean	26.68	26.19
Std. Deviation	2.39	1.63
Lsd/sig	3.49	ns

<input type="checkbox"/>	Plant: days to heading (days from 1 <sup>st</sup> October 2013)		
	Mean	42.73	36.82
	Std. Deviation	8.85	5.11
	Lsd/sig	8.24	ns
<input type="checkbox"/>	Flag leaf: width(cm)		
	Mean	0.68	0.75
	Std. Deviation	0.60	0.63
	Lsd/sig	0.78	ns
<input type="checkbox"/>	Flag leaf: length(cm)		
	Mean	15.34	16.25
	Std. Deviation	0.91	1.98
	Lsd/sig	2.82	ns
<input type="checkbox"/>	Flag leaf: length/width		
	Mean	23.48	21.54
	Std. Deviation	1.68	1.78
	Lsd/sig	2.85	ns
<input checked="" type="checkbox"/>	Inflorescence: length(cm)		
	Mean	11.87	14.32
	Std. Deviation	1.58	1.49
	Lsd/sig	2.22	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.

**Details of Application**

<b>Application Number</b>	2012/239
<b>Variety Name</b>	'Admiral'
<b>Genus Species</b>	<i>Dactylis glomerata</i>
<b>Common Name</b>	Cocksfoot
<b>Synonym</b>	Admire
<b>Accepted Date</b>	19 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Cocksfoot <i>Dactylis glomerata</i> UPOV TG/31/8
<b>Period</b>	March 2012 – December 2012
<b>Conditions</b>	Planting date:17 <sup>th</sup> May 2012. Replicates:10 Sample size:80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Controlled pollination: 'Jana' x 'Omega III'. A polycross among selected plants for forage and seed yield was undertaken between May 2010 and May 2012 at Yambuk, VIC. Selection was made for forage yield, disease resistance, heading date and growth habit and was given the breeders code DGC5(10). The variety has maintained its characteristics for two generations. The seed parent is characterised by high summer dormancy and the pollen parent does not exhibit summer dormancy.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	tetraploid
Foliage	intensity of green colour	medium
Stem	length of upper internode	medium
Plant	winter activity	medium to high to high

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

<b>Name</b>	<b>Comments</b>
'Jana'	seed parent
'Omega III'	pollen parent
'Currie'	
'Gobur'	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
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‘Excel’	Days to flowering after vernalisation	medium	very late
‘Tekapo’	Days to flowering after vernalisation	medium	very early
‘Kara’	Days to flowering after vernalisation	medium	very late
‘Megas’	Days to flowering after vernalisation	medium	very late
‘Vision’	Days to flowering after vernalisation	medium	late
‘Drover’	Summer growth	medium	high
‘Yarck’	Summer growth	medium	high
‘Uplands’	Summer dormancy’	low	high

**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	‘Admiral’	‘Currie’	‘Gobur’	‘Jana’	‘Omega III’
<input type="checkbox"/> Ploidy:	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Foliage: fineness	medium	fine	medium to coarse	very fine to fine	coarse
<input type="checkbox"/> Plant: tendency to form inflorescences	strong	strong	strong	strong	weak to medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium	light to medium
<input type="checkbox"/> *Plant: time of inflorescence emergence	medium	early to medium	medium to late	early to medium	late
<input type="checkbox"/> Plant: growth habit at inflorescence emergence	intermediate	intermediate	intermediate	intermediate	intermediate

<input type="checkbox"/> *Stem: length of longest stem including inflorescence	medium	short	medium	medium	long
<input type="checkbox"/> Stem: length of upper internode	medium	medium	medium	medium	medium
<input type="checkbox"/> Inflorescence: length	short to medium	short	medium	short	medium
<input type="checkbox"/> *Flag leaf: length	medium to long	very short	long	short	medium to long
<input type="checkbox"/> *Flag leaf: width	medium to wide	narrow	medium to wide	narrow	wide

### Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Admiral'	'Currie'	'Gobur'	'Jana'	'Omega III'
<input type="checkbox"/> Flag leaf length:width ratio	medium	low to medium	medium To high	high	medium

Organ/Plant Part: Context	'Admiral'	'Currie'	'Gobur'	'Jana'	'Omega III'
<input checked="" type="checkbox"/> Plant: heading date (days from 1 <sup>st</sup> October)					
Mean	33.26	28.07	38.38	28.99	40.48
Std. Deviation	1.75	3.58	3.95	3.40	3.69
Lsd/sig	4.14	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: vegetative leaf length(cm)					
Mean	23.36	18.67	24.93	19.09	23.29
Std. Deviation	2.31	1.94	1.84	1.97	1.74
Lsd/sig	2.45	P≤0.01	ns	P≤0.01	ns
<input type="checkbox"/> Plant: vegetative leaf width(cm)					
Mean	1.02	0.88	1.06	0.75	1.08
Std. Deviation	0.08	0.09	0.06	0.10	0.08
Lsd/sig	0.30	ns	ns	ns	ns
<input type="checkbox"/> Plant: stem Length(cm)					
Mean	85.69	78.97	88.88	84.01	88.98
Std. Deviation	3.05	4.23	4.37	4.69	4.03
Lsd/sig	4.74	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Plant: flag leaf width(cm)					
Mean	0.96	0.79	0.95	0.70	0.97
Std. Deviation	0.07	0.09	0.08	0.09	0.09
Lsd/sig	0.10	P≤0.01	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: flag leaf length(cm)					
Mean	18.62	14.27	20.02	15.68	18.21
Std. Deviation	1.74	1.93	2.11	1.52	2.02
Lsd/sig	2.41	P≤0.01	ns	P≤0.01	ns
<input type="checkbox"/> Plant: flag leaf length/width					
Mean	19.60	18.47	21.33	23.01	19.27
Std. Deviation	1.92	2.35	0.99	3.69	2.46
Lsd/sig	2.88	ns	ns	P≤0.01	ns
<input type="checkbox"/> Plant: internode length(cm)					
Mean	33.87	30.48	31.23	33.11	31.78

Std. Deviation	3.55	2.16	4.16	4.03	2.27
Lsd/sig	4.71	ns	ns	ns	ns
<input checked="" type="checkbox"/> Plant: inflorescence length(cm)					
Mean	17.42	13.61	18.32	13.93	18.11
Std. Deviation	1.32	1.69	1.37	2.35	1.49
Lsd/sig	2.10	P≤0.01	ns	P≤0.01	ns

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.

<b>Details of Application</b>	
<b>Application Number</b>	2013/066
<b>Variety Name</b>	'Sabakunohoseki Moon Stone'
<b>Genus Species</b>	<i>Delosperma cooperi</i>
<b>Common Name</b>	Cooper's Ice Plant
<b>Synonym</b>	Jewel of Desert Moon Stone
<b>Accepted Date</b>	13 Sep 2013
<b>Applicant</b>	Koichiro Nishikawa, Okayama-Ken, Japan
<b>Agent</b>	Sprint Horticulture Pty Ltd, Erina, NSW
<b>Qualified Person</b>	John Oates

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Overseas Data Reference Number</b>	2011/1196
<b>Location</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Descriptor</b>	General Descriptor (for plant varieties with no descriptor available)
<b>Period</b>	2012
<b>Measurements</b>	As according UPOV test guideline
<b>RHS Chart - edition</b>	2007

#### **Origin and Breeding**

Controlled pollination: the parent plant, an unnamed breeding plant, Ref. No. 'A', was self-pollinated in May 2005. Resultant seeds were planted and 'Sabakunohoseki Moon Stone' was selected from amongst the seedlings in November 2006. Selection criteria: plant habit, low growing and vigorous; flowering period, long; floriferous, very; flower colour, white; anthers, yellow. Breeder: Mr Koichiro Nishikawa, Okayama-Ken, Japan.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	creeping
Plant	size	small to very small
Plant	time of beginning of flowering	very early to early
Leaf	presence of variegation	absent
Leaf	anthocyanin colouration of margin	absent
Leaf	shape	elliptic

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

<b>Name</b>	<b>Comments</b>
'Jewel of Desert Peridot'	
'Sabakunohoseki Ruby'	
'Jewel of Desert Topaz'	



'Sabakunohoseki Garnet'					
<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Jewel of Desert Rosequartz'	flower	colour	white	light pink	
'Reiko'	flower	colour	white	purple	

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

Organ/Plant Part: Context	'Sabakunohoseki Moon Stone'	'Sabakunohoseki Garnet'	'Jewel of Desert Peridott'	'Sabakunohoseki Ruby'	'Jewel of Desert Topaz'
<input type="checkbox"/> Plant: type	groundcover	groundcover	groundcover	groundcover	groundcover
<input type="checkbox"/> Plant: growth habit	creeping	creeping	creeping	creeping	creeping
<input type="checkbox"/> Plant: size	small	small	very small to small	small	small
<input type="checkbox"/> Plant: height	very short	very short	very short	very short	very short
<input type="checkbox"/> Plant: width	narrow to medium	narrow	narrow	medium	medium
<input type="checkbox"/> Plant: time of beginning of flowering	very early to early	very early to early	very early	early	early
<input type="checkbox"/> Stem: degree of hairiness	absent or low to low	absent or low to low	absent or low to low	absent or low to low	absent or low to low
<input type="checkbox"/> Stem: thorns, prickles, spines	absent	absent	absent	absent	absent
<input type="checkbox"/> Stem: presence of hairs	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present	absent	present	present
<input type="checkbox"/> Leaf: type	simple	simple	simple	simple	simple
<input checked="" type="checkbox"/> Leaf: size	medium	medium	small	medium	medium
<input type="checkbox"/> Leaf: attitude	horizontal	horizontal	horizontal	horizontal	horizontal
<input type="checkbox"/> Leaf: arrangement	opposite	opposite	opposite	opposite	opposite
<input type="checkbox"/> Leaf: shape	elliptic	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute	acute	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate	cuneate	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	absent	absent	absent	absent	absent
<input type="checkbox"/> Leaf: shape of cross-section	triangular	triangular	triangular	triangular	triangular
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight	straight	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	very weak to weak	weak	very weak to weak	weak	weak
<input type="checkbox"/> Leaf: green colour	medium to	medium to	medium	medium to	medium

	dark	dark		dark	
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent	absent	absent
<input type="checkbox"/> Flower: type	semi-double	single	semi-double	semi-double	single
<input type="checkbox"/> Flower: attitude	erect	erect	erect	erect	erect
<input type="checkbox"/> Flower: diameter	small to medium	small to medium	small to medium	small to medium	small to medium
<input type="checkbox"/> Flower: number of petals (for semi-double and double flowers)	medium	-	medium to many	medium	-
<input checked="" type="checkbox"/> Flower: fragrance	present	present	present	absent	present
<input type="checkbox"/> Flower: petaloids (petal-like structure bearing distorted anthers)	present	present	absent	absent	present
<input type="checkbox"/> Petal: shape	linear	linear	linear	linear	linear

<b>Characteristics Additional to the Descriptor/TG</b>					
<b>Organ/Plant Part: Context</b>	<b>‘Sabakunohoseki Moon Stone’</b>	<b>‘Sabakunohoseki Garnet’</b>	<b>‘Jewel of Desert Peridott’</b>	<b>‘Sabakunohoseki Ruby’</b>	<b>‘Jewel of Desert Topaz’</b>
<input type="checkbox"/> Plant: number of shoots	many	many	many	many	many
<input type="checkbox"/> Flower: shape in lateral view	concave	slightly concave	concave	concave	concave
<input checked="" type="checkbox"/> Flower: main colour outer ray florets (RHS)	N155A	53B	9A	63A	23A
<input checked="" type="checkbox"/> Flower: secondary colour ray florets (RHS)	absent	absent	155A	N155A	64D
<input type="checkbox"/> Anther: colour	yellow	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Style: colour	white	purple red	yellow	yellow	yellow
<input checked="" type="checkbox"/> Filamentous staminodes: colour	white	pink-purple	white	white	white

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Japan	2007	Granted	‘Sabakunohoseki Moon Stone’
USA	2011	Granted	‘Jewel of Desert Moon Stone’
EU	2011	Granted	‘Jewel of Desert Moon Stone’

First sold in the European Union in Sep 2010 and in Australia in Dec 2012.

Description: **John Oates**, Tura Beach, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2013/068
<b>Variety Name</b>	'Sabakunohoseki Ruby'
<b>Genus Species</b>	<i>Delosperma cooperi</i>
<b>Common Name</b>	Cooper's Ice Plant
<b>Synonym</b>	Jewel of Desert Ruby
<b>Accepted Date</b>	13 Sep 2013
<b>Applicant</b>	Koichiro Nishikawa, Okayama-Ken, Japan
<b>Agent</b>	Sprint Horticulture Pty Ltd., Erina, NSW
<b>Qualified Person</b>	John Oates

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Overseas Data Reference Number</b>	2011/1192
<b>Location</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Descriptor</b>	General Descriptor (for plant varieties with no descriptor available)
<b>Period</b>	2012
<b>Measurements</b>	As according UPOV test guideline
<b>RHS Chart - edition</b>	2007

#### **Origin and Breeding**

Controlled pollination: the parent plant, an unnamed breeding plant, Ref. No. 2005-1, was self-pollinated in 2005. Resultant seeds were planted and 'Sabakunohoseki Ruby' was selected from amongst the seedlings in November 2006. Selection criteria: plant habit, low growing and vigorous; flowering period, long; floriferous, very; flower colour, red with deep pink and white centers. Breeder: Mr Koichiro Nishikawa, Okayama-Ken, Japan.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	creeping
Plant	size	small to very small
Plant	time of beginning of flowering	very early to early
Leaf	presence of variegation section	absent
Leaf	anthocyanin colouration of margin	absent
Leaf	shape	elliptic

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

<b>Name</b>	<b>Comments</b>
'Jewel of Desert Topaz'	
'Jewel of Desert Peridott'	
'Sabakunohoseki Garnet'	

'Sabakunohoseki Moon Stone'	
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**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	'Sabakunohoseki Ruby'	'Sabakunohoseki Garnet'	'Sabakunohoseki Moon Stone'	'Jewel of Desert Peridot'	'Jewel of Desert Topaz'
<input type="checkbox"/> Plant: type	groundcover	groundcover	groundcover	groundcover	groundcover
<input type="checkbox"/> Plant: growth habit	creeping	creeping	creeping	creeping	creeping
<input type="checkbox"/> Plant: size	small	small	very small to small	very small to small	small
<input type="checkbox"/> Plant: height	short to medium	very short	very short to short	very short	medium
<input type="checkbox"/> Plant: width	medium	narrow	narrow to medium	narrow	medium
<input type="checkbox"/> Plant: time of beginning of flowering	early	very early to early	very early to early	very early	early
<input type="checkbox"/> Stem: degree of hairiness	absent or low to low	absent or low to low	absent or low to low	absent or low to low	absent or low to low
<input type="checkbox"/> Stem: thorns, prickles, spines	absent	absent	absent	absent	absent
<input type="checkbox"/> Stem: presence of hairs	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present	present	absent	present
<input type="checkbox"/> Leaf: leaf type	simple	simple	simple	simple	simple
<input checked="" type="checkbox"/> Leaf: size	medium	medium	medium	small	medium
<input type="checkbox"/> Leaf: attitude	horizontal	horizontal	horizontal	horizontal	horizontal
<input type="checkbox"/> Leaf: arrangement	opposite	opposite	opposite	opposite	opposite
<input type="checkbox"/> Leaf: shape	elliptic	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute	acute	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate	cuneate	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	absent	absent	absent	absent	absent
<input type="checkbox"/> Leaf: shape of cross-section	triangular	triangular	triangular	triangular	triangular
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight	straight	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak	very weak to weak	very weak to weak	weak
<input type="checkbox"/> Leaf: green colour	medium to dark	medium to dark	medium to dark	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent	absent	absent
<input type="checkbox"/> Flower: type	semi-double	single	semi-double	semi-double	single
<input type="checkbox"/> Flower: attitude	erect	erect	erect	erect	erect
<input type="checkbox"/> Flower: diameter	small to medium	small to medium	small to medium	small to medium	small to medium

<input type="checkbox"/> Flower: number of petals (for semi-double and double flowers)	medium	-	medium	medium to many	-
<input checked="" type="checkbox"/> Flower: fragrance	absent	present	present	present	present
<input type="checkbox"/> Flower: petaloids (petal-like structure bearing distorted anthers)	absent	present	present	absent	present
<input type="checkbox"/> Petal: shape	linear	linear	linear	linear	linear

#### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Sabakunohoseki Ruby'</b>	<b>'Sabakunohoseki Garnet'</b>	<b>'Sabakunohoseki Moon Stone'</b>	<b>'Jewel of Desert Peridot'</b>	<b>'Jewel of Desert Topaz'</b>
<input type="checkbox"/> Plant: number of shoots	many	many	many	many	many
<input type="checkbox"/> Flower: shape in lateral view	concave	slightly concave	concave	concave	concave
<input checked="" type="checkbox"/> Flower: main colour outer ray florets (RHS)	63A	53B	N155A	9A	23A
<input checked="" type="checkbox"/> Flower: secondary colour ray florets (RHS)	N155A	absent	absent	155A	64D
<input type="checkbox"/> Anther: colour	yellow	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Style: colour	yellow	purple red	white	yellow	yellow
<input checked="" type="checkbox"/> Filamentous staminodes: colour	white	pink-purple	white	white	white

#### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Japan	2009	Granted	'Sabakunohoseki Ruby'
USA	2011	Granted	'Jewel of Desert Garnet'
EU	2011	Granted	'Jewel of Desert Garnet'

First sold in Europe in Sep 2010 and in Australia in Dec 2012.

Description: **John Oates**, Tura Beach, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2013/069
<b>Variety Name</b>	'Jewel of DesertTopaz'
<b>Genus Species</b>	<i>Delosperma cooperi</i>
<b>Common Name</b>	Cooper's Ice Plant
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Sep 2013
<b>Applicant</b>	Koichiro Nishikawa, Okayama-Ken, Japan
<b>Agent</b>	Sprint Horticulture Pty Ltd., Erina, NSW
<b>Qualified Person</b>	John Oates

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Overseas Data Reference Number</b>	2011/1193
<b>Location</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Descriptor</b>	General Descriptor (for plant varieties with no descriptor available)
<b>Period</b>	2012
<b>Measurements</b>	As according UPOV test guideline
<b>RHS Chart - edition</b>	2007

#### **Origin and Breeding**

Controlled pollination: the parent plant, an unnamed breeding plant, Ref. No. 'A', was self-pollinated in May 2005. Resultant seeds were planted and 'Jewel of Desert Topaz' was selected from amongst the seedlings in November 2006. Selection criteria: plant habit, low growing and vigorous; flowering period, long; floriferous, very; flower colour, yellow-orange with red petal tips, white -light purple throat; anthers, yellow. Breeder: Mr Koichiro Nishikawa Japan

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	creeping
Plant	size	small to very small
Plant	time of beginning of flowering	very early to early
Leaf	presence of variegation	absent
Leaf	shape	elliptic
Leaf	presence of variegation	absent

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

<b>Name</b>	<b>Comments</b>
'Sabakunohoseki Ruby'	
'Sabakunohoseki Garnet'	
'Sabakunohoseki Moon Stone'	

'Jewel of Desert Peridott'					
<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Reiko'	flower	colour	yellow-orange	purple	

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

Organ/Plant Part: Context	'Jewel of Desert Topaz'	'Sabakunohoseki Garnet'	'Sabakunohoseki Moon Stone'	'Jewel of Desert Peridott'	'Sabakunohoseki Ruby'
<input type="checkbox"/> Plant: type	groundcover	groundcover	groundcover	groundcover	groundcover
<input type="checkbox"/> Plant: growth habit	creeping	creeping	creeping	creeping	creeping
<input type="checkbox"/> Plant: size	small	small	small	very small to small	small
<input type="checkbox"/> Plant: height	very short	very short	Very short	very short	very short
<input type="checkbox"/> Plant: width	medium	narrow	narrow	narrow	medium
<input type="checkbox"/> Plant: time of beginning of flowering	early	very early to early	very early to early	very early	early
<input type="checkbox"/> Stem: degree of hairiness	absent or low to low	absent or low to low	absent or low to low	absent or low to low	absent or low to low
<input type="checkbox"/> Stem: thorns, prickles, spines	absent	absent	absent	absent	absent
<input type="checkbox"/> Stem: presence of hairs	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present	present	absent	present
<input type="checkbox"/> Leaf: leaf type	simple	simple	simple	simple	simple
<input checked="" type="checkbox"/> Leaf: size	medium	medium	medium	small	medium
<input type="checkbox"/> Leaf: attitude	horizontal	horizontal	horizontal	horizontal	horizontal
<input type="checkbox"/> Leaf: arrangement	opposite	opposite	opposite	opposite	opposite
<input type="checkbox"/> Leaf: shape	elliptic	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute	acute	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate	cuneate	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	absent	absent	absent	absent	absent
<input type="checkbox"/> Leaf: shape of cross-section	triangular	triangular	triangular	triangular	triangular
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight	straight	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak	very weak to weak	very weak to weak	weak
<input type="checkbox"/> Leaf: green colour	medium	medium to dark	medium to dark	medium	medium to dark

<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent	absent	absent
<input type="checkbox"/> Flower: type	single	single	semi-double	semi-double	semi-double
<input type="checkbox"/> Flower: attitude	erect	erect	erect	erect	erect
<input type="checkbox"/> Flower: diameter	small to medium	small to medium	small to medium	small to medium	small to medium
<input type="checkbox"/> Flower: number of petals (for semi-double and double flowers)	-	-	medium	medium to many	medium
<input checked="" type="checkbox"/> Flower: fragrance	present	present	present	present	absent
<input type="checkbox"/> Flower: petaloids (petal-like structure bearing distorted anthers)	present	present	present	absent	absent
<input type="checkbox"/> Petal: shape	linear	linear	linear	linear	linear

### Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Jewel of Desert Topaz'	'Sabakunohoseki Garnet'	'Sabakunohoseki Moon Stone'	'Jewel of Desert Peridot'	'Sabakunohoseki Ruby'
<input type="checkbox"/> Plant: number of shoots	many	many	many	many	many
<input type="checkbox"/> Flower: shape in lateral view	concave	slightly concave	concave	concave	concave
<input checked="" type="checkbox"/> Flower: main colour outer ray florets (RHS)	23A	53B	N155A	9A	63A
<input checked="" type="checkbox"/> Flower: secondary colour ray florets (RHS)	64D	absent	absent	155A	N155A
<input type="checkbox"/> Anther: colour	yellow	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Style: colour	yellow	purple red	white	yellow	yellow
<input checked="" type="checkbox"/> Filamentous staminodes: colour	white	pink-purple	white	white	white

### Prior Applications and Sales

Country	Year	Current Status	Name Applied
US	2011	Granted	'Jewel of Desert Topaz'
EU	2011	Granted	'Jewel of Desert Topaz'

First sold in Europe in Sep 2010.

Description: **John Oates**, Tura Beach, NSW.



<b>Details of Application</b>	
<b>Application Number</b>	2013/065
<b>Variety Name</b>	'Sabakunohoseki Garnet'
<b>Genus Species</b>	<i>Delosperma cooperi</i>
<b>Common Name</b>	Cooper's Ice Plant
<b>Synonym</b>	Jewel of Desert Garnet
<b>Accepted Date</b>	13 Sep 2013
<b>Applicant</b>	Koichiro Nishikawa, Okayama-Ken, Japan
<b>Agent</b>	Sprint Horticulture Pty Ltd., Erina, NSW
<b>Qualified Person</b>	John Oates

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Overseas Data Reference Number</b>	2011/1194
<b>Location</b>	Naktuinbouw, Roelofarendsveen
<b>Descriptor</b>	General Descriptor (for plant varieties with no descriptor available)
<b>Period</b>	2012
<b>Measurements</b>	As according UPOV test guideline
<b>RHS Chart - edition</b>	2007

#### **Origin and Breeding**

Controlled pollination: the parent plant, an unnamed breeding plant, Ref. No. '2005-1', was self-pollinated in May 2005. Resultant seeds were planted and 'Sabakunohoseki Garnet' was selected from amongst the seedlings in November 2006. Selection criteria: plant habit, low growing and vigorous; flowering period, long; floriferous, very; flower colour: orange-red, pink throat, anthers: yellow. Breeder: Mr Koichiro Nishikawa, Okayama-Ken, Japan.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	creeping
Plant	size	small to very small
Plant	time of beginning of flowering	very early to early
Leaf	presence of variegation	absent
Leaf	anthocyanin colouration of margin	absent
Leaf	shape	elliptic

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

<b>Name</b>	<b>Comments</b>
'Sabakunohoseki Moon Stone'	
'Jewel of Desert Peridott'	
'Sabakunohoseki Ruby'	

'Jewel of Desert Topaz'					
<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Jewel of Desert Rosequarts'	flower	colour	orange-red	light pink	

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

Organ/Plant Part: Context	'Sabakunohoseki Garnet'	'Sabakunohoseki Moon Stone'	'Jewel of Desert Peridot'	'Sabakunohoseki Ruby'	'Jewel of Desert Topaz'
<input type="checkbox"/> Plant: type	groundcover	groundcover	groundcover	groundcover	groundcover
<input type="checkbox"/> Plant: growth habit	creeping	creeping	creeping	creeping	creeping
<input type="checkbox"/> Plant: size	small	small	very small to small	small	small
<input type="checkbox"/> Plant: height	very short	very short	very short	very short	very short
<input type="checkbox"/> Plant: width	narrow	narrow to medium	narrow	medium	medium
<input type="checkbox"/> Plant: time of beginning of flowering	very early to early	very early to early	very early	early	early
<input type="checkbox"/> Stem: degree of hairiness	absent or low to low	absent or low to low	absent or low to low	absent or low to low	absent or low to low
<input type="checkbox"/> Stem: thorns, prickles, spines	absent	absent	absent	absent	absent
<input type="checkbox"/> Stem: presence of hairs	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present	absent	present	present
<input type="checkbox"/> Leaf: type	simple	simple	simple	simple	simple
<input checked="" type="checkbox"/> Leaf: size	medium	medium	small	medium	medium
<input type="checkbox"/> Leaf: attitude	horizontal	horizontal	horizontal	horizontal	horizontal
<input type="checkbox"/> Leaf: arrangement	opposite	opposite	opposite	opposite	opposite
<input type="checkbox"/> Leaf: shape	elliptic	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute	acute	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate	cuneate	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	absent	absent	absent	absent	absent
<input type="checkbox"/> Leaf: shape of cross-section	triangular	triangular	triangular	triangular	triangular
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight	straight	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	weak	very weak to weak	very weak to weak	weak	weak
<input type="checkbox"/> Leaf: green colour	medium to	medium to	medium	medium to	medium

	dark	dark		dark	
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent	absent	absent
<input type="checkbox"/> Flower: type	single	semi-double	semi-double	semi-double	single
<input type="checkbox"/> Flower: attitude	erect	erect	erect	erect	erect
<input type="checkbox"/> Flower: diameter	small to medium	small to medium	small to medium	small to medium	small to medium
<input checked="" type="checkbox"/> Flower: fragrance	present	present	present	absent	present
<input type="checkbox"/> Flower: petaloids (petal-like structure bearing distorted anthers)	present	present	absent	absent	present
<input type="checkbox"/> Petal: shape	linear	linear	linear	linear	linear

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Sabakunohoseki Garnet’</b>	<b>‘Sabakunohoseki Moon Stone’</b>	<b>‘Jewel of Desert Peridot’</b>	<b>‘Sabakunohoseki Ruby’</b>	<b>‘Jewel of Desert Topaz’</b>
<input checked="" type="checkbox"/> Filamentous staminodes: colour	pink-purple	white	white	white	white
<input type="checkbox"/> Plant: number of shoots	many	many	many	many	many
<input type="checkbox"/> Flower: shape in lateral view	slightly concave	concave	concave	concave	concave
<input checked="" type="checkbox"/> Flower: main colour outer ray florets (RHS)	53B	N155A	9A	63A	23A
<input checked="" type="checkbox"/> Flower: secondary colour ray florets (RHS)	absent	absent	155A	N155A	64D
<input type="checkbox"/> Anther: colour	yellow	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Style: colour	purple red	white	white	white	white

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Japan	2009	Granted	‘Sabakunohoseki Garnet’
USA	2011	Granted	‘Jewel of Desert Garnet’
EU	2011	Granted	‘Jewel of Desert Garnet’

First sold in Europe in September 2010.

Description: **John Oates**, Tura Beach, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2013/067
<b>Variety Name</b>	'Jewel of Desert Peridott'
<b>Genus Species</b>	<i>Delosperma cooperi</i>
<b>Common Name</b>	Cooper's Ice Plant
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Sep 2013
<b>Applicant</b>	Koichiro Nishikawa, Okayama-Ken, Japan
<b>Agent</b>	Sprint Horticulture Pty Ltd., Erina, NSW
<b>Qualified Person</b>	John Oates

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Overseas Data Reference Number</b>	2011/1195
<b>Location</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Descriptor</b>	General Descriptor (for plant varieties with no descriptor available)
<b>Period</b>	2012
<b>Measurements</b>	As according UPOV test guideline
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

Controlled pollination: the parent plant, an unnamed breeding plant, Ref. No. '2005-1', was self-pollinated in May 2005. Resultant seeds were planted and 'Jewel of Desert Peridott' was selected from amongst the seedlings in November 2006. Selection criteria: plant habit, low growing and vigorous; flowering period, long; floriferous, very; flower colour, yellow, white throat, anthers: yellow. Breeder: Mr Koichiro Nishikawa, Okayama-Ken, Japan

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	creeping
Plant	size	small to very small
Plant	time of beginning of flowering	very early to early
Leaf	presence of variegation	absent
Leaf	anthocyanin colouration of margin	absent
Leaf	shape	elliptic

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

<b>Name</b>	<b>Comments</b>
'Sabakunohoseki Ruby'	
'Jewel of Desert Topaz'	
'Sabakunohoseki Garnet'	

'Sabakunohoseki Moon Stone'					
<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Reiko'	flower	colour	yellow	purple	

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

Organ/Plant Part: Context	'Jewel of Desert Peridot'	'Sabakunohoseki Garnet'	'Sabakunohoseki Moon Stone'	'Sabakunohoseki Ruby'	'Jewel of Desert Topaz'
<input type="checkbox"/> Plant: type	groundcover	groundcover	groundcover	groundcover	groundcover
<input type="checkbox"/> Plant: growth habit	creeping	creeping	creeping	creeping	creeping
<input type="checkbox"/> Plant: size	very small to small	small	small	small	small
<input type="checkbox"/> Plant: height	very short	very short	very short to short	short to medium	medium
<input type="checkbox"/> Plant: width	narrow	narrow	narrow to medium	medium	medium
<input type="checkbox"/> Plant: time of beginning of flowering	very early	very early to early	very early to early	early	early
<input type="checkbox"/> Stem: degree of hairiness	absent or low to low	absent or low to low	absent or low to low	absent or low to low	absent or low to low
<input type="checkbox"/> Stem: thorns, prickles, spines	absent	absent	absent	present	absent
<input type="checkbox"/> Stem: presence of hairs	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	present	present	present	present
<input type="checkbox"/> Leaf: type	simple	simple	simple	simple	simple
<input checked="" type="checkbox"/> Leaf: size	small	medium	medium	medium	medium
<input type="checkbox"/> Leaf: attitude	horizontal	horizontal	horizontal	horizontal	horizontal
<input type="checkbox"/> Leaf: arrangement	opposite	opposite	opposite	opposite	opposite
<input type="checkbox"/> Leaf: shape	elliptic	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute	acute	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate	cuneate	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	absent	absent	absent	absent	absent
<input type="checkbox"/> Leaf: shape of cross-section	triangular	triangular	triangular	triangular	triangular
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight	straight	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	very weak to weak	weak	very weak to weak	weak	weak
<input type="checkbox"/> Leaf: green colour	medium	medium to dark	medium to dark	medium to dark	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent	absent	absent

<input checked="" type="checkbox"/> Flower: type	semi-double	single	semi-double	semi-double	single
<input type="checkbox"/> Flower: attitude	erect	erect	erect	erect	erect
<input checked="" type="checkbox"/> Flower: diameter	medium	medium	medium	small	small to medium
<input type="checkbox"/> Flower: number of petals (for semi-double and double flowers)	medium to many	-	medium	medium	-
<input checked="" type="checkbox"/> Flower: fragrance	present	present	present	absent	present
<input type="checkbox"/> Flower: petaloids (petal-like structure bearing distorted anthers)	absent	present	present	absent	present
<input type="checkbox"/> Petal: shape	linear	linear	linear	linear	linear

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Jewel of Desert Peridot'</b>	<b>'Sabakuno hoseki Garnet'</b>	<b>'Sabakuno hoseki Moon Stone'</b>	<b>'Sabakuno hoseki Ruby'</b>	<b>'Jewel of Desert Topaz'</b>
<input type="checkbox"/> Plant: number of shoots	many	many	many	many	many
<input type="checkbox"/> Flower: shape in lateral view	concave	slightly concave	concave	concave	concave
<input checked="" type="checkbox"/> Flower: main colour outer ray florets (RHS)	9A	53B	N155A	63A	23A
<input checked="" type="checkbox"/> Flower: secondary colour ray florets (RHS)	155A	absent	absent	N155A	64D
<input type="checkbox"/> Anther: colour	yellow	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Style: colour	yellow	purple red	white	yellow	yellow
<input checked="" type="checkbox"/> Filamentous staminodes: colour	white	pink-purple	white	white	white

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	2011	Granted	'Jewel of Desert Peridot'
EU	2011	Granted	'Jewel of Desert Peridot'

First sold in Europe in Sep 2010 and in Australia in Dec 2012.

Description: **John Oates**, Tura Beach, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2012/191
<b>Variety Name</b>	'01DKD2'
<b>Genus Species</b>	<i>Zea mays</i>
<b>Common Name</b>	Corn
<b>Synonym</b>	I294213
<b>Accepted Date</b>	25 Feb 2013
<b>Applicant</b>	Monsanto Technology LLC, St. Louis, MO, USA
<b>Agent</b>	Monsanto Australia Limited, Melbourne, VIC
<b>Qualified Person</b>	Meredith Herring
<b>Details of Comparative Trial</b>	
<b>Location</b>	Waterman, Illinois, USA
<b>Descriptor</b>	UPOV Technical Guidelines for Maize (UPOV TG/2/6)
<b>Period</b>	2008-2009
<b>Conditions</b>	Growing conditions within the field are not uniform as there are some slight topographical variations such as lower areas which may accumulate and retain water or higher areas which are usually drier. The field is tiled and therefore a variety maybe planted close to a tile line while a comparative variety maybe planted further away and in a low spot within the field. Temporal variations can exist as weather conditions from year to year can vary as well as planting dates can vary from year to year based on weather conditions. Weather conditions each year can vary the maturity rate of the varieties due to either favourable or unfavourable growing conditions.
<b>Trial Design</b>	Grown at the Waterman, IL observation nursery in years 2008-2009. The varieties were planted in 2 row plots with 25 plants per row in each of the two years. Trait data were collected on 15 random representative plants for most traits from each 2 row plot. Data on qualitative traits are usually collected on 15 plants from each 2 row plot. All data were reported as means for one year for subject variety and the comparative variety with standard deviation. The varieties are randomly planted in a 4.5 acre observation nursery which is located within a larger 18 acre field. Besides the observation nursery, this field consists of a research seed increase nursery and an IP seed inventory nursery. The location of each of these individual nurseries is rotated each year to a different location within the 18 acre field. Therefore subject inbreds are not planted adjacent to comparative or standard varieties and may be located in different areas of the larger field each year, therefore being influenced by spatial differences within the field.
<b>Measurements</b>	In accordance with the UPOV Technical Guidelines.
<b>RHS Chart - edition</b>	Nil.

**Origin and Breeding**

Controlled pollination: Corn Variety '01DKD2' was selected for its yield potential, excellent general combining ability, reduced green snap susceptibility, high seed production yield, earlier flowering and good plant type. Summer 1996 The inbred line '01DHD10' (a proprietary Monsanto inbred) was crossed to the inbred line '90DJD28' (a proprietary Monsanto inbred) in nursery rows 96:308-46 and 96:309-45. Winter 1996 The S<sub>0</sub> seed was grown and self-pollinated in nursery row 6W:2X38-61. Summer 1997 The S<sub>1</sub> seed was grown and self-pollinated in nursery rows 97:3-36 through 97:3-55. 64 ears were selected. Summer 1998 S<sub>2</sub> ears were grown ear-to-row and self-pollinated. 4 ears were selected in nursery row 98:63-38. Winter 1998 S<sub>3</sub> ears were grown ear-to-row and self-pollinated. In nursery row 98W:MX-1297. 3 ears were selected. Summer 1999 S<sub>4</sub> ears were grown ear-to-row and self-pollinated. 3 ears from nursery row 99:79-5 were selected and designated as Corn variety '01DKD2'. Winter 1999 S<sub>5</sub> ears were grown ear-to-row and self-pollinated. 7 ears from nursery row 9K6WQ17-31 were selected. Summer 2000 S<sub>6</sub> ears were grown ear-to-row and self-pollinated. The final 30 ears were selected from nursery rows 2000:203-44 through 2000:203-46. Breeder: Dakalb Genetics (Monsanto acquired), St. Louis, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tassel	time of anthesis	medium to late
Tassel	anthocyanin colouration at base of glume	absent or very weak
Plant	length (inbred lines only)	medium to long
Ear	type of grain	dent
Ear	colour of dorsal side of grain	yellow orange
Ear	anthocyanin colouration of glumes of cob	present

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

Name	Comments
'B73'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'MO17'	Ear: anthocyanin colouration of silks	present	absent	



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

<b>Organ/Plant Part: Context</b>	<b>'01DKD2'</b>	<b>'B73'</b>
<input type="checkbox"/> First leaf: anthocyanin colouration of sheath	absent or very weak	absent or very weak
<input type="checkbox"/> First leaf: shape of tip	round	round
<input checked="" type="checkbox"/> Leaf: angle between blade and stem	small	medium to large
<input checked="" type="checkbox"/> Leaf: attitude of blade	straight	slightly recurved to recurved
<input type="checkbox"/> Stem: degree of zig-zag	absent or very slight	absent or very slight
<input type="checkbox"/> Stem: anthocyanin colouration of brace roots	medium	medium
<input type="checkbox"/> *Tassel: time of anthesis	medium to late	medium to late
<input type="checkbox"/> Tassel: anthocyanin colouration at base of glume	absent or very weak	absent or very weak
<input type="checkbox"/> Tassel: anthocyanin colouration of glumes excluding base	absent or very weak	absent or very weak
<input type="checkbox"/> Tassel: anthocyanin colouration of anthers	weak	absent or very weak
<input type="checkbox"/> *Tassel: angle between main axis and lateral branches	very small to small	very small to small
<input type="checkbox"/> *Tassel: attitude of lateral branches	straight to slightly recurved	-
<input type="checkbox"/> *Tassel: number of primary lateral branches	few	few to medium
<input type="checkbox"/> Ear: time of silk emergence	medium to late	medium to late
<input type="checkbox"/> *Ear: anthocyanin colouration of silks	present	absent
<input type="checkbox"/> *Ear: intensity of anthocyanin colouration of silks	very weak	very weak
<input type="checkbox"/> Leaf: anthocyanin colouration of sheath	absent or very weak	absent or very weak
<input type="checkbox"/> Tassel: length of main axis above lowest side branch	short to medium	-
<input type="checkbox"/> *Plant: length (inbred lines only)	medium to long	medium to long
<input type="checkbox"/> Plant: ratio height of insertion of upper ear to plant length	medium	small to medium
<input type="checkbox"/> Leaf: width of blade	medium to wide	narrow to medium
<input type="checkbox"/> Ear: length of peduncle	medium	short to medium
<input type="checkbox"/> *Ear: length	medium to long	medium
<input checked="" type="checkbox"/> Ear: diameter	medium to large	small to medium
<input type="checkbox"/> Ear: shape	conical	conical
<input type="checkbox"/> Ear: number of rows of grain	medium to many	medium
<input type="checkbox"/> *Ear: type of grain	dent	dent
<input type="checkbox"/> *Ear: colour of top of grain	yellow	yellow
<input type="checkbox"/> Ear: colour of dorsal side of grain	yellow orange	yellow orange
<input type="checkbox"/> *Ear: anthocyanin colouration of glumes of	present	present

cob		
<input checked="" type="checkbox"/> Ear: intensity of anthocyanin colouration of glumes of cob	strong	very weak to weak
<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>'01DKD2'</b>	<b>'B73'</b>
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	230.60	245.50
Std. Deviation	1.30	7.20
LSD/sig	5.22	P≤0.01
<input checked="" type="checkbox"/> Plant: ear height (cm)		
Mean	90.90	80.10
Std. Deviation	2.60	2.30
LSD /sig	2.47	P≤0.01
<input checked="" type="checkbox"/> Plant: internode length (cm)		
Mean	16.80	15.90
Std. Deviation	0.40	0.40
LSD/sig	0.40	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (cm)		
Mean	9.50	7.90
Std. Deviation	0.80	0.10
LSD/sig	0.57	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (cm)		
Mean	73.10	78.90
Std. Deviation	2.80	1.10
LSD /sig	2.14	P≤0.01
<input checked="" type="checkbox"/> Leaf: number above ear		
Mean	6.70	6.10
Std. Deviation	0.70	0.30
LSD/sig	0.54	P≤0.01
<input checked="" type="checkbox"/> Leaf: angle (degrees)		
Mean	14.00	26.00
Std. Deviation	5.80	1.10
LSD/sig	4.21	P≤0.01
<input checked="" type="checkbox"/> Tassel: number of branches		
Mean	5.20	6.00
Std. Deviation	0.20	1.00
LSD/sig	0.72	P≤0.01
<input type="checkbox"/> Tassel: branch angle (degrees)		
Mean	24.00	20.50
Std. Deviation	13.10	0.70
LSD /sig	9.35	ns
<input checked="" type="checkbox"/> Tassel : length (cm)		
Mean	35.70	47.00
Std. Deviation	3.50	0.10
LSD/sig	2.49	P≤0.01

<input checked="" type="checkbox"/> Ear: length (cm)		
Mean	16.70	14.00
Std. Deviation	0.40	0.40
LSD/sig	0.40	P≤0.01
<input type="checkbox"/> Ear: diameter (mm)		
Mean	42.30	44.10
Std. Deviation	4.00	0.80
LSD/sig	2.91	ns
<input type="checkbox"/> Ear: number of kernel rows		
Mean	16.80	16.40
Std. Deviation	1.40	0.70
LSD/sig	1.11	ns
<input type="checkbox"/> Ear: shank length (cm)		
Mean	7.80	8.10
Std. Deviation	1.40	0.70
LSD/sig	1.11	ns
<input type="checkbox"/> Kernel: length (mm)		
Mean	11.90	11.50
Std. Deviation	0.60	0.40
LSD/sig	0.51	ns
<input checked="" type="checkbox"/> Kernel: width (mm)		
Mean	7.60	7.80
Std. Deviation	0.10	0.20
LSD/sig	0.15	P≤0.01
<input type="checkbox"/> Kernel: thickness (mm)		
Mean	4.60	4.40
Std. Deviation	0.40	0.30
LSD/sig	0.35	ns
<input checked="" type="checkbox"/> Cob: diameter (mm)		
Mean	24.10	26.90
Std. Deviation	1.00	0.90
LSD/sig	0.95	P≤0.01

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Canada	2003	Granted	'I294213'
EU	2004	Granted	'01DKD2'
USA	2003	Granted	'I294213'

Prior sale nil.

Description: **Timothy Kain, Monsanto Technology LLC, St. Louis, MO, USA.**

<b>Details of Application</b>	
<b>Application Number</b>	2012/192
<b>Variety Name</b>	'01INL1'
<b>Genus Species</b>	<i>Zea mays</i>
<b>Common Name</b>	Corn
<b>Synonym</b>	Nil
<b>Accepted Date</b>	25 Feb 2013
<b>Applicant</b>	Monsanto Technology LLC, St. Louis, MO, USA
<b>Agent</b>	Monsanto Australia Limited, Melbourne, VIC
<b>Qualified Person</b>	Meredith Herring
<b>Details of Comparative Trial</b>	
<b>Location</b>	Waterman, IL, USA
<b>Descriptor</b>	UPOV Technical Guidelines for Maize (UPOV TG/2/6)
<b>Period</b>	2008-2009
<b>Conditions</b>	Growing conditions within the field are not uniform as there are some slight topographical variations such as lower areas which may accumulate and retain water or higher areas which are usually drier. The field is tiled and therefore a variety maybe planted close to a tile line while a comparative variety maybe planted further away and in a low spot within the field. Temporal variations can exist as weather conditions from year to year can vary as well as planting dates can vary from year to year based on weather conditions. Weather conditions each year can vary the maturity rate of the varieties due to either favourable or unfavourable growing conditions.
<b>Trial Design</b>	Grown at the Waterman, IL observation nursery in years 2008-2009. The varieties were planted in 2 row plots with 25 plants per row in each of the two years. Trait data were collected on 15 random representative plants for most traits from each 2 row plot. Data on qualitative traits are usually collected on 15 plants from each 2 row plot. All data were reported as means for one year for subject variety and the comparative variety with standard deviation. The varieties are randomly planted in a 4.5 acre observation nursery which is located within a larger 18 acre field. Besides the observation nursery, this field consists of a research seed increase nursery and an IP seed inventory nursery. The location of each of these individual nurseries is rotated each year to a different location within the 18 acre field. Therefore subject inbreds are not planted adjacent to comparative or standard varieties and may be located in different areas of the larger field each year, therefore being influenced by spatial differences within the field.
<b>Measurements</b>	In accordance with the UPOV Technical Guidelines.
<b>RHS Chart - edition</b>	Nil.

<b>Origin and Breeding</b>				
Controlled pollination: corn variety '01INL1' was selected for its greater vigour, improved plant health and intactness, improved grain quality, and greater combining ability. Winter 1991-92, the inbred line 3IIH6 (a proprietary DEKALB Genetics Corporation inbred) was crossed to the inbred line MM501D (a proprietary DEKALB Genetics Corporation inbred) in nursery row 912:MC19 (Windfall, IN). Summer 1992, the S <sub>0</sub> 3IIH6 x MM501D was backcrossed with 3IIH6 in nursery row 92W:128-29 (Windfall, IN). Summer 1993, the BC <sub>1</sub> seed was grown and self-pollinated in nursery rows 93:8-89 thru 8-65. 30 ears were selected. Summer 1994, BC <sub>1</sub> S <sub>1</sub> ears were grown ear-to-row and self pollinated. 3 ears were selected in nursery row 94:54-22. Winter 1994-95, BC <sub>1</sub> S <sub>2</sub> ears were grown ear-to-row and self-pollinated. In nursery row 4W:6U-2976. 3 ears were selected. Summer 1995, BC <sub>1</sub> S <sub>3</sub> ears were grown ear-to-row and self-pollinated. 3 ears from nursery row 95:106-24 were selected and designated as coded inbred 01INL1. Winter 1995-96, BC <sub>1</sub> S <sub>4</sub> ears were grown ear-to-row and self-pollinated. 4 ears were selected from nursery row 5W:6K37-42. Summer 1996, BC <sub>1</sub> S <sub>5</sub> ears were grown ear-to-row and self-pollinated. 4 ears were selected from nursery row 96:222-32. Winter 1996-97, BC <sub>1</sub> S <sub>6</sub> ears were grown ear-to-row and self-pollinated. 20 ears from nursery row 6W:HQ13-50 thru HQ13-53 were selected. Summer 1997, BC <sub>1</sub> S <sub>7</sub> ears were grown ear-to-row and self-pollinated. Final selection was made in nursery rows 97:128-52 thru 128-33. This selection consisted of the bulking of S <sub>9</sub> ears. Breeder: Dakalb Genetics (Monsanto acquired), St. Louis, USA.				
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge				
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>		
Tassel	time of anthesis	medium to late		
Tassel	anthocyanin colouration at base of glume	absent or very weak		
Ear	anthocyanin colouration of silks	absent		
Ear	colour of top of grain	yellow		
Ear	anthocyanin colouration of glumes of cob	present		
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>				
<b>Name</b>		<b>Comments</b>		
'MO17'				
<b>Varieties of Common Knowledge identified and subsequently excluded</b>				
<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'01DKD2'	Ear: anthocyanin colouration of silks	absent	present	

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

<b>Organ/Plant Part: Context</b>	<b>'01INL1'</b>	<b>'MO17'</b>
<input type="checkbox"/> First leaf: anthocyanin colouration of sheath	absent or very weak	absent or very weak
<input type="checkbox"/> First leaf: shape of tip	round	round
<input checked="" type="checkbox"/> Leaf: angle between blade and stem	small to medium	medium to large
<input type="checkbox"/> Leaf: attitude of blade	straight to slightly recurved	slightly recurved to recurved
<input type="checkbox"/> Stem: degree of zig-zag	absent or very slight	absent or very slight
<input type="checkbox"/> Stem: anthocyanin colouration of brace roots	weak to medium	very weak to weak
<input type="checkbox"/> *Tassel: time of anthesis	medium to late	medium to late
<input type="checkbox"/> Tassel: anthocyanin colouration at base of glume	absent or very weak	absent or very weak
<input type="checkbox"/> Tassel: anthocyanin colouration of glumes excluding base	absent or very weak	absent or very weak
<input type="checkbox"/> Tassel: anthocyanin colouration of anthers	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Tassel: angle between main axis and lateral branches	small to medium	large
<input type="checkbox"/> *Tassel: attitude of lateral branches	straight to slightly recurved	straight to slightly recurved
<input type="checkbox"/> *Tassel: number of primary lateral branches	few to medium	few
<input type="checkbox"/> Ear: time of silk emergence	medium to late	late
<input type="checkbox"/> *Ear: anthocyanin colouration of silks	absent	absent
<input type="checkbox"/> Leaf: anthocyanin colouration of sheath	absent or very weak	absent or very weak
<input type="checkbox"/> Tassel: length of main axis above lowest side branch	medium	short to medium
<input type="checkbox"/> *Plant: length (inbred lines only)	medium	medium to long
<input type="checkbox"/> Plant: ratio height of insertion of upper ear to plant length	medium	medium
<input type="checkbox"/> Leaf: width of blade	narrow	medium
<input type="checkbox"/> Ear: length of peduncle	medium	medium
<input type="checkbox"/> *Ear: length	medium	medium
<input type="checkbox"/> Ear: diameter	small to medium	small to medium
<input type="checkbox"/> Ear: shape	conical	conical
<input type="checkbox"/> Ear: number of rows of grain	few to medium	few to medium
<input type="checkbox"/> *Ear: type of grain	dent	dent
<input type="checkbox"/> *Ear: colour of top of grain	yellow	yellow
<input type="checkbox"/> Ear: colour of dorsal side of grain	yellow	orange
<input type="checkbox"/> *Ear: anthocyanin colouration of glumes of cob	present	present

<input type="checkbox"/> Ear: intensity of anthocyanin colouration of glumes of cob	medium to strong	medium to strong
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<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>‘01INL1’</b>	<b>‘MO17’</b>
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	205.40	245.70
Std. Deviation	8.90	7.80
LSD/sig	8.44	P≤0.01
<input checked="" type="checkbox"/> Plant: ear height (cm)		
Mean	82.50	96.20
Std. Deviation	6.10	6.50
LSD/sig	6.35	P≤0.01
<input type="checkbox"/> Plant: internode length (cm)		
Mean	15.50	16.20
Std. Deviation	2.40	1.50
LSD/sig	2.01	ns
<input checked="" type="checkbox"/> Leaf: width (cm)		
Mean	6.90	8.20
Std. Deviation	0.40	0.70
LSD/sig	0.57	P≤0.01
<input type="checkbox"/> Leaf : length (cm)		
Mean	64.60	67.10
Std. Deviation	4.30	3.20
LSD/sig	3.82	ns
<input type="checkbox"/> Leaf: number above ear		
Mean	5.20	5.10
Std. Deviation	0.50	0.30
LSD/sig	0.41	ns
<input type="checkbox"/> Leaf: angle (degrees)		
Mean	29.00	30.00
Std. Deviation	3.50	5.60
LSD/sig	4.71	ns
<input checked="" type="checkbox"/> Tassel: number of branches		
Mean	11.30	5.50
Std. Deviation	2.00	0.60
LSD/sig	1.48	P≤0.01
<input checked="" type="checkbox"/> Tassel: branch angle (degrees)		
Mean	27.50	43.00
Std. Deviation	7.20	5.80
LSD/sig	6.59	P≤0.01
<input checked="" type="checkbox"/> Tassel : length (cm)		
Mean	31.50	51.80
Std. Deviation	2.50	3.20
LSD/sig	2.89	P≤0.01
<input checked="" type="checkbox"/> Ear: length (cm)		

Mean	15.00	17.90
Std. Deviation	1.10	1.70
LSD/sig	1.44	P≤0.01
<input checked="" type="checkbox"/> Ear : diameter (mm)		
Mean	42.00	37.20
Std. Deviation	1.10	1.60
LSD/sig	1.38	P≤0.01
<input checked="" type="checkbox"/> Ear: number of kernel rows		
Mean	17.00	10.80
Std. Deviation	0.80	0.60
LSD/sig	0.71	P≤0.01
<input checked="" type="checkbox"/> Ear: shank length (cm)		
Mean	8.30	13.30
Std. Deviation	1.00	0.70
LSD/sig	0.87	P≤0.01
<input checked="" type="checkbox"/> Kernel: length (mm)		
Mean	12.00	10.80
Std. Deviation	0.30	0.60
LSD/sig	0.47	P≤0.01
<input type="checkbox"/> Kernel : width (mm)		
Mean	8.70	8.70
Std. Deviation	0.20	0.50
LSD/sig	0.38	ns
<input type="checkbox"/> Kernel: thickness (mm)		
Mean	5.10	5.30
Std. Deviation	0.20	0.30
LSD/sig	0.25	ns
<input type="checkbox"/> Cob: diameter (mm)		
Mean	19.70	19.70
Std. Deviation	1.70	1.40
LSD/sig	1.57	ns



**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Canada	2001	Withdrawn	'01INL1'
EU	2000	Granted	'01INL1'
USA	1999	Granted	'01INL1'

Prior sale nil.

Description: **Timothy Kain, Monsanto Technology LLC, St. Louis, MO, USA.**

<b>Details of Application</b>	
<b>Application Number</b>	2012/194
<b>Variety Name</b>	'C3IZI203'
<b>Genus Species</b>	<i>Zea mays</i>
<b>Common Name</b>	Corn
<b>Synonym</b>	Nil
<b>Accepted Date</b>	25 Mar 2013
<b>Applicant</b>	Monsanto Technology LLC, St. Louis, MO, USA
<b>Agent</b>	Monsanto Australia Limited, Melbourne, VIC
<b>Qualified Person</b>	Meredith Herring
<b>Details of Comparative Trial</b>	
<b>Location</b>	Waterman, IL, USA.
<b>Descriptor</b>	UPOV Technical Guidelines for Maize (UPOV TG/2/6)
<b>Period</b>	2008-2009
<b>Conditions</b>	Growing conditions within the field are not uniform as there are some slight topographical variations such as lower areas which may accumulate and retain water or higher areas which are usually drier. The field is tiled and therefore a variety maybe planted close to a tile line while a comparative variety maybe planted further away and in a low spot within the field. Temporal variations can exist as weather conditions from year to year can vary as well as planting dates can vary from year to year based on weather conditions. Weather conditions each year can vary the maturity rate of the varieties due to either favourable or unfavourable growing conditions.
<b>Trial Design</b>	Grown at the Waterman, IL observation nursery in years 2008-2009. The varieties were planted in 2 row plots with 25 plants per row in each of the two years. Trait data were collected on 15 random representative plants for most traits from each 2 row plot. Data on qualitative traits are usually collected on 15 plants from each 2 row plot. All data were reported as means for one year for subject variety and the comparative variety with standard deviation. The varieties are randomly planted in a 4.5 acre observation nursery which is located within a larger 18 acre field. Besides the observation nursery, this field consists of a research seed increase nursery and an IP seed inventory nursery. The location of each of these individual nurseries is rotated each year to a different location within the 18 acre field. Therefore subject inbreds are not planted adjacent to comparative or standard varieties and may be located in different areas of the larger field each year, therefore being influenced by spatial differences within the field.
<b>Measurements</b>	In accordance with the UPOV Technical Guidelines.
<b>RHS Chart - edition</b>	Nil

<b>Origin and Breeding</b>				
Controlled pollination: The inbred line 01INL1 (a proprietary DEKALB Genetics Corporation inbred) was crossed to the inbred line 94INK1A (a proprietary DEKALB Genetics Corporation inbred) in our summer nursery of year 1999, in Hinx, France. The S <sub>0</sub> (F <sub>1</sub> ) seeds were grown and self-pollinated in our winter nursery (Rancagua, Chile) during the winter off-season 1999-2000. The S <sub>1</sub> seed was grown and self-pollinated in our nursery in Hinx (France) during summer 2000. 40 S <sub>2</sub> ears were selected and test-crossed to inbred line 90DIQ2 (a proprietary DEKALB Genetics Corporation inbred) in Isolated crossing block in Chile (off-season 2000-2001). S <sub>2</sub> ear-to-row were also grown and self-pollinated in our Chile nursery during the same winter. The subsequent S <sub>3</sub> ear-to-rows were grown and self-pollinated in our summer 2001 nursery grown in Hinx, France. Based on per se performance and above all combining ability results, ear selection number 0014.0001 was selected; 1 S <sub>4</sub> ear was harvested, grown ear-to-row and self-pollinated in the winter nursery (Chile). The original S <sub>4</sub> ear and the 2 S <sub>5</sub> ears were designated as coded inbred line C3IZI203. Breeder: Monsanto Technology LLC, St. Louis, MO, USA.				
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge				
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>		
Tassel	time of anthesis	medium to late		
Tassel	anthocyanin colouration at base of glume	absent or very weak		
Ear	colour of top of grain	yellow		
Ear	anthocyanin colouration of glumes of cob	present		
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>				
<b>Name</b>		<b>Comments</b>		
'MO17'				
<b>Varieties of Common Knowledge identified and subsequently excluded</b>				
<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'01DKD2'	Tassel: anthocyanin colouration of glumes excluding base	medium	absent or very weak	
'01INL1'	Ear: anthocyanin colouration of silks	present	absent	
'87DUA5'	Ear: anthocyanin colouration of silks	present	absent	
'B73'	Ear: anthocyanin colouration of silks	present	absent	

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

<b>Organ/Plant Part: Context</b>	<b>‘C3IZI203’</b>	<b>‘MO17’</b>
<input type="checkbox"/> First leaf: anthocyanin colouration of sheath	medium	absent or very weak
<input type="checkbox"/> First leaf: shape of tip	round to spatulate	round
<input checked="" type="checkbox"/> Leaf: angle between blade and stem	small	medium to large
<input type="checkbox"/> Leaf: attitude of blade	slightly recurved	slightly recurved to recurved
<input type="checkbox"/> Stem: degree of zig-zag	absent or very slight	absent or very slight
<input type="checkbox"/> Stem: anthocyanin colouration of brace roots	weak	very weak to weak
<input type="checkbox"/> *Tassel: time of anthesis	medium to late	medium to late
<input type="checkbox"/> Tassel: anthocyanin colouration at base of glume	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Tassel: anthocyanin colouration of glumes excluding base	medium	absent or very weak
<input type="checkbox"/> Tassel: anthocyanin colouration of anthers	weak	absent or very weak
<input type="checkbox"/> Tassel: density of spikelets	medium	
<input type="checkbox"/> *Tassel: angle between main axis and lateral branches	medium	large
<input type="checkbox"/> *Tassel: attitude of lateral branches	straight	straight to slightly recurved
<input type="checkbox"/> *Tassel: number of primary lateral branches	few	few
<input type="checkbox"/> Ear: time of silk emergence	medium to late	late
<input checked="" type="checkbox"/> *Ear: anthocyanin colouration of silks	present	absent
<input type="checkbox"/> *Ear: intensity of anthocyanin colouration of silks	weak	
<input type="checkbox"/> Leaf: anthocyanin colouration of sheath	absent or very weak	absent or very weak
<input type="checkbox"/> Tassel: length of main axis above lowest side branch	medium to long	short to medium
<input type="checkbox"/> *Tassel: length of main axis above upper side branch	short to medium	
<input type="checkbox"/> Tassel: length of side branches	short to medium	
<input type="checkbox"/> *Plant: length (inbred lines only)	medium to long	medium to long
<input checked="" type="checkbox"/> Plant: ratio height of insertion of upper ear to plant length	large	medium

<input type="checkbox"/> Leaf: width of blade	medium to wide	medium
<input type="checkbox"/> Ear: length of peduncle	short	medium
<input type="checkbox"/> *Ear: length	medium to long	medium
<input type="checkbox"/> Ear: diameter	medium to large	small to medium
<input type="checkbox"/> Ear: shape	conico-cylindrical	conical
<input type="checkbox"/> Ear: number of rows of grain	medium	few to medium
<input type="checkbox"/> *Ear: type of grain	dent-like	dent
<input type="checkbox"/> *Ear: colour of top of grain	yellow	yellow
<input type="checkbox"/> Ear: colour of dorsal side of grain	yellow orange	orange
<input type="checkbox"/> *Ear: anthocyanin colouration of glumes of cob	present	present
<input type="checkbox"/> Ear: intensity of anthocyanin colouration of glumes of cob	medium	medium to strong

### Statistical Table

Organ/Plant Part: Context	'C3IZI203'	'MO17'
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	235.70	245.70
Std. Deviation	4.20	7.80
LSD/sig	6.32	P≤0.01
<input checked="" type="checkbox"/> Plant: ear height (cm)		
Mean	77.60	96.20
Std. Deviation	5.30	6.50
LSD/sig	5.98	P≤0.01
<input type="checkbox"/> Plant: internode length (cm)		
Mean	16.70	16.20
Std. Deviation	0.90	1.50
LSD/sig	1.24	ns
<input type="checkbox"/> Leaf: width (cm)		
Mean	8.00	8.20
Std. Deviation	0.50	0.70
LSD/sig	0.61	ns
<input checked="" type="checkbox"/> Leaf : length (cm)		
Mean	78.60	67.10
Std. Deviation	2.60	3.20
LSD/sig	2.94	P≤0.01
<input checked="" type="checkbox"/> Leaf: number above ear		
Mean	5.60	5.10
Std. Deviation	0.20	0.30
LSD/sig	0.26	P≤0.01

<input checked="" type="checkbox"/> Leaf: angle (degrees)		
Mean	19.40	30.00
Std. Deviation	4.50	5.60
LSD/sig	5.12	P≤0.01
<input checked="" type="checkbox"/> Tassel: number of branches		
Mean	8.50	5.50
Std. Deviation	1.60	0.60
LSD/sig	1.22	P≤0.01
<input checked="" type="checkbox"/> Tassel: branch angle (degrees)		
Mean	31.70	43.00
Std. Deviation	4.90	5.80
LSD/sig	5.41	P≤0.01
<input checked="" type="checkbox"/> Tassel : length (cm)		
Mean	44.60	51.80
Std. Deviation	2.00	3.20
LSD/sig	2.69	P≤0.01
<input checked="" type="checkbox"/> Ear: length (cm)		
Mean	14.90	17.90
Std. Deviation	1.00	1.70
LSD/sig	1.40	P≤0.01
<input checked="" type="checkbox"/> Ear : diameter (mm)		
Mean	42.40	37.20
Std. Deviation	0.90	1.60
LSD/sig	1.31	P≤0.01
<input checked="" type="checkbox"/> Ear: number of kernel rows		
Mean	17.80	10.80
Std. Deviation	0.60	0.60
LSD/sig	0.61	P≤0.01
<input type="checkbox"/> Ear: shank length (cm)		
Mean	12.80	13.30
Std. Deviation	0.90	0.70
LSD/sig	0.81	ns
<input checked="" type="checkbox"/> Kernel: length (mm)		
Mean	11.40	10.80
Std. Deviation	0.40	0.60
LSD/sig	0.51	P≤0.01
<input checked="" type="checkbox"/> Kernel : width (mm)		
Mean	8.00	8.70
Std. Deviation	0.20	0.50
LSD/sig	0.38	P≤0.01
<input checked="" type="checkbox"/> Kernel: thickness (mm)		
Mean	4.80	5.30
Std. Deviation	0.10	0.30

LSD/sig	0.22	P≤0.01
<input checked="" type="checkbox"/> Cob: diameter (mm)		
Mean	22.50	19.70
Std. Deviation	1.00	1.40
LSD/sig	1.23	P≤0.01

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2007	Granted	'C3IZI203'

Prior sale nil.

Description: **Timothy Kain, Monsanto Technology LLC**, St. Louis, MO, USA.

<b>Details of Application</b>	
<b>Application Number</b>	2012/193
<b>Variety Name</b>	'87DUA5'
<b>Genus Species</b>	<i>Zea mays</i>
<b>Common Name</b>	Corn
<b>Synonym</b>	1119135
<b>Accepted Date</b>	25 Feb 2013
<b>Applicant</b>	Monsanto Technology LLC, St. Louis, MO, USA
<b>Agent</b>	Monsanto Australia Limited, Melbourne, VIC
<b>Qualified Person</b>	Meredith Herring
<b>Details of Comparative Trial</b>	
<b>Location</b>	Waterman, IL, USA
<b>Descriptor</b>	UPOV Technical Guidelines for Maize (UPOV TG/2/6)
<b>Period</b>	2008-2009
<b>Conditions</b>	Growing conditions within the field are not uniform as there are some slight topographical variations such as lower areas which may accumulate and retain water or higher areas which are usually drier. The field is tiled and therefore a variety maybe planted close to a tile line while a comparative variety maybe planted further away and in a low spot within the field. Temporal variations can exist as weather conditions from year to year can vary as well as planting dates can vary from year to year based on weather conditions. Weather conditions each year can vary the maturity rate of the varieties due to either favourable or unfavourable growing conditions.
<b>Trial Design</b>	Grown at the Waterman, IL observation nursery in years 2008-2009. The varieties were planted in 2 row plots with 25 plants per row in each of the two years. Trait data were collected on 15 random representative plants for most traits from each 2 row plot. Data on qualitative traits are usually collected on 15 plants from each 2 row plot. All data were reported as means for one year for subject variety and the comparative variety with standard deviation. The varieties are randomly planted in a 4.5 acre observation nursery which is located within a larger 18 acre field. Besides the observation nursery, this field consists of a research seed increase nursery and an IP seed inventory nursery. The location of each of these individual nurseries is rotated each year to a different location within the 18 acre field. Therefore subject inbreds are not planted adjacent to comparative or standard varieties and may be located in different areas of the larger field each year, therefore being influenced by spatial differences within the field.
<b>Measurements</b>	In accordance with the UPOV Technical Guidelines.
<b>RHS Chart - edition</b>	Nil



<b>Origin and Breeding</b>				
Controlled pollination: corn variety '87DUA5' was selected for its greater yield potential, improved grain quality, greater vigour, earlier flowering date and greater combining ability. Winter 1995-96, the inbred line 3AZA1 (a proprietary DEKALB Genetics Corporation inbred) was crossed to the inbred line 87DIA4 (a proprietary DEKALB Genetics Corporation inbred) in nursery rows E35 and E83 in the Kihei Elite Section. Summer 1996, the S <sub>0</sub> seed was grown and self-pollinated in nursery row 96AR 224-32. Winter 1996-97, the S <sub>1</sub> seed was grown and self-pollinated in nursery rows 97HI2X36-47 thru 97HI2X36-41. 140 ears were selected. Summer 1998, S <sub>2</sub> ears were grown ear-to-row and self-pollinated. 7 ears were selected in nursery row 98A126-30-2. Winter 1998-99, S <sub>3</sub> ears were grown ear-to-row and self-pollinated. In nursery row 98HAHISS58-14, 2 ears were selected. Summer 1999, S <sub>4</sub> ears were grown ear-to-row and self-pollinated. In nursery row 99ARL 332-44, 1 ear was selected. Winter 1999-2000, S <sub>5</sub> ear was grown ear-to-row and self-pollinated. 2 ears from nursery row MXSS 1227.2 were selected. Summer 2000, S <sub>6</sub> ears were grown ear-to-row and self-pollinated. 3 ears from nursery row 00AR3 000525.2 were selected and designated as corn variety 87DUA5. Winter 2000-01 and Summer 2001, S <sub>7</sub> ears were grown ear-to-row and self-pollinated. 4 ears from nursery row 00KLS 1100.03 were selected. S <sub>8</sub> ears were grown ear-to-row and self-pollinated. Final ear-to-row selection was made of 20 ears from nursery rows 01AR3 000711- 000720. Breeder: Monsanto Technology LLC, St. Louis, MO, USA.				
<b>Choice of Comparators</b> 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		
Tassel	time of anthesis	medium		
Tassel	anthocyanin colouration at base of glume	absent or very weak		
Ear	anthocyanin colouration of silks	absent		
Ear	type of grain	dent		
Ear	colour of top of grain	yellow		
Ear	colour of dorsal side of grain	yellow orange		
Ear	anthocyanin colouration of glumes of cob	present		
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>				
Name		Comments		
'CM105'				
<b>Varieties of Common Knowledge identified and subsequently excluded</b>				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'01DKD2'	Ear: anthocyanin colouration of silks	absent	present	
'01INL1'	First leaf: shape of tip	pointed	round	

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

<b>Organ/Plant Part: Context</b>	<b>'87DUA5'</b>	<b>'CM105'</b>
<input type="checkbox"/> First leaf: anthocyanin colouration of sheath	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> First leaf: shape of tip	pointed	round
<input checked="" type="checkbox"/> Leaf: angle between blade and stem	small to medium	medium to large
<input type="checkbox"/> Leaf: attitude of blade	slightly recurved	recurved
<input type="checkbox"/> Stem: degree of zig-zag	absent or very slight	absent or very slight
<input type="checkbox"/> Stem: anthocyanin colouration of brace roots	medium to strong	medium to strong
<input type="checkbox"/> *Tassel: time of anthesis	medium	medium
<input type="checkbox"/> Tassel: anthocyanin colouration at base of glume	absent or very weak	absent or very weak
<input type="checkbox"/> Tassel: anthocyanin colouration of glumes excluding base	strong	strong to very strong
<input checked="" type="checkbox"/> Tassel: anthocyanin colouration of anthers	medium to strong	absent or very weak
<input type="checkbox"/> *Tassel: angle between main axis and lateral branches	small	medium to large
<input type="checkbox"/> *Tassel: attitude of lateral branches	straight to slightly recurved	straight to slightly recurved
<input type="checkbox"/> *Tassel: number of primary lateral branches	few	few
<input type="checkbox"/> Ear: time of silk emergence	medium	medium
<input type="checkbox"/> *Ear: anthocyanin colouration of silks	absent	absent
<input type="checkbox"/> Leaf: anthocyanin colouration of sheath	absent or very weak	absent or very weak
<input type="checkbox"/> Tassel: length of main axis above lowest side branch	short to medium	short to medium
<input type="checkbox"/> *Tassel: length of main axis above upper side branch	short to medium	short to medium
<input type="checkbox"/> *Plant: length (inbred lines only)	medium	short to medium
<input type="checkbox"/> Plant: ratio height of insertion of upper ear to plant length	small to medium	medium
<input type="checkbox"/> Leaf: width of blade	narrow to medium	narrow
<input type="checkbox"/> Ear: length of peduncle	short to medium	medium to long
<input type="checkbox"/> *Ear: length	medium	short to medium
<input type="checkbox"/> Ear: diameter	small to medium	small to medium
<input type="checkbox"/> Ear: shape	conical	conical
<input type="checkbox"/> Ear: number of rows of grain	medium	medium
<input type="checkbox"/> *Ear: type of grain	dent	dent
<input type="checkbox"/> *Ear: colour of top of grain	yellow	yellow
<input type="checkbox"/> Ear: colour of dorsal side of grain	yellow orange	yellow orange
<input type="checkbox"/> *Ear: anthocyanin colouration of glumes of	present	present

cob		
<input type="checkbox"/> Ear: intensity of anthocyanin colouration of glumes of cob	medium to strong	strong

<b>Statistical Table</b>		
<b>Organ/Plant Part: Context</b>	<b>'87DUA5'</b>	<b>'CM105'</b>
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	200.40	194.40
Std. Deviation	4.50	5.90
LSD/sig	5.29	P≤0.01
<input checked="" type="checkbox"/> Plant: ear height (cm)		
Mean	53.90	62.30
Std. Deviation	4.30	3.60
LSD/sig	4.00	P≤0.01
<input type="checkbox"/> Plant: internode length (cm)		
Mean	15.40	14.10
Std. Deviation	0.20	1.90
LSD/sig	1.36	ns
<input checked="" type="checkbox"/> Leaf: width (cm)		
Mean	9.30	7.10
Std. Deviation	0.20	0.80
LSD/sig	0.58	P≤0.01
<input checked="" type="checkbox"/> Leaf : length (cm)		
Mean	71.40	76.50
Std. Deviation	0.50	3.20
LSD/sig	2.31	P≤0.01
<input checked="" type="checkbox"/> Leaf: number above ear		
Mean	6.80	5.60
Std. Deviation	0.60	0.60
LSD/sig	0.60	P≤0.01
<input checked="" type="checkbox"/> Leaf: angle (degrees)		
Mean	30.00	44.50
Std. Deviation	0.60	5.90
LSD/sig	4.23	P≤0.01
<input checked="" type="checkbox"/> Tassel: number of branches		
Mean	5.70	3.50
Std. Deviation	1.60	1.00
LSD/sig	1.34	P≤0.01
<input checked="" type="checkbox"/> Tassel: branch angle (degrees)		
Mean	16.00	36.50
Std. Deviation	1.60	4.60
LSD/sig	3.47	P≤0.01
<input type="checkbox"/> Tassel : length (cm)		
Mean	34.10	37.60
Std. Deviation	3.30	3.90
LSD/sig	3.64	ns

<input checked="" type="checkbox"/> Ear: length (cm)		
Mean	15.40	13.80
Std. Deviation	2.70	1.80
LSD/sig	2.31	P≤0.01
<input type="checkbox"/> Ear : diameter (mm)		
Mean	39.40	39.40
Std. Deviation	2.10	1.50
LSD/sig	1.84	ns
<input type="checkbox"/> Ear: number of kernel rows		
Mean	16.00	15.60
Std. Deviation	2.00	0.80
LSD/sig	1.53	ns
<input checked="" type="checkbox"/> Ear: shank length (cm)		
Mean	8.40	14.80
Std. Deviation	0.20	1.40
LSD/sig	1.00	P≤0.01
<input type="checkbox"/> Kernel: length (mm)		
Mean	10.00	9.80
Std. Deviation	0.10	0.60
LSD/sig	0.43	ns
<input checked="" type="checkbox"/> Kernel : width (mm)		
Mean	6.80	7.30
Std. Deviation	0.20	0.50
LSD/sig	0.38	P≤0.01
<input checked="" type="checkbox"/> Kernel: thickness (mm)		
Mean	3.80	4.70
Std. Deviation	0.10	0.30
LSD/sig	0.22	P≤0.01
<input type="checkbox"/> Cob: diameter (mm)		
Mean	25.20	25.50
Std. Deviation	1.30	1.50
LSD/sig	1.41	ns

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2007	Granted	'87DUA5'
USA	2005	Granted	'87DUA5'

Prior sale nil.

Description: **Timothy Kain, Monsanto Technology LLC**, St. Louis, MO, USA.

**Details of Application**

<b>Application Number</b>	2011/277
<b>Variety Name</b>	Barazur
<b>Genus Species</b>	<i>Cynodon dactylon</i>
<b>Common Name</b>	Couchgrass
<b>Synonym</b>	
<b>Accepted Date</b>	27 May 2013
<b>Applicant</b>	Barenbrug USA, Inc., Tangent, USA.
<b>Agent</b>	Phillips Ormonde Fitzpatrick, Melbourne, VIC.
<b>Qualified Person</b>	Margaret Zorin

**Details of Comparative Trial**

<b>Location</b>	Birkdale, QLD.
<b>Descriptor</b>	Couch grass <i>Cynodon dactylon</i> National descriptor PBR CYNO
<b>Period</b>	September 2013 to February 2014
<b>Conditions</b>	Vegetatively propagated divisions of the candidate and comparator varieties established in 90 X 90 mm square pots in Sep 2013. These were grown to completely fill the pots, which were trimmed to uniform height and width prior to field planting on 29 Nov 2013. Field trial located on a fertile red volcanic Ferrosol (krasnozem) soil (Isbell 2002, with the land ripped twice (in different directions) and rotary hoed to a fine tilth prior to being pulled up into shallow beds (c. 100 mm high). Mixed fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) broadcast after planting at the rate of 663 kg/ha (approx. 100 kg N, 29 kg P, 76 kg K, 90 kg S per hectare). Trickle irrigation used to provide sufficient water for establishment and growth. Pre-emergent herbicide Rifle (44% pendimethalin) was applied @ 5 L/ha post-planting pre-rain to control any new germinating weeds. Sprayed during field growth with Gremlin (1.8% abamectin) plus Apollo (50% clofentezine) to control eriophyoid mites. Field conditions remained dry during 2 months of growth through the longest summer days, which promote flowering in <i>Cynodon dactylon</i> (Mes 1958). Plant flowering behaviour may differ in other environments.
<b>Trial Design</b>	30 spaced plants of each of 3 cultivars ('Barazur', 'Riley's Super Sport', 'C1' ('Legend')) arranged in 8 randomised blocks (rows) with 4 plants per plot; 1.5 m between blocks (rows) and 1.0 m between plants within blocks.
<b>Measurements</b>	Measurements and observations were taken on 27-31 Jan 2014 approx. 2 months after field planting using UPOV guidelines. Stolon measurements were made at the 4th visible node and internode from the growing tip. Leaf measurements on flowering tillers were made on the flag leaf and the 4th leaf. Colours were determined on 12 Feb 2014 using Royal Horticultural Society of London (RHS) charts.
<b>RHS Chart - edition</b>	2010

### **Origin and Breeding**

Selection: unnamed research germplasm collection near Sydney, Australia in 1997. This unnamed germplasm was open pollinated and was subsequently evaluated in turf plots in France (1998-1999) and then Virginia, USA in 2000 for its turf quality.. The most promising line was selected and named 'BAR 1CD3'. 'Barazur' has been found to be stable and reproduce true to type through successive generations (4-5) through asexual propagations. The parent is characterised by high vertical growth, high inflorescence production, with medium lateral spread and medium sod density. Breeders: Jacobus de Bruijn an employee of Barenbrug USA Inc. Tangent, Oregon USA.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	tetraploid (4n = 36)
Plant	habit	prostrate creeping, rhizomatous
Plant	longevity	perennial
Plant	height of vertical growth	short
Plant	spreading	laterally by stolons and rhizomes
Stolon	internode thickness	medium-thin
Plant	no. of inflorescences	few

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

<b>Name</b>	<b>Comments</b>
'C1' (Legend)	A sport turf used in eastern Australia. Widely grown commercially and sold under the trade mark Legend <sup>®</sup>
'Riley's Super Sport	Forms a dense turf of low growth habit, sports ground turf selected in Sydney; no longer grown commercially in Australia

### **Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Plateau'	Plant: vertical growth	short	very short	extreme prostrate growth habit as a flat stolon mat
'Patriot'	Taxon	<i>Cynodon dactylon</i>	<i>Cynodon dactylon</i> x <i>Cynodon transvaalensis</i>	tetraploid hybrid variety bred by using hexaploid <i>C. dactylon</i>
'Oz-E-Green'	Plant: vertical growth	short	very short	very prostrate growth habit approaching a flat stolon mat
'Riley's	Stolon:	short	long	long stolon

Evergreen	inter-node length			internodes contribute to open lateral growth
'Riley's Evegreen'	No. of Inflorescences	few	many	prolific inflorescence production
'Grand Prix'	Stolon: diameter	medium-thin	thick	dense sportsfield grass used widely throughout subtropical & temperate Australia

**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	'Barazur'	'C1' ('Legend'®)	Riley's Super Sport
<input type="checkbox"/> Plant: ploidy	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: habit	prostrate creeping, rhizomatous	prostrate creeping, rhizomatous	prostrate creeping, rhizomatous
<input type="checkbox"/> Plant: type	mat-forming	mat-forming	mat-forming
<input type="checkbox"/> Plant: height	short	short	short
<input type="checkbox"/> Plant: longevity	perennial	perennial	perennial
<input type="checkbox"/> Plant: spreading	laterally by stolons and rhizomes	laterally by stolons and rhizomes	laterally by stolons and rhizomes
<input type="checkbox"/> Stolon: nodes	compound nodes with 3 subtending leaves	compound nodes with 3 subtending leaves	compound nodes with 3 subtending leaves
<input checked="" type="checkbox"/> Stolon: internode length	short	medium	medium
<input type="checkbox"/> Stolon: internode thickness	medium-thin	medium-thin	medium-thin
<input checked="" type="checkbox"/> Stolon: colour when exposed to sunlight(RHS)	grey-brown (N199A-B)	grey-brown (N199B)	greyed red (182B)
<input type="checkbox"/> Culms: length	short	short	short
<input type="checkbox"/> Leaf blade: shape	linear-triangular	linear-triangular	linear-triangular
<input type="checkbox"/> Leaf blade: length	short	short	short
<input type="checkbox"/> Leaf blade: width	narrow	narrow	narrow
<input checked="" type="checkbox"/> Leaf blade: colour(RHS)	green (137A)	green (138A)	green (137B)
<input type="checkbox"/> Ligule: appearance	dense row of short white hairs	dense row of short white hairs	dense row of short white hairs
<input type="checkbox"/> Inflorescence: type	digitate with (3,4 or 5) short spicate racemes	digitate with (3 or 4) short spicate racemes	digitate with (3, 4 or 5) short spicate racemes
<input type="checkbox"/> Inflorescence: length of peduncle	short	short	short
<input type="checkbox"/> Inflorescence: maximum number	five	four	five



of spikes

<input type="checkbox"/> Inflorescence: minimum number of spikes	three	three	three
<input type="checkbox"/> Culms: habit	decumbent	decumbent	decumbent
<input type="checkbox"/> Leaf sheath: appearance	smooth	smooth	smooth
<input type="checkbox"/> Leaf blade: presentation	folded	folded	folded
<input type="checkbox"/> Leaf blade: apex	acute	acute	acute
<input type="checkbox"/> Inflorescence: anthers	purple	purple	purple
<input type="checkbox"/> Plant: reproductive behaviour	outbreeding	outbreeding	outbreeding

### Characteristics Additional to the Descriptor/TG

<input checked="" type="checkbox"/> Plant: mat density	dense	sparse	medium
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### Statistical Table

Organ/Plant Part: Context	'Barazur'	'C1' ('Legend')	'Riley's Super Sport'
<input checked="" type="checkbox"/> Plant: diameter 62 days after planting (cm)			
Mean	114.00	145.60	194.30
Std. Deviation	22.87	35.18	31.57
Lsd/sig	17.6	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon: internode length (mm)			
Mean	29.00	37.70	36.40
Std. Deviation	8.84	9.67	12.75
Lsd/sig	6.8	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon: internode mean diameter (mm)			
Mean	1.51	1.57	1.51
Std. Deviation	0.13	0.13	0.13
Lsd/sig	0.09	ns	ns
<input checked="" type="checkbox"/> Stolon: outer leaf sheath length (mm)			
Mean	6.75	8.06	9.91
Std. Deviation	1.66	1.29	1.80
Lsd/sig	1.07	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon: outer leaf blade length (mm)			
Mean	5.40	5.22	4.17
Std. Deviation	4.71	1.59	2.21
Lsd/sig	1.97	ns	ns
<input type="checkbox"/> Stolon: outer leaf blade width (mm)			
Mean	1.85	2.16	1.55
Std. Deviation	0.47	0.65	0.46
Lsd/sig	0.35	ns	ns
<input type="checkbox"/> Stolon: outer leaf blade length:width ratio			
Mean	2.81	2.53	2.64
Std. Deviation	1.90	0.77	0.78
Lsd/sig	0.79	ns	ns
<input checked="" type="checkbox"/> Stolon: no. of branches at 4th node			
Mean	2.00	2.90	1.30

Std. Deviation	0.50	1.16	0.47
Lsd/sig	0.50	P≤0.01	P≤0.01
<input type="checkbox"/> Tiller leaf: sheath length (mm)			
Mean	11.80	9.60	10.70
Std. Deviation	3.85	3.07	2.33
Lsd/sig	2.00	P≤0.01	ns
<input type="checkbox"/> Tiller leaf: blade length (mm)			
Mean	30.30	17.60	21.70
Std. Deviation	10.44	6.53	5.81
Lsd/sig	5.00	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Tiller leaf: blade width(mm)			
Mean	2.05	2.37	2.06
Std. Deviation	0.20	0.35	0.30
Lsd/sig	0.19	P≤0.01	ns
<input type="checkbox"/> Tiller leaf: blade length:width ratio			
Mean	14.83	7.57	10.80
Std. Deviation	4.96	2.89	3.40
Lsd/sig	2.36	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: blade length (mm)			
Mean	20.70	6.50	11.30
Std. Deviation	11.19	2.92	7.78
Lsd/sig	5.00	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: blade width (mm)			
Mean	1.49	1.01	1.16
Std. Deviation	0.46	0.46	0.42
Lsd/sig	0.30	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: blade length:width ratio			
Mean	13.32	6.90	9.31
Std. Deviation	5.40	3.21	4.12
Lsd/sig	2.55	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: sheath length (mm)			
Mean	42.80	42.20	43.20
Std. Deviation	7.36	7.29	8.46
Lsd/sig	4.8	ns	ns
<input type="checkbox"/> Inflorescence: number of spikes			
Mean	3.70	3.70	3.90
Std. Deviation	0.54	0.47	0.42
Lsd/sig	0.30	ns	ns
<input type="checkbox"/> Peduncle: diameter (mm)			
Mean	0.49	0.53	0.46
Std. Deviation	0.09	0.11	0.08
Lsd/sig	0.06	ns	ns
<input type="checkbox"/> Peduncle: length (mm)			
Mean	66.00	50.20	55.00
Std. Deviation	13.47	8.85	9.64
Lsd/sig	6.50	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Peduncle: flag leaf sheath:			

peduncle length ratio			
Mean	0.66	0.85	0.79
Std. Deviation	0.10	0.08	0.12
Lsd/sig	0.06	P≤0.01	P≤0.01
☐ Inflorescence: mean spike length (mm)			
Mean	32.50	31.40	34.80
Std. Deviation	5.86	4.78	4.88
Lsd/sig	3.44	ns	ns

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	2010	Granted	'Barazur'
Netherlands	2001	Granted	'Barazur'
EU	2013	Granted	'Barazur'

First sold in USA in June 2009.

Description: **Margaret Zorin**, Birkdale, QLD and **Donald S Loch**, Alexandra Hills, QLD.

**Details of Application**

<b>Application Number</b>	2013/233
<b>Variety Name</b>	'DBA-Aurora'
<b>Genus Species</b>	<i>Triticum turgidum</i> subsp. <i>durum</i>
<b>Common Name</b>	Durum Wheat
<b>Synonym</b>	
<b>Accepted Date</b>	31 October 2013
<b>Applicant</b>	Adelaide Research & Innovation Pty Ltd, Adelaide, SA and Grains Research and Development Corporation, Barton, ACT
<b>Agent</b>	Adelaide Research & Innovation Pty Ltd, Adelaide, SA
<b>Qualified Person</b>	Gil Hollamby

**Details of Comparative Trial**

<b>Location</b>	Roseworthy and Kapunda, SA and Kaniva, VIC.
<b>Descriptor</b>	Durum Wheat <i>Triticum turgidum</i> subsp. <i>durum</i> UPOV TG/120/4
<b>Period</b>	Spring-Summer 2013
<b>Conditions</b>	A comparative trial was sown on the Roseworthy Campus, The University of Adelaide on 19th May 2013 together with 95kg DAP/ha. The area had been sown to lentils in 2012. Herbicides Roundup (2.5l/ha), Boxer Gold (2.5l/ha) and Goal? (150ml/ha) were applied pre-seeding for weed control. Post seeding weed control was achieved by spraying Lontrel (250ml/ha). Growing season rainfall was above average, but a severe heat stress occurred around heading to anthesis and this affected grain filling. Post anthesis remained dry and hot. The trial was disease free. Similar trials were sown at Kapunda, SA and Kaniva, VIC. All observations and measurements were recorded on the Roseworthy trial, except, because of poor grain filling at Roseworthy kernel measurements were made on grain harvested from Kapunda, SA and Kaniva, VIC which had not been affected.
<b>Trial Design</b>	In all there were eight varieties and lines planted in a Randomised Block Design of three blocks. Each block consisted of 3 plots across eight ranges. Plots were 6 rows wide x 4m long and contained approximately 1000 plants.
<b>Measurements</b>	Quantitative characters were measured on 10 or 20 randomly selected primary tillers from each plot. Kernel weights were determined by counting the number of seeds in an accurately weighed sample (around 25g) from the grain harvested from each plot. Statistical analyses were performed as a randomised block design. Statistical data are presented for Roseworthy and the kernel measurements for all three sites.

**Origin and Breeding**

Controlled pollination: ('Tm#LY' x 'R9220318LY) x 'LYX\*Tm' In 2002 three promising durum lines were involved in a complex cross. Firstly line TM#LY (pedigree= TAM#\*WLYY9/2/3) was crossed with R9220318LY (RH920318\*WLYY9/3/1/5/3/4) and then the resultant F1 top crossed with LY#\*Tm (((WLYY9/2/6/3/CCNR1\*(WLYY(\*Tam))/4)). Seed from this top cross was

multiplied in 2003 and 2004. Head selections were taken and planted as individual hills as well as a bulk in field trials at Roseworthy in 2005. The head hills were lost in a severe drought in 2006 so individual head selection commenced again from the 2005 bulk which was planted later under irrigation after the natural rainfall plots had died. Nineteen selections were carried forward into field trials in 2007 and seven of these were retained and trialled at 6 sites in 2008. These were reduced to 3 lines for trialling in 2009. Line number 96, recoded as 'UAD0951096', stood out and was field trialled widely in 2010, 6 replicates at each of 8 sites. Trialling continued and pure seed was multiplied at Virginia, S.A. in 2011. In 2012 and 2013 'UAD0951096' was further tested and multiplied. The full pedigree of 'UAD0951096' is TAMAROI\*2/KALKA//RH920318/KALKA///KALKA\*2/TAMAROI and it has been named as 'DBA-Aurora'.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	seasonal type	spring
Plant	length	medium
Ear	distribution of awns	whole length
Ear	glaucoisity	medium to strong

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

Name	Comments
'Kalka'	variety in the pedigree
'Tamaroi'	variety in the pedigree; usually with black awns but if a quick grain finish colour not well developed

#### **Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Ligzhi'	plant origin	cultivated spring durum wheat	chinese land race	
'Tijlkuri'	heading date	earlier	Later	
'WID802'	allelic expression at Glu-B1	6+8+?	6+8	
'Yallaroi'	growth habit	intermediate To semi erect	erect	

**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	'DBA-Aurora'	'Kalka'	'Tamaroi'	'Yawa'
<input type="checkbox"/> *Plant: growth habit	intermediate to semi-prostrate	semi-erect	intermediate to semi-prostrate	intermediate to semi-prostrate
<input checked="" type="checkbox"/> Plants: frequency of plants with recurved flag leaves	very high	medium	high	low
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong to very strong	medium	strong	strong to very strong
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of blade	medium	weak	weak	weak
<input type="checkbox"/> Awn: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Culm: hairiness of uppermost node	strong to very strong	absent or very weak	medium	medium
<input checked="" type="checkbox"/> *Culm: glaucosity of neck	strong	medium	medium	strong
<input type="checkbox"/> *Ear: glaucosity	medium to strong	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> *Plant: length	medium	medium	medium	medium
<input type="checkbox"/> Ear: distribution of awns	whole length	whole length	whole length	whole length
<input checked="" type="checkbox"/> *Awns at tip of ear: length in relation to ear	longer	longer	equal	shorter
<input type="checkbox"/> Lower glume: shape	ovoid to elongated	strongly elongated	elongated	elongated
<input type="checkbox"/> Lower glume: shape of shoulder	elevated	straight	elevated	sloping
<input type="checkbox"/> Lower glume: shoulder width	narrow to medium	narrow	medium	very narrow to narrow
<input type="checkbox"/> *Lower glume: length of beak	medium	short to medium	medium	short
<input type="checkbox"/> Lower glume: shape of beak	slightly curved	slightly curved	slightly curved	slightly curved
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent	absent
<input type="checkbox"/> *Straw: pith in cross section	medium	thin to medium	thin	thin
<input type="checkbox"/> *Awn: colour	whitish	whitish	black	whitish
<input type="checkbox"/> *Ear: length excluding awns	long	medium	medium	short
<input type="checkbox"/> Ear: hairiness of margin of first rachis segment	absent or very weak	very weak to weak	medium to strong	absent or very weak
<input type="checkbox"/> *Ear: colour at maturity	white	white	white	white
<input type="checkbox"/> Ear: shape in profile view	parallel sided	tapering	tapering	tapering
<input checked="" type="checkbox"/> *Ear: density	lax to medium	medium	medium	dense
<input checked="" type="checkbox"/> Grain: shape	elongated	ovoid to semi-	elongated	ovoid to semi-

<input type="checkbox"/> Grain: length of brush hair in dorsal view	short	short	very short	elongated very short to short
<input type="checkbox"/> *Season: type	spring type	spring type	spring type	spring type

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'DBA-Aurora'	'Kalka'	'Tamaroi'	'Yawa'
<input type="checkbox"/> Grain glutenin composition: Allele expression at Glu-A1	null	null	null	null
<input checked="" type="checkbox"/> Grain glutenin composition: Allele expression at Glu-B1	6+8+?	7+8	6+8	6+8+?
<input type="checkbox"/> Grain glutenin composition: Allele expression at locus Glu-B2	band a	band a	band a	band a

**Statistical Table**

Organ/Plant Part: Context	'DBA-Aurora'	'Kalka'	'Tamaroi'	'Yawa'
<input type="checkbox"/> Flag leaf: length(mm)				
Mean	296.30	274.00	277.20	249.50
Std. Deviation	20.70	31.30	37.40	24.10
Lsd/sig	22.8	ns	ns	P≤0.01
<input type="checkbox"/> Flag leaf: width(mm)				
Mean	18.93	17.70	18.90	18.10
Std. Deviation	1.89	1.82	1.90	1.40
Lsd/sig	1.13	ns	ns	ns
<input checked="" type="checkbox"/> Ear head: days to emergence ( from 1 <sup>st</sup> January 2013)				
Mean	248.00	248.00	246.00	250.00
Std. Deviation	1.00	0.58	0.00	1.20
Lsd/sig	1.42	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: height (cm)				
Mean	86.08	95.00	93.40	98.70
Std. Deviation	3.50	5.10	4.70	4.00
Lsd/sig	5.25	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Ear head: length with awns(mm)				
Mean	187.60	182.60	191.00	168.80
Std. Deviation	14.90	16.40	15.90	11.30
Lsd/sig	13.3	ns	ns	ns
<input checked="" type="checkbox"/> Ear head: length without awns(mm)				
Mean	88.80	82.90	83.20	78.50
Std. Deviation	6.60	6.03	9.10	6.70
Lsd/sig	5.2	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear head: width(mm)				
Mean	15.00	13.90	15.60	14.90
Std. Deviation	1.10	1.17	1.50	0.76
Lsd/sig	0.6	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Grain: 1000 kernel weight (g) (from Kaniva, VIC)				
Mean	49.80	47.40	49.40	44.10

Std. Deviation	2.34	1.14	0.93	1.27
Lsd/sig	1.80	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Grain: 1000 Kernel weight (from Kapunda, SA)				
Mean	38.85	36.57	38.60	33.30
Std. Deviation	1.27	2.33	1.59	0.95
Lsd/sig	3.59	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Ear head: rachis internode length(mm)				
Mean	4.12	3.66	3.84	3.18
Std. Deviation	0.32	0.34	0.42	0.31
Lsd/sig	0.20	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Grain: length(mm)				
Mean	7.78	7.25	7.74	7.16
Std. Deviation	0.32	0.11	0.21	0.18
Lsd/sig	0.20	P≤0.01	ns	P≤0.01

### **Prior Applications and Sales**

Nil

Description: **Gil Hollamby**, Williamstown, SA.



<b>Details of Application</b>		
<b>Application Number</b>	2008/213	
<b>Variety Name</b>	'Scasalute'	
<b>Genus Species</b>	<i>Scaevola aemula</i>	
<b>Common Name</b>	Fanflower	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	27 Jan 2010	
<b>Applicant</b>	NuFlora International Pty Ltd, Macquarie fields, NSW.	
<b>Agent</b>	Ramm Botanicals Pty Ltd, Tuggerah, NSW.	
<b>Qualified Person</b>	Megan Bartley	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Kangy Angy, NSW	
<b>Descriptor</b>	Scaevola PBR SCAE	
<b>Period</b>	July 2013 - January 2014	
<b>Conditions</b>	Cutting derived plants of the candidate and comparators were potted into 140mm standard black plastic pots. 5g of Osmocote Exact standard was added to the surface of the pot at planting. Plants were transferred to 200mm pots and 20g of Osmocote Exact standard was added to the surface of the potting mix. No supplementary fertiliser was used. Plants were grown in the open in full sun. Potting mix was a general-purpose type based on composted pine bark pH 5.9. Routine pest and disease sprays were carried out. No significant pest or disease was encountered during the trial.	
<b>Trial Design</b>	15 plants each of the candidate and comparators were arranged in a randomised manner.	
<b>Measurements</b>	Observations were taken from 10 randomly selected plants.	
<b>RHS Chart - edition</b>	1995 RHS Chart	
<b>Origin and Breeding</b>		
Controlled pollination: 'Scasalute' was developed as part of a conventional breeding program for <i>Scaevola</i> suited to pot and garden use conducted at Cobbitty NSW. Observations were first made in 2007 and further trial work was carried out at Tuggerah, NSW. 'Scasalute' was selected for development on the basis of free flowering, highly branched and compact growth habit and the ability to perform well in baskets and as a ground cover. Propagated by soft tip cutting through more than 5 generations. Breeder: Dr Shuming Luo, Dulwich Hill, NSW.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	type	ground cover
Leaf	shape of apex	acute
Leaf	incision of margin	present
Corolla	stripes on petals (upper side)	present

Petal	colour of eye on upper side	white
Indusium	colour	white
Indusium	degree of hairiness	strong
Corolla	main colour	purple

### Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Scacover'	Known as 'Bushy Blue' this plant came from the same breeding program as 'Scasalute'

### Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'New Wonder'	stem	anthocyanin coloration	absent or very weak	medium	'New Wonder' is also known as 'Newon'

### 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	'Scasalute'	'Scacover'
<input type="checkbox"/> Plant: type	groundcover	groundcover
<input checked="" type="checkbox"/> Plant: growth habit	erect	horizontal
<input checked="" type="checkbox"/> Plant: height	medium	very short
<input type="checkbox"/> Plant: width	medium	medium
<input checked="" type="checkbox"/> Plant: density	dense	sparse to medium
<input checked="" type="checkbox"/> Stem: attitude	erect	horizontal
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	absent or very weak	strong
<input checked="" type="checkbox"/> Stem: colour	greenish	reddish
<input checked="" type="checkbox"/> Stem: length of internode (midway between base and first flowering node)	long	medium
<input type="checkbox"/> Leaf: length (midway between base and first flowering node)	medium	short to medium
<input type="checkbox"/> Leaf: width (midway between base and first flowering node)	medium	narrow to medium
<input type="checkbox"/> Leaf: texture	soft	medium
<input checked="" type="checkbox"/> Leaf: shape	spathulate	ovate
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input checked="" type="checkbox"/> Leaf: shape of base	attenuate	cuneate
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	absent or very slight	medium
<input checked="" type="checkbox"/> Leaf: glossiness of lower side	absent or very slight	slight
<input type="checkbox"/> Leaf: degree of hairiness of lower side	weak to medium	very weak to weak
<input type="checkbox"/> Leaf: incision of margin	present	present

<input checked="" type="checkbox"/> Leaf: depth of incision of margin	shallow	medium
<input checked="" type="checkbox"/> Leaf: type of incision of margin	dentate	crenate
<input type="checkbox"/> Leaf: undulation of margin	weak	absent or very weak
<input type="checkbox"/> Leaf: colour of lower side (RHS colour chart)	Yellow-Green 146B	yellow-green 146A
<input type="checkbox"/> Leaf: colour of upper side (RHS colour chart)	Green 137B	green 137A
<input type="checkbox"/> Corolla: diameter (width of fan)	medium	small to medium
<input type="checkbox"/> Corolla: main colour	purple	purple
<input type="checkbox"/> Corolla: stripes on petals (upper side)	present	present
<input type="checkbox"/> Corolla: stripes on petals (lower side)	present	present
<input type="checkbox"/> Petal: length	medium	short to medium
<input type="checkbox"/> Petal: width	medium	medium
<input type="checkbox"/> Petal: overlapping of bases	absent or very slight	absent or very slight
<input type="checkbox"/> Petal: main colour of middle zone (upper side) (RHS colour chart)	Violet 86C	violet 86B
<input type="checkbox"/> Petal: main colour of margin (upper side) (RHS colour chart)	Violet 86C	violet 86B
<input type="checkbox"/> Petal: main colour of middle zone (lower side) (RHS colour chart)	Violet 86D	violet 85A
<input type="checkbox"/> Petal: main colour of margin (lower side) (RHS colour chart)	Violet 86D	violet 85A
<input type="checkbox"/> Petal: throat colour	yellow-green	yellow-green
<input type="checkbox"/> Petal: size of eye on upper side	small to medium	small
<input type="checkbox"/> Petal: colour of eye on upper side	white	white
<input type="checkbox"/> Indusium: colour	white	white
<input type="checkbox"/> Indusium: degree of hairiness	strong	strong

### **Prior Applications and Sales**

Nil

First sold in Australia July 2007.

Description: **Megan Bartley**, Ramm Botanicals Pty Ltd, Tuggerah, NSW.

<b>Details of Application</b>		
<b>Application Number</b>	2008/214	
<b>Variety Name</b>	'Scacrawl'	
<b>Genus Species</b>	<i>Scaevola aemula</i>	
<b>Common Name</b>	Fanflower	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	27 Jan 2010	
<b>Applicant</b>	NuFlora International Pty Ltd, Macquarie Fields, NSW.	
<b>Agent</b>	Ramm Botanicals Pty Ltd, Tuggerah, NSW.	
<b>Qualified Person</b>	Megan Bartley	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Kangy Angy NSW	
<b>Descriptor</b>	Scaevola PBR SCAE	
<b>Period</b>	July 2013 - January 2014	
<b>Conditions</b>	Cutting derived plants of the Candidate and comparators were potted into 140mm standard black plastic pots. 5g of Osmocote Exact standard was added to the surface of the pot at planting. Plants were transferred to 200mm pots and 20g of Osmocote Exact standard was added to the surface of the potting mix. No supplementary fertiliser was used. Plants were grown in the open in full sun. Potting mix was a general-purpose type based on composted pine bark pH 5.9. Routine pest and disease sprays were carried out. No significant pest or disease was encountered during the trial.	
<b>Trial Design</b>	15 plants each of the candidate and comparators were arranged in a randomised manner.	
<b>Measurements</b>	Observations were taken from 10 randomly selected plants.	
<b>RHS Chart - edition</b>	1995 RHS chart	
<b>Origin and Breeding</b>		
Controlled pollination: 'Scacrawl' was developed as part of a conventional breeding program for Scaevola suited to pot and garden use conducted at Cobbitty NSW. Observations were first made in 2007 and further trial work was carried out at Tuggerah, NSW. 'Scacrawl' was selected for development on the basis of free flowering, highly branched and compact growth habit and the ability to perform well in baskets and as a ground cover. Propagated by soft tip cutting through more than 5 generations. Breeder: Dr Shuming Luo, Dulwich Hill, NSW.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Corolla	main colour	purple
Plant	type	ground cover
Corolla	stripes on petals (upper side)	present
Leaf	shape of apex	acute
Leaf	incision of margin	Present

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>						
Name			Comments			
'Scacover'			'Scacover' known in the trade as "Bushy Blue" is similar in breeding, flower colour and growth habit to 'Scacrawl'.			
'Scasalute'			Known as "Aussie Salute", 'Scasalute' comes from the same breeding program and is similar to 'Scacrawl' in plant type and flower colour.			
<b>Varieties of Common Knowledge identified and subsequently excluded</b>						
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
'New Wonder'	Leaf	length	medium	short		

**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	'Scacrawl'	'Scacover'	'Scasalute'
<input type="checkbox"/> Plant: type	groundcover	groundcover	groundcover
<input checked="" type="checkbox"/> Plant: growth habit	spreading	horizontal	erect
<input checked="" type="checkbox"/> Plant: height	short	very short	medium
<input type="checkbox"/> Plant: width	medium	medium	medium
<input checked="" type="checkbox"/> Plant: density	medium to dense	sparse to medium	dense
<input checked="" type="checkbox"/> Stem: attitude	semi-erect	horizontal	erect
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	medium	strong	weak to medium
<input checked="" type="checkbox"/> Stem: colour	reddish	reddish	greenish
<input checked="" type="checkbox"/> Stem: length of internode (midway between base and first flowering node)	short	medium	long
<input checked="" type="checkbox"/> Leaf: length (midway between base and first flowering node)	short	short to medium	medium
<input type="checkbox"/> Leaf: width (midway between base and first flowering node)	narrow to medium	narrow to medium	medium
<input type="checkbox"/> Leaf: texture	medium	medium	soft
<input checked="" type="checkbox"/> Leaf: shape	spathulate	ovate	spathulate
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input checked="" type="checkbox"/> Leaf: shape of base	attenuate	cuneate	attenuate
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	slight	medium	absent or very slight
<input checked="" type="checkbox"/> Leaf: glossiness of lower side	slight	slight	absent or very slight
<input type="checkbox"/> Leaf: degree of hairiness of lower side	very weak to weak	very weak to weak	very weak to weak

<input type="checkbox"/>	Leaf: incision of margin	present	present	present
<input checked="" type="checkbox"/>	Leaf: depth of incision of margin	shallow	medium	shallow
<input checked="" type="checkbox"/>	Leaf: type of incision of margin	dentate	crenate	dentate
<input type="checkbox"/>	Leaf: undulation of margin	absent or very weak	absent or very weak	weak
<input type="checkbox"/>	Leaf: colour of lower side (RHS colour chart)	yellow-green 146B	yellow-green 146A	yellow-green 146B
<input type="checkbox"/>	Leaf: colour of upper side (RHS colour chart)	green 137B	green 137A	green 137B
<input type="checkbox"/>	Corolla: diameter (width of fan)	small to medium	small to medium	medium
<input type="checkbox"/>	Corolla: main colour	purple	purple	purple
<input type="checkbox"/>	Corolla: stripes on petals (upper side)	present	present	present
<input type="checkbox"/>	Corolla: stripes on petals (lower side)	present	present	present
<input type="checkbox"/>	Petal: length	short to medium	short to medium	medium
<input type="checkbox"/>	Petal: width	medium	medium	medium
<input type="checkbox"/>	Petal: overlapping of bases	absent or very slight	absent or very slight	absent or very slight
<input type="checkbox"/>	Petal: main colour of middle zone (upper side) (RHS colour chart)	violet 86B	violet 86B	violet 86C
<input type="checkbox"/>	Petal: main colour of margin (upper side) (RHS colour chart)	violet 86B	violet 86B	violet 86C
<input type="checkbox"/>	Petal: main colour of middle zone (lower side) (RHS colour chart)	violet 86D	violet 85A	violet 86D
<input type="checkbox"/>	Petal: main colour of margin (lower side) (RHS colour chart)	violet 86D	violet 85A	violet 86D
<input type="checkbox"/>	Petal: throat colour	yellow-green	yellow-green	yellow-green
<input checked="" type="checkbox"/>	Petal: size of eye on upper side	medium	small	small to medium
<input type="checkbox"/>	Petal: colour of eye on upper side	yellow-green	yellow-green	yellow-green
<input type="checkbox"/>	Indusium: colour	white	white	white
<input type="checkbox"/>	Indusium: degree of hairiness	strong	strong	strong

### **Prior Applications and Sales**

Nil

First sold in Australia July 2007.

Description: **Megan Bartley**, Ramm Botanicals Pty Ltd, Tuggerah, NSW.

<b>Details of Application</b>		
<b>Application Number</b>	2013/049	
<b>Variety Name</b>	'Flogazora'	
<b>Genus Species</b>	<i>Gazania rigens</i>	
<b>Common Name</b>	Gazania	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	02 May 2013	
<b>Applicant</b>	Floreta Intellectual Property Pty Ltd as Trustee for the Sundaze Trust, Redland Bay, QLD	
<b>Qualified Person</b>	Dr Kerry Bunker	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Redland Bay, QLD	
<b>Descriptor</b>	National Descriptor for Gazania (PBR GAZA)	
<b>Period</b>	December 2013 to February 2014	
<b>Conditions</b>	Full sun with automatic overhead irrigation. Plants were potted into 205 mm standard containers using soilless media and 6 month slow release fertiliser at the recommended rate.	
<b>Trial Design</b>	Single randomised block containing 15 plants of each of the candidate variety and the nearest variety of common knowledge (VCK)	
<b>Measurements</b>	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.	
<b>RHS Chart - edition</b>	1966	
<b>Origin and Breeding</b>		
<p>Open pollination: In October 2008, the mother plant FLOGAZ 08-069 was planted in an isolated garden bed along with the putative pollen parents proprietary lines; FLOGAZ 08-066, FLOGAZ 08-041; FLOGAZ 08-004, FLOGAZ-A. Open pollinated seed was collected from FLOGAZ 08-069 during December 2008 and sown in January 2009. All germinated seed was grown to maturity. The variety FLOGAZ 09-065 was selected from the seedling trial in March 2009 based on it's striking clear orange two toned blooms, floriferous nature, and tidy plant habit. Pot trials of the variety were then conducted at numerous international locations as well as at Redland Bay, to confirm outstanding performance under differing conditions and covering all stages of plant life including rooting, plant production, flowering time and summer performance in both containers and in-ground. The variety has been vegetatively propagated through 10 generations and no off types have been recorded. Breeder: Dr Kerry Bunker.</p>		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	incision of margin	absent
Ray floret	colour of upper-side	2-tone orange and yellow
Ray floret	colour of basal spot	white
Inflorescence	type	single

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>						
Name			Comments			
'Gazoo Clear Orange'			Closest variety based on the grouping characteristics of; single inflorescence composed of orange ray florets with a white basal spot, few leaves with margin incisions.			
<b>Varieties of Common Knowledge identified and subsequently excluded</b>						
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
'Double Orange'	inflorescence	type	single	double		
'Kiss Orange'	ray floret	colour of basal spot	white	black		
'Day Break Bright Orange'	ray floret	colour of basal spot	white	black		
'Mini-star Tangerine'	leaf	incision of margin	absent	present		
'Orange Magic'	petals	white markings	absent	present		

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

Organ/Plant Part: Context	'Flogazora'	'Gazoo Clear Orange'
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial
<input type="checkbox"/> Plant: growth habit	bushy to spreading	bushy to spreading
<input type="checkbox"/> Plant: height	short	short to medium
<input type="checkbox"/> Plant: width	very narrow to narrow	very narrow to narrow
<input type="checkbox"/> Stem: presence of hairs	absent	absent
<input type="checkbox"/> Stem: degree of hairiness	very low	very low
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	absent
<input type="checkbox"/> Leaf: type	simple	simple
<input type="checkbox"/> Leaf: attitude	erect to semi-erect	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input checked="" type="checkbox"/> Leaf: length of blade	very short to short	medium
<input checked="" type="checkbox"/> Leaf: width of blade	very narrow to narrow	medium
<input type="checkbox"/> Leaf: shape	oblanceolate	oblanceolate
<input type="checkbox"/> Leaf: degree of hairiness of upper side	very weak	very weak
<input type="checkbox"/> Leaf: degree of hairiness of lower side	very strong	very strong



<input checked="" type="checkbox"/> Leaf: shape of apex	acute	obtuse
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input checked="" type="checkbox"/> Leaf: incision of margin	absent	present
<input type="checkbox"/> Leaf: undulation of margin	absent	absent
<input type="checkbox"/> Leaf: shape of cross-section	flat	concave
<input type="checkbox"/> Leaf: curvature of longitudinal axis	recurved	recurved
<input type="checkbox"/> Leaf: glossiness of upper surface (without hair)	medium to strong	medium to strong
<input checked="" type="checkbox"/> Leaf: green colour (RHS)	137A	139A
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Bract: degree of reflex	low to medium	low
<input checked="" type="checkbox"/> Bract: length	short	medium to long
<input type="checkbox"/> Bract: shape of apex	obtuse	obtuse
<input type="checkbox"/> Inflorescence: type	single	single
<input type="checkbox"/> Inflorescence: attitude	erect	erect
<input type="checkbox"/> Inflorescence: diameter	small to medium	medium
<input type="checkbox"/> Inflorescence: fragrance	absent	absent
<input checked="" type="checkbox"/> Inflorescence: length of peduncle	medium	long
<input checked="" type="checkbox"/> Ray floret: colour of upper side (RHS)	28B inner ring, 14A outer ring	28A fading to 24 at the tip
<input type="checkbox"/> Ray floret: colour of basal spot	white	white
<input checked="" type="checkbox"/> Disc floret: colour (RHS)	28B	17A

**Prior Applications: Nil**

First sold in Australia in October 2012

Description: Dr Kerry Bunker, Redland Bay, QLD.

<b>Details of Application</b>	
<b>Application Number</b>	2013/171
<b>Variety Name</b>	'Hokomarevo'
<b>Genus Species</b>	<i>Hydrangea macrophylla</i>
<b>Common Name</b>	Hydrangea
<b>Synonym</b>	Magical Revolution
<b>Accepted Date</b>	20 Dec 2013
<b>Applicant</b>	Kolster Holding B.V. and Santho Beheer B.V. The Netherlands
<b>Agent</b>	Pearce's Nurseries Pty Ltd, McLeans Ridges, NSW
<b>Qualified Person</b>	Ian Paananen

#### **Details of Comparative Trial**

<b>Location</b>	McLeans Ridges, NSW
<b>Descriptor</b>	TG/133/4
<b>Period</b>	Autumn-Summer 2013
<b>Conditions</b>	Trial conducted in open beds, plants propagated from micro-propagation, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers. No pest and disease treatments were required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From 10 plants at random.
<b>RHS Chart - edition</b>	2007

#### **Origin and Breeding**

Spontaneous mutation: 'Xian' syn Magical Opal. The parent is characterised by a tall plant height, broad inflorescence diameter large bract size, large leaf size and pink flower colour. Selection took place in Boskoop, The Netherlands in 2007. Selection criteria: upright habit, strong stems, small leaves, mop-head type inflorescence, durable flowers, pink to green flower colours. Propagation: vegetative micro-propagation were found to be uniform and stable. Breeders: Peter R. Kolster and Cornelis P. Eveleens, The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	type	non climbing
Plant	growth habit	upright
Leaf blade	variegation	absent
Leaf blade	main colour	medium green
Inflorescence	shape	globular
Sterile flower	type	single
Sterile flower	main colour of sepal	pink

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

<b>Name</b>	<b>Comments</b>
'Magical Coral'	

‘Magical Opal’		synonym of the parental variety ‘Xian’		
<b>Varieties of Common Knowledge identified and subsequently excluded</b>				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Hokomac’	Plant: width	narrow	medium	
‘Magical Diamond’	Sterile flower: diameter of calyx	very small to small	medium	

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

Organ/Plant Part: Context	‘Hokomarevo’	‘Magical Coral’	‘Magical Opal’
<input type="checkbox"/> *Plant: type	non-climbing	non-climbing	non-climbing
<input type="checkbox"/> *Plant: growth habit (varieties with plant type: nonclimbing only)	upright	upright	upright
<input checked="" type="checkbox"/> *Plant: natural height including inflorescence (varieties with plant type: nonclimbing only)	very short to short	medium	medium to tall
<input type="checkbox"/> *Stem: fasciation	absent	absent	absent
<input type="checkbox"/> *Stem: colour	green	green	green
<input type="checkbox"/> Stem: lenticels (in autumn)	medium	medium	medium
<input type="checkbox"/> *Stem: colour of lenticels	black	black	black
<input checked="" type="checkbox"/> *Leaf blade: length	short	short	medium to long
<input checked="" type="checkbox"/> Leaf blade: width	narrow to medium	medium	medium to broad
<input type="checkbox"/> *Leaf blade: lobing	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: shape (varieties with leaf blade lobing: absent only)	elliptic	ovate	elliptic
<input checked="" type="checkbox"/> *Leaf blade: length of tip	short	medium	long
<input checked="" type="checkbox"/> Leaf blade: shape of base	obtuse	obtuse	rounded
<input type="checkbox"/> Leaf blade: depth of incisions	medium	medium	medium
<input type="checkbox"/> *Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> *Leaf blade: main colour	medium green	medium green	medium green
<input type="checkbox"/> Leaf blade: glossiness of upper side	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: blistering	weak	weak	weak
<input type="checkbox"/> *Inflorescence: shape	globular	globular	globular
<input checked="" type="checkbox"/> Inflorescence: height	very short to short	medium	medium
<input checked="" type="checkbox"/> Inflorescence: diameter	very small	small to medium	medium
<input type="checkbox"/> *Inflorescence: conspicuousness of fertile flowers	inconspicuous or slightly	inconspicuous or slightly	inconspicuous or slightly

	conspicuous	conspicuous	conspicuous
<input checked="" type="checkbox"/> *Sterile flower: diameter of calyx	very small to small	large	medium to large
<input type="checkbox"/> *Sterile flower: type	single	single	single
<input checked="" type="checkbox"/> Sterile flower: degree of overlapping of sepals	weak	medium	medium
<input type="checkbox"/> *Sterile flower: incisions of margin of sepal	absent on all sepals	present on some sepals	absent on all sepals
<input type="checkbox"/> *Sterile flower: main colour of sepal (RHS Colour Chart)	72C-D	N74D	N74D
<input type="checkbox"/> *Sterile flower: secondary colour of sepal	absent	absent	absent
<input type="checkbox"/> *Time of: beginning of flowering	medium	medium	medium

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	2010	Granted	'Hokomarevo'
EU	2011	Applied	'Hokomarevo'
New Zealand	2012	Applied	'Hokomarevo'

First sold in The Netherlands in Sep 2010.

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

**Details of Application**

<b>Application Number</b>	2012/246
<b>Variety Name</b>	'Achieve'
<b>Genus Species</b>	<i>Lolium multiflorum</i>
<b>Common Name</b>	Italian Ryegrass
<b>Synonym</b>	Activate
<b>Accepted Date</b>	19 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Ryegrass <i>Lolium spp.</i> UPOV TG/4/8
<b>Period</b>	May 2012 – December 2012
<b>Conditions</b>	Planting date: 17 <sup>th</sup> May 2012. Replicates: 10 Sample size: 80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Recurrent phenotypic selection: 'Eclipse'. Surviving plants were selected from a certified seed production paddock of Eclipse one year after the last production. A further selection for herbage yield took place during winter and those plants were transplanted into a poly cross. A second cycle of selection took place the following year on spaced plants, with selected plants transplanted into a polycross. Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	diploid
Plant	vegetative growth	medium to semi-prostrate
Flag leaf	length	medium
Leaf	intensity of green colour	medium
Plant	width	medium

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

<b>Name</b>	<b>Comments</b>
'Eclipse'	seed parent
'Achieve'	
'Diplex II'	
'Hulk'	
'Asteroid'	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
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‘Tabu’	Time of inflorescence emergence	medium	late
‘Crusader’	Time of inflorescence emergence	medium	late
‘Awesome’	Time of inflorescence emergence	medium	late
‘Charger’	Inflorance: No. of spikelets	medium	high
‘Dargle’	Time of inflorescence emergence	medium	late
‘Kano’	Time of inflorescence emergence	medium	late
‘Warrior’	Rust resistance	low	high
‘Sonik’	Time of inflorescence emergence	medium	late

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

<b>Organ/Plant Part: Context</b>	<b>‘Achieve’</b>	<b>‘Asteroid’</b>	<b>‘DiplexII’</b>	<b>‘Eclipse’</b>	<b>‘Hulk’</b>
<input type="checkbox"/> *Plant: ploidy	diploid	diploid	diploid	diploid	diploid
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	medium
<input type="checkbox"/> Leaf: length	medium to long	long	medium	medium	medium to long
<input type="checkbox"/> Leaf: width	broad	narrow	medium	narrow	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: width	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	semi-prostrate
<input checked="" type="checkbox"/> Plant: height	tall	medium	tall	medium	short

<input type="checkbox"/> Plant: tendency to form inflorescences (without vernalisation)	strong	strong	strong	strong	strong
<input checked="" type="checkbox"/> *Plant: time of inflorescence emergence (after vernalisation)	late	medium	early	medium	medium
<input type="checkbox"/> *Flag leaf: length	medium	medium	medium	medium	medium
<input type="checkbox"/> *Flag leaf: width	medium	medium	medium	medium	medium
<input type="checkbox"/> Flag leaf: length/width ratio	low	medium	medium	medium	medium
<input type="checkbox"/> *Plant: length of longest stem (inflorescence included)	long	medium	long	medium	short
<input type="checkbox"/> Plant: length of upper internode	medium	long	long	medium	short
<input checked="" type="checkbox"/> Inflorescence: length	medium	short	medium	long	medium
<input checked="" type="checkbox"/> Inflorescence: density(spikelet no./5cm)	medium	dense	lax to medium	lax	medium
<input type="checkbox"/> Inflorescence: length of outer glume (on basal spikelet)	long	short	long	medium	short
<input type="checkbox"/> Inflorescence: length of basal spikelet (excluding awn)	medium	medium	long	long	short

### Statistical Table

Organ/Plant Part: Context	'Achieve'	'Asteroid'	'DiplexII'	'Eclipse'	'Hulk'
<input type="checkbox"/> Plant: Stem length(cm)					
Mean	104.40	104.40	107.11	102.90	98.83
Std. Deviation	9.13	10.68	9.40	9.28	9.37
Lsd/sig	3.58	ns	ns	ns	P≤0.01
<input type="checkbox"/> Plant: internode length(cm)					
Mean	22.38	22.38	25.99	23.97	20.67
Std. Deviation	4.57	4.31	5.01	4.17	4.05
Lsd/sig	1.97	P≤0.01	P≤0.01	ns	ns
<input type="checkbox"/> Plant: vegetative leaf length(cm)					
Mean	27.25	28.69	26.50	26.73	27.55
Std. Deviation	3.54	4.08	5.18	4.84	4.28
Lsd/sig	1.81	ns	ns	P≤0.01	ns
<input type="checkbox"/> Plant: vegetative leaf width(cm)					
Mean	0.84	0.77	0.83	0.78	0.80
Std. Deviation	0.14	0.17	0.17	0.17	0.19
Lsd/sig	0.07	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Plant: heading date (days from 1 <sup>st</sup> October 2012)					
Mean	44.83	36.47	27.65	39.55	41.67
Std. Deviation	6.09	3.64	6.24	7.12	5.07
Lsd/sig	2.30	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: flag leaf width(cm)					
Mean	0.75	0.89	0.78	0.73	0.73
Std. Deviation	0.15	1.47	0.17	0.15	0.20
Lsd/sig	0.25	ns	ns	ns	ns
<input type="checkbox"/> Plant: flag leaf length(cm)					
Mean	21.86	22.65	23.04	23.49	23.06
Std. Deviation	4.59	4.76	4.61	3.81	3.79

Lsd/sig	1.80	ns	ns	ns	ns
<input type="checkbox"/> Plant: flag leaf length:width ratio					
Mean	29.80	32.87	30.12	33.28	33.16
Std. Deviation	6.55	9.59	6.19	8.38	8.05
Lsd/sig	3.11	ns	ns	P≤0.01	ns
<input type="checkbox"/> Plant: inflorescence length(cm)					
Mean	29.35	31.95	32.92	33.04	32.24
Std. Deviation	4.18	4.92	4.56	4.10	5.13
Lsd/sig	1.75	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Inflorescence: spikelet density (no. of spikelets/5cm)					
Mean	6.45	7.57	5.65	5.32	6.30
Std. Deviation	2.05	7.86	1.68	1.10	1.52
Lsd/sig	1.40	ns	ns	ns	ns
<input type="checkbox"/> Plant: glume length(cm)					
Mean	1.02	0.98	1.07	1.02	0.95
Std. Deviation	0.16	0.19	0.26	0.20	0.18
Lsd/sig	0.078	ns	P≤0.01	ns	ns
<input type="checkbox"/> Plant: spikelet length(cm)					
Mean	1.98	1.97	2.13	2.10	1.95
Std. Deviation	0.32	0.30	0.36	0.29	0.34
Lsd/sig	0.13	ns	P≤0.01	ns	ns

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.



**Details of Application**

<b>Application Number</b>	2012/243
<b>Variety Name</b>	'Amass'
<b>Genus Species</b>	<i>Lolium multiflorum</i>
<b>Common Name</b>	Italian Ryegrass
<b>Synonym</b>	Assert
<b>Accepted Date</b>	19 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Ryegrass <i>Lolium spp.</i> UPOV TG/4/8
<b>Period</b>	May 2012 – December 2012
<b>Conditions</b>	Planting date: 17 <sup>th</sup> May 2012. Replicates: 10 Sample size: 80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Controlled pollination: 'Feast II' x 'Nourish'. Diallel crosses were performed between Feast II and Nourish genotypes. Progeny of these crosses was evaluated as spaced plants for 2 generations and the 7 plants were selected and polycrossed in isolation to make the new synthetic. Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	tetraploid
Plant	vegetative growth	semi-prostrate
Plant	tendency to form inflorescences	weak
Plant	width	medium
Leaf	intensity of green colour	dark

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

<b>Name</b>	<b>Comments</b>
'Feast II'	seed parent
'Nourish'	pollen parent
'Jeanne'	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Emmers on''	Leaf width	medium	very broad	

'Denver'	Time of inflorescence emergence	medium	late to very late
		medium	late
'Aston'	Leaf width	medium	very broad

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

<b>Organ/Plant Part: Context</b>	<b>'Amass'</b>	<b>'FeastII'</b>	<b>'Jeanne'</b>	<b>'Nourish'</b>
<input type="checkbox"/> *Plant: ploidy	tetraploid	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	semi-prostrate	semi-prostrate	semi-prostrate	semi-prostrate
<input type="checkbox"/> Leaf: length	medium to long	medium to long	long	medium to long
<input type="checkbox"/> Leaf: width	medium	medium	broad	medium
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark	dark	dark
<input type="checkbox"/> Plant: width	medium to wide	medium to wide	medium to wide	medium to wide
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate
<input type="checkbox"/> Plant: height	tall	medium to tall	medium to tall	medium to tall
<input type="checkbox"/> Plant: tendency to form inflorescences (without vernalisation)	weak	weak	weak	weak
<input type="checkbox"/> *Plant: time of inflorescence emergence (after vernalisation)	medium	late	late	late
<input type="checkbox"/> Plant: natural height at inflorescence emergence	tall	medium to tall	medium to tall	medium to tall
<input type="checkbox"/> Plant: width at inflorescence emergence	medium	medium	medium	medium
<input type="checkbox"/> *Flag leaf: length	long	medium	long	medium
<input type="checkbox"/> *Flag leaf: width	narrow to medium	medium	broad	medium
<input type="checkbox"/> Flag leaf: length/width ratio	high	medium	low	medium
<input type="checkbox"/> *Plant: length of longest stem (inflorescence included)	long	medium	long	medium
<input type="checkbox"/> Plant: length of upper internode	long	medium	medium	medium
<input type="checkbox"/> Inflorescence: length	long	medium	medium	medium
<input type="checkbox"/> Inflorescence: density	lax	medium	dense	medium
<input type="checkbox"/> Inflorescence: length of outer glume (on basal spikelet)	medium	medium	short	long
<input type="checkbox"/> Inflorescence: length of basal spikelet (excluding awn)	medium	medium	medium	medium

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Amass'</b>	<b>'Feast II'</b>	<b>'Jeanne'</b>	<b>'Nourish'</b>
<input type="checkbox"/> Plant: heading date(days from 1 <sup>st</sup> October 2012)				
Mean	43.73	45.55	44.75	45.90
Std. Deviation	4.73	5.29	3.59	4.84
Lsd/sig	1.89	ns	ns	P≤0.01
<input type="checkbox"/> Vegetative leaf: length(cm)				
Mean	30.32	28.46	33.40	29.76
Std. Deviation	5.42	5.09	4.66	4.92
Lsd/sig	1.95	ns	P≤0.01	ns
<input type="checkbox"/> Vegetative leaf: width(cm)				
Mean	0.76	0.82	1.10	0.76
Std. Deviation	0.21	0.14	0.13	0.21
Lsd/sig	0.07	ns	P≤0.01	ns
<input type="checkbox"/> Stem: length(cm)				
Mean	101.26	98.63	100.03	98.48
Std. Deviation	8.84	9.34	7.72	8.56
Lsd/sig	3.48	ns	ns	ns
<input type="checkbox"/> Flag leaf: width(cm)				
Mean	0.71	0.75	0.96	0.74
Std. Deviation	0.20	0.16	0.17	0.20
Lsd/sig	0.08	ns	P≤0.01	ns
<input type="checkbox"/> Flag leaf: length(cm)				
Mean	23.85	22.81	24.87	22.67
Std. Deviation	4.42	4.96	4.58	5.87
Lsd/sig	2.08	ns	ns	ns
Flag leaf: length/width				
Mean	36.26	30.95	26.42	32.59
Std. Deviation	11.17	7.30	3.08	11.19
Lsd/sig	3.66	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Internode: length(cm)				
Mean	30.29	21.89	22.07	24.66
Std. Deviation	6.49	4.06	3.08	7.69
Lsd/sig	2.02	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length(cm)				
Mean	36.90	33.06	34.47	34.13
Std. Deviation	4.49	4.91	4.67	5.48
Lsd/sig	2.06	P≤0.01	P≤0.01	P≤0.01
Inflorescence: spikelet density				
Mean	3.92	5.27	6.60	5.28
Std. Deviation	1.03	1.27	1.29	1.18
Lsd/sig	0.51	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Glume: length(cm)				
Mean	1.02	1.00	0.78	1.16
Std. Deviation	0.23	0.15	0.16	1.06
Lsd/sig	0.22	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Spiklet: length(cm)				

Mean	1.94	1.93	1.93	1.87
Std. Deviation	0.37	0.34	0.36	0.31
Lsd/sig	0.14	ns	ns	ns

**Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.

**Details of Application**

<b>Application Number</b>	2012/242
<b>Variety Name</b>	'Asteroid'
<b>Genus Species</b>	<i>Lolium multiflorum</i>
<b>Common Name</b>	Italian Ryegrass
<b>Synonym</b>	Dinki Di
<b>Accepted Date</b>	19 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Ryegrass <i>Lolium spp.</i> UPOV TG/4/8
<b>Period</b>	May 2012 – December 2012
<b>Conditions</b>	Planting date: 17 <sup>th</sup> May 2012. Replicates: 10 Sample size: 80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Recurrent phenotypic selection: 'Eclipse'. Selection of genotypes from spaced plants for emergence vigour/seasonal growth/herbage yield/ disease resistance. Three generations of selection to develop a synthetic from a polycross between 11 selected genotypes. Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	diploid
Plant	vegetative growth	medium to semi-prostrate
Plant	tendency to form inflorescences	strong
Plant	width	medium
Leaf	intensity of green colour	medium

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

<b>Name</b>	<b>Comments</b>
'Eclipse'	seed parent
'Achieve'	
'Diplex II'	
'Hulk'	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Tabu'	Time of	medium	late	

	inflorescence emergence		
‘Crusader’	Time of inflorescence emergence	medium	late
‘Advance’	Time of inflorescence emergence	medium	late
‘Charger’	Inflorescence: No. of spikelets	medium	high
‘Dargle’	Time of inflorescence emergence	medium	late
‘Kano’	Time of inflorescence emergence	medium	late
‘Warrior’	Rust resistance	low	medium
‘Sonik’	Time of inflorescence emergence	medium	late

**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	‘Asteroid’	‘Achieve’	‘DiplexII’	‘Eclipse’	‘Hulk’
<input type="checkbox"/> *Plant: ploidy	diploid	diploid	diploid	diploid	diploid
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate
<input type="checkbox"/> Leaf: length	long	medium to long	medium	medium	medium to long
<input type="checkbox"/> Leaf: width	narrow	broad	medium	narrow	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: width	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate
<input checked="" type="checkbox"/> Plant: height	medium	tall	tall	medium	short
<input type="checkbox"/> Plant: tendency to form inflorescences	strong	strong	strong	strong	strong

(without vernalisation)

<input checked="" type="checkbox"/> *Plant: time of inflorescence emergence	medium	late	early	medium	medium
(after vernalisation)					
<input type="checkbox"/> *Flag leaf: length	medium	medium	medium	medium	medium
<input type="checkbox"/> *Flag leaf: width	medium	medium	medium	medium	medium
<input type="checkbox"/> Flag leaf: length/width ratio	medium	low	medium	medium	medium
<input type="checkbox"/> *Plant: length of longest stem (inflorescence included)	medium	long	long	medium	short
<input type="checkbox"/> Plant: length of upper internode	long	medium	long	medium	short
<input checked="" type="checkbox"/> Inflorescence: length	short	medium	medium	long	medium
<input checked="" type="checkbox"/> Inflorescence: density(spikelet no./5cm)	dense	medium	lax to medium	lax	medium
<input type="checkbox"/> Inflorescence: length of outer glume (on basal spikelet)	short	long	long	medium	short
<input type="checkbox"/> Inflorescence: length of basal spikelet (excluding awn)	medium	medium	long	long	short

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Asteroid’ ‘Achieve’ ‘DiplexII’ ‘Eclipse’ ‘Hulk’</b>				
<input type="checkbox"/> Plant: stem length(cm)					
Mean	102.20	104.40	107.11	102.90	98.83
Std. Deviation	10.68	9.13	9.40	9.28	9.37
Lsd/sig	3.58	ns	P≤0.01	ns	ns
<input type="checkbox"/> Plant: internode length(cm)					
Mean	24.73	22.38	25.99	23.97	20.67
Std. Deviation	4.31	4.57	5.01	4.17	4.05
Lsd/sig	1.97	P≤0.01	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: vegetative leaf length(cm)					
Mean	28.69	27.25	26.50	26.73	27.55
Std. Deviation	4.08	3.54	5.18	4.84	4.28
Lsd/sig	1.81	ns	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Plant: vegetative leaf width(cm)					
Mean	0.77	0.84	0.83	0.78	0.80
Std. Deviation	0.17	0.14	0.17	0.17	0.19
Lsd/sig	0.07	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Plant: heading date (days from 1 <sup>st</sup> October 2012)					
Mean	36.47	44.83	27.65	39.55	41.67
Std. Deviation	3.64	6.09	6.24	7.12	5.07
Lsd/sig	2.30	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: flag leaf width(cm)					
Mean	0.89	0.75	0.78	0.73	0.73
Std. Deviation	1.47	0.15	0.17	0.15	0.20
Lsd/sig	0.25	ns	ns	ns	ns
<input checked="" type="checkbox"/> Plant: flag leaf length(cm)					
Mean	22.65	21.86	23.04	23.49	23.06
Std. Deviation	4.76	4.59	4.61	3.81	3.79
Lsd/sig	1.80	ns	ns	ns	ns

<input checked="" type="checkbox"/> Plant: flag leaf length/width ratio					
Mean	32.87	29.80	30.12	33.28	33.16
Std. Deviation	9.59	6.55	6.19	8.38	8.05
Lsd/sig	3.11	ns	ns	ns	ns
<input type="checkbox"/> Plant: inflorescence length(cm)					
Mean	29.35	31.95	32.92	33.04	32.24
Std. Deviation	4.18	4.92	4.56	4.10	5.13
Lsd/sig	1.75	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Inflorescence: spikelet density (no. of spikelets/5cm)					
Mean	7.57	6.45	5.65	5.32	6.30
Std. Deviation	7.86	2.05	1.68	1.10	1.52
Lsd/sig	1.40	ns	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Spikelet: glume length(cm)					
Mean	0.98	1.02	1.07	1.02	0.95
Std. Deviation	0.19	0.16	0.26	0.20	0.18
Lsd/sig	0.078	ns	P≤0.01	ns	ns
<input type="checkbox"/> Inflorescence: spikelet length(cm)					
Mean	1.97	1.98	2.13	2.10	1.95
Std. Deviation	0.30	0.32	0.36	0.29	0.34
Lsd/sig	0.13	ns	P≤0.01	P≤0.01	ns

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.



<b>Details of Application</b>	
<b>Application Number</b>	2011/085
<b>Variety Name</b>	'Multired 54'
<b>Genus Species</b>	<i>Lactuca sativa</i>
<b>Common Name</b>	Lettuce
<b>Synonym</b>	Nil
<b>Accepted Date</b>	06 Jun 2011
<b>Applicant</b>	Nunhems B.V., Haelen, The Netherlands
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	John Oates

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Naktuinbouw, The Netherlands
<b>Overseas Data Reference Number</b>	SLA02969
<b>Location</b>	Naktuinbouw, Roelofarendsveen, NL
<b>Descriptor</b>	Lettuce ( <i>Lactuca sativa</i> ) TG 13/10
<b>Period</b>	2012
<b>RHS Chart - edition</b>	n/a

**Origin and Breeding**

Controlled pollination: After the cross was made between Nunhems breeding lines 71030357 and 71035102, a number of F1 plants were self-pollinated. From the second to the fourth generation pedigree selection was performed. From the fifth to the sixth generation pedigree selection was performed. Num 09054 was selected for the following characters: several disease resistances, anthocyanin colour: present, leaf thickness: thin. Breeder: Nunhems B.V., The Netherlands

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Seed	colour	black
Leaf	anthocyanin colour	present
Plant	Time of beginning of bolting (long day conditions)	medium to late
Plant	resistance to <i>Bremia lactucae</i> race 16	present

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

<b>Name</b>	<b>Comments</b>
'Multired 3'	

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

<b>Organ/Plant Part: Context</b>	<b>'Multired 54'</b>	<b>'Multired 3'</b>
<input type="checkbox"/> *Seed: colour	black	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	erect to semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	divided	divided
<input type="checkbox"/> *Plant: diameter	small	small to medium
<input type="checkbox"/> *Plant: head formation	no head	no head
<input type="checkbox"/> Leaf: thickness	thin	thin
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: shape	transverse broad elliptic	transverse broad elliptic
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	reddish	reddish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	very dark	very dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: intensity of anthocyanin colouration	very strong	very strong
<input type="checkbox"/> Leaf: distribution of anthocyanin	entire	localised
<input type="checkbox"/> Leaf: kind of anthocyanin distribution	diffused and in spots	diffused only
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium to strong
<input type="checkbox"/> *Leaf: blistering	absent or very weak	weak
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	strong	strong
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	medium	shallow to medium
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	dense	medium to dense
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak	absent or very weak
<input type="checkbox"/> Time of: harvest maturity	early to medium	medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	medium to late	late
<input checked="" type="checkbox"/> Plant: fasciation	absent	present
<input checked="" type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:2	present	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:5	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:7	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate	present	present

Bl:12		
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:14	present	present
<input type="checkbox"/> *Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:16	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:17	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:18	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:20	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:21	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:22	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:23	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:24	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:25	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:26	present	-
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:27	present	-
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:15	present	present
<input checked="" type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	present	absent
<input checked="" type="checkbox"/> Resistance to: Nasonovia ribisnigri biotype Nr:0	present	absent

#### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Multired 54'</b>	<b>'Multired 3'</b>
<input type="checkbox"/> Resistance: Bl:1,4,6,10,13	present	-

#### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2011	Granted	'Multired 54'
The Netherlands	2011	Granted	'Multired 54'

First sold in Finland in April 201.

Description: **John Oates**, Tura Beach, NSW

<b>Details of Application</b>	
<b>Application Number</b>	2010/168
<b>Variety Name</b>	'Intred'
<b>Genus Species</b>	<i>Lactuca sativa</i>
<b>Common Name</b>	Lettuce
<b>Synonym</b>	Nil
<b>Accepted Date</b>	18 Aug 2010
<b>Applicant</b>	Nunhems B.V., Haelen, The Netherlands
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	John Oates

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Naktuinbouw, The Netherlands
<b>Overseas Data Reference Number</b>	SLA02876
<b>Location</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Descriptor</b>	UPOV TG 13/10
<b>Period</b>	2011-2013
<b>RHS Chart - edition</b>	n/a

**Origin and Breeding**

Controlled pollination: The variety 'Cornet' was pollinated by the Nunhems non-commercial breeding line 71995861. A number of F1 plants were self-pollinated and from the second to the fifth generation pedigree selection was performed. From the sixth to the eighth generation line selection was performed. Selection criteria: outer leaves anthocyanin colouration, head shape, growth vigour, disease resistance to *Bremia lactucae*. Breeder: Nunhems B.V.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	grasse
Plant	Resistance to <i>Bremia lactucae</i> race 16	absent
Leaf	anthocyanin colour	present

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

Name	Comments
'Rosgem'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sucrine'	leaf	anthocyanin colouration	present	absent	
'Sucrine'	Seedling	anthocyanin colouration	present	absent	

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

<b>Organ/Plant Part: Context</b>	<b>'Intred'</b>	<b>'Rosgem'</b>
<input checked="" type="checkbox"/> *Seed: colour	white	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Seedling: shape of cotyledon	medium elliptic	broad elliptic
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	entire	entire
<input type="checkbox"/> *Plant: diameter	very small to small	small to medium
<input type="checkbox"/> *Plant: head formation	closed head	closed head
<input type="checkbox"/> Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	weak to medium	weak to medium
<input type="checkbox"/> Head: density	medium	dense
<input type="checkbox"/> Head: size	small	small
<input type="checkbox"/> *Head: shape in longitudinal section	narrow elliptic	circular
<input type="checkbox"/> Leaf: thickness	thin to medium	medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect to horizontal	semi-erect
<input type="checkbox"/> *Leaf: shape	broad obtrullate	broad elliptic
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	reddish	reddish-brownish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	dark to very dark	medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> *Leaf: intensity of anthocyanin colouration	strong to very strong	medium
<input type="checkbox"/> Leaf: distribution of anthocyanin	entire	localised
<input type="checkbox"/> Leaf: kind of anthocyanin distribution	diffused and in spots	diffused and in spots
<input type="checkbox"/> Leaf: glossiness of upper side	weak to medium	weak to medium
<input type="checkbox"/> *Leaf: blistering	very weak to weak	weak
<input type="checkbox"/> Leaf: size of blisters	very small to small	medium
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	absent	absent
<input type="checkbox"/> Leaf blade: venation	not flabellate	not flabellate
<input type="checkbox"/> Axillary: sprouting	weak to medium	very weak to weak
<input type="checkbox"/> Time of: harvest maturity	medium	medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	late	late to very late
<input type="checkbox"/> Plant: fasciation	present	present

<input checked="" type="checkbox"/> Plant: intensity of fasciation	medium	very weak
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:20	absent	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:21	absent	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:22	absent	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:23	absent	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:24	absent	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:25	absent	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI: 26	absent	absent
<input type="checkbox"/> *Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:16	absent	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:5	-	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:7	present	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:12	present	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:15	not observed	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:17	present	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:18	present	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:27	present	absent
<input type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	absent	present

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
The Netherland	2010	Granted	'Intred'
EU	2011	Granted	'Intred'
New Zealand	2010	Granted	'Intred'
South Africa	2010	Granted	'Intred'

Prior Sale: Nil

Description: **John Oates**, Tura Beach, NSW

<b>Details of Application</b>		
<b>Application Number</b>	2012/117	
<b>Variety Name</b>	'MESTIZA'	
<b>Genus Species</b>	<i>Lactuca sativa</i>	
<b>Common Name</b>	Lettuce	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	29 Jan 2013	
<b>Applicant</b>	Nunhems B.V., Haelen, The Netherlands	
<b>Agent</b>	Shelston IP, Sydney, NSW	
<b>Qualified Person</b>	John Oates	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	Naktuinbouw, The Netherlands	
<b>Overseas Data Reference Number</b>	SLA02992	
<b>Location</b>	Naktuinbouw, The Netherlands	
<b>Descriptor</b>	Lettuce ( <i>Lactuca sativa</i> ) TG 13/10	
<b>Period</b>	2011-2012	
<b>Measurements</b>	As according UPOV test guideline	
<b>RHS Chart - edition</b>	n/a	
<b>Origin and Breeding</b>		
Controlled pollination: The female parent, 'Winterhaven' was pollinated by the Nunhems B.V. breeding line '71991099'. 'Winterhaven' is characterised as Nil resistance to <i>Bremia lactucae</i> . The male parent '71991099' is resistant to <i>Nasonovia ribisnigri</i> biotype Nr 0. A number of subsequent F1 plants were self-pollinated. From the second to the sixth generation pedigree selection was performed. From the seventh to the tenth generation line selection was performed. After nine cycles the line NUM 01104LTL was selected. Breeder: Nunhems B.V., The Netherlands.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	anthocyanin colouration	absent
Seed	colour	black
Plant	type	crisp
Plant	time of beginning of bolting	very late
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Pinatar'		
'Templin'		
'Vanguardia'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Winterhaven'	Downy Mildew	resistance	present	absent	
'Titanic'	Head	size	very large	small to medium	
'Esky'	Head	size	very large	medium	
'Lagunas'	Head	size	very large	medium	
'Barcelona'	Plant	time to bolting	late to very late	early to medium	
'Cartaganas'	Head	size	very large	medium to large	
'Zoliva'	Head	size	very large	large	

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

<b>Organ/Plant Part: Context</b>	<b>'MESTIZA'</b>	<b>'Pinatar'</b>	<b>'Templin'</b>	<b>'Vanguardia'</b>
<input type="checkbox"/> *Seed: colour	black	black	black	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent	absent	absent
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	entire	entire	entire	entire
<input type="checkbox"/> *Plant: diameter	very large	large	large to very large	very large
<input type="checkbox"/> *Plant: head formation	closed head	closed head	closed head	closed head
<input type="checkbox"/> Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	very strong	very strong	very strong	very strong
<input type="checkbox"/> Head: density	very dense	very dense	very dense	very dense
<input checked="" type="checkbox"/> Head: size	very large	medium to large	large	very large
<input type="checkbox"/> *Head: shape in longitudinal section	circular	circular	broad elliptic	circular
<input type="checkbox"/> Leaf: thickness	thick	medium to thick	medium to thick	thick
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect to horizontal	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: shape	transverse broad elliptic	transverse narrow elliptic	transverse broad elliptic	transverse broad elliptic
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Leaf: intensity of colour of outer leaves	light to medium	medium to dark	medium to dark	light to medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak to	weak to	weak



		medium	medium	
<input checked="" type="checkbox"/> *Leaf: blistering	weak to medium	weak to medium	medium	medium to strong
<input type="checkbox"/> Leaf: size of blisters	small	small to medium	small	small
<input checked="" type="checkbox"/> *Leaf blade: degree of undulation of margin	weak	medium	medium	weak
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present	present	present
<input checked="" type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	very shallow to shallow	medium	medium	very shallow to shallow
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	medium	medium	sparse to medium	medium
<input checked="" type="checkbox"/> Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	sinuate	dentate	-	sinuate
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak	weak	very weak to weak	absent or very weak
<input type="checkbox"/> Time of: harvest maturity	medium to late	late	late	medium to late
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	very late	very late	very late
<input type="checkbox"/> Plant: fasciation	present	present	present	present
<input type="checkbox"/> Plant: intensity of fasciation	very weak to weak	very weak	very weak to weak	very weak to weak
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:2	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:5	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:7	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:12	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:14	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:15	present	present	present	present
<input type="checkbox"/> *Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:16	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:17	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:18	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia</i>	present	present	present	present

<i>lactucae</i> ) Isolate Bl:20				
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:21	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:22	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:23	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:24	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:25	present	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl: 26	present	-	present	present
<input type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	absent	absent	absent	absent
<input checked="" type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> biotype Nr:0	absent	-	present	-

<b>Characteristics Additional to the Descriptor/TG</b>				
<b>Organ/Plant Part: Context</b>	<b>'MESTIZA'</b>	<b>'Pinatar'</b>	<b>'Templin'</b>	<b>'Vanguardia'</b>
<input type="checkbox"/> Resistance: Bl:1,4,6,10,13	present	-	-	-
<input type="checkbox"/> Resistance to Downy Mildew: Isolate Bl:1	present	present	-	present
<input type="checkbox"/> Resistance to Downy Mildew: Isolate Bl:4	present	present	-	present
<input type="checkbox"/> Resistance Downy Mildew: Isolate Bl:6	present	present	-	present
<input type="checkbox"/> Resistance Downy Mildew: Isolate Bl:10	present	present	-	present
<input type="checkbox"/> Resistance to Downy Mildew: Isolate Bl:13	present	present	-	present
<input type="checkbox"/> Resistance to Downy Mildew: Isolate Bl:26	present	present	-	present

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
The Netherlands	2011	Granted	'MESTIZA'
EU	2012	Granted	'MESTIZA'

First sold in Spain in July in 2011 and in Australia in March 2012.

Description: **John Oates**, Tura Beach, NSW

<b>Details of Application</b>	
<b>Application Number</b>	2013/096
<b>Variety Name</b>	'Flambine'
<b>Genus Species</b>	<i>Lactuca sativa</i>
<b>Common Name</b>	Lettuce
<b>Synonym</b>	Nil
<b>Accepted Date</b>	17 May 2013
<b>Applicant</b>	Vilmorin, La Menitre, France
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	John Oates

#### **Details of Comparative Trial**

<b>Overseas Testing Authority</b>	GEVES France
<b>Overseas Data Reference Number</b>	4049167
<b>Location</b>	Brion et Cavaillon, France
<b>Descriptor</b>	UPOV TG 13/10
<b>Period</b>	2012
<b>RHS Chart - edition</b>	N/A

#### **Origin and Breeding**

Controlled pollination: The female parent 06/50052 was pollinated by 06/8314 in 2006. Both parents were Vilmorin non-commercial breeding lines. Screening and selection took place from F2 to F5 in France and Chile where final production of Flambine was conducted in 2009. Selection criteria: *Bremia* resistance; Nasonovia resistance; head shape; anthocyanin. Breeder: Vilmorin SA.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Seed	colour	black
Leaf	anthocyanin	present
Plant	time of beginning of bolting	medium
Head	formation	open head

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

<b>Name</b>	<b>Comments</b>
'Bellino'	
'Gourmandine'	

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

<b>Organ/Plant Part: Context</b>	<b>'Flambine'</b>	<b>'Bellino'</b>	<b>'Gourmandine'</b>
<input type="checkbox"/> *Seed: colour	black	black	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present	present
<input type="checkbox"/> Seedling: size of cotyledon	medium to large	medium to large	medium to large
<input type="checkbox"/> Seedling: shape of cotyledon	medium elliptic	medium elliptic	medium elliptic
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	prostrate	prostrate	prostrate
<input type="checkbox"/> Leaf blade: division	lobed	lobed	lobed
<input checked="" type="checkbox"/> *Plant: diameter	very large	large to very large	medium
<input type="checkbox"/> *Plant: head formation	open head	open head	open head
<input type="checkbox"/> Head: density	dense	dense	dense
<input checked="" type="checkbox"/> Head: size	large	large	medium
<input type="checkbox"/> *Head: shape in longitudinal section	broad elliptic	broad elliptic	broad elliptic
<input type="checkbox"/> Leaf: thickness	very thin to thin	very thin to thin	very thin to thin
<input type="checkbox"/> Leaf: attitude at harvest maturity	horizontal	horizontal	horizontal
<input type="checkbox"/> *Leaf: shape	circular	circular	circular
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	reddish	reddish	reddish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	medium	medium	medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present	present
<input type="checkbox"/> *Leaf: intensity of anthocyanin colouration	medium to strong	medium	medium to strong
<input type="checkbox"/> Leaf: distribution of anthocyanin	entire	entire	entire
<input type="checkbox"/> Leaf: kind of anthocyanin distribution	diffused only	diffused only	diffused only
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium	medium
<input type="checkbox"/> *Leaf: blistering	weak	weak	weak
<input type="checkbox"/> Leaf: size of blisters	small	small	small
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	strong	strong	strong
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	very shallow	very shallow	very shallow
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	sparse	sparse	sparse
<input type="checkbox"/> Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	dentate	dentate	dentate
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	very strong	very strong	strong

<input type="checkbox"/> Time of: harvest maturity	medium	medium	medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	medium	medium	medium
<input type="checkbox"/> Plant: height	very short	very short	very short
<input type="checkbox"/> Plant: fasciation	present	present	present
<input type="checkbox"/> Plant: intensity of fasciation	strong to very strong	strong to very strong	strong to very strong
<input type="checkbox"/> *Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:16	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:18	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:20	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:21	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:22	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:23	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:24	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:25	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI: 26	present	present	Present
<input checked="" type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:27	present	absent	absent
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> biotype Nr:0	present	present	Present

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2011	Granted	'Flambine'

First sold in France in Dec 2011 and in Australia in Nov 2012.

Description: **John Oates**, Tura Beach, NSW.

<b>Details of Application</b>		
<b>Application Number</b>	2013/295	
<b>Variety Name</b>	'Multiblond 56'	
<b>Genus Species</b>	<i>Lactuca sativa</i>	
<b>Common Name</b>	Lettuce	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	22 Nov 2013	
<b>Applicant</b>	Nunhems B.V., Haelen, The Netherlands	
<b>Agent</b>	Shelston IP, Sydney, NSW	
<b>Qualified Person</b>	John Oates	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	Naktuinbouw, The Netherlands	
<b>Overseas Data Reference Number</b>	SLA03023	
<b>Location</b>	Roelofarendsveen, The Netherlands	
<b>Descriptor</b>	Lettuce ( <i>Lactuca sativa</i> ) TG 13/10	
<b>Period</b>	2012	
<b>RHS Chart - edition</b>	n/a	
<b>Origin and Breeding</b>		
<p>Controlled Pollination: The cross was made between the Nunhems Breeding lines 71981246 and 71991303. A number of F1 plants were self-pollinated. From the second to the sixth generation pedigree selection was performed. From the seventh to the ninth generation line selection was performed. 'Multiblond 56' was selected in the 6th generation (Breeder's Ref No. NUM 09056 LTL and has been stable, uniform and free of off-types at different locations and during seed increase. Selection criteria: plant: shape; leaf: shape; growth vigour; bolting: resistance; resistance downy mildew: present; resistance <i>Nasonovia ribisnigri</i>: present. Breeder: Nunhems B.V., The Netherlands</p>		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Seed	colour	black
Plant	time of beginning of bolting long days	very late
Plant	resistance to <i>Bremia lactucae</i> race16	present
Leaf	anthocyanin colouration	absent
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Multiblond 3'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Explore'	seed	colour	black	white	

**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	'Multiblond 56'	'Multiblond 3'
<input type="checkbox"/> *Seed: colour	black	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	divided	divided
<input checked="" type="checkbox"/> *Plant: diameter	small to medium	very small to small
<input type="checkbox"/> *Plant: head formation	no head	no head
<input type="checkbox"/> Leaf: thickness	thin	thin
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: shape	transverse broad elliptic	transverse broad elliptic
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	absent	absent
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	medium	medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	very weak to weak	very weak to weak
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	strong	strong
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	medium	medium
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	dense	medium to dense
<input type="checkbox"/> Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	dentate	dentate
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak	very weak to weak
<input type="checkbox"/> Time of: harvest maturity	medium	medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	very late
<input type="checkbox"/> Plant: fasciation	present	present
<input checked="" type="checkbox"/> Plant: intensity of fasciation	very strong	very weak to weak
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:2	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:5	present	present

<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:7	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:12	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:14	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:15	present	present
<input type="checkbox"/> *Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:16	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:17	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:18	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:20	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:21	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:22	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:23	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:24	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:25	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:26	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate Bl:27	present	-
<input type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	present	present
<input type="checkbox"/> Resistance to: Nasonovia ribisnigri biotype Nr:0	present	present

#### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Multiblond 56'</b>	<b>'Multiblond 3'</b>
<input type="checkbox"/> Resistance: Bl:1,4,6,10,13	present	present

#### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
The Netherlands	2011	Granted	'Multiblond 56'
EU	2012	Granted	'Multiblond 56'

First sold in Spain in Nov 2011 and in Australia in Aug 2013.

Description: **John Oates**, Tura Beach, NSW



<b>Details of Application</b>	
<b>Application Number</b>	2013/179
<b>Variety Name</b>	'Cosbee'
<b>Genus Species</b>	<i>Lactuca sativa</i>
<b>Common Name</b>	Lettuce
<b>Synonym</b>	Nil
<b>Accepted Date</b>	12 Sep 2013
<b>Applicant</b>	Nunhems B.V., Haelen, The Netherlands
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	John Oates

**Details of Comparative Trial**

<b>Location</b>	Crawfords Road, Werribee, South Victoria
<b>Descriptor</b>	TG/13/10 Rev.
<b>Period</b>	14 Dec 2013 -20 Jan 2014
<b>Conditions</b>	Field Transplanted, raised beds, overhead irrigation
<b>Trial Design</b>	plants selected at random in commercial crop
<b>Measurements</b>	Plant diameter, height. Leaf largest width, length
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

Controlled pollination: The cross was made between TINTIN and Nunhems Breeding line 71010643. A number of F1 plants were self-pollinated. From the second to the sixth generation pedigree selection was performed. From the seventh to the eighth generation line selection was performed. Selection criteria: head shape; leaf colour; resistance to bolting, downy mildew and Nasonovia ribisnigri. Breeder: Nunhems B.V.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Seed	colour	white
Leaf	anthocyanin	absent
Plant	time of beginning of bolting	late to very late
Plant	type	cos
Plant	resistance to downy mildew Bl:16	present

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

<b>Name</b>	<b>Comments</b>
'Xantos'	
'Petite'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Tintin'	Resistance to	downy mildew ( <i>Bremia lactucae</i> )	present	absent	
'Counter'	Resistance to	downy mildew ( <i>Bremia lactucae</i> )	present	absent	

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

Organ/Plant Part: Context	'Cosbee'	'Petite'	'Xantos'
<input type="checkbox"/> *Seed: colour	white	white	white
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	entire	entire	entire
<input checked="" type="checkbox"/> *Plant: diameter	medium	small to medium	very small to small
<input type="checkbox"/> *Plant: head formation	open head	open head	open head
<input type="checkbox"/> Head: density	medium	loose to medium	loose to medium
<input type="checkbox"/> Head: size	small	small to medium	small to medium
<input type="checkbox"/> *Head: shape in longitudinal section	broad elliptic	broad elliptic	broad elliptic
<input type="checkbox"/> Leaf: thickness	thin to medium	thin to medium	thin to medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	erect to semi-erect	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> *Leaf: shape	obovate	broad obtrullate	broad obtrullate
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	greyish	yellowish	yellowish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	medium	medium	medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> *Leaf: blistering	strong to very strong	strong	strong
<input type="checkbox"/> Leaf: size of blisters	large to very large	large	large
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	medium	medium to strong	medium to strong
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	absent	absent	absent
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very	absent or very	absent or very

	weak	weak	weak
<input type="checkbox"/> Plant: time of: harvest maturity	medium	medium	medium
<input type="checkbox"/> *Plant: time of: beginning of bolting under long day conditions	late to very late	late to very late	late to very late
<input type="checkbox"/> Plant: height	medium	medium	short to medium
<input type="checkbox"/> Plant: fasciation	absent	absent	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:2	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:5	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:7	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:12	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:14	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:15	present	-	present
<input type="checkbox"/> *Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:16	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:17	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:18	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:20	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:21	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:22	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:23	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:24	present	-	absent
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:25	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI: 26	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:27	present	-	present
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> biotype Nr:0	present	-	present

<b>Statistical Table</b>			
<b>Organ/Plant Part: Context</b>	<b>'Cosbee'</b>	<b>'Petite'</b>	<b>'Xantos'</b>
<input checked="" type="checkbox"/> Plant: diameter (mm)			
Mean	292.50	255.75	270.25
Std. Deviation	12.25	8.74	12.10
LSD/sig	12.85	P≤0.01	P≤.01
<input checked="" type="checkbox"/> Plant: head height (mm)			
Mean	168.50	153.00	179.50
Std. Deviation	6.69	11.35	14.23
LSD/sig	12.58	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	144.00	155.00	156.00
Std. Deviation	6.72	9.18	8.20
LSD/sig	9.37	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	122.00	120.00	139.00
Std. Deviation	7.62	8.92	6.02
LSD/sig	7.10	ns	P≤0.01

**Prior Applications:Nil**

First sold in Australia in October 2012

Description: **John Oates**, Tura Beach, NSW

<b>Details of Application</b>	
<b>Application Number</b>	2013/148
<b>Variety Name</b>	'Multigreen 60'
<b>Genus Species</b>	<i>Lactuca sativa</i>
<b>Common Name</b>	Lettuce
<b>Synonym</b>	Nil
<b>Accepted Date</b>	22 Jul 2013
<b>Applicant</b>	Nunhems B.V., Haelen, The Netherlands
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	John Oates

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Naktuinbouw, The Netherlands
<b>Overseas Data Reference Number</b>	SLA03089
<b>Location</b>	Naktuinbouw, Roelofarendsveen, The Netherlands
<b>Descriptor</b>	Lettuce ( <i>Lactuca sativa</i> ) TG/13/10
<b>Period</b>	2012 to 2013
<b>RHS Chart - edition</b>	n/a

**Origin and Breeding**

Controlled pollination: After the cross was made between MULTIGREEN 3 and a Nunhem's B.V. non-commercial Breeding line 344832, a number of F1 plants were self-pollinated. From the second to the fifth generation pedigree selection was performed. From the sixth to the seventh generation line selection was performed. Selection was for characters: leaf shape, resistance to bolting, resistance for downy mildew and *Nasonovia ribisnigri* Breeder: Nunhem's B.V., The Netherlands

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	black
Plant	type	cutting/gathering
Leaf	anthocyanin colour	absent
Plant	resistance to <i>Bremia lactucae</i> race16	present

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

Name	Comments
'Multy'	
'Multigreen 75'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Multigreen 3'	seed	colour	black	white	

**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	'Multigreen 60'	'Multigreen 75'	'Multy'
<input type="checkbox"/> *Seed: colour	black	black	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	erect to semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	divided	divided	divided
<input type="checkbox"/> *Plant: diameter	small	small to medium	small
<input type="checkbox"/> *Plant: head formation	no head	no head	no head
<input type="checkbox"/> Leaf: thickness	thin	medium	thin
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect to horizontal	semi-erect to horizontal
<input type="checkbox"/> *Leaf: shape	transverse broad elliptic	transverse narrow elliptic	transverse narrow elliptic
<input checked="" type="checkbox"/> Leaf: shape of tip	rounded	acute	-
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	absent	absent	absent
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	medium to dark	medium to dark	medium to dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	very weak to weak	medium	weak
<input type="checkbox"/> *Leaf: blistering	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Leaf blade: degree of undulation of margin	medium to strong	very strong	medium
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	medium to deep	medium	deep
<input checked="" type="checkbox"/> Leaf blade: density of incisions on margin on apical part	medium to dense	dense to very dense	medium
<input type="checkbox"/> Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	dentate	dentate	dentate
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak	absent or very weak	very weak to weak
<input checked="" type="checkbox"/> Time of: harvest maturity	medium	early	early
<input checked="" type="checkbox"/> *Time of: beginning of bolting under long	very late	late to very late	medium

day conditions			
<input type="checkbox"/> Plant: intensity of fasciation	very strong	-	-
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:2	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:5	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:7	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:12	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:14	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:15	present	-	present
<input type="checkbox"/> *Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:16	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:17	present	present	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:18	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:20	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:21	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:22	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:23	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:24	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:25	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI: 26	present	-	present
<input type="checkbox"/> Resistance to: downy mildew ( <i>Bremia lactucae</i> ) Isolate BI:27	present	present	present
<input checked="" type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	present	-	absent
<input checked="" type="checkbox"/> Resistance to: Nasonovia ribisnigri biotype Nr:0	present	absent	-
<b>Organ/Plant Part: Context</b>	<b>'Multigreen 60'</b>	<b>'Multigreen 75'</b>	<b>'Multy'</b>
<input type="checkbox"/> Resistance: BI:1,4,6,10,13	present	-	present

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
The Netherlands	2012	Granted	'Multigreen 60'

First sold in the UK in February 2013.

Description: **John Oates**, Tura Beach, NSW



<b>Details of Application</b>					
<b>Application Number</b>		2010/148			
<b>Variety Name</b>		'Ebony'			
<b>Genus Species</b>		<i>Leucadendron laureolum</i> x <i>salignum</i>			
<b>Common Name</b>		Leucadendron			
<b>Synonym</b>		Nil			
<b>Accepted Date</b>		04 Nov 2010			
<b>Applicant</b>		John Francis, Waimauku, New Zealand			
<b>Agent</b>		Touch of Class Pty Ltd., Tynong, VIC			
<b>Qualified Person</b>		Mark Lunghusen			
<b>Details of Comparative Trial</b>					
<b>Location</b>		Monbulk, VIC			
<b>Descriptor</b>		Leucadendron TG/127/3			
<b>Period</b>		Sept 2011 to Oct 2013			
<b>Conditions</b>		Plants were grown in 25cm pots in a polyhouse with open sides. Plants were potted in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with drip irrigation.			
<b>Trial Design</b>		10 plants in block design			
<b>Measurements</b>		Taken from middle third of stem			
<b>RHS Chart - edition</b>		1997			
<b>Origin and Breeding</b>					
Spontaneous mutation: a spontaneous mutation was observed on <i>Leucadendron</i> 'Safari Sunset' at the breeder's property in 2007. Cuttings were taken from this mutation and grown on to determine uniformity and stability, with no off types produced to date. Breeder John Francis, Waimauku, New Zealand.					
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge					
<b>Organ/Plant Part</b>		<b>Context</b>		<b>State of Expression in Group of Varieties</b>	
Mature leaf		colour		dark brown to black	
Plant		sex		female	
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
<b>Name</b>			<b>Comments</b>		
'Burgundy Sunset'			Only variety with similar mature leaf colour		
<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Safari Sunset'	mature leaf	colour	dark brown to black	green	parent variety but with green leaf colour

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

<b>Organ/Plant Part: Context</b>	<b>'Ebony'</b>	<b>'Burgundy Sunset'</b>
<input type="checkbox"/> *Plant: sex	female	female
<input type="checkbox"/> *Plant: growth habit	erect to spreading	erect
<input checked="" type="checkbox"/> Plant: height	medium	tall
<input checked="" type="checkbox"/> Plant: diameter	medium to large	small to medium
<input type="checkbox"/> Plant: density of foliage	sparse to medium	sparse to medium
<input type="checkbox"/> *Plant: lignotuber	absent	absent
<input type="checkbox"/> Main stem: thickness (non lignotuberous varieties only)	medium	medium
<input type="checkbox"/> Main stem: colour (non lignotuberous varieties only)	brown	brown
<input type="checkbox"/> Leaf: blade always upright	absent	absent
<input type="checkbox"/> Leaf: length	long	long
<input type="checkbox"/> Leaf: width	narrow to medium	narrow to medium
<input type="checkbox"/> *Leaf: position of broadest part	in middle	in middle
<input type="checkbox"/> *Leaf: shape of apex	acute	acute
<input type="checkbox"/> Leaf: shape in cross section	flat	flat
<input type="checkbox"/> *Leaf: predominant colour	purplish	purplish
<input type="checkbox"/> Leaf: undulation of margin	absent	absent
<input type="checkbox"/> Leaf: colour of margin	reddish	reddish
<input type="checkbox"/> Leaf: fringe on margin	absent	absent

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'Ebony'</b>	<b>'Burgundy Sunset'</b>
<input type="checkbox"/> Mature leaf: colour (RHS)	brown (200A)	darker than brown 200A
<input type="checkbox"/> Young leaf: colour at base (RHS)	yellow green (144B)	green (142A)
<input type="checkbox"/> Young leaf: colour at tip (RHS)	brown (200C)	brown (200D)
<input type="checkbox"/> Leaf: pubescence	present	present
<input type="checkbox"/> Leaf: degree of pubescence	medium-strong	strong
<input type="checkbox"/> Mature leaf: presence of secondary colour on underside of leaf	present	present
<input checked="" type="checkbox"/> Mature leaf: intensity of secondary colour on underside of leaf	strong	weak to medium
<input type="checkbox"/> Mature leaf: colour of secondary colour on underside of leaf	green	green
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Plant: number of flowering branches on 30cm length of inflorescence	none	one

<input type="checkbox"/> Leaf: predominant attitude in relation to branch	perpendicular to oblique	oblique
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**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Ebony'</b>	<b>'Burgundy Sunset'</b>
<input checked="" type="checkbox"/> Leaf : length (cm)		
Mean	77.03	65.19
Std. deviation	4.72	2.99
LSD/sig	4.61	P≤0.01
<input type="checkbox"/> Leaf: width (cm)		
Mean	15.17	13.61
Std. deviation	0.93	0.54
LSD/sig	0.99	P≤0.01

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2011	Applied	'FRAN01'
New Zealand	2010	Applied	'FRAN01'
USA	2010	Granted	'Ebony'

Prior Sale: Nil

Description: **Mark Lunghusen**, Lilydale, VIC.

<b>Details of Application</b>					
<b>Application Number</b>	2010/189				
<b>Variety Name</b>	'Burgundy Sunset'				
<b>Genus Species</b>	<i>Leucadendron laureolum</i> x <i>salignum</i>				
<b>Common Name</b>	Leucadendron				
<b>Synonym</b>	Nil				
<b>Accepted Date</b>	29 Oct 2010				
<b>Applicant</b>	John William Barson, Petronella Johanna Barson, Victor Harbor, SA				
<b>Agent</b>	Proteaflora Nursery, Monbulk, VIC				
<b>Qualified Person</b>	Mark Lunghusen				
<b>Details of Comparative Trial</b>					
<b>Location</b>	Monbulk, VIC				
<b>Descriptor</b>	Leucadendron TG/127/3				
<b>Period</b>	Sept 2011 to Oct 2013				
<b>Conditions</b>	Plants were grown in 25cm pots in a polyhouse with open sides. Plants were potted in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with drip irrigation.				
<b>Trial Design</b>	10 plants in block design				
<b>Measurements</b>	Taken from middle third of stem				
<b>RHS Chart - edition</b>	1997				
<b>Origin and Breeding</b>					
Spontaneous mutation: a mutation was observed on <i>Leucadendron</i> 'Safari Sunset' in April 1999 and cuttings were taken from this mutation. The cuttings were potted in 2000 and planted in the ground at the breeder's property in 2002. The plants have been propagated and grown on continuously since then to determine uniformity and stability. Breeder John Barson and Petronella Barson, Victor Harbour, SA.					
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge					
<b>Organ/Plant Part</b>	<b>Context</b>		<b>State of Expression in Group of Varieties</b>		
Mature leaf	colour		dark brown to black		
Plant	sex		female		
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>					
<b>Name</b>			<b>Comments</b>		
'Ebony'			Only variety with similar mature leaf colour.		
<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Gem'	mature leaf	colour	dark brown to black	green	

'Safari Sunset'	Mature leaf	colour	dark brown to black	green	parental variety
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**Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.**

<b>Organ/Plant Part: Context</b>	<b>'Burgundy Sunset'</b>	<b>'Ebony'</b>
<input type="checkbox"/> *Plant: sex	female	female
<input type="checkbox"/> *Plant: growth habit	erect	erect to spreading
<input checked="" type="checkbox"/> Plant: height	tall	medium
<input checked="" type="checkbox"/> Plant: diameter	small to medium	medium to large
<input type="checkbox"/> Plant: density of foliage	sparse to medium	sparse to medium
<input type="checkbox"/> *Plant: lignotuber	absent	absent
<input type="checkbox"/> Main stem: thickness (non lignotuberous varieties only)	medium	medium
<input type="checkbox"/> Main stem: colour (non lignotuberous varieties only)	brown	brown
<input type="checkbox"/> Leaf: blade always upright	absent	absent
<input type="checkbox"/> Leaf: length	long	long
<input type="checkbox"/> Leaf: width	narrow to medium	narrow to medium
<input type="checkbox"/> *Leaf: position of broadest part	in middle	in middle
<input type="checkbox"/> *Leaf: shape of apex	acute	acute
<input type="checkbox"/> Leaf: shape in cross section	flat	flat
<input type="checkbox"/> *Leaf: predominant colour	purplish	purplish
<input type="checkbox"/> Leaf: undulation of margin	absent	absent
<input type="checkbox"/> Leaf: colour of margin	reddish	reddish
<input type="checkbox"/> Leaf: fringe on margin	absent	absent
<input type="checkbox"/> Plant: number of flowering branches on 30 cm length of inflorescence	one	-
<input type="checkbox"/> Flowering branches: length	long	-
<input type="checkbox"/> Flowering branches: thickness	medium	-
<input type="checkbox"/> Flowering branch: rigidity	strong	-
<input type="checkbox"/> Flowering branch: pubescence	conspicuous	-
<input type="checkbox"/> Flowering branch: predominant colour	reddish	-
<input type="checkbox"/> Flower head: number of floret masses	one	-
<input type="checkbox"/> Flower head: fragrance	absent	-
<input type="checkbox"/> Flower head: number of involucral leaves	very few	-
<input type="checkbox"/> Outer involucral leaf: length	very short to short	-
<input type="checkbox"/> Outer involucral leaf: width	narrow	-
<input type="checkbox"/> *Outer involucral leaf: position of broadest part	along most of its length	-
<input type="checkbox"/> *Outer involucral leaf: predominant colour, if differing from that of inner involucral leaf	purplish	-

<input type="checkbox"/> *Inner involucre leaf: predominant attitude	incurving to erect	-
<input type="checkbox"/> *Inner involucre leaf: length	very short	-
<input type="checkbox"/> *Inner involucre leaf: width	narrow to medium	-
<input type="checkbox"/> Inner involucre leaf: position of broadest part	below middle	-
<input type="checkbox"/> Inner involucre leaf: shape of apex	long acute to acute	-
<input type="checkbox"/> Inner involucre leaf: incurving of apex	absent	-
<input type="checkbox"/> Inner involucre leaf: inrolling of margin at apex	present	-
<input type="checkbox"/> Inner involucre leaf: pubescence	conspicuous	-
<input type="checkbox"/> Inner involucre leaf: fringe on margin	present	-
<input type="checkbox"/> Inner involucre leaf: length of fringe on margin	very short	-
<input type="checkbox"/> *Inner involucre leaf: predominant colour	brownish	-
<input type="checkbox"/> *Floret mass: degree of concealment by involucre leaves	somewhat exposed	-
<input type="checkbox"/> *Floret mass: length	medium	-
<input type="checkbox"/> Floret mass: diameter	small to medium	-
<input type="checkbox"/> *Female floret mass: predominant colour	brown	-
<input type="checkbox"/> Floret mass: pubescence	inconspicuous	-
<input type="checkbox"/> *Floret mass: size of basal bract	small	-
<input type="checkbox"/> Floret mass: curvature of basal bract	conspicuous	-
<input type="checkbox"/> *Floret mass: predominant colour of basal bract	green	-
<input type="checkbox"/> *Time of: flowering	medium	-
<input type="checkbox"/> *Leaf: colour change out of flowering season	absent	-
<input type="checkbox"/> *Outer involucre leaf: colour change out of flowering season	absent	-
<input type="checkbox"/> *Inner involucre leaf: colour change out of flowering season	absent	-

<b>Characteristics Additional to the Descriptor/TG</b>		
<b>Organ/Plant Part: Context</b>	<b>'Burgundy Sunset'</b>	<b>'Ebony'</b>
<input type="checkbox"/> Mature leaf: colour (RHS)	darker than brown (200A)	brown (200A)
<input type="checkbox"/> Young leaf: colour at base (RHS)	green (142A)	yellow green (144B)
<input type="checkbox"/> Young leaf: colour at tip (RHS)	brown (200D)	brown (200C)
<input type="checkbox"/> Leaf: pubescence	present	present
<input checked="" type="checkbox"/> Mature leaf: intensity of secondary colour on underside of leaf	weak to medium	strong
<input type="checkbox"/> Mature leaf: colour of secondary colour on underside of leaf	green	green
<input type="checkbox"/> Leaf: degree of pubescence	strong	medium-strong
<input type="checkbox"/> Mature leaf: presence of secondary colour on underside of leaf	present	present

<input type="checkbox"/> Leaf: predominant attitude in relation to branch	oblique	perpendicular to oblique
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Burgundy Sunset'</b>	<b>'Ebony'</b>
<input checked="" type="checkbox"/> Leaf: length (cm)		
Mean	65.19	77.03
Std. deviation	2.99	4.72
LSD/sig	4.61	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (cm)		
Mean	13.61	15.17
Std. deviation	0.54	0.93
LSD/sig	0.99	P≤0.01

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
South Africa	2013	Applied	'Burgundy Sunset'

Prior Sale: nil

Description: **Mark Lunghusen**, Lilydale, VIC.

<b>Details of Application</b>		
<b>Application Number</b>	2011/063	
<b>Variety Name</b>	'YAM001'	
<b>Genus Species</b>	<i>Liriope muscari</i>	
<b>Common Name</b>	Lilyturf	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	14 Mar 2012	
<b>Applicant</b>	Don Teese and Peter Teese, Monbulk, VIC	
<b>Agent</b>	Plants Management Australia Pty. Ltd., Dodges Ferry, TAS	
<b>Qualified Person</b>	Steve Eggleton	
<b>Details of Comparative Trial</b>		
<b>Location</b>	Wonga Park, VIC	
<b>Descriptor</b>	General Descriptor (for plant varieties with no descriptor available)	
<b>Period</b>	Dec 2012 to Jan 2014	
<b>Conditions</b>	Trial conducted in the open with overhead irrigation, plants propagated via division and transferred to 140mm pots in December 2012. Pots filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required	
<b>Trial Design</b>	Twelve pots of each variety in a completely randomised design	
<b>Measurements</b>	From ten plants randomly selected	
<b>RHS Chart - edition</b>	2001	
<b>Origin and Breeding</b>		
Seedling Selection: ' <i>Liriope muscari</i> ' seed was imported from China in the 1980's. The seed was germinated and one seedling was isolated from the crop as it exhibited different leaf characteristics. This plant was allowed to mature and then further propagated via divisions and this generation was evaluated when mature in both containers and field conditions after a number of years. Final selection criteria plant density dense, plant foliage habit weeping and foliage length long. All generations have shown to be uniform and stable. Propagation will continue via divisions. Breeder: Arnold Teese, Monbulk, VIC.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	length	long
Leaf	presence of variegation	absent
Leaf	colour	medium green
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Evergreen Giant'		
'LIRJ'		



**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	'YAM001'	'Evergreen Giant'	'LIRJ'
<input checked="" type="checkbox"/> Plant: height	very short to short	tall	tall
<input type="checkbox"/> Leaf: length of blade	long	long	long
<input checked="" type="checkbox"/> Leaf: width of blade	very narrow	medium	narrow
<input type="checkbox"/> Leaf: shape of blade	linear	linear	linear
<input type="checkbox"/> Leaf: curvature of longitudinal axis	recurved	recurved	recurved
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	weak	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Leaf : primary colour (RHS)	147A	146A	146A
<input type="checkbox"/> Flower: bud colour (RHS)	85B to D	85A	-

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'YAM001'	'Evergreen Giant'	'LIRJ'
<input checked="" type="checkbox"/> Plant: density	strong	medium	weak to medium
<input checked="" type="checkbox"/> Leaf: attitude	weeping	semi erect	semi erect
<input checked="" type="checkbox"/> Leaf: degree of curvature	strongly curved	slightly curved	slightly curved
<input type="checkbox"/> Leaf : colour	mid green	mid green	mid green
<input checked="" type="checkbox"/> Leaf: prominence of venation	medium	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Inflorescence: number	medium	medium to many	absent to few
<input type="checkbox"/> Peduncle: degree of anthocyanin colouration	weak	strong	
<input type="checkbox"/> Flower: sepal colour (RHS)	85C+D	84A	

**Statistical Table**

Organ/Plant Part: Context	'YAM001'	'Evergreen Giant'	'LIRJ'
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	4.75	9.05	6.91
Std. deviation	0.40	0.80	0.50
LSD/sig	0.6	P≤0.01	P≤0.01

**Prior Applications: Nil**

First sold in Australia in May 2010 under the name 'Emerald Cascade'

Description: Steve Eggleton, Wonga Park, VIC

<b>Details of Application</b>	
<b>Application Number</b>	2014/015
<b>Variety Name</b>	'Sunny Dee'
<b>Genus Species</b>	<i>Cucumis melo</i>
<b>Common Name</b>	Melon
<b>Synonym</b>	Nil
<b>Accepted Date</b>	27 Feb 2014
<b>Applicant</b>	Nunhems B.V., Haelen, The Netherlands
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	John Oates

**Details of Comparative Trial**

<b>Location</b>	Hawkins Road, Yoogali, NSW (latitude 34°19'53" S longitude 146°06'15" E, elevation 127m)
<b>Descriptor</b>	UPOV Technical Guidelines for Melon (UPOV TG/104/5)
<b>Period</b>	11 November 2013 to 21 February 2014
<b>Conditions</b>	Field conditions extended periods above 40°C, sub surface drip irrigation, red loam soil
<b>Trial Design</b>	Plot design: 3 rows each of 10 plants and 5 replicates
<b>Measurements</b>	In accordance with UPOV Technical Guidelines
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

Controlled pollination: The female parent, MB.18, a Laboratoire ASL breeding line was crossed with the male parent, MB 473 also a Laboratoire ASL breeding line. The selection NUN 1101 ME was subsequently named SUNNY DEE, was selected and trialled as follows: from step SCR1, tested in Nunhems station in Europe and America has been selected from a pool of varieties in cantaloupe sutured with golden skin and elevated at step SCR2 for year N+1. Step SCR2 with more plots of the hybrids, able to consolidate first observations from SCR1, so new evaluation at SCR2 step, again selected and elevated at step TRL1 (year N+2), positioning is defined, variety is stable. Step SCR1 and SCR2 are followed by breeding teams. Step TRL 1, is step where product specialist in coordination with sales team are involved to test variety at field grower, with plots of 30 to 100 plants per location. Then product specialist has selected variety for step TRL 2 (N+3) at a large scale, 100 to 1000 or 1 ha in function of grower size and starting registration process in countries where variety has been elevated to TRL2, step pre commercial (N+3). Breeder: Laboratoire ASL, Eyragues, France.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	ground colour of skin	yellow
Fruit	warts	absent
Fruit	grooves	strongly expressed
Fruit	cork formation	present
Fruit	pattern of cork formation	netted only

Fruit	main colour of flesh	orange
Seed	colour	cream yellow
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Sun Delicious’		
‘MB17415’		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘MB 17415’	Fruit	cork formation	present	absent	

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

Organ/Plant Part: Context	‘Sunny Dee’	‘Sun Delicious’
<input type="checkbox"/> Leaf blade: size	medium	medium
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf blade: development of lobes	medium to strong	medium to strong
<input type="checkbox"/> Leaf blade: length of terminal lobe	medium	medium
<input type="checkbox"/> Leaf blade: dentation of margin	weak	weak
<input type="checkbox"/> Leaf blade: blistering	weak	weak
<input type="checkbox"/> Petiole: attitude	erect	erect
<input checked="" type="checkbox"/> Petiole: length	short to medium	medium to long
<input checked="" type="checkbox"/> *Inflorescence: sex expression	andromonoecious	monoecious
<input type="checkbox"/> Young fruit: hue of green colour of skin	yellowish green	green
<input type="checkbox"/> *Young fruit: intensity of green colour of skin	light to medium	light to medium
<input type="checkbox"/> Young fruit: density of dots	absent or very sparse	absent or very sparse
<input type="checkbox"/> Young fruit: conspicuousness of groove colouring	medium	medium
<input type="checkbox"/> Young fruit: intensity of groove colouring	medium to dark	medium to dark
<input checked="" type="checkbox"/> Young fruit: length of peduncle	short to medium	medium to long
<input type="checkbox"/> Young fruit: thickness of peduncle 1 cm from fruit	medium	medium
<input type="checkbox"/> Young fruit: extension of darker area around peduncle	absent or very small	absent or very small

<input type="checkbox"/> *Fruit: length	medium	long
<input checked="" type="checkbox"/> *Fruit: diameter	medium to broad	medium
<input checked="" type="checkbox"/> *Fruit: ratio length/diameter	medium	medium to large
<input type="checkbox"/> *Fruit: position of maximum diameter	at middle	at middle
<input type="checkbox"/> *Fruit: shape in longitudinal section	circular	broad elliptic
<input type="checkbox"/> *Fruit: ground colour of skin	yellow	yellow
<input type="checkbox"/> Fruit: intensity of ground colour of skin	medium	medium
<input type="checkbox"/> Fruit: hue of ground colour of skin	yellowish	yellowish
<input type="checkbox"/> Fruit: density of dots	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Fruit: density of patches	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Fruit: warts	absent	absent
<input type="checkbox"/> *Fruit: strength of attachment of peduncle at maturity	strong	strong
<input checked="" type="checkbox"/> *Fruit: shape of base	pointed	rounded
<input checked="" type="checkbox"/> *Fruit: shape of apex	truncate	rounded
<input type="checkbox"/> *Fruit: size of pistil scar	small to medium	small to medium
<input type="checkbox"/> *Fruit: grooves	strongly expressed	strongly expressed
<input type="checkbox"/> Fruit: width of grooves	medium	narrow to medium
<input type="checkbox"/> Fruit: depth of grooves	medium	shallow to medium
<input type="checkbox"/> Fruit: colour of grooves	green	green
<input type="checkbox"/> *Fruit: creasing of surface	absent or very weak	absent or very weak
<input type="checkbox"/> *Fruit: cork formation	present	present
<input type="checkbox"/> *Fruit: thickness of cork layer	medium	medium
<input type="checkbox"/> *Fruit: pattern of cork formation	netted only	netted only
<input type="checkbox"/> *Fruit: density of pattern of cork formation	medium	medium
<input type="checkbox"/> Fruit: rate of change of skin colour from maturity to over maturity	absent or very slow	absent or very slow
<input type="checkbox"/> Fruit: width of flesh in longitudinal section	thick	medium to thick
<input type="checkbox"/> *Fruit: main colour of flesh	orange	orange
<input type="checkbox"/> Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	medium	medium
<input type="checkbox"/> Fruit: firmness of flesh	medium to firm	medium to firm

<input checked="" type="checkbox"/> *Seed: length	medium to long	short to medium
<input checked="" type="checkbox"/> Seed: width	medium	narrow to medium
<input type="checkbox"/> Seed: shape	not pine-nut shape	not pine-nut shape
<input type="checkbox"/> *Seed: colour	cream yellow	cream yellow
<input type="checkbox"/> Seed: intensity of colour (varieties with cream yellow seed colour only)	light to medium	light to medium
<input type="checkbox"/> *Shelf life of: fruit	medium	medium to long

### Statistical Table

Organ/Plant Part: Context	'Sunny Dee'	'Sun Delicious'
<input checked="" type="checkbox"/> Peduncle: length (mm)		
Mean	15.52	18.86
Std. Deviation	3.75	2.17
LSD/sig	1.54	P<0.01
<input type="checkbox"/> Peduncle : diameter (mm)		
Mean	9.97	9.86
Std. Deviation	1.04	1.25
LSD/sig	0.26	ns
<input checked="" type="checkbox"/> Seed: length (mm)		
Mean	9.64	8.81
Std. Deviation	0.33	0.49
LSD/sig	0.14	P<0.01
<input checked="" type="checkbox"/> Seed: width (mm)		
Mean	4.68	4.23
Std. Deviation	0.10	0.20
LSD/sig	0.06	P<0.01
<input type="checkbox"/> Seed: length/width ratio		
Mean	2.06	2.09
Std. Deviation	0.09	0.13
LSD/sig	0.04	ns
<input checked="" type="checkbox"/> Petiole: length (mm)		
Mean	125.50	142.50
Std. Deviation	7.98	10.07
LSD/sig	2.19	P<0.01
<input type="checkbox"/> Fruit: length (mm)		
Mean	165.00	162.50
Std. Deviation	8.82	8.25
LSD/sig	3.72	ns
<input checked="" type="checkbox"/> Fruit: width (mm)		
Mean	162.00	151.50
Std. Deviation	7.53	10.29

LSD/sig	3.32	P≤0.01
<input checked="" type="checkbox"/> Fruit: length/width ratio		
Mean	1.02	1.07
Std. Deviation	0.05	0.03
LSD/sig	0.01	P≤0.01

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Colombia	2013	Applied	'Sunny Dee'
Peru	2013	Applied	'Sunny Dee'

First sold in the USA in Oct 2013.

Description: **John Oates**, VF Solutions, Tura Beach, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2014/006
<b>Variety Name</b>	'GOLDELIXIR'
<b>Genus Species</b>	<i>Cucumis melo</i>
<b>Common Name</b>	Melon
<b>Synonym</b>	Nil
<b>Accepted Date</b>	05 Mar 2014
<b>Applicant</b>	Nunhems B.V., Haelen, The Netherlands
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	John Oates

#### **Details of Comparative Trial**

<b>Location</b>	Hawkins Road, Yoogali, NSW (latitude 34°19'53" S longitude 146°06'15" E, elevation 127m)
<b>Descriptor</b>	UPOV Technical Guidelines for Melon (UPOV TG/104/5)
<b>Period</b>	18 November 2013 to 21 February 2014
<b>Conditions</b>	Field conditions extended periods above 40°C, sub surface drip irrigation, red loam soil
<b>Trial Design</b>	Plot design: 3 rows each of 10 plants and 5 replicates
<b>Measurements</b>	In accordance with UPOV Technical Guidelines
<b>RHS Chart - edition</b>	2001

#### **Origin and Breeding**

Controlled Pollination: Female parent (Nunhems B.V. non-commercial breeding line MEZL0301): pedigree line development to homozygosity; Male parent (Nunhems B.V. non-commercial breeding line MEZL00269): pedigree line development to homozygosity. Characters for selection: vigour, Brix, vine health. Breeder: Nunhems B.V., The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Inflorescence	sex expression	monoecious
Fruit	ground colour of skin	green
Fruit	warts	present
Fruit	grooves	absent or very weakly expressed
Fruit	cork formation	present
Fruit	pattern of cork formation	netted only
Fruit	main colour of flesh	orange
Seed	colour	cream yellow

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

<b>Name</b>	<b>Comments</b>
'Caribbean Gold'	
'Samoa'	
'Burnett'	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Samoa'	Fruit	firmness of flesh	firm	soft	

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

<b>Organ/Plant Part: Context</b>	<b>'GOLDELIXIR'</b>	<b>'Burnett'</b>	<b>'Caribbean Gold'</b>
<input type="checkbox"/> Leaf blade: size	medium	medium to large	small to medium
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	medium	medium
<input type="checkbox"/> Leaf blade: development of lobes	medium to strong	medium to strong	medium
<input type="checkbox"/> Leaf blade: length of terminal lobe	medium	short to medium	short to medium
<input type="checkbox"/> Leaf blade: dentation of margin	very weak to weak	weak	weak
<input type="checkbox"/> Leaf blade: blistering	weak	weak	weak to medium
<input type="checkbox"/> Petiole: attitude	erect	erect to semi-erect	erect
<input checked="" type="checkbox"/> Petiole: length	medium	short	medium to long
<input type="checkbox"/> *Inflorescence: sex expression	monoecious	monoecious	monoecious
<input type="checkbox"/> Young fruit: hue of green colour of skin	whitish green	green	whitish green
<input type="checkbox"/> *Young fruit: intensity of green colour of skin	light	medium to dark	light
<input type="checkbox"/> Young fruit: conspicuousness of groove colouring	very weak to weak	very weak to weak	weak
<input type="checkbox"/> Young fruit: intensity of groove colouring	very light	very light	very light
<input type="checkbox"/> Young fruit: length of peduncle	medium	medium	medium
<input type="checkbox"/> Young fruit: thickness of peduncle 1 cm from fruit	medium	medium	medium
<input checked="" type="checkbox"/> Young fruit: extension of darker area around peduncle	absent or very small	medium	absent or very small
<input checked="" type="checkbox"/> *Fruit: length	long	medium	short
<input checked="" type="checkbox"/> *Fruit: diameter	broad	medium	narrow
<input checked="" type="checkbox"/> *Fruit: ratio length/diameter	medium to large	medium to large	small to medium
<input type="checkbox"/> *Fruit: position of maximum diameter	at middle	at middle	at middle
<input type="checkbox"/> *Fruit: shape in longitudinal section	broad elliptic	circular	broad elliptic



<input type="checkbox"/> *Fruit: ground colour of skin	green	green	green
<input type="checkbox"/> Fruit: intensity of ground colour of skin	light to medium	medium	light to medium
<input type="checkbox"/> Fruit: hue of ground colour of skin	greenish	greenish	greenish
<input type="checkbox"/> Fruit: density of dots	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Fruit: warts	present	present	present
<input type="checkbox"/> *Fruit: strength of attachment of peduncle at maturity	strong	strong	strong
<input checked="" type="checkbox"/> *Fruit: shape of base	rounded	truncate	rounded
<input checked="" type="checkbox"/> *Fruit: shape of apex	rounded	truncate	rounded
<input type="checkbox"/> *Fruit: size of pistil scar	very small to small	small	very small to small
<input type="checkbox"/> *Fruit: grooves	absent or very weakly expressed	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/> *Fruit: creasing of surface	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Fruit: cork formation	present	present	present
<input type="checkbox"/> *Fruit: thickness of cork layer	medium	medium	thin to medium
<input type="checkbox"/> *Fruit: pattern of cork formation	netted only	netted only	netted only
<input type="checkbox"/> *Fruit: density of pattern of cork formation	medium to dense	medium to dense	medium to dense
<input checked="" type="checkbox"/> Fruit: width of flesh in longitudinal section	medium to thick	medium to thick	thin to medium
<input type="checkbox"/> *Fruit: main colour of flesh	orange	orange	orange
<input type="checkbox"/> Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	medium	medium	medium
<input type="checkbox"/> Fruit: firmness of flesh	firm	medium to firm	medium to firm
<input checked="" type="checkbox"/> *Seed: length	long	long	medium
<input checked="" type="checkbox"/> Seed: width	medium to broad	narrow to medium	medium to broad
<input type="checkbox"/> Seed: shape	not pine-nut shape	not pine-nut shape	not pine-nut shape
<input type="checkbox"/> *Seed: colour	cream yellow	cream yellow	cream yellow
<input type="checkbox"/> Seed: intensity of colour (varieties with cream yellow seed colour only)	light to medium	light to medium	light to medium
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> Race 0	present	-	present
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> Race 1	present	-	present
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i>	present	-	present

f. sp. <i>melonis</i> Race 2			
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> Race 1-2	present	-	-

### Statistical Table

Organ/Plant Part: Context	'GOLDELIXIR'	'Burnett'	'Caribbean Gold'
<input checked="" type="checkbox"/> Fruit: length (mm)			
Mean	226.50	204.00	171.00
Std. Deviation	1.56	15.06	9.07
LSD/sig	3.12	P<0.01	P<0.01
<input checked="" type="checkbox"/> Fruit: width (mm)			
Mean	195.00	180.00	154.50
Std. Deviation	10.80	13.23	6.85
LSD/sig	3.24	P<0.01	P<0.01
<input checked="" type="checkbox"/> Fruit: length/width ratio			
Mean	1.16	1.13	1.11
Std. Deviation	0.03	0.07	0.09
LSD/sig	0.02	P<0.01	P<0.01
<input checked="" type="checkbox"/> Petiole: length (mm)			
Mean	191.60	136.67	161.00
Std. Deviation	11.80	12.75	15.06
LSD/sig	5.02	P<0.01	P<0.01
<input checked="" type="checkbox"/> Peduncle : length (mm)			
Mean	33.42	21.67	23.35
Std. Deviation	7.15	3.73	4.27
LSD/sig	7.03	P<0.01	P<0.01
<input checked="" type="checkbox"/> Peduncle : diameter (mm)			
Mean	8.52	7.52	8.33
Std. Deviation	0.48	0.67	0.58
LSD/sig	0.22	P<0.01	ns
<input checked="" type="checkbox"/> Seed: length (mm)			
Mean	11.44	11.03	10.46
Std. Deviation	0.38	0.38	0.38
LSD/sig	0.56	ns	P<0.01
<input checked="" type="checkbox"/> Seed: width (mm)			
Mean	4.41	4.25	4.43
Std. Deviation	0.18	0.19	0.15
LSD/sig	0.11	P<0.01	ns
<input type="checkbox"/> Seed: length/width ratio			
Mean	2.60	2.60	2.36
Std. Deviation	0.13	0.13	0.09
LSD/sig	0.04	ns	P<0.01

### Prior Applications and Sales

Nil.

Description: **John Oates**, VF Solutions, Tura Beach, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2013/309
<b>Variety Name</b>	'284HQ'
<b>Genus Species</b>	<i>Cucumis melo</i>
<b>Common Name</b>	Melon
<b>Synonym</b>	Nil
<b>Accepted Date</b>	25 Mar 2014
<b>Applicant</b>	Nunhems B.V., Haelen, The Netherlands
<b>Agent</b>	Shelston IP, Sydney, NSW
<b>Qualified Person</b>	John Oates

**Details of Comparative Trial**

<b>Location</b>	Hawkins Road, Yoogali, NSW (latitude 34°19'53" S longitude 146°06'15" E, elevation 127m)
<b>Descriptor</b>	UPOV Technical Guidelines for Melon (UPOV TG/104/5)
<b>Period</b>	11 November 2013 to 21 February 2014
<b>Conditions</b>	Field conditions extended periods above 40°C, sub surface drip irrigation, red loam soil
<b>Trial Design</b>	Plot design: 3 rows each of 10 plants and 5 replicates
<b>Measurements</b>	In accordance with UPOV Technical Guidelines
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

Controlled Pollination: Female parent (Nunhems B.V. non-commercial breeding line MEZC0248), Male parent (Nunhems B.V. non-commercial breeding line MEZC0286). Selfing and progeny testing of parent lines to acceptable level of uniformity before bulking for production of foundation seed in strip planted crossing block. Characters for selection: green flesh honeydew with small closed cavity and vigorous vines. Breeder: Nunhems B.V., The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	ground colour of skin	yellow
Fruit	warts	present
Fruit	grooves	absent or very weakly expressed
Fruit	cork formation	present
Fruit	main colour of flesh	greenish white
Seed	length	medium
Seed	colour	cream yellow

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

<b>Name</b>	<b>Comments</b>
'Samantha F1'	
'Summer Dew'	
'Classique'	
'Milky Way'	

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Samantha F1'	Fruit	shelf life	long	short	
'Summer Dew'	Fruit	shape	circular	slightly oval	

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

<b>Organ/Plant Part: Context</b>	<b>'284HQ'</b>	<b>'Classique'</b>	<b>'Milky Way'</b>
<input type="checkbox"/> Leaf blade: size	medium	medium to large	small to medium
<input type="checkbox"/> Leaf blade: intensity of green colour	light to medium	medium	light to medium
<input checked="" type="checkbox"/> Leaf blade: development of lobes	medium	medium to strong	weak
<input checked="" type="checkbox"/> Leaf blade: length of terminal lobe	medium	medium	short
<input type="checkbox"/> Leaf blade: dentation of margin	medium	weak	weak to medium
<input type="checkbox"/> Leaf blade: blistering	medium	medium	medium
<input type="checkbox"/> Petiole: attitude	erect to semi-erect	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Petiole: length	long	short to medium	medium to long
<input type="checkbox"/> *Inflorescence: sex expression	andromonoecious	-	-
<input type="checkbox"/> Young fruit: hue of green colour of skin	yellowish green	yellowish green	yellowish green
<input checked="" type="checkbox"/> *Young fruit: intensity of green colour of skin	light to medium	medium	medium to dark
<input type="checkbox"/> Young fruit: density of dots	medium to dense	dense	dense
<input type="checkbox"/> Young fruit: size of dots	small	small	small
<input type="checkbox"/> Young fruit: contrast of dot colour/ground colour	weak	weak	weak
<input type="checkbox"/> Young fruit: conspicuousness of groove colouring	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Young fruit: intensity of groove colouring	very light	very light	very light
<input checked="" type="checkbox"/> Young fruit: length of peduncle	long	long	medium
<input checked="" type="checkbox"/> Young fruit: thickness of peduncle 1 cm from fruit	medium	medium	thin
<input checked="" type="checkbox"/> Young fruit: extension of darker area around peduncle	small	small	absent or very small

<input checked="" type="checkbox"/> *Fruit: length	medium to long	short to medium	short to medium
<input checked="" type="checkbox"/> *Fruit: diameter	broad	narrow	medium
<input checked="" type="checkbox"/> *Fruit: ratio length/diameter	medium	large	medium
<input type="checkbox"/> *Fruit: position of maximum diameter	at middle	at middle	at middle
<input checked="" type="checkbox"/> *Fruit: shape in longitudinal section	circular	broad elliptic	circular
<input type="checkbox"/> *Fruit: ground colour of skin	yellow	yellow	yellow
<input type="checkbox"/> Fruit: intensity of ground colour of skin	very light to light	very light to light	very light to light
<input type="checkbox"/> Fruit: hue of ground colour of skin	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Fruit: density of dots	medium	medium	dense
<input type="checkbox"/> Fruit: size of dots	medium	medium	medium
<input checked="" type="checkbox"/> Fruit: colour of dots	white	yellow	white
<input type="checkbox"/> Fruit: intensity of colour of dots	very light to light	very light to light	very light to light
<input type="checkbox"/> *Fruit: warts	present	present	present
<input type="checkbox"/> *Fruit: strength of attachment of peduncle at maturity	strong	strong	strong
<input type="checkbox"/> *Fruit: shape of base	truncate	truncate	truncate
<input type="checkbox"/> *Fruit: shape of apex	truncate	truncate	truncate
<input checked="" type="checkbox"/> *Fruit: size of pistil scar	small	medium to large	small
<input type="checkbox"/> *Fruit: grooves	weakly expressed	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/> Fruit: width of grooves	narrow to medium	-	-
<input type="checkbox"/> Fruit: depth of grooves	very shallow	-	-
<input type="checkbox"/> Fruit: colour of grooves	yellow	-	-
<input type="checkbox"/> *Fruit: creasing of surface	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Fruit: cork formation	present	present	present
<input type="checkbox"/> *Fruit: thickness of cork layer	thin to medium	thin to medium	thin
<input type="checkbox"/> *Fruit: pattern of cork formation	linear only	linear only	linear only
<input type="checkbox"/> *Fruit: density of pattern of cork formation	sparse to medium	sparse to medium	sparse to medium
<input checked="" type="checkbox"/> Fruit: width of flesh in longitudinal section	thick	medium	medium to thick
<input type="checkbox"/> *Fruit: main colour of flesh	greenish white	greenish white	greenish white
<input type="checkbox"/> Fruit: firmness of flesh	firm	medium to firm	medium

<input type="checkbox"/> *Seed: length	short to medium	medium to long	short to medium
<input type="checkbox"/> Seed: width	broad	narrow	medium
<input type="checkbox"/> Seed: shape	not pine-nut shape	not pine-nut shape	not pine-nut shape
<input type="checkbox"/> *Seed: colour	cream yellow	cream yellow	cream yellow
<input type="checkbox"/> Seed: intensity of colour (varieties with cream yellow seed colour only)	light	medium	light to medium
<input type="checkbox"/> Time of: ripening	medium to late	-	-
<input type="checkbox"/> *Shelf life of: fruit	long	medium	medium to long
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> Race 0	present	-	-
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> Race 1	present	-	-
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> Race 2	present	-	-
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>melonis</i> Race 1-2	present	-	-

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘284HQ’</b>	<b>‘Classique’</b>	<b>‘Milky Way’</b>
<input checked="" type="checkbox"/> Fruit: length (mm)			
Mean	194.70	177.00	179.50
Std. Deviation	9.59	11.11	16.24
LSD/sig	4.60	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: width (mm)			
Mean	185.50	161.50	171.50
Std. Deviation	9.85	5.30	15.64
LSD/sig	4.40	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: length/width ratio			
Mean	1.05	1.10	1.05
Std. Deviation	0.05	0.07	0.05
LSD/sig	0.02	P≤0.01	ns
<input checked="" type="checkbox"/> Petiole: length (mm)			
Mean	140.40	119.50	136.00
Std. Deviation	8.46	6.85	6.90
LSD/sig	2.92	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Peduncle : length (mm)			
Mean	24.95	12.35	21.22
Std. Deviation	4.42	2.53	4.72
LSD/sig	1.36	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Peduncle : diameter (mm)			
Mean	9.05	9.80	7.69
Std. Deviation	0.48	0.45	0.40

LSD/sig	0.16	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Seed: length (mm)			
Mean	13.29	14.89	13.47
Std. Deviation	0.43	0.62	0.43
LSD/sig	0.20	P≤0.01	ns
<input checked="" type="checkbox"/> Seed: width (mm)			
Mean	5.51	5.21	5.35
Std. Deviation	0.22	0.13	0.27
LSD/sig	0.07	P≤0.01	P≤0.01
<input type="checkbox"/> Seed: length/width ratio			
Mean	2.41	2.86	2.52
Std. Deviation	0.11	0.14	0.11
LSD/sig	0.04	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Prior Applications: nil.

First sold in Australia in Jul 2013 under the name '284HQ'.

Description: **John Oates**, VF Solutions, Tura Beach , NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2011/068
<b>Variety Name</b>	'PBA Gunyidi'
<b>Genus Species</b>	<i>Lupinus angustifolius</i>
<b>Coon Name</b>	Narrow-Leafed Lupin
<b>Synonym</b>	Nil
<b>Accepted Date</b>	15 Oct 2012
<b>Applicant</b>	Western Australian Agricultural Authority, South Perth WA. Grains Research Development Corporation, Barton, ACT.
<b>Agent</b>	Department of Agriculture and Food, South Perth, WA.
<b>Qualified Person</b>	Leigh Smith

**Details of Comparative Trial**

<b>Location</b>	Wongan Hills Western Australia
<b>Descriptor</b>	Lupins ( <i>Lupinus angustifolius</i> ) TG/66/4
<b>Period</b>	2011 - 2012
<b>Conditions</b>	Trial were sown on May and harvested on November. The trial was sown a little late but in moist conditions. Big Phos + Mn (@ 80kg/ha) was banded in a one pass operation below the seed. SpraySeed2L/ha, Telstar 0.2L/ha, Simagranz 1.1kg/ha, Brodal 0.15L/ha, Select - 0.5L/ha and Hasten 1% was applied pre owing and throughout the season to control weeds.
<b>Trial Design</b>	Trial were sown as 1.42m wide x 20m long single block, two reps for each line in a randomised block design. A general analysis of variance was used to check levels of significance. The means, standard deviations and LSD/sig (0.1%) of plant parts are shown.
<b>Measurements</b>	Taken from 15 - 20 random plants from each of the two replicated plots select randomly.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: The cross was made in 2001 between seed parent, '90S085-107-39', and pollen parent which was an F2 plant from a complex cross. The seed parent was characterised by improved pod shatter resistance, resistance to anthracnose and Grey Spot, and fair resistance to aphids. 'WALAN2289' is an F5 derived single plant selection. The variety was selfed for 5 generations of selection and evaluation in small scale breeder trials and 5 years testing in Crop Variety Testing program in the Department of Agriculture and Food Western Australia. Selection criteria: Increased grain yield, grain quality, resistance to phomopsis stem blight and anthracnose, resistance to aphid colonisation, adaption to low, and medium and high rainfall zones in Western Australia, South Australia and New South Wales. Mode of propagation was by annual seed increase. There are no known off types in its present form. Breeder: Dr Bevan Buirchell, Department of Agriculture and Food, South Perth, WA.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Grain	bitter principle	absent
Flower	colour of wings	bluish white



Grain	ornamentation	present
Grain	distribution of ornamentation	total
<b>Most Similar Varieties of Coon Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
‘Mandelup’		
‘Belara’		
‘Tanjil’		

**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	‘PBA Gunyidi’	‘Belara’	‘Mandelup’	‘Tanjil’
<input type="checkbox"/> *Grain: bitter principle	absent	absent	absent	absent
<input type="checkbox"/> Plant: height at vegetative stage	short to medium	short to medium	medium	short to medium
<input type="checkbox"/> *Stem: anthocyanin colouration prior to bud emergence	absent	absent	absent	absent
<input type="checkbox"/> *Time of: flowering	early	early	early	early
<input type="checkbox"/> *Plant: height at beginning of flowering	short to medium	medium	medium	short to medium
<input type="checkbox"/> Central leaflet: length	short to medium	short to medium	short	short to medium
<input checked="" type="checkbox"/> Central leaflet: width	medium to broad	narrow to medium	narrow to medium	medium
<input type="checkbox"/> *Flower: colour of wings	bluish white	bluish white	bluish white	bluish white
<input type="checkbox"/> *Flower: colour of tip of carina	yellow	yellow	yellow	yellow
<input type="checkbox"/> *Plant: growth type	indeterminate	indeterminate	indeterminate	indeterminate
<input type="checkbox"/> Plant: height of insertion of first inflorescence at green ripening	short to medium	medium	medium	medium
<input type="checkbox"/> *Plant: height at green ripening	medium to tall	medium to tall	medium to tall	medium to tall
<input type="checkbox"/> *Grain: ornamentation	present	present	present	present
<input type="checkbox"/> Grain: colour of ornamentation	brown	beige	brown	brown
<input type="checkbox"/> Grain: distribution of ornamentation	total	total	total	total
<input type="checkbox"/> Grain: density of ornamentation (excluding varieties with eyebrow only)	medium to dense	medium	medium	dense

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	‘PBA Gunyidi’	‘Belara’	‘Mandelup’	‘Tanjil’
<input type="checkbox"/> Disease: <i>Anthraxnose</i>	moderately resistant	resistant	moderately resistant	resistant
<input checked="" type="checkbox"/> Pod: shattering	very low	N/A	moderate to high	low to moderate

**Statistical Table****Organ/Plant Part: Context 'PBA Gunyidi' 'Belara' 'Mandelup' 'Tanjil'**

<input checked="" type="checkbox"/> Leaflet: width (mm)				
Mean	6.64	6.08	6.07	6.35
Std. Deviation	0.50	0.50	0.48	0.64
LSD /sig	0.05	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Leaflet:length (mm)				
Mean	43.20	43.91	41.42	43.44
Std. Deviation	2.75	3.57	2.82	2.74
LSD /sig	0.05	ns	ns	ns
<input type="checkbox"/> Pod: shattering (rating-0-9)				
Mean	0.87	-	5.50	1.75
Std. Deviation	0.75	-	0.71	1.77
LSD /sig	-	-	-	-

**Prior Applications and Sales**

Nil

Description: **Leigh Smith** Department of Agriculture and Food, South Perth, WA.

<b>Details of Application</b>	
<b>Application Number</b>	2013/098
<b>Variety Name</b>	'PBA BARLOCK'
<b>Genus Species</b>	<i>Lupinus angustifolius</i>
<b>Common Name</b>	Narrow-Leafed Lupin
<b>Synonym</b>	Nil
<b>Accepted Date</b>	21 Jun 2013
<b>Applicant</b>	Western Australian Agricultural Authority, South Perth WA. Grains Research Development Corporation, Barton, ACT.
<b>Agent</b>	Western Australian Agriculture Authority, South Perth WA
<b>Qualified Person</b>	Leigh Smith
<b>Details of Comparative Trial</b>	
<b>Location</b>	Wongan Hills Western Australia
<b>Descriptor</b>	Lupins ( <i>Lupinus angustifolius</i> ) TG/66/4
<b>Period</b>	2012-2013
<b>Conditions</b>	Trial was sown in May and harvested in November. The trial was sown a little late but in moist conditions. Big Phos + Mn (@ 80kg/ha) was banded in a one pass operation below the seed. SpraySeed2L/ha, Telstar 0.2L/ha, Simagranz 1.1kg/ha, Brodal 0.15L/ha, Select - 0.5L/ha and Hasten 1% was applied pre owing and throughout the season to control weeds.
<b>Trial Design</b>	Trial was sown as 1.42m wide x 20m long single block, two reps for each line in a randomised block design. A general analysis of variance was used to check levels of significance. The means, standard deviations and LSD/sig (0.1%) of plant parts are shown.
<b>Measurements</b>	Taken from 15 - 20 random plants from each of the two replicated plots select randomly.
<b>RHS Chart - edition</b>	N/A
<b>Origin and Breeding</b>	
Controlled pollination: The cross was made in 2000 between seed parent, 97L122-1, and pollen parent, 89A169-11-11. PBA BARLOCK is an F5 derived single plant selection. The variety was selfed for 5 generations of selection and evaluation in small scale breeder trials and 5 years testing in Crop Variety Testing program in the Department of Agriculture and Food Western Australia. Selection criteria: Increased grain yield, grain quality, resistance to phomopsis stem blight and anthracnose, resistance to aphid colonisation, tolerance of metribuzin and adaption to low, medium and high rainfall zones in Western Australia, South Australia and New South Wales. Mode of propagation was by annual seed increase. There are no known off types in its present form. Breeder: Dr Bevan Buirchell, Department of Agriculture and Food, South Perth, WA.	

<b>Choice of Comparators</b> 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	
Grain	bitter principle		absent	
Grain	distrubtion of ornamentation		total	
Flower	colour of wings		bluish white	
Grain	ornamentation		present	
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>				
Name		Comments		
'Tanjil'				
'Mandelup'				
'Quilinock'				
<b>Varieties of Common Knowledge identified and subsequently excluded</b>				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'PBA Gunyidi'	grey spot resistance	resistant	susceptible	
'Jenabillup'	metribuzin tolerance	resistant	susceptible	

**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	'PBA BARLOCK'	'Mandelup'	'Quilinock'	'Tanjil'
<input type="checkbox"/> *Grain: bitter principle	absent	absent	absent	absent
<input type="checkbox"/> Plant: height at vegetative stage	medium to tall	tall	medium to tall	medium
<input type="checkbox"/> *Stem: anthocyanin colouration prior to bud emergence	absent	absent	absent	absent
<input type="checkbox"/> *Time of: flowering	early to medium	early	early to medium	medium
<input type="checkbox"/> *Plant: height at beginning of flowering	medium to tall	tall	short to medium	medium
<input type="checkbox"/> *Flower: colour of wings	bluish white	bluish white	bluish white	bluish white
<input type="checkbox"/> *Flower: colour of tip of carina	yellow	yellow	yellow	yellow
<input type="checkbox"/> *Plant: growth type	indeterminate	indeterminate	indeterminate	indeterminate
<input type="checkbox"/> Plant: height of insertion of first inflorescence at green ripening	medium	medium to high	medium	low to medium
<input type="checkbox"/> *Plant: height at green ripening	short to medium	tall	medium to tall	medium
<input type="checkbox"/> *Grain: ornamentation	present	present	present	present
<input type="checkbox"/> Grain: colour of ornamentation	brown	brown	beige	brown
<input type="checkbox"/> Grain: distribution of ornamentation	total	total	total	total

<input checked="" type="checkbox"/> Grain: density of ornamentation (excluding varieties with eyebrow only)	medium to dense	medium	sparse to medium	dense
<input checked="" type="checkbox"/> Grain: 100 seed weight	medium to high	medium to high	high	low to medium

<b>Characteristics Additional to the Descriptor/TG</b>				
<b>Organ/Plant Part: Context</b>	<b>'PBA BARLOCK'</b>	<b>'Mandelup'</b>	<b>'Quilnock'</b>	<b>'Tanjil'</b>
<input checked="" type="checkbox"/> Disease: <i>Anthracoës</i>	resistant	moderately resistant	susceptible	resistant
<input type="checkbox"/> Plant: height at vegetative stage	medium to tall	tall	medium to tall	medium
<input checked="" type="checkbox"/> Grain: 100 seed weight	medium to high	medium to high	high	low to medium

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'PBA BARLOCK'</b>	<b>'Mandelup'</b>	<b>'Quilnock'</b>	<b>'Tanjil'</b>
<input type="checkbox"/> Plant: height at vegetative stage (mm)				
Mean	27.98	32.78	28.82	26.17
Std. Deviation	3.11	4.77	2.90	3.83
LSD/sig	1.43	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Grain: 100 seed weight (gm)				
Mean	17.18	16.95	17.90	15.15
Std. Deviation	0.41	0.35	0.00	0.63
LSD /sig	1.53	ns	ns	P≤0.01
<input type="checkbox"/> Pod: shattering				
Mean	1.37	6.00	2.50	2.00
Std. Deviation	0.75	0.00	0.70	1.14
LSD /sig	1.74	P≤0.01	ns	ns

### **Prior Applications and Sales**

Nil

Description: **Leigh Smith** Department of Agriculture and Food, South Perth, WA.

**Details of Application**

<b>Application Number</b>	2010/127
<b>Variety Name</b>	'Magniff'
<b>Genus Species</b>	<i>Lolium perenne</i>
<b>Common Name</b>	Perennial Ryegrass
<b>Synonym</b>	
<b>Accepted Date</b>	9 July 2012
<b>Applicant</b>	Landmark Nominees Ltd, New Zealand
<b>Agent</b>	Gippsland Farm Solutions, Bairnsdale, VIC.
<b>Qualified Person</b>	Mr Philip Rhodes

**Details of Comparative Trial**

<b>Location</b>	Te Horo, New Zealand.
<b>Descriptor</b>	Ryegrass (new) <i>Lolium spp.</i> UPOV TG/4/8.
<b>Period</b>	March 2013- December 2013
<b>Conditions</b>	Seedlings raised in a temperature controlled glasshouse and transplanted into the field as spaced plants after a period of hardening off. Weeds were controlled by hand hoeing
<b>Trial Design</b>	Randomised complete block with 6 replicates.
<b>Measurements</b>	Observations and measurements taken in the field at the appropriate growth stage. Measurements from 60 plants per variety

**Origin and Breeding**

Mass selection followed by open pollination: 'AstonEnergy'. Seed was collected in 2010 from 300+ plants of 'AstonEnergy' ryegrass which demonstrated superior growth and persistence under drought conditions in a paddock near Rakaia, New Zealand. Seed was bulked and multiplied in isolation over the next two seasons. The seed parent is of medium height whereas the new variety is taller. Breeder: Jim McGaveston, Landmark Trust, Levin, New Zealand.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	tetraploid
Plant	vegetative growth habit	semi-prostrate
Vegetative leaf	length	medium
Flag leaf	length	long

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

<b>Name</b>	<b>Comments</b>
'Halo'	
'Optima'	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Blitz'	Inflorescence:	absent	present	

seed  
awns

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

<b>Organ/Plant Part: Context</b>	<b>‘Magniff’</b>	<b>‘Halo’</b>	<b>‘Optima’</b>
<input type="checkbox"/> *Plant: ploidy	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	semi-prostrate	semi-prostrate	semi-prostrate
<input type="checkbox"/> Leaf: length	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: width	medium	narrow	medium
<input checked="" type="checkbox"/> Leaf: intensity of green colour	dark	medium	medium
<input type="checkbox"/> *Plant: time of inflorescence emergence (after vernalisation)	late	medium to late	late
<input type="checkbox"/> *Flag leaf: length	long	long	long
<input type="checkbox"/> *Flag leaf: width	broad	broad	broad
<input type="checkbox"/> Flag leaf: length/width ratio	very high	high to very high	high to very high
<input type="checkbox"/> *Plant: length of longest stem, inflorescence included	very long	long	medium
<input type="checkbox"/> Plant: length of upper internode	long	long	long
<input checked="" type="checkbox"/> Inflorescence: length	very long	long	long
<input type="checkbox"/> Inflorescence: number of spikelets	many	many	many
<input checked="" type="checkbox"/> Inflorescence: density	lax to medium	medium to dense	medium to dense
<input checked="" type="checkbox"/> Inflorescence: length of outer glume on basal spikelet	medium	short	short
<input checked="" type="checkbox"/> Inflorescence: length of basal spikelet excluding awn	medium	medium	short

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Magniff’</b>	<b>‘Halo’</b>	<b>‘Optima’</b>
<input type="checkbox"/> Leaf: length(mm)			
Mean	308.00	314.00	311.00
Std. Deviation	46.30	45.30	47.40
Lsd/sig	32.6	ns	ns
<input checked="" type="checkbox"/> Leaf : width(mm)			
Mean	7.37	6.47	7.39
Std. Deviation	1.12	1.17	0.97
Lsd/sig	0.84	P≤0.01	ns
<input type="checkbox"/> Flag leaf: length(mm)			
Mean	334.00	298.00	283.00
Std. Deviation	75.00	61.80	59.40
Lsd/sig	62.7	ns	ns
<input type="checkbox"/> Flag leaf: width(mm)			
Mean	8.31	8.16	7.88

Std. Deviation	1.28	1.33	1.23
Lsd/sig	0.91	ns	ns
<input type="checkbox"/> Flag leaf: length/width ratio			
Mean	40.80	37.20	36.50
Std. Deviation	8.95	7.40	8.08
Lsd/sig	8.50	ns	ns
<input type="checkbox"/> Plant: length of longest stem, inflorescence included(cm)			
Mean	144.90	130.00	114.00
Std. Deviation	16.11	15.60	16.71
Lsd/sig	14.63	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: length of upper internode(cm)			
Mean	27.80	29.40	27.30
Std. Deviation	6.40	5.34	6.13
Lsd/sig	6.02	ns	ns
<input checked="" type="checkbox"/> Inflorescence: length(mm)			
Mean	382.00	327.00	321.00
Std. Deviation	46.72	51.30	43.20
Lsd/sig	49.1	P≤0.01	P≤0.01
<input type="checkbox"/> Inflorescence: number of spikelets			
Mean	33.60	33.20	32.80
Std. Deviation	3.81	3.96	3.67
Lsd/sig	4.25	ns	ns
<input checked="" type="checkbox"/> Inflorescence: density (length: no of spikelets ratio)			
Mean	11.60	10.00	9.80
Std. Deviation	1.63	1.70	1.23
Lsd/sig	1.28	P≤0.01	P≤0.01
<input type="checkbox"/> Inflorescence: length of outer glume on basal spikelet(mm)			
Mean	12.70	10.50	10.30
Std. Deviation	1.84	1.54	1.11
Lsd/sig	1.45	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length of basal spikelet(mm)			
Mean	17.90	16.30	15.20
Std. Deviation	1.95	1.71	2.22
Lsd/sig	1.96	ns	P≤0.01

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
New Zealand	2010	Pending	'Magniff'

Description: **Phil Rhodes**, Paraparaumu, New Zealand



<b>Details of Application</b>		
<b>Application Number</b>	2009/109	
<b>Variety Name</b>	'Sunsurfcopasamo'	
<b>Genus Species</b>	<i>Petunia</i> hybrid	
<b>Common Name</b>	Petunia	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	31 Aug 2009	
<b>Applicant</b>	Suntory Flowers Limited, Tokyo, Japan.	
<b>Agent</b>	Oasis Horticulture Pty Limited, Winmalee, NSW.	
<b>Qualified Person</b>	Ian Paananen	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	CPVO	
<b>Overseas Data Reference Number</b>	PTU630	
<b>Location</b>	Winmalee, NSW	
<b>Descriptor</b>	Petunia ( <i>Petunia</i> ) TG/212/1 Corr.	
<b>Period</b>	September - November 2012	
<b>Conditions</b>	Overseas data was verified in Australia by local observations at Winmalee; NSW in open beds, stock planted into 140mm pots. Trial of the candidate was conducted with typical commercial conditions prior to assessment. Comparisons of characteristics are based on CPVO descriptions, which were assessed under conditions of controlled environment at Bundessortenamt, Hannover, Germany.	
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design	
<b>Measurements</b>	From ten plants at random. One sample per plant.	
<b>RHS Chart - edition</b>	2007	
<b>Origin and Breeding</b>		
Controlled pollination: seed parent 'Fantasy Crystal Red' x pollen parent 'P01-583'. The seed parent is characterised by a decumbent growth habit, light pink flower colour and small flower diameter. The pollen parent is characterised by a decumbent growth habit and a white flower colour. Selection criteria: mounding plant growth habit, light pink with red purple vein flower colour, abundant branching, long flowering period. Propagation: vegetative cuttings and micro propagation were found to be uniform and stable. Breeders: Takuro Ishihara, Tokyo, Japan and Kazunari Iwaki, Kawasaki, Japan.		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour	pink
Flower	type	single
Leaf blade	variegation	absent

<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>	
Name	Comments
'Sunbapive'	

**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	'Sunsurfcopasamo'	'Sunbapive'
<input checked="" type="checkbox"/> *Plant: growth habit	upright	creeping
<input checked="" type="checkbox"/> *Plant: height	medium to tall	short
<input checked="" type="checkbox"/> *Shoot: length	short to medium	medium to long
<input type="checkbox"/> Shoot: thickness	thin to medium	
<input type="checkbox"/> *Leaf blade: length	medium	
<input type="checkbox"/> *Leaf blade: width	narrow to medium	
<input type="checkbox"/> *Leaf blade: shape	ovate	
<input type="checkbox"/> Leaf blade: shape of apex	broad acute	
<input type="checkbox"/> *Leaf blade: variegation	absent	absent
<input type="checkbox"/> *Leaf blade: green colour of upper side (varieties with non-variegated leaves only)	medium	
<input type="checkbox"/> Leaf blade: blistering	absent	
<input type="checkbox"/> Petiole: length	very short to short	
<input type="checkbox"/> Pedicel: length	short to medium	
<input checked="" type="checkbox"/> *Sepal: length	short to medium	medium to long
<input type="checkbox"/> *Sepal: width	narrow to medium	
<input type="checkbox"/> Sepal: shape	linear	
<input type="checkbox"/> Sepal: anthocyanin colouration	absent	
<input type="checkbox"/> *Flower: type	single	single
<input type="checkbox"/> *Flower: diameter	small to medium	
<input type="checkbox"/> *Flower: shape	salver form	
<input type="checkbox"/> Flower: colour of veins	red	
<input type="checkbox"/> *Corolla lobe: number of colours of upper side	one	
<input type="checkbox"/> *Corolla lobe: main colour of upper side (RHS colour chart)	75C	75B-C
<input type="checkbox"/> *Corolla lobe: conspicuousness of veins on upper side	strong	
<input type="checkbox"/> Corolla lobe: undulation of margin	weak to medium	
<input type="checkbox"/> Corolla tube: length	medium to long	
<input checked="" type="checkbox"/> *Corolla tube: main colour of inner side (RHS colour chart)	N155A	N81B
<input checked="" type="checkbox"/> Corolla tube: conspicuousness of veins on inner side	medium	strong

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Japan	2006	Granted	'Sunsurfcopasamo'
USA	2006	Granted	'Sunsurfcopasamo'
Canada	2006	Granted	'Sunsurfcopasamo'
EU	2006	Granted	'Sunsurfcopasamo'

First sold in Japan March 2006.

Description: **Ian Paananen** The Scenic Road Macmasters Beach, NSW.

**Details of Application**

<b>Application Number</b>	2011/198
<b>Variety Name</b>	'BarLaris'
<b>Genus Species</b>	<i>Phalaris aquatica</i>
<b>Common Name</b>	Phalaris
<b>Synonym</b>	Lawson
<b>Accepted Date</b>	25 January 2012
<b>Applicant</b>	Barenbrug Palaversich, Pergamino, Argentina.
<b>Agent</b>	Heritage Seeds Pty Ltd, Howlong, VIC.
<b>Qualified Person</b>	Mr Philip Rhodes

**Details of Comparative Trial**

<b>Location</b>	Te Horo, New Zealand.
<b>Descriptor</b>	Phalaris <i>Phalaris aquatic</i> PBR PHAL
<b>Period</b>	February 2013- December 2013
<b>Conditions</b>	Seed was sown into trays on 19 Feb 2013 placed in a temperature controlled glasshouse. Seedlings were transplanted into multi-celled trays on 1 Mar 2013 and trimmed prior to transfer into a shade-house on 27 March 2013. After a period of hardening off seedlings were transplanted into the field as spaced plants. Nitrophoska fertilizer (12:5:14) was applied at 450kg/ha before planting and weeds were controlled by hand hoeing.
<b>Trial Design</b>	Randomised complete block with 6 replicates and 10 plant per replicate.
<b>Measurements</b>	Field observations and measurements taken on all available plants at the appropriate growth stage. Inflorescence emergence was recorded twice weekly from 1 Sep 2013. Length and width of the leaf immediately below the flag leaf was recorded as this was often damaged or absent. The proportion of germinated seeds with red colouration at the root tip was obtained using 5 petri dishes per variety with approximately 100 seeds per dish.

**Origin and Breeding**

Open pollination: selections from local ecotypes and persistent pastures of Argentina. The plants were selected for short summer dormancy, superior summer and autumn production, late flowering, disease resistance and high seed production with improved seed retention. In autumn 2000 two breeding sites were established at Pergamino (Buenos Aires Province; 33°32' S; 60°49' W) and Gualeguaychú (Entre Ríos Province; 33°1' S, 58°31' W), Argentina to evaluate the agronomic and morphological characteristics of a *Phalaris aquatica* collection. The collection included 29 ecotypes from low-rainfall areas in the South West and Western areas of the Buenos Aires province and 15 lines collected from pastures older than five years in the Entre Ríos and Corrientes Provinces of Argentina where the soils are moderately acid, infertile and prone to severe summer droughts. The lines were evaluated under cutting for two full growing seasons. The plants with the desired characters were selected and transplanted. The seed resulting from the poly cross of the remaining best 180 plants was sown in 2006 in Pergamino and Gualeguaychú, Argentina. The resulting populations were reselected for uniformity with the desirable characteristics such as short summer dormancy, late flowering and improved seed retention. The seed

produced was harvested in bulk, originating the pre-basic seed.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit at inflorescence emergence	erect
Plant	natural height at inflorescence emergence	medium to tall
Stem	length of upper internode	medium to long to long
Inflorescence	length	medium to long

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

Name	Comments
‘Advanced AT’	
‘Holdfast GT’	
‘Landmaster’	
‘Sirosa’	
‘Stockman’	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Sirolan’	seed retention	absent	present	

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

Organ/Plant Part: Context	‘BarLaris’	‘Advanced AT’	‘Holdfast GT’	‘Land-Master’	‘Sirosa’	‘Stockman’
<input checked="" type="checkbox"/> Plant: winter growth (late July-August)	low to medium	low to medium	medium	medium	high	medium to high
<input checked="" type="checkbox"/> Plant: tiller density (late July-August)	low to medium	medium	medium	medium	medium to high	medium
<input checked="" type="checkbox"/> Leaf: length (late July-August)	medium	medium	medium	medium	medium to long	short
<input checked="" type="checkbox"/> Leaf: width (late July-August)	medium	medium	narrow to medium	medium	broad	medium
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence	very early to early	early to medium	early to medium	medium	early	early
<input type="checkbox"/> Plant: growth habit at inflorescence emergence	erect	erect	erect	erect	erect	erect

<input type="checkbox"/> Plant: natural height at Inflorescence emergence	medium to tall	medium to tall	medium to tall	medium to tall	medium to tall	medium to tall
<input type="checkbox"/> Stem: length of longest stem including inflorescence(when fully expanded)	long	medium to long	long	long	long to very long	long to very long
<input type="checkbox"/> Stem: length of upper internode (when fully expanded)	medium to long	medium	medium	medium to long	long	long
<input type="checkbox"/> Inflorescence: length (when fully expanded)	medium to long	medium to long	medium to long	medium to long	long	medium to long
<input checked="" type="checkbox"/> Plant: proportion of plants with red root tips in germinating seedlings	low to medium	absent or very low	low to medium	very low to low	very low to low	very low to low
<input checked="" type="checkbox"/> Leaf: proximate to flag leaf: length	medium to long	medium	medium	long	medium	medium to long
<input checked="" type="checkbox"/> Leaf: proximate to flag leaf: width	medium to broad	medium	medium	medium to broad	medium	broad

### Statistical Table

Organ/Plant Part: Context	‘BarLaris’	‘Advanced AT’	‘Holdfast GT’	‘Land-Master’	‘Sirosa’	‘Stockman’
<input checked="" type="checkbox"/> Leaf : length(mm)						
Mean	388.00	378.00	388.00	387.00	428.00	342.00
Std. Deviation	80.27	71.17	67.92	62.91	103.67	74.84
Lsd/sig	42.3	ns	ns	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf : width(mm)						
Mean	16.06	14.97	14.69	15.45	18.37	15.05
Std. Deviation	2.97	1.97	2.35	2.70	3.13	2.93
Lsd/sig	1.77	ns	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence (days from sowing)						
Mean	57.90	63.70	63.40	65.10	61.70	60.90
Std. Deviation	7.25	5.27	5.72	8.50	7.41	6.29
Lsd/sig	4.64	P≤0.01	P≤0.01	P≤0.01	ns	ns
<input type="checkbox"/> Plant: natural height at inflorescence emergence(cm)						
Mean	116.60	116.80	121.30	116.80	123.80	120.50
Std. Deviation	20.14	15.89	17.21	15.27	17.97	18.16
Lsd/sig	13.37	ns	ns	ns	ns	ns
<input type="checkbox"/> Leaf proximate to flag leaf: length(mm)						
Mean	381.00	363.00	363.00	424.00	373.00	401.00
Std. Deviation	94.46	85.36	104.32	91.66	96.16	92.48
Lsd/sig	49.6	ns	ns	ns	ns	ns
<input type="checkbox"/> Leaf proximate to flag leaf: width(mm)						

Mean	20.39	18.97	18.87	20.13	19.80	21.12
Std. Deviation	3.81	3.16	2.75	3.28	3.62	3.29
Lsd/sig	1.66	ns	ns	ns	ns	ns
<input type="checkbox"/> Plant: length of longest stem, inflorescence included(cm)						
Mean	199.70	188.50	195.80	195.90	208.30	203.50
Std. Deviation	24.49	22.31	24.07	17.83	20.16	20.61
Lsd/sig	12.72	ns	ns	ns	ns	ns
<input type="checkbox"/> Plant: length of upper internode(cm)						
Mean	38.70	33.40	36.70	39.40	43.00	44.60
Std. Deviation	10.26	7.44	9.28	8.63	9.34	12.34
Lsd/sig	6.36	ns	ns	ns	ns	ns
<input type="checkbox"/> Inflorescence: length(mm)						
Mean	141.00	140.00	137.00	140.00	147.00	140.00
Std. Deviation	25.72	31.68	27.54	25.92	27.34	42.23
Lsd/sig	17.37	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Plant: proportion of germinated seeds with red root tips(%)						
Mean	25.60	2.00	30.20	12.60	4.80	9.00
Std. Deviation	1.81	0.71	3.89	5.59	1.64	2.73
$\chi^2$ /sig	6.64	P $\leq$ 0.01	ns	P $\leq$ 0.01	P $\leq$ 0.01	P $\leq$ 0.01

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Argentina	2009	Granted	'BarLaris'

Description: **Phil Rhodes**, Paraparaumu, New Zealand

**Details of Application**

<b>Application Number</b>	2012/245
<b>Variety Name</b>	'Amplify'
<b>Genus Species</b>	<i>Phalaris aquatica</i>
<b>Common Name</b>	Phalaris
<b>Synonym</b>	Armory
<b>Accepted Date</b>	19 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Phalaris National descriptor PBR PHAL
<b>Period</b>	May 2012 – December 2012
<b>Conditions</b>	Planting date:17 <sup>th</sup> May 2012. Replicates:10 Sample size:80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Open pollination : 'Holdfast', 'Landmaster' and 'Atlas PG'. 'Seeds from maternal parent 'Holdfast' were planted and plants with similar morphological growth characteristics were selected to create the new synthetic. Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	winter growth	medium
Plant	tiller density	medium

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

<b>Name</b>	<b>Comments</b>
'Holdfast'	seed parent
'Landmaster'	
'Holdfast GT'	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Atlas PG'	summer dormancy	medium	high	
'Austrian II'	semi-winter dormant	low	high	
'Grazier'	semi-winter dormant	low	high	



‘Stockman’	semi-winter dormant	low	high
‘Maru’	semi-winter dormant	low	high
‘Lawson’	plant habit	intermediate	semi-erect
‘Sirosa’	seed retention	high	low
‘Sirolan’	seed retention	high	low

**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	‘Amplify’	‘Holdfast’	‘Holdfast GT’	‘Landmaster’
<input type="checkbox"/> Plant: winter growth (late July-August)	medium	medium	medium	medium
<input type="checkbox"/> Plant: tiller density (late July-August)	medium	medium	medium	medium
<input type="checkbox"/> Leaf: length (late July-August)	medium to long	long	medium to long	long
<input checked="" type="checkbox"/> Leaf: width (late July-August)	medium to broad	narrow	narrow	broad
<input type="checkbox"/> Plant: time of inflorescence emergence	early to medium	medium	medium	medium
<input type="checkbox"/> Plant: growth habit at inflorescence emergence	intermediate	semi-erect	intermediate	intermediate
<input type="checkbox"/> Plant: natural height at inflorescence emergence	medium to tall	medium	medium	tall
<input type="checkbox"/> Stem: length of longest stem including inflorescence (when fully expanded)	medium to long	medium	medium	long
<input type="checkbox"/> Stem: length of upper internode (when fully expanded)	long	short to medium	long	medium to long
<input type="checkbox"/> Inflorescence: length (when fully expanded)	medium	short	short to medium	long
<input type="checkbox"/> Flag leaf: length (when fully expanded)	medium to long	long	medium to long	long
<input checked="" type="checkbox"/> Flag leaf: width (same flag leaf as that used for length)	medium to broad	narrow	narrow	broad
<input type="checkbox"/> Plant: proportion of plants with non-shattering inflorescences (approx. 6 weeks after seed maturity)	medium	medium	medium	medium

**Statistical Table**

Organ/Plant Part: Context	‘Amplify’	‘Holdfast’	‘Holdfast GT’	‘Landmaster’
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	GT'			
<input type="checkbox"/> Plant: stem length(cm)				
Mean	98.31	94.40	95.23	107.95
Std. Deviation	5.56	5.65	3.30	4.83
Lsd/sig	6.06	ns	ns	P≤0.01
<input type="checkbox"/> Plant: internode length(cm)				
Mean	27.50	27.28	25.93	29.08
Std. Deviation	2.61	3.71	2.29	2.59
Lsd/sig	3.392	ns	ns	ns
<input checked="" type="checkbox"/> Plant: days to heading (from 1 <sup>st</sup> October 2012)				
Mean	53.95	57.15	56.60	58.00
Std. Deviation	4.43	3.45	3.77	3.29
Lsd/sig	2.71	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: flag leaf length(cm)				
Mean	22.93	27.70	22.55	27.24
Std. Deviation	2.39	2.06	1.97	3.16
Lsd/sig	2.95	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: flag leaf width(cm)				
Mean	1.21	1.12	1.09	1.28
Std. Deviation	0.10	0.07	0.06	0.08
Lsd/sig	0.11	ns	P≤0.01	ns
<input type="checkbox"/> Plant: inflorescence length(cm)				
Mean	6.50	5.17	6.00	7.12
Std. Deviation	0.54	0.65	0.53	0.33
Lsd/sig	0.64	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Plant: seed shatter				
Mean	3.61	3.17	3.27	3.02
Std. Deviation	2.03	0.91	1.19	2.04
Lsd/sig	2.10	ns	ns	ns

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.

**Details of Application**

<b>Application Number</b>	2012/149
<b>Variety Name</b>	'Aus-Festival'
<b>Genus Species</b>	<i>Ananas comosus</i>
<b>Common Name</b>	Pineapple
<b>Synonym</b>	
<b>Accepted Date</b>	09 August 2012
<b>Applicant</b>	State of Queensland through it's Department of Agriculture, Fisheries and Forestry, Brisbane, QLD
<b>Agent</b>	
<b>Qualified Person</b>	Garth Sanewski

**Details of Comparative Trial**

<b>Location</b>	Maroochy Research Station, Nambour, QLD
<b>Descriptor</b>	Pineapple <i>Ananas comosus</i> UPOV TG/295/1
<b>Period</b>	17 <sup>th</sup> March 2011 – 1 <sup>st</sup> May 2012
<b>Conditions</b>	The Maroochy Research Facility (MRF) trial was irrigated and mulched and experienced good growing conditions. The plants were generally healthy and grew well.
<b>Trial Design</b>	Randomised Complete Block of 3 varieties and 8 blocks. Each block comprised 3 plots, one each of the 3 varieties with 4 plants in each plot. The trial therefore included 32 plants of each variety.
<b>Measurements</b>	Data was collected on a per plant basis.
<b>RHS Chart - edition</b>	1995

**Origin and Breeding**

Controlled pollination: 'Smooth Cayenne' x '73-50' were made in 1992 at MRF, Nambour, QLD using conventional hand pollination protocols including protection of the inflorescences with gauze sleeves. The seed were germinated in a glasshouse at MRF. The seedlings were planted on 11 March, 1994 in a field on MRF along with seedlings of other parent crosses and plots of known varieties. The original seedling, designated 1-13026, was harvested on 10 June, 1996 and selected based on flavour and fruit size characteristics. The vegetative shoots on the original seedling were collected and re-planted on MRF in 1996. 1-13026 was evaluated, re-selected and re-planted from vegetative shoots approx every 2 years. 1-13026 was multiplied by meristem culture in 2008-2009 to produce 8,300 plants. Approx 100 plants are held on MRF and 50,000 on private farms.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	semi-upright to spreading
Leaf	green colour of upperside	medium
Petal	colour of apex	blue purple
Immature fruit	colour	dark green
Crown	Attitude	semi-upright

Crown	number	one
Flesh	density	medium

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

<b>Name</b>	<b>Comments</b>
'Smooth Cayenne'	Maternal parent. Plant has a similar general appearance with similar colouration but has spines at the tip whereas 'Aus-Festival' does not.
'73-50'	Pollen parent. Both Aus-Festival and 73-50 have smooth leaves with no spines. The fruit of both has a low acid, aromatic flavour.

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

<b>Organ/Plant Part: Context</b>	<b>'Aus-Festival'</b>	<b>'73-50'</b>	<b>'Smooth Cayenne'</b>
<input type="checkbox"/> *Plant: growth habit	semi-upright to spreading	semi-upright to spreading	semi-upright to spreading
<input checked="" type="checkbox"/> *Reference leaf: length	short	medium to long	medium
<input type="checkbox"/> *Reference leaf: width	medium	narrow to medium	medium
<input type="checkbox"/> *Leaf: green colour of upper side	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: anthocyanin colouration	weak	medium	weak to medium
<input checked="" type="checkbox"/> *Leaf: raised margin	present	present	absent
<input checked="" type="checkbox"/> Leaf: spines	absent	absent	present
<input type="checkbox"/> Petal : colour of apex	blue purple	blue purple	blue purple
<input type="checkbox"/> Stamen: length	medium	long	medium
<input type="checkbox"/> Style: length	medium	long	medium
<input type="checkbox"/> Immature fruit: colour	dark green	dark green	dark green
<input type="checkbox"/> *Peduncle: length	medium	short	medium
<input type="checkbox"/> Peduncle: diameter	medium	medium	medium
<input type="checkbox"/> *Plant: number of underground suckers	none or very few	few	few
<input type="checkbox"/> Plant: number of aerial suckers on stem (cloves)	few	medium	few
<input type="checkbox"/> *Plant: number of slips	few	medium	few
<input type="checkbox"/> Crown: number	one	one	one
<input type="checkbox"/> Crown: attitude	semi upright	semi upright	semi upright
<input checked="" type="checkbox"/> Crown: size	medium	large	medium to large
<input checked="" type="checkbox"/> *Fruit: shape	elliptic	oblong	elliptic
<input type="checkbox"/> *Fruit: length	short to medium	medium	medium

<input type="checkbox"/> *Fruit: diameter	narrow to medium	narrow to medium	medium
<input type="checkbox"/> *Fruit: predominant colour	orange	medium yellow	orange
<input type="checkbox"/> *Fruit: size	medium	small to medium	medium to large
<input type="checkbox"/> *Fruit: size of eye	small to medium	medium to large	medium
<input type="checkbox"/> *Fruit: eye profile	flat	flat	flat
<input type="checkbox"/> *Fruit: colour of flesh	light yellow	medium yellow	light yellow
<input type="checkbox"/> Fruit: diameter of core	medium	small to medium	medium
<input type="checkbox"/> Flesh: evenness of colour	even or slightly uneven	moderately uneven	even or slightly uneven
<input type="checkbox"/> *Flesh: density	medium	medium	medium
<input type="checkbox"/> Flesh: firmness	medium	medium	soft to medium
<input type="checkbox"/> Flesh: fibrousness	low	medium	low
<input checked="" type="checkbox"/> Flesh: aroma	medium	strong	weak
<input type="checkbox"/> *Flesh: juiciness	medium	medium	high
<input type="checkbox"/> *Flesh: sweetness	medium to high	medium	low to medium

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Aus-Festival’</b>	<b>‘73-50’</b>	<b>‘Smooth Cayenne’</b>
<input type="checkbox"/> Reference leaf: presence of anthocyanin at distal end	absent or very weak	strong	absent or very weak
<input type="checkbox"/> Peduncle bract leaves: predominant colour of upper surface	pink-red	pink-red	bright red

### **Statistical Table**

<b>Oran/Plant Part: Context</b>	<b>‘Aus-Festival’</b>	<b>‘73-50’</b>	<b>‘Smooth Cayenne’</b>
<input type="checkbox"/> Plant: number of slips			
Mean	1.20	1.20	0.30
Std. Deviation	1.40	1.60	0.50
Lsd/sig	0.9	ns	ns
<input type="checkbox"/> Peduncle: diameter at the middle(mm)			
Mean	22.00	25.30	24.30
Std. Deviation	5.80	3.30	3.50
Lsd/sig	2.9	P≤0.01	ns
<input checked="" type="checkbox"/> Crown: size(mm)			
Mean	188.00	297.00	233.00

Std. Deviation	31.00	50.00	28.00
Lsd/sig	25.2	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Crown: weight(g)			
Mean	201.00	316.00	266.00
Std. Deviation	58.00	58.00	37.00
Lsd/sig	33	P≤0.01	P≤0.01
<input type="checkbox"/> Reference leaf: width(mm)			
Mean	57.00	52.00	57.00
Std. Deviation	5.00	6.00	3.00
Lsd/sig	2.5	P≤0.01	ns
<input type="checkbox"/> Peduncle: length(mm)			
Mean	142.00	118.00	138.00
Std. Deviation	25.00	17.00	21.00
Lsd/sig	14.3	P≤0.01	ns
<input checked="" type="checkbox"/> Reference leaf: length(mm)			
Mean	846.00	961.00	924.00
Std. Deviation	87.00	53.00	77.00
Lsd/sig	38.8	P≤0.01	P≤0.01

**Prior Applications and Sales**

Nil.

Description: **Garth Sanewski**, Nambour, QLD.

<b>Details of Application</b>		
<b>Application Number</b>	2006/196	
<b>Variety Name</b>	'White Goose'	
<b>Genus Species</b>	<i>Acca sellowiana</i>	
<b>Common Name</b>	Pineapple Guava	
<b>Synonym</b>	Nil	
<b>Accepted Date</b>	01Aug 2006	
<b>Applicant</b>	John and Rebecca Beere, Auckland, New Zealand	
<b>Agent</b>	Australian Nurserymen's Fruit Improvement Company Limited (ANFIC), Kallangur, QLD	
<b>Qualified Person</b>	Dr Gavin Porter	
<b>Details of Comparative Trial</b>		
<b>Overseas Testing Authority</b>	New Zealand Plant Variety Office	
<b>Overseas Data Reference Number</b>	2287	
<b>Descriptor</b>	TG/ACCA (proj. 1)	
<b>Period</b>	2010-2013	
<b>Conditions</b>	Normal weather and soil type conditions with nothing affecting the trial.	
<b>RHS Chart - edition</b>	n/a	
<b>Origin and Breeding</b>		
<p>Open pollination: Approximately 100 seeds were collected from an unnamed seedling tree in 1972. These seedlings were grown and observed from 1973 to 1983 in comparison with all other seedlings from this original seed batch. Following this initial evaluation of seedlings, White Goose was chosen and advanced to further trials due to its consistent performance. Trial export shipments of fruit and processing trials have yield excellent results compared with other standard Feijoa varieties tested in New Zealand. Hardwood cuttings were taken in 1981 and the first trial plants planted in 1983. Hardwood cuttings were taken from the original seedling tree and the first trees planted were propagated from these cuttings. Trees have been propagated for 8 years and the variety has been stable and true-to-type during this time. No off types have been found. The variety has been a consistent producer of fruit and maintained all varietal characteristics during the evaluation trials from 1998 to 2005. Breeder: John and Rebecca Beere, Auckland, New Zealand.</p>		
<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	shape	elliptic
Fruit	skin texture	rough
Fruit	skin colour	medium green
<b>Most Similar Varieties of Common Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'Apollo'		

<b>Varieties of Common Knowledge identified and subsequently excluded</b>					
<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Mammoth'	fruit	shape	obovoid elliptical	oblong	
'Triumph'	fruit	shape	obovoid to elliptical	oval	

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

<b>Organ/Plant Part: Context</b>	<b>'White Goose'</b>	<b>'Apollo'</b>
<input checked="" type="checkbox"/> Tree: growth habit	semi upright	upright
<input type="checkbox"/> Tree: vigour	strong	strong
<input type="checkbox"/> Current seasons shoot: length of internode	medium	
<input type="checkbox"/> Leaf blade: length	medium	medium
<input type="checkbox"/> Leaf blade: width	medium	medium
<input type="checkbox"/> Leaf blade: ratio length/width	strongly elongated	strongly elongated
<input type="checkbox"/> Leaf blade: shape	elliptic	elliptic
<input type="checkbox"/> Leaf blade: position of broadest part	in the middle	in the middle
<input type="checkbox"/> Leaf blade: shape of apex	rounded	obtuse
<input type="checkbox"/> Leaf blade: shape of base	acute	
<input type="checkbox"/> Leaf blade: profile in cross section	concave	
<input type="checkbox"/> Leaf blade: main colour of upper side	dark green	dark green
<input type="checkbox"/> Leaf blade: variegation on upper side	absent	absent
<input type="checkbox"/> Leaf blade: colour of lower side	whitish	whitish
<input type="checkbox"/> Flower: diameter	medium	medium
<input type="checkbox"/> Flower: number of stamens	medium	
<input checked="" type="checkbox"/> Fruit: weight	high	medium
<input type="checkbox"/> Fruit: length	long	long
<input type="checkbox"/> Fruit: diameter	medium	medium
<input type="checkbox"/> Fruit: ratio length/diameter	moderately elongated	moderately elongated
<input type="checkbox"/> Fruit: shape	elliptic	elliptic
<input type="checkbox"/> Fruit: longitudinal symmetry	symmetric or slightly assymetric	moderately assymetric
<input checked="" type="checkbox"/> Fruit: slope of shoulder at stalk end	weak	strong
<input checked="" type="checkbox"/> Fruit: point of attachment of stalk	depressed	raised
<input type="checkbox"/> Fruit: shape of stalk scar	elliptic	
<input type="checkbox"/> Fruit: splitting of calyx	absent or very weak	weak
<input type="checkbox"/> Fruit: colour of skin	medium green	medium green



<input type="checkbox"/>	Fruit: texture of skin	very rough	moderately rough
<input type="checkbox"/>	Fruit: longitudinal grooving	absent or weak	absent or weak
<input type="checkbox"/>	Fruit: colour of outer pericarp	yellowish white	yellowish white
<input type="checkbox"/>	Fruit: width of locules relative to fruit	medium	medium
<input type="checkbox"/>	Fruit: colour of locules	opaque	
<input type="checkbox"/>	Fruit: appearance of core	fleshy	solid to fleshy
<input checked="" type="checkbox"/>	Fruit: time of beginning of harvest	late	medium
<input checked="" type="checkbox"/>	Plant: pollination type	self sterile	partially self fertile

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
New Zealand	2001	Granted	'White Goose'

Prior Sale: Nil

Description: **Dr Gavin Porter**, Kallangur, QLD

**Details of Application**

<b>Application Number</b>	2011/234
<b>Variety Name</b>	'JACsegra'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	Pope John Paul II
<b>Accepted Date</b>	29 October 2012
<b>Applicant</b>	Jackson and Perkins, Greenwood, SC, USA.
<b>Agent</b>	Swane's Nurseries Australia, Dural, NSW
<b>Qualified Person</b>	Finbarr O'Leary

**Details of Comparative Trial**

<b>Location</b>	Dural, NSW
<b>Descriptor</b>	Rose (New) <i>Rosa</i> UPOV TG 11/8
<b>Period</b>	July 2010 – November 2012.
<b>Conditions</b>	Plants were budded on 'Dr Huey' roostock and raised in open beds.
<b>Trial Design</b>	Un-replicated rows with spacing of 0.75 metres between rows and plants. Approximately 15 – 20 plants per plot.
<b>Measurements</b>	Observations made on 10 plants taken at random.
<b>RHS Chart - edition</b>	2010

**Origin and Breeding**

Controlled pollination: 'HILaroma' x ''JACsee'. Pollen was applied to the seed parent. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialed. Selection criteria: Flower colour, disease resistance and plant growth habit. Propagation: vegetative. The seed parent is characterised by imbricated flower form which are white. The pollen parent is characterised by smaller pink flowers. Breeder: Dr Keith Zary.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth type	shrub
Flower	colour group	white or near white
Flowering shoot	number of laterals	few to medium
Flower	diameter	medium

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

<b>Name</b>	<b>Comments</b>
'Valerie Swane'	

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

<b>Organ/Plant Part: Context</b>	<b>'JACsegra'</b>	<b>'Valerie Swane'</b>
<input type="checkbox"/> *Plant: growth type	shrub	shrub

<input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	inter- mediate	upright
<input checked="" type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	weak to medium
<input type="checkbox"/> Stem: number of prickles	few to medium	many
<input type="checkbox"/> Prickles: predominant colour	reddish	yellowish
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	weak
<input type="checkbox"/> *Leaflet: undulation of margin	very weak to weak	very weak to weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	obtuse
<input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few to medium	few to medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few to few	medium
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	many to very many	many
<input type="checkbox"/> *Flower: colour group	white or near white	white or near white
<input checked="" type="checkbox"/> Flower: density of petals	medium to dense	loose to medium
<input type="checkbox"/> *Flower: diameter	medium to large	large to very large
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flat	flat
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flat
<input checked="" type="checkbox"/> Flower: fragrance	strong	medium
<input type="checkbox"/> *Sepal: extensions	medium	strong
<input type="checkbox"/> Petals: reflexing of petals one-by-one	absent	absent
<input type="checkbox"/> *Petal: shape	obovate	rounded
<input type="checkbox"/> Petal: incisions	absent or very weak	absent or very weak

<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	medium to strong
<input type="checkbox"/>	Petal: undulation	weak	weak
<input type="checkbox"/>	*Petal: size	medium	medium to large
<input type="checkbox"/>	*Petal: length	medium	medium to long
<input type="checkbox"/>	*Petal: width	medium	Medium to broad
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input type="checkbox"/>	*Petal: intensity of colour	even	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS)	157D	155D
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	absent
<input type="checkbox"/>	*Petal: size of basal spot on inner side	very small	-
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	-
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS)	157D	155D
<input type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	medium yellow
<input type="checkbox"/>	Seed vessel: size	medium	medium
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	funnel- shaped	pitcher- shaped

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	2006	Granted	'JACsegra'
South Africa	2008	Applied for	'JACsegra'
EU	2008	Granted	'JACsegra'
New Zealand	2013	Applied for	'JACsegra'
Japan	2013	Applied for	'JACsegra'

First sold in USA in December 2006 ; first sold in Australia in June 2011 as 'Pope John Paul II'.

Description: **Finbarr O'Leary**, Dural, NSW

**Details of Application**

<b>Application Number</b>	2011/238
<b>Variety Name</b>	'WEKcisbako'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	
<b>Accepted Date</b>	21 February 2014
<b>Applicant</b>	Weeks Roses Ltd, Pomona, CA, USA.
<b>Agent</b>	Swanes Nurseries Australia Pty Ltd, Dural, NSW.
<b>Qualified Person</b>	Finbarr O'Leary

**Details of Comparative Trial**

<b>Location</b>	Dural, NSW
<b>Descriptor</b>	Rose (New) <i>Rosa</i> UPOV TG 11/8
<b>Period</b>	July 2010 – November 2012.
<b>Conditions</b>	Plants were budded on 'Dr Huey' roostock and raised in open beds.
<b>Trial Design</b>	Un-replicated rows with spacing of 0.75 metres between rows and plants. Approximately 15 – 20 plants per plot.
<b>Measurements</b>	Observations made on 10 plants taken at random.
<b>RHS Chart - edition</b>	2010

**Origin and Breeding**

Controlled pollination: 'Unnamed seedling' x 'Radrazz'. Pollen was applied to the seed parent. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialled. Selection criteria: Flower colour, disease resistance and plant growth habit. Propagation: vegetative. The seed parent is characterised by miniature plants with rounded compact habit producing small flowers with mid pink and white centre. The pollen parent is characterised by light red flowers with around 10 petals. Breeder: Tom Carruth, Weeks Wholesale Rose Grower, Inc., Upland, CA, USA

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

<b>Name</b>	<b>Comments</b>
'Radrazz'	Pollen parent

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth type	shrub
Flower	colour group	pink
Flower	type	single
Flower	diameter	small to medium

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

<b>Organ/Plant Part: Context</b>	<b>'WEKcisbako'</b>	<b>'RADrazz'</b>
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input checked="" type="checkbox"/> *Plant: growth habit	intermediate	semi upright

(excluding varieties with growth type climber)		
<input checked="" type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	absent
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	-
<input type="checkbox"/> Stem: number of prickles	medium to many	few to medium
<input type="checkbox"/> Prickles: predominant colour	purplish	reddish
<input type="checkbox"/> Leaf: size	medium	small
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	weak
<input type="checkbox"/> *Leaflet: undulation of margin	very weak to weak	weak to medium
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	acute
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	medium	few to medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	medium	few to medium
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	single	single
<input type="checkbox"/> *Flower: number of petals	very few	very few
<input type="checkbox"/> *Flower: colour group	pink	pink
<input checked="" type="checkbox"/> Flower: colour of the centre	yellow	pink
<input type="checkbox"/> Flower: density of petals	very loose	very loose
<input type="checkbox"/> *Flower: diameter	medium	small to medium
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flat	flat
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flat
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/> *Sepal: extensions	strong	strong
<input type="checkbox"/> Petals: reflexing of petals one-by-one	absent	absent
<input checked="" type="checkbox"/> *Petal: shape	obovate	obcordate
<input type="checkbox"/> Petal: incisions	very weak to weak	very weak to weak

<input type="checkbox"/> Petal: reflexing of margin	weak to medium	weak
<input type="checkbox"/> Petal: undulation	weak	weak
<input type="checkbox"/> *Petal: size	small to medium	small
<input type="checkbox"/> *Petal: length	short to medium	short
<input type="checkbox"/> *Petal: width	narrow to medium	narrow
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	lighter towards the base	-
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS)	53A	53C
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input type="checkbox"/> *Petal: size of basal spot on inner side	small	very small to small
<input checked="" type="checkbox"/> *Petal: colour of basal spot on inner side	light yellow	white
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS)	53C	54A
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	medium yellow	white

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	2006	Granted	'WEKcisbako'
Great Britain	2006	Granted	'WEKcisbako'
EU	2007	Granted	'WEKcisbako'
New Zealand	2011	Granted	'WEKcisbako'

First sold in USA in December 2008 as 'Home Run'; first sold in Australia in October 2011 as 'Home Run'

Description: **Finbarr O'Leary**, Dural, NSW

**Details of Application**

<b>Application Number</b>	2009/219
<b>Variety Name</b>	‘WEKvossutono’
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	
<b>Accepted Date</b>	9 November 2010
<b>Applicant</b>	Weeks Roses Ltd, Pomona, CA, USA.
<b>Agent</b>	Swanes Nurseries Australia Pty Ltd, Dural, NSW.
<b>Qualified Person</b>	Finbarr O’Leary

**Details of Comparative Trial**

<b>Location</b>	Dural, NSW
<b>Descriptor</b>	Rose (New) <i>Rosa</i> UPOV TG 11/8
<b>Period</b>	July 2010 – November 2012.
<b>Conditions</b>	Plants were budded on ‘Dr Huey’ roostock and raised in open beds.
<b>Trial Design</b>	Un-replicated rows with spacing of 0.75 metres between rows and plants. Approximately 15 – 20 plants per plot.
<b>Measurements</b>	Observations made on 10 plants taken at random.
<b>RHS Chart - edition</b>	2010

**Origin and Breeding**

Controlled pollination: ‘Unnamed seedling’ x ‘MACamster’. Pollen was applied to the seed parent. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialled. Selection criteria: Flower colour, disease resistance and plant growth habit. Propagation: vegetative. The seed parent is characterised by matte green foliage and soft orange flower colour. The pollen parent is characterised by upright growth habit, with amber gold flowers with slight fruity fragrance. Breeder: Tom Carruth, Weeks Wholesale Rose Grower, Inc., Upland, CA, USA

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

<b>Name</b>	<b>Comments</b>
‘Friesia’	

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth type	shrub
Plant	growth habit	semi upright
Flower	colour group	yellow
Flower	type	double
Flower	diameter	medium

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

<b>Organ/Plant Part: Context</b>	<b>‘WEKvossutono’</b>	<b>‘Friesia’</b>
<input checked="" type="checkbox"/> *Plant: growth type	shrub	shrub



<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	semi upright	semi upright
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> Stem: number of prickles	medium	medium
<input type="checkbox"/> Prickles: predominant colour	yellowish	yellowish
<input type="checkbox"/> Leaf: size	small to medium	small to medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	medium	weak to medium
<input type="checkbox"/> *Leaflet: undulation of margin	weak	weak to medium
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	narrow elliptic	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	acuminate
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few to medium	medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	medium	few to medium
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	medium to many	medium
<input type="checkbox"/> *Flower: colour group	yellow	yellow
<input type="checkbox"/> Flower: colour of the centre	yellow	yellow
<input checked="" type="checkbox"/> Flower: density of petals	medium	loose to medium
<input type="checkbox"/> *Flower: diameter	medium	medium
<input type="checkbox"/> *Flower: shape	round	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flat	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flat	flattened convex
<input checked="" type="checkbox"/> Flower: fragrance	strong	medium
<input type="checkbox"/> *Sepal: extensions	absent or very weak	medium
<input type="checkbox"/> Petals: reflexing of petals one-by-one	absent	absent
<input type="checkbox"/> *Petal: shape	rounded	rounded
<input type="checkbox"/> Petal: incisions	absent or very weak	weak
<input type="checkbox"/> Petal: reflexing of margin	weak	strong
<input type="checkbox"/> Petal: undulation	absent or very weak	weak
<input type="checkbox"/> *Petal: size	small to medium	medium to large
<input type="checkbox"/> *Petal: length	short to medium	medium to long
<input type="checkbox"/> *Petal: width	narrow to medium	medium to broad
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input type="checkbox"/> *Petal: intensity of colour	even	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS)	20A	11A

<input type="checkbox"/>	*Petal: basal spot on the inner side	absent	absent
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS)	20A	11A
<input type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	medium yellow
<input type="checkbox"/>	Seed vessel: size	small to medium	medium
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped
<input type="checkbox"/>	Hip: colour	green	green

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	2006	Granted	'WEKvossutono'
South Africa	2009	Applied for	'WEKvossutono'
EU	2007	Granted	'WEKvossutono'
New Zealand	2011	Granted	'WEKvossutono'

First sold in USA in December 2006 as 'Julia Child'; First sold in Australia in August 2009 as 'SoulMate'

Description: **Finbarr O'Leary**, Dural, NSW

**Details of Application**

<b>Application Number</b>	2013/130
<b>Variety Name</b>	'B42'
<b>Genus Species</b>	<i>Trifolium subterraneum</i> ssp <i>brachycalycinum</i>
<b>Common Name</b>	Subterranean Clover
<b>Synonym</b>	
<b>Accepted Date</b>	26 July 2013
<b>Applicant</b>	MIINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Development Institute), Adelaide, SA
<b>Agent</b>	
<b>Qualified Person</b>	Carolyn de Koning

**Details of Comparative Trial**

<b>Location</b>	Turretfield Research Centre, Rosedale, SA.
<b>Descriptor</b>	Subterranean clover <i>Trifolium subterraneum</i> , UPOV TG/170/3
<b>Period</b>	May 2013 - December 2013
<b>Conditions</b>	Forty - two peat jiffy pots per variety were sown with scarified seed on the 16th May 2013. Sown jiffy pots were placed outdoors on a propagation table and inoculated with a slurry of group C rhizobia. On the 18th June 2013 jiffy pots were transplanted into the prepared field site and watered in with seasoil. Soil conditions were damp and cool.
<b>Trial Design</b>	There were nine variety treatments x five replicates. The varieties were B42 x 2 generations, B55 x 2 generations, Mintaro, Rosedale, Clare, Clare2 and Antas. The DIGGER package was used to randomise treatments. Within each variety treatment, 8 jiffy pots were transplanted 75cm apart in a single row. This gave 6 plants with 2 spares per variety. In total each variety had 40 plants. A one meter pathway separated variety treatments and a 1.5 meter pathway between replicates.
<b>Measurements</b>	Leaflet-general shape, Leaflet-pattern of mark, Leaflet-degree of anthocyanin flush, Stipules-degree of anthocyanin flush, Time of start of flowering, Calyx tube-hue, Calyx tube-colour of hue, Calyx tube-distribution of coloration, Stem(runner)-degree of hairiness, Seed-colour, Seed-weight of 1,000 seeds and Seed- hard seed breakdown.

**Origin and Breeding**

Controlled pollination: 'Antas' x 'B14'. 'B14' is an experimental cross (Rosedale x Clare). The initial cross was made in 2006 by Mr. David Peck. B42 arose from selection over 4 successive (F1 to F4) generations. At the F2 generation, single plants were selected. F3 and F4 generations, selection was based on a row of 30 spaced plants with the best 15 plants selected. Selection was conducted at the Waite Agricultural Research Institute, Urrbrae, SA. Criteria for selection was based on growth scores, days to flower and hard seed levels greater than Antas.

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

similar Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	purplish black
Plant	time to first flower	midseason
Seed	weight	high

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

Name	Comments
'Clare'	
'Clare2'	very similar to 'Clare'

### **Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Antas'	Plant: time to first flower	midseason	late	

**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	'B42'	'Clare'	'Clare2'
<input checked="" type="checkbox"/> Leaflet: general shape	triangular	rounded	rounded
<input type="checkbox"/> *Leaflet: pattern of mark	a pair of arms and a crescent	a pair of arms and a crescent	a pair of arms and a crescent
<input checked="" type="checkbox"/> Leaflet: degree of flush	very strong	strong	strong
<input type="checkbox"/> Stipules: degree of anthocyanin colouration	medium	medium	medium
<input checked="" type="checkbox"/> *Time of: start of flowering	medium	medium	medium
<input type="checkbox"/> *Calyx tube: hue	absent	absent	absent
<input checked="" type="checkbox"/> *Stem (runner): degree of hairiness	absent or very weak	medium	medium
<input type="checkbox"/> *Seed: colour	purplish black	purplish black	purplish black
<input type="checkbox"/> Seed: weight of 1000 seeds	high	high	high
<input type="checkbox"/> *Seed: hard seed breakdown over four months	medium to fast	medium to fast	medium to fast

### **Characteristics Additional to the Descriptor/TG**

<input checked="" type="checkbox"/> Stem (runner): colour	red	green	green
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### **Statistical Table**

Organ/Plant Part: Context	'B42'	'Clare'	'Clare2'
<input checked="" type="checkbox"/> Flower: Time to first flower (days to first flowering from sowing)			
Mean	114.10	120.00	121.00
Std. Deviation	1.703	2.83	0.71
Lsd/sig	2.04	P≤0.01	P≤0.01
<input type="checkbox"/> Seed: 1000 seed weight (g)			
Mean	11.58	11.76	12.72

Std. Deviation	2.31	1.36	1.26
Lsd/sig	2.44	ns	ns

**Prior Applications and Sales**

Nil.

Description: **Carolyn de Koning**, Roseworthy, SA..

**Details of Application**

<b>Application Number</b>	2013/085
<b>Variety Name</b>	Monti
<b>Genus Species</b>	<i>Trifolium subterraneum</i> ssp <i>yanninicum</i>
<b>Common Name</b>	Subterranean Clover
<b>Synonym</b>	
<b>Accepted Date</b>	17 May 2013
<b>Applicant</b>	MIINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Development Institute), Adelaide, SA
<b>Agent</b>	
<b>Qualified Person</b>	Carolyn de Koning

**Details of Comparative Trial**

<b>Location</b>	Turretfield Research Centre, Rosedale, SA.
<b>Descriptor</b>	Subterranean clover <i>Trifolium subterraneum</i> , UPOV TG/170/3
<b>Period</b>	May 2013 - December 2013
<b>Conditions</b>	Forty - two peat jiffy pots per variety were sown with scarified seed on the 16th May 2013. Sown jiffy pots were placed outdoors on a propagation table and inoculated with a slurry of group C rhizobia. On the 18th June 2013 jiffy pots were transplanted into the prepared field site and watered in with Seasol. Soil conditions were damp and cool.
<b>Trial Design</b>	There were six variety treatments x five replicates. The DIGGER package was used to randomise treatments. Within each variety treatment, 8 jiffy pots were transplanted 50cm apart in a single row. This gave 6 plants with 2 spares per variety. In total each variety had 40 plants. A one meter pathway separated variety treatments and a 1.5 meter pathway between replicates.
<b>Measurements</b>	Leaflet-pattern of mark, Leaflet-degree of anthocyanin flecks, Leaflet-position of anthocyanin flecks, Stipules-degree of anthocyanin flush, Time of start of flowering, Calyx tube-hue, Calyx tube-colour of hue, Calyx tube-distribution of coloration, Stem (runner)-degree of hairiness, Seed-colour, Seed-1,000 seed weight, Seed-hard seed break down.

**Origin and Breeding**

Controlled pollination: '(Y85 x Meteora)' x 'Trikkala'. Y85 is an experimental line (Neuchatel x CPI39314YB). The initial cross was made in 1980 by Dr. Philip Beale. 'Monti' arose from a selection of single plants from five successive (F1 to F5) generations from the cross, each selected plant parenting the next generation. F1 selection was conducted at Lenswood, South Australia (SA); F2 grown at Parndana, SA; F3 to F4 at Lenswood, SA and final selection was in 1985 at Turretfield Research Centre, Rosedale, SA. Selection was based on growth scores, days to flower, isoflavone levels and Kabatiella resistance. Recent field evaluation was between 2007 to 2012 to confirm improved winter production over existing varieties in its maturity class. 'Y85' is early maturing and 'Meteora' is late maturing whereas the candidate is of medium maturity.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time of flowering	early to medium
Leaflet	pattern of mark	a pair of arms and a crescent
Calyx tube	hue	absent
Stem (runner)	degree of hairiness	absent or very weak
Seed	colour	cream
Seed	hard seed breakdown over four months	fast

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

Name	Comments
‘Trikkala’	pollen parent
‘Hatrik’	very similar to ‘Trikkala’

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Riverina’	Leaflet: Anthocyanin leaf flecks	present	absent	
‘Gosse’	Leaflet: Anthocyanin leaf flecks	present	absent	
‘Gosse’	Time of flowering	medium	late	

**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	‘Monti’	‘Hatrik’	‘Trikkala’
<input type="checkbox"/> *Leaflet: pattern of mark	a pair of arms and a crescent	a pair of arms and a crescent	a pair of arms and a crescent
<input checked="" type="checkbox"/> Leaflet: degree of anthocyanin flecks	medium	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Leaf: position of anthocyanin flecks	on both sides	-	-
<input checked="" type="checkbox"/> Stipules: degree of anthocyanin colouration	absent or very weak	weak	weak
<input type="checkbox"/> *Time of: start of flowering	early to medium	early to medium	early to medium
<input type="checkbox"/> *Calyx tube: hue	absent	absent	absent
<input type="checkbox"/> *Stem (runner): degree of hairiness	absent or very weak	absent or very weak	absent or very weak

<input type="checkbox"/> *Seed: colour	cream	cream	cream
<input type="checkbox"/> Seed: weight of 1000 seeds	medium	medium	medium
<input type="checkbox"/> *Seed: hard seed breakdown over four months	fast	fast	fast

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Monti'</b>	<b>'Hatrik'</b>	<b>'Trikkala'</b>
<input type="checkbox"/> Flower: Time to first flower (days to first flowering from sowing)			
Mean	110.30	109.80	108.20
Std. Deviation	1.70	1.64	0.84
Lsd/sig	1.52	ns	P≤0.01
<input type="checkbox"/> Seed: 1000 seed weight (g)			
Mean	8.75	8.44	8.64
Std. Deviation	0.69	1.26	1.02
Lsd/sig	1.20	ns	ns

### **Prior Applications and Sales**

First sold in Australia in April 2012.

Description: **Carolyn de Koning**, Roseworthy, SA..



<b>Details of Application</b>	
<b>Application Number</b>	2013/205
<b>Variety Name</b>	'Q252'
<b>Genus Species</b>	<i>Saccharum</i> hybrid
<b>Coon Name</b>	Sugarcane
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Sep 2013
<b>Applicant</b>	Sugar Research Australia Limited (SRA), Indooroopilly, QLD.
<b>Agent</b>	N/A
<b>Qualified Person</b>	George Piperidis
<b>Details of Comparative Trial</b>	
<b>Location</b>	26135, Peak Downs Highway, Te Kowai QLD
<b>Descriptor</b>	Sugarcane ( <i>Saccharum</i> ) TG/186/1
<b>Period</b>	Planted 17 September 2012; Descriptions taken 14-15 August 2013
<b>Conditions</b>	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Podzolic. Watering regime: rainfed. Chemicals: the fungicide Shirtan was applied at approximately 60ml per hectare at planting. The insecticide Talstar (150mL/ha) was applied to control wireworms. SuSCon maxi was also applied at 15kg/ha to control greyback canegrub. The herbicide Stomp (3L/ha) and Atradex (2.2kg/ha) were applied 25/09/2012 to control weeds. Fertiliser: DAP applied 120kg/ha at planting and side dressed with 500kg/ha Ratooner2 (8/10/2012). Total nutrients: 141.6kg N 46.5kg P 75kg K 13.4kg S.
<b>Trial Design</b>	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
<b>Measurements</b>	Taken from up to 10 stalks sampled randomly per plot.
<b>RHS Chart - edition</b>	2001

### **Origin and Breeding**

Controlled pollination: The variety is the progeny of a controlled bi-parental cross made by Sugar Research Australia between the seed parent 'Q208' and the pollen parent 'Q96'. Seed was collected from the pollinated female inflorescences and stored for germination in 2000. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Brandon station and sites within the sugarcane growing area in the Burdekin region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: SRA Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	cross-section	circular
Leaf sheath	shape of underlapping auricle	lanceolate

**Most Similar Varieties of Coon Knowledge identified (VCK)**

Name	Comments
'Q138'	
'Q208'	female parent
'Q250'	

**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	'Q252'	'Q138'	'Q208'	'Q250'
<input type="checkbox"/> *Internode: shape	slightly bobbin-shaped	bobbin-shaped to cylindrical	conoidal	slightly bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular
<input type="checkbox"/> Internode: depth of growth crack	very shallow to shallow	absent or very shallow	shallow	absent or very shallow
<input checked="" type="checkbox"/> *Internode: expression of zigzag alignment	weak to moderate	moderate to strong	moderate	moderate
<input type="checkbox"/> Internode: waxiness	weak to medium	weak	weak to medium	weak to medium
<input checked="" type="checkbox"/> *Node: shape of bud	round	ovate	ovate	oval
<input checked="" type="checkbox"/> Node: depth of bud groove	medium to deep	shallow	shallow	absent or very shallow
<input checked="" type="checkbox"/> Node: length of bud groove	long	short	short to medium	short
<input type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	clearly below	clearly below	clearly below
<input checked="" type="checkbox"/> Leaf sheath: number of hairs	very few to few	few to medium	absent or very few	absent or very few
<input checked="" type="checkbox"/> Leaf sheath: length of hairs	medium	medium		short
<input type="checkbox"/> Leaf sheath: shape of ligule	deltoid	crescent-shaped	crescent-shaped	crescent-shaped and deltoid
<input type="checkbox"/> Leaf sheath: ligule width	wide	wide	medium	wide
<input type="checkbox"/> Leaf sheath: shape of underlapping auricle	lanceolate	lanceolate	lanceolate	lanceolate
<input checked="" type="checkbox"/> Leaf sheath: size of underlapping auricle	medium	medium	small	small

<input checked="" type="checkbox"/> Leaf sheath: shape of overlapping auricle	transitional	lanceolate	lanceolate	deltoid
<input type="checkbox"/> Leaf sheath: size of overlapping auricle	not applicable	small	small	small

### Statistical Table

Organ/Plant Part: Context	'Q252'	'Q138'	'Q208'	'Q250'
<input checked="" type="checkbox"/> Leaf blade: length (cm)				
Mean	140.30	153.80	134.30	130.80
Std. Deviation	6.20	6.50	5.90	4.40
LSD/sig	6.6	P $\leq$ 0.01	ns	P $\leq$ 0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)				
Mean	39.00	48.40	36.00	48.50
Std. Deviation	2.30	4.80	4.60	3.50
LSD/sig	3.8	P $\leq$ 0.01	ns	P $\leq$ 0.01
<input checked="" type="checkbox"/> Leaf: ratio leaf blade width/midrib width				
Mean	8.14	8.36	8.37	10.10
Std. Deviation	0.62	1.01	0.97	0.68
LSD/sig	0.87	ns	ns	P $\leq$ 0.01
<input type="checkbox"/> Leaf sheath: length (mm)				
Mean	351.00	316.60	336.90	287.70
Std. Deviation	26.00	23.20	12.00	11.00
LSD/sig	21.8	P $\leq$ 0.01	ns	P $\leq$ 0.01
<input checked="" type="checkbox"/> Leaf : midrib width(mm)				
Mean	4.80	5.80	4.30	4.80
Std. Deviation	0.40	0.70	0.40	0.40
LSD/sig	0.6	P $\leq$ 0.01	ns	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)				
Mean	8.90	11.20	9.60	10.50
Std. Deviation	0.70	0.80	0.80	0.60
LSD/sig	1.3	P $\leq$ 0.01	ns	P $\leq$ 0.01

### Prior Applications and Sales

Nil

Description: **George Piperidis**, Sugar Research Australia Limited (SRA), Indooroopilly, QLD.

<b>Details of Application</b>	
<b>Application Number</b>	2013/208
<b>Variety Name</b>	'Q256'
<b>Genus Species</b>	<i>Saccharum</i> hybrid
<b>Coon Name</b>	Sugarcane
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Sep 2013
<b>Applicant</b>	Sugar Research Australia Limited (SRA), Indooroopilly, QldLD.
<b>Agent</b>	N/A
<b>Qualified Person</b>	George Piperidis
<b>Details of Comparative Trial</b>	
<b>Location</b>	26135 Peak Downs Highway, Te Kowai QLD
<b>Descriptor</b>	Sugarcane ( <i>Saccharum</i> ) TG/186/1
<b>Period</b>	Planted 17 September 2012; Descriptions taken 14-15 August 2013
<b>Conditions</b>	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Podzolic. Watering regime: rainfed. Chemicals: the fungicide Shirtan was applied at approximately 60ml per hectare at planting. The insecticide Talstar (150mL/ha) was applied to control wireworms. SuSCon maxi was also applied at 15kg/ha to control greyback canegrub. The herbicide Stomp (3L/ha) and Atradex (2.2kg/ha) were applied 25/09/2012 to control weeds. Fertiliser: DAP applied 120kg/ha at planting and side dressed with 500kg/ha Ratooner2 (8/10/2012). Total nutrients: 141.6kg N 46.5kg P 75kg K 13.4kg S.
<b>Trial Design</b>	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
<b>Measurements</b>	Taken from up to 10 stalks sampled randomly per plot.
<b>RHS Chart - edition</b>	2001
<b>Origin and Breeding</b>	
Controlled pollination: The variety is the progeny of a controlled bi-parental cross made by Sugar Research Australia between the seed parent 'N21' and the pollen parent 'Q135'. Seed was collected from the pollinated female inflorescences and stored for germination in 2002. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Meringa station and sites within the sugarcane growing area in the northern region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: SRA Limited.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Coon Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
'Internode'	cross-section	circular
<b>Most Similar Varieties of Coon Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'N21'	'N21' is also the female parent	
'Q135'	'Q135' is also the male parent	
'Q241'		
'Q250'		

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

<b>Organ/Plant Part: Context</b>	<b>'Q256'</b>	<b>'N21'</b>	<b>'Q135'</b>	<b>'Q241'</b>	<b>'Q250'</b>
<input checked="" type="checkbox"/> *Internode: shape	slightly concave-convex	cylindrical	bobbin-shaped to cylindrical	cylindrical	slightly bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular	circular
<input checked="" type="checkbox"/> *Internode: expression of zigzag alignment	moderate	weak	weak	weak	moderate
<input type="checkbox"/> Internode: waxiness	medium	medium	medium to strong	weak to medium	weak to medium
<input checked="" type="checkbox"/> Node: wax ring	wide	medium to wide	medium	narrow	medium
<input checked="" type="checkbox"/> *Node: shape of bud	round to oval	round	ovate	oval	oval
<input checked="" type="checkbox"/> Node: bud prominence	weak	weak to medium	medium	medium to strong	weak to medium
<input checked="" type="checkbox"/> Node: depth of bud groove	absent or very shallow	shallow	shallow to medium	absent or very shallow	absent or very shallow
<input type="checkbox"/> Node: bud tip in relation to growth ring	clearly below	clearly below	intermediate	intermediate	clearly below
<input checked="" type="checkbox"/> Node: bud cushion	absent or very narrow	narrow	medium	absent or very narrow	very narrow to narrow
<input checked="" type="checkbox"/> Leaf sheath: number of hairs	medium	few	very few to few	very few to few	absent or very few
<input checked="" type="checkbox"/> Leaf sheath: length of hairs	medium	short to medium	short to medium	short	short
<input type="checkbox"/> Leaf sheath: shape of ligule	crescent-shaped	deltoid	deltoid	crescent-shaped	crescent-shaped and deltoid
<input type="checkbox"/> Leaf sheath: ligule width	medium	wide	wide	medium	wide
<input checked="" type="checkbox"/> Leaf sheath: length of ligule hairs	medium	short	medium	short	medium to long

<input checked="" type="checkbox"/> Leaf sheath: density of ligule hairs	dense	medium	medium	sparse	dense
<input type="checkbox"/> Leaf sheath: shape of underlapping auricle	lanceolate	lanceolate	lanceolate	dentoid	lanceolate
<input checked="" type="checkbox"/> Leaf sheath: size of underlapping auricle	small	small	large	small	small
<input checked="" type="checkbox"/> Leaf sheath: shape of overlapping auricle	transitional	deltoid	lanceolate	transitional	deltoid
<input type="checkbox"/> Leaf sheath: size of overlapping auricle	not applicable	small	small	not applicable	small

### Statistical Table

Organ/Plant Part: Context	'Q256'	'N21'	'Q135'	'Q241'	'Q250'
<input checked="" type="checkbox"/> Internode: length (cm)					
Mean	15.10	17.30	18.80	16.00	16.70
Std. Deviation	1.00	2.20	1.40	1.40	1.00
LSD/sig	1.5	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: length (cm)					
Mean	140.20	134.40	156.10	134.70	130.80
Std. Deviation	7.40	7.10	7.90	6.30	4.40
LSD/sig	6.6	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)					
Mean	34.60	38.40	38.90	49.10	48.50
Std. Deviation	4.00	3.20	3.40	4.20	3.50
LSD/sig	3.8	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: ration leaf blade width / midrib width					
Mean	6.79	7.71	8.03	9.70	10.10
Std. Deviation	0.97	1.28	0.65	0.93	0.68
LSD/sig	0.87	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf sheath : length (mm)					
Mean	352.70	302.20	371.00	307.10	287.70
Std. Deviation	18.40	19.30	13.00	19.40	11.00
LSD/sig	21.8	P≤0.01	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Midrib: width (mm)					
Mean	5.10	5.10	4.90	5.10	4.80
Std. Deviation	0.50	0.70	0.50	0.30	0.40
LSD/sig	0.6	ns	ns	ns	ns

### Prior Applications and Sales

NilDescription: **George Piperidis**, Sugar Research Australia Limited (SRA), Indooroopilly, Qld.

<b>Details of Application</b>	
<b>Application Number</b>	2013/207
<b>Variety Name</b>	'Q254'
<b>Genus Species</b>	<i>Saccharum</i> hybrid
<b>Coon Name</b>	Sugarcane
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Sep 2013
<b>Applicant</b>	Sugar Research Australia Limited (SRA), Indooroopilly, QLD.
<b>Agent</b>	N/A
<b>Qualified Person</b>	George Piperidis
<b>Details of Comparative Trial</b>	
<b>Location</b>	26135 Peak Downs Highway, Te Kowai, QLD
<b>Descriptor</b>	Sugarcane ( <i>Saccharum</i> ) TG/186/1
<b>Period</b>	Planted 17 September 2012: Descriptions taken 14-15 August 2013
<b>Conditions</b>	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: Podzolic. Watering regime: rainfed. Chemicals: the fungicide Shirtan was applied at approximately 60ml per hectare at planting. The insecticide Talstar (150mL/ha) was applied to control wireworms. SuSCon maxi was also applied at 15kg/ha to control greyback canegrub. The herbicide Stomp (3L/ha) and Atradex (2.2kg/ha) were applied 25/09/2012 to control weeds. Fertiliser: DAP applied 120kg/ha at planting and side dressed with 500kg/ha Ratooner2 (8/10/2012). Total nutrients: 141.6kg N 46.5kg P 75kg K 13.4kg S.
<b>Trial Design</b>	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
<b>Measurements</b>	Taken from up to 10 stalks sampled randomly per plot.
<b>RHS Chart - edition</b>	2001
<b>Origin and Breeding</b>	
Controlled pollination: The variety is the progeny of a controlled bi-parental cross made by Sugar Research Australia between the seed parent 'QN80-3425' and the pollen parent 'Q162'. Seed was collected from the pollinated female inflorescences and stored for germination in 1997. The variety has since been evaluated and selected by Sugar Research Australia in yield trials on the Bundaberg station and sites within the sugarcane growing area in the Bundaberg and NSW regions. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: SRA Limited.	

<b>Choice of Comparators</b> Characteristics used for grouping varieties to identify the most similar Variety of Coon Knowledge		
<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Internode	cross-section	circular
Node	depth of bud groove	shallow
<b>Most Similar Varieties of Coon Knowledge identified (VCK)</b>		
<b>Name</b>	<b>Comments</b>	
'QN80-3425'	QN80-3425 is also the female parent	
'Q234'		
'Q243'		

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

<b>Organ/Plant Part: Context</b>	<b>'Q254'</b>	<b>'Q234'</b>	<b>'Q243'</b>	<b>'QN80-3425'</b>
<input checked="" type="checkbox"/> *Internode: shape	cylindrical	bobbin-shaped	cylindrical to concave-convex	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular
<input checked="" type="checkbox"/> *Internode: expression of zigzag alignment	moderate to strong	weak to moderate	weak	weak to moderate
<input checked="" type="checkbox"/> Internode: waxiness	medium to strong	medium to strong	weak	medium to strong
<input checked="" type="checkbox"/> Node: wax ring	wide	narrow	medium	narrow to medium
<input checked="" type="checkbox"/> *Node: shape of bud	oval	ovate	ovate	oval
<input checked="" type="checkbox"/> Node: bud prominence	medium to strong	medium	weak to medium	weak to medium
<input checked="" type="checkbox"/> Node: depth of bud groove	shallow	shallow	shallow	absent or very shallow
<input type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate	clearly above
<input checked="" type="checkbox"/> Node: bud cushion	absent or very narrow	medium to wide	narrow to medium	very narrow to narrow
<input checked="" type="checkbox"/> Leaf sheath: number of hairs	very few to few	few to medium	very few to few	absent or very few
<input checked="" type="checkbox"/> Leaf sheath: length of hairs	medium	medium	short	
<input type="checkbox"/> Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	deltoid	deltoid
<input type="checkbox"/> Leaf sheath: ligule width	wide	medium	wide	wide
<input checked="" type="checkbox"/> Leaf sheath: length of ligule hairs	short	short to medium	short to medium	medium to long
<input type="checkbox"/> Leaf sheath: shape of underlapping auricle	lanceolate	falcate	lanceolate	lanceolate



<input checked="" type="checkbox"/> Leaf sheath: size of underlapping auricle	small	small to medium	medium	large
<input type="checkbox"/> Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional	deltoid
<input type="checkbox"/> Leaf sheath: size of overlapping auricle	not applicable	not applicable	not applicable	small

**Statistical Table**

Organ/Plant Part: Context	'Q254'	'Q234'	'Q243'	'QN80-3425'
<input checked="" type="checkbox"/> Internode: length (cm)				
Mean	18.40	18.60	17.90	15.70
Std. Deviation	1.00	1.40	1.30	0.80
LSD/sig	1.5	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Internode: diameter(mm)				
Mean	28.50	26.40	24.10	23.50
Std. Deviation	2.30	3.20	2.30	1.90
LSD/sig	2.5	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: length (cm)				
Mean	162.40	137.70	141.50	142.80
Std. Deviation	7.50	8.10	11.90	7.40
LSD/sig	6.6	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)				
Mean	48.40	50.00	31.50	43.60
Std. Deviation	4.90	4.20	3.80	3.70
LSD/sig	3.8	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: ratio leaf blade width/midrib width				
Mean	7.78	9.15	8.19	8.82
Std. Deviation	0.73	1.14	1.47	1.02
LSD/sig	0.87	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf sheath: length (mm)				
Mean	372.10	311.70	311.40	336.70
Std. Deviation	22.30	20.40	16.40	17.70
LSD/sig	21.8	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: midrib width (mm)				
Mean	6.20	5.50	3.90	5.00
Std. Deviation	0.50	0.50	0.50	0.50
LSD/sig	0.6	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Node: width of root band (mm)				
Mean	11.30	12.40	9.80	10.00
Std. Deviation	1.10	1.60	0.90	0.90
LSD/sig	1.3	ns	P≤0.01	ns

**Prior Applications and Sales**

Nil

Description: **George Piperidis**, Sugar Research Australia Limited (SRA), Indooroopilly, QLD.

**Details of Application**

<b>Application Number</b>	2012/240
<b>Variety Name</b>	'Ability'
<b>Genus Species</b>	<i>Festuca arundinacea</i>
<b>Common Name</b>	Tall Fescue
<b>Synonym</b>	Temptation
<b>Accepted Date</b>	19 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Meadow Fescue/Tall Fescue <i>Festuca arundinacea</i> UPOV TG/39/8
<b>Period</b>	May 2012 – December 2012
<b>Conditions</b>	Planting date: 17 <sup>th</sup> May 2012. Replicates: 10 Sample size: 80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Controlled open pollination: 'Dovey' x *Festulolium* 'HZ5DK'. Seeds were harvested from 'Dovey' and from the resulting population, plants were selected for forage yield, seed yield, disease resistance, growth habit and heading date. Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	type	continental
Plant	ploidy	hexaploid
Foliage	fineness	coarse
Plant	time of inflorescence emergence	very early to early

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

<b>Name</b>	<b>Comments</b>
'Dovey'	seed parent
'Jessup'	
QuantumII	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Carmane'	winter-	low	high	

	growth				
‘Pastoral’	days to flowering after vernalisation	very early	early		
‘Advance’	days to flowering after vernalisation	very early	very late		
‘Demeter’	days to flowering after vernalisation	very early	medium to late		
‘Demeter’	winter growth	low	medium		
‘HZ5DK’	days to flowering after vernalisation	very early	late		pollen parent

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

Organ/Plant Part: Context	‘Ability’	‘Dovey’	‘Jessup’	‘Quantum II’
<input type="checkbox"/> *Ploidy:	hexaploid	hexaploid	hexaploid	hexaploid
<input type="checkbox"/> Foliage: fineness	coarse	coarse	coarse	coarse
<input checked="" type="checkbox"/> *Leaf: intensity of green colour during vegetative growth stage	light	medium	medium	light to medium
<input checked="" type="checkbox"/> Plant: tendency to form inflorescences	strong	strong	strong	weak to medium
<input type="checkbox"/> Plant: natural height after vernalisation	medium	long	long	medium to long
<input checked="" type="checkbox"/> *Plant: time of inflorescence emergence	very early	early	early	early
<input type="checkbox"/> Plant: growth habit at inflorescence emergence	intermediate	erect	erect	intermediate to semi-prostrate
<input type="checkbox"/> Plant: natural height at inflorescence emergence	medium	long	long	medium to long
<input type="checkbox"/> *Stem: length of longest stem including inflorescence	medium	long	long	medium to long
<input type="checkbox"/> *Flag leaf: width	narrow	wide	wide	wide
<input checked="" type="checkbox"/> Inflorescence: length	medium	medium	medium	short

<input type="checkbox"/> *Flag leaf: length on representative stem	medium	medium	short to medium	medium
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### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Ability'</b>	<b>'Dovey'</b>	<b>'Jessup'</b>	<b>'Quantum II'</b>
<input checked="" type="checkbox"/> Plant: heading date ( days from 1 <sup>st</sup> October 2012)				
Mean	46.40	51.63	51.78	53.89
Std. Deviation	2.91	2.53	2.58	3.77
Lsd/sig	3.91	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: flag leaf length(cm)				
Mean	23.05	23.10	20.91	23.13
Std. Deviation	2.23	1.47	2.45	1.43
Lsd/sig	2.53	ns	ns	ns
<input type="checkbox"/> Plant: flag leaf width(cm)				
Mean	0.78	0.93	0.95	0.90
Std. Deviation	0.07	0.05	0.09	0.08
Lsd/sig	0.09	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: stem length(cm)				
Mean	92.48	96.02	96.78	82.47
Std. Deviation	3.89	5.08	6.15	6.55
Lsd/sig	6.88	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: internode length(cm)				
Mean	40.97	42.10	40.16	34.36
Std. Deviation	4.69	2.82	6.09	3.23
Lsd/sig	5.51	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: inflorescence length(cm)				
Mean	21.07	22.45	23.73	18.73
Std. Deviation	2.12	1.05	2.09	2.08
Lsd/sig	2.2	ns	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.

**Details of Application**

<b>Application Number</b>	2012/241
<b>Variety Name</b>	'Anywhere'
<b>Genus Species</b>	<i>Festuca arundinacea</i>
<b>Common Name</b>	Tall Fescue
<b>Synonym</b>	Attitude
<b>Accepted Date</b>	19 November 2013
<b>Applicant</b>	Valley Seeds Pty Ltd, Yarck, VIC.
<b>Agent</b>	
<b>Qualified Person</b>	Anthony Leddin

**Details of Comparative Trial**

<b>Location</b>	Yambuk, VIC
<b>Descriptor</b>	Meadow Fescue/Tall Fescue <i>Festuca arundinacea</i> UPOV TG/39/8
<b>Period</b>	May 2012 – December 2012
<b>Conditions</b>	Planting date: 17 <sup>th</sup> May 2012. Replicates: 10 Sample size: 80 Soil: loam. Irrigation: Nil. Fertiliser: 100kg DAP/ha at sowing. Plant/row spacing: 20cm/50cm Number of plants per replicate: 8
<b>Trial Design</b>	RCBD
<b>Measurements</b>	60 random samples for measurements.

**Origin and Breeding**

Controlled open pollination: 'Fletcha' x 'Prosper'. Seeds were harvested from 'Flecha' and from the resulting population, six plants which were medium flowering with high dry matter and seed yield were selected and bulked to form the new variety. Breeder: Valley Seeds, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	type	mediterranean
Plant	ploidy	hexaploid
Plant	tendency to form inflorescences	strong
Plant	time of inflorescence emergence	very early
Plant	growth habit at inflorescence emergence	semi-erect

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

<b>Name</b>	<b>Comments</b>
'Flecha'	seed parent
'Prosper'	pollen parent

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing</b>	<b>State of Expression in</b>	<b>State of Expression in</b>	<b>Comments</b>
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	<b>Characteristics</b>	<b>Candidate Variety</b>	<b>Comparator Variety</b>
‘Resolute II’	days to flowering after vernalisation	medium	early
‘Fraydo’	days to flowering after vernalisation	medium	early
‘Origin’	days to flowering after vernalisation	medium	early - medium
‘Charlem’	days to flowering after vernalisation	medium	early - medium
‘Resolute’	days to flowering after vernalisation	medium	early
‘Carmane’	summer activity	low	high
‘Pastoral’	summer activity	low	high
‘Medallion’	summer activity	low	medium

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

<b>Organ/Plant Part: Context</b>	<b>‘Anywhere’</b>	<b>‘Flecha’</b>	<b>‘Prosper’</b>
<input type="checkbox"/> *Ploidy:	hexaploid	hexaploid	hexaploid
<input type="checkbox"/> Foliage: fineness	coarse	fine	medium
<input type="checkbox"/> *Leaf: intensity of green colour during vegetative growth stage	medium	medium	medium
<input type="checkbox"/> Plant: tendency to form inflorescences	strong	strong	strong
<input checked="" type="checkbox"/> Plant: natural height after vernalisation	long	medium	short

<input type="checkbox"/> *Plant: time of inflorescence emergence	very early	very early	very early
<input type="checkbox"/> Plant: growth habit at inflorescence emergence	semi-erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> Plant: natural height at inflorescence emergence	long	medium	short
<input type="checkbox"/> *Stem: length of longest stem including inflorescence	long	medium	short
<input checked="" type="checkbox"/> *Flag leaf: width	wide	narrow	medium
<input type="checkbox"/> Inflorescence: length	long	medium	medium
<input type="checkbox"/> *Flag leaf: length on representative stem	long	medium to long	medium to long

### Statistical Table

Organ/Plant Part: Context	'Anywhere'	'Flecha'	'Prosper'
<input checked="" type="checkbox"/> Plant: heading date ( days from 1 <sup>st</sup> October 2012)			
Mean	42.32	39.10	41.27
Std. Deviation	3.33	1.77	4.82
Lsd/sig	4.08	ns	ns
<input type="checkbox"/> Plant: vegetative leaf length(cm)			
Mean	31.84	27.03	24.72
Std. Deviation	2.33	2.60	1.66
Lsd/sig	2.88	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: vegetative leaf width(cm)			
Mean	0.85	0.59	0.67
Std. Deviation	0.04	0.05	0.06
Lsd/sig	0.07	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: stem length(cm)			
Mean	123.26	111.45	105.74
Std. Deviation	5.33	9.95	5.83
Lsd/sig	8.07	P≤0.01	P≤0.01
Plant: internode length(cm)			
Mean	72.20	61.95	59.73
Std. Deviation	6.63	6.17	6.63
Lsd/sig	7.13	P≤0.01	P≤0.01
Plant: inflorescence length(cm)			
Mean	30.97	26.12	27.06
Std. Deviation	1.82	1.92	3.42
Lsd/sig	3.30	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: flag leaf length(cm)			
Mean	23.61	19.68	19.68
Std. Deviation	2.15	2.12	1.90
Lsd/sig	2.74	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: flag leaf width(cm)			
Mean	0.77	0.49	0.59
Std. Deviation	0.04	0.07	0.05
Lsd/sig	0.06	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: flag leaf length: width ratio			
Mean	31.21	42.82	33.57

Std. Deviation	2.75	4.50	2.66
Lsd/sig	4.02	P≤0.01	P≤0.01

**Prior Applications and Sales**

Nil.

Description: **Anthony Leddin**, Yambuk, VIC.



**Details of Application**

<b>Application Number</b>	2011/189
<b>Variety Name</b>	'Crackerjack 2'
<b>Genus Species</b>	<i>xTriticosecale</i>
<b>Common Name</b>	Triticale
<b>Synonym</b>	CJ.2
<b>Accepted Date</b>	10 November 2011
<b>Applicant</b>	Plant and Food Research, New Zealand
<b>Agent</b>	Heritage Seeds, Howlong, NSW.
<b>Qualified Person</b>	Allen Newman

**Details of Comparative Trial**

<b>Location</b>	Howlong, NSW
<b>Descriptor</b>	Triticale <i>xTriticosecale</i> UPOT TG 121/3.
<b>Period</b>	May 2012- December 2012
<b>Conditions</b>	Trial was sown on the 10th May 2012 in to a well cultivated and moist seed bed. 100kg/ha of MAP fertiliser was applied just prior to sowing. Seed germination was very good making full and even plots. Fertility and weeds were controlled to best practise.
<b>Trial Design</b>	Trial design was created using the computer program "Genstat". Each entry was replicated 4 times in the trial with each plot being 5m in length and 1.2m wide.
<b>Measurements</b>	Measurements were taken as per the UPOV guide for Triticale as well as some plant measurements of the flag leaf width, flag leaf length and ear length (not including awns)

**Origin and Breeding**

Controlled pollination: 'Juanillo 159' (Trujillo in Spain) x 'CFR4372'. During 1991 F1-F3 multiplications and selections were undertaken in the glasshouse. Further field evaluations were completed between 1993-1997, field assessments for high forage yield, good agronomics and disease assessments. This bulk was then kept in CFR's gene bank. Selections were taken from this and sent to Heritage Seeds Australia which resulted in 'Crackerjack' being released in 2001. In 2002 this bulk was sown out and evaluated as Autumn sown material, segregation was observed in the field and from 2002-2005 a second round of single head selection and evaluation was completed. In 2006 CFR03-CJ2 was sent to Canberra, ACT for grow out and the seed passed on for evaluation by Heritage Seeds at Howlong, NSW. The seed parent is early maturing. Breeder: Andy Hay, Plant and Food Research.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	ploidy	hexaploid
Plant	Seasonal type	alternative
Plant	frequency of recurved leaves	high
Plant	Time of ear emergence	late
Leaf	Strip rust resistance	resistant

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

Name	Comments
'Endeavour	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Jackie'	Leaf: stripe reaction	resistant	susceptible	
Cracker-Jack'	Leaf: stripe reaction	resistant	moderately susceptible	
'Pacific Falcon'	Plant: growth habit	semi-erect to intermediate	prostrate	
'Maiden'	Stem: density of hairiness of neck	strong	weak	
'Monstress'	Flag leaf: glaucosity of sheath	weak to medium	strong	
'Break-Well'	Flag leaf: width	broad	medium	
'Grana-Dor'	Plant: growth habit	semi-erect to intermediate	erect	
'Tubruk'	Plant: seasonal type	alternative	winter	
'Rufus'	Ear: distribution of awns	fully awned	tip awned	
'Yukuri'	Ear: distribution of awns	fully awned	tip awned	

**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	'Crackerjack 2'	'Endeavour'
<input type="checkbox"/> *Ploidy:	hexaploid	hexaploid
<input checked="" type="checkbox"/> *Plant: growth habit	semi-erect to intermediate	intermediate to semi-prostrate
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	high	high
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	very strong	very weak to weak

<input type="checkbox"/> *Time of: ear emergence	late	late
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	medium
<input type="checkbox"/> Awn: anthocyanin colouration	weak to medium	medium
<input checked="" type="checkbox"/> Anthers: anthocyanin colouration	medium	weak
<input type="checkbox"/> Flag leaf: length of blade	long	medium to long
<input type="checkbox"/> Flag leaf: width of blade	broad	medium to broad
<input type="checkbox"/> Ear: glaucosity	weak to medium	weak to medium
<input checked="" type="checkbox"/> *Stem: density of hairiness of neck	strong	medium
<input type="checkbox"/> *Plant: length	medium	medium to long
<input checked="" type="checkbox"/> *Ear: distribution of awns	fully awned	half awned
<input checked="" type="checkbox"/> *Awns above the tip of ear: length	medium to long	short to medium
<input type="checkbox"/> *Lower glume: length of first beak	medium	short to medium
<input checked="" type="checkbox"/> Lower glume: size of second beak	large	small
<input type="checkbox"/> *Lower glume: hairiness on external surface	present	present
<input type="checkbox"/> Straw: pith in cross section	thin	thin
<input type="checkbox"/> Ear: colour	slightly coloured	slightly coloured
<input type="checkbox"/> Ear: density	dense	medium to dense
<input type="checkbox"/> Ear: length excluding awns	medium to long	medium to long
<input type="checkbox"/> Ear: width in profile view	medium to broad	medium to broad
<input checked="" type="checkbox"/> *Grain: colouration with phenol	medium	very dark
<input type="checkbox"/> *Seasonal type:	alternative type	alternative type

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Crackerjack 2'</b>	<b>'Endeavour'</b>
<input checked="" type="checkbox"/> Flag leaf: width(cm)		
Mean	2.14	1.74
Std. Deviation	0.21	0.21
Lsd/sig	0.05	P≤0.01
<input checked="" type="checkbox"/> Flag leaf : length(cm)		
Mean	22.03	20.93
Std. Deviation	1.02	1.02
Lsd/sig	1.00	P≤0.01
<input checked="" type="checkbox"/> Ear:length(cm) (excluding awns)		
Mean	13.06	11.82
Std. Deviation	0.67	0.67

Lsd/sig

0.39

$P \leq 0.01$

**Prior Applications and Sales**

Nil.

Description: **Allen Newman**, Heritage Seeds, Howlong, NSW.

<b>Details of Application</b>	
<b>Application Number</b>	2013/152
<b>Variety Name</b>	'Manning'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Coon Name</b>	Wheat
<b>Synonym</b>	Nil
<b>Accepted Date</b>	31 Jul 2013
<b>Applicant</b>	CSIRO Plant Industry, Black Mountain ACT, Grains Research and Development Corporation, Barton, ACT.
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ross Downes

### **Details of Comparative Trial**

<b>Location</b>	Canberra, ACT
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ), TG/3/11 + Corr
<b>Period</b>	May to December 2013
<b>Conditions</b>	CSIRO Ginninderra Research Station, Canberra ACT. Seeds were sown in pre-irrigated soil in May 2013 in an open field and grown under dryland conditions.
<b>Trial Design</b>	Plots (2 x 10 sq m) in a randomised complete block with two replications
<b>Measurements</b>	Observations were made on ten randomly selected plants per replicate in November to December 2013.
<b>RHS Chart - edition</b>	N/A.

### **Origin and Breeding**

Controlled pollination: Crossed between breeding line 'H205.1' and pollen parents 'LH50M16' and Savannah were made in 2001. The F2 was sown in the field and selections made on appearance, disease resistance and flowering time. Progeny were grown in ear rows for three generations. 'CS9274' was selected on yield and individual plants were selected on BYDV resistance using the ByAgi marker. Seed was sown in plots and the highest yielding line was selected. Breeder: Susan Kleven, CSIRO Plant Industry, Black Mountain ACT.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flowering	time	late
Plant	growth habit	erect
Ear	glaucosity	strong
Ear	density	medium
Seasonal	type	winter type

**Most Similar Varieties of Coon Knowledge identified (VCK)**

Name	Comments
'Brennan'	
'Mackellar'	
'SQP Revenue'	

**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	'Manning'	'Brennan'	'Mackellar'	'SQP Revenue'
<input type="checkbox"/> *Plant: growth habit	erect	erect	erect	erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low	absent or very low	absent or very low
<input checked="" type="checkbox"/> *Time of: ear emergence	late	medium	medium to late	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	strong	strong	strong
<input type="checkbox"/> *Ear: glaucosity	strong	strong	strong	strong
<input type="checkbox"/> Culm: glaucosity of neck	strong	strong	strong	strong
<input checked="" type="checkbox"/> *Plant: length	short	medium to long	short to medium	medium
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	medium	thin	thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	parallel sided	parallel sided
<input type="checkbox"/> *Ear: density	medium	medium	medium	medium
<input checked="" type="checkbox"/> Ear: length	long	medium	short	medium to long
<input type="checkbox"/> *Awns or scurs: presence	scurs present	scurs present	scurs present	scurs present
<input checked="" type="checkbox"/> *Awns of scurs at tip of ear: length	short	medium	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	medium	medium	medium	medium
<input checked="" type="checkbox"/> Lower glume: shoulder width	broad	medium	narrow	broad
<input checked="" type="checkbox"/> Lower glume: shoulder shape	straight	slightly sloping	sloping	straight
<input type="checkbox"/> Lower glume: beak length	medium	medium	medium	medium
<input checked="" type="checkbox"/> Lower glume: beak shape	slightly curved	slightly curved	slightly curved	moderately curved
<input checked="" type="checkbox"/> Lower glume: extent of internal hair	weak	strong	weak	weak
<input type="checkbox"/> Lowest lea: beak shape	straight	straight	straight	straight
<input checked="" type="checkbox"/> *Grain: colour	white	white	red	white
<input type="checkbox"/> Grain: colouration with phenol	none or very light	dark	dark	

<input type="checkbox"/> *Seasonal type:	winter type	winter type	winter type	winter type
<b>Statistical Table</b>				
<b>Organ/Plant Part: Context</b>	<b>‘Manning’</b>	<b>‘Brennan’</b>	<b>‘Mackellar’</b>	<b>‘SQP Revenue’</b>
<input checked="" type="checkbox"/> Plant: length (cm)				
Mean	67.95	85.65	73.25	82.60
Std. Deviation	4.11	3.31	4.27	3.73
LSD/sig	2.1	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	102.10	89.10	82.95	97.65
Std. Deviation	7.40	8.75	6.54	7.41
LSD/sig	5.21	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Flag leaf: length (mm)				
Mean	145.05	145.05	127.55	117.05
Std. Deviation	15.20	19.90	15.70	15.90
LSD/sig	12.35	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: width (mm)				
Mean	14.80	13.85	14.75	13.40
Std. Deviation	0.83	0.45	1.02	1.05
LSD/sig	0.63	P≤0.01	ns	P≤0.01

**Prior Applications and Sales**

Nil

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

## GRANTS

*Actinidia chinensis*

KIWIFRUIT

**‘S600’<sup>ϕ</sup>**

Application No: 2007/100

Applicant: **Donald Alfred Skelton**

Certificate No: 4755 Expiry Date: 21 January, 2039.

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

*Actinidia chinensis*

KIWIFRUIT

**‘W47’<sup>ϕ</sup>**

Application No: 2010/306

Applicant: **Donald Alfred Skelton**

Certificate No: 4760 Expiry Date: 23 January, 2034.

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

*Alstroemeria hybrid*

PERUVIAN LILY

**‘Zalsaney’<sup>ϕ</sup> syn Whitney<sup>ϕ</sup>**

Application No: 2011/054

Applicant: **Van Zanten Plants B.V.**

Certificate No: 4759 Expiry Date: 23 January, 2034.

Agent: **Ramm Botanicals Holdings Pty Ltd**, Kangy Angy., NSW.

*Alstroemeria hybrid*

PERUVIAN LILY

**‘Zalsatal’<sup>ϕ</sup> syn Natalya<sup>ϕ</sup>**

Application No: 2010/202

Applicant: **Van Zanten Plants B.V.**

Certificate No: 4764 Expiry Date: 23 January, 2034.

Agent: **Ramm Botanicals**, Kangy Angy., NSW.



*Alstroemeria hybrid*

PERUVIAN LILY

**‘Zapriamin’<sup>ϕ</sup> syn Amina<sup>ϕ</sup>**

Application No: 2011/312

Applicant: **Van Zanten Plants B.V.**

Certificate No: 4758 Expiry Date: 23 January, 2034.

Agent: **Ramm Botanicals Holdings Pty Ltd**, Kangy Angy., NSW.

*Alstroemeria hybrid*

PERUVIAN LILY

**‘Zapriari’<sup>ϕ</sup> syn Ariane<sup>ϕ</sup>**

Application No: 2009/273

Applicant: **Van Zanten Plants B.V.**

Certificate No: 4781 Expiry Date: 22 January, 2034.

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

*Alstroemeria hybrid*

PERUVIAN LILY

**‘Zaprielia’<sup>ϕ</sup> syn Eliane<sup>ϕ</sup>**

Application No: 2010/268

Applicant: **Van Zanten Plants B.V.**

Certificate No: 4761 Expiry Date: 23 January, 2034.

Agent: **Ramm Botanicals Holdings Pty Ltd**, Kangy Angy., NSW.

*Alstroemeria hybrid*

PERUVIAN LILY

**‘Zaprilet’<sup>ϕ</sup> syn Letizia<sup>ϕ</sup>**

Application No: 2009/271

Applicant: **Van Zanten Plants B.V.**

Certificate No: 4756 Expiry Date: 22 January, 2034.

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

*Alstroemeria hybrid*

PERUVIAN LILY

**'Zaprilou'**<sup>ϕ</sup> **syn Louise**<sup>ϕ</sup>

Application No: 2009/272

Applicant: **Van Zanten Plants B.V.**

Certificate No: 4757 Expiry Date: 22 January, 2034.

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

*Arachis hypogaea*

PEANUT, GROUND NUT

**'Florida Fancy'**<sup>ϕ</sup> **syn Comet**<sup>ϕ</sup>

Application No: 2011/041

Applicant: **Florida Foundation Seed Producers, Inc.**

Certificate No: 4790 Expiry Date: 24 February, 2034.

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

*Asplenium nidus*

BIRDS NEST FERN

**'CrispyWave'**<sup>ϕ</sup>

Application No: 2010/089

Applicant: **Sugimoto Shinryuen**

Certificate No: 4753 Expiry Date: 20 January, 2034.

Agent: **Pearce's Nurseries Pty Ltd**, McLeans Ridges,, NSW.

*Cynodon dactylon*

COUCHGRASS, BERMUDAGRASS

**'Macarthur'**<sup>ϕ</sup>

Application No: 2012/048

Applicant: **M. Collins & Sons (Contractors) Pty Ltd**

Certificate No: 4777 Expiry Date: 6 February, 2034.

Agent: , ,

*Cynodon dactylon*

COUCHGRASS, BERMUDAGRASS

**‘Silverstream’**<sup>ϕ</sup>

Application No: 2012/139

Applicant: **M. Collins & Sons Holdings Pty Ltd.**

Certificate No: 4778 Expiry Date: 6 February, 2034.

Agent: , ,

*Fragaria x ananassa*

STRAWBERRY

**‘Palomar’**<sup>ϕ</sup>

Application No: 2007/314

Applicant: **The Regents of the University of California**

Certificate No: 4794 Expiry Date: 28 February, 2034.

Agent: **Agrisearch Services Pty Ltd**, Shepparton,, VIC.

*Fragaria x ananassa*

STRAWBERRY

**‘Portola’**<sup>ϕ</sup>

Application No: 2008/272

Applicant: **Regents of the University of California**

Certificate No: 4795 Expiry Date: 28 February, 2034.

Agent: **Leslie W Mitchell**, Shepparton,, VIC.

*Fragaria xananassa*

STRAWBERRY

**‘Monterey’**<sup>ϕ</sup>

Application No: 2008/270

Applicant: **Regents of the University of California**

Certificate No: 4762 Expiry Date: 23 January, 2034.

Agent: **Leslie W Mitchell**, Shepparton,, VIC.

*Fragaria xananassa*

STRAWBERRY

**‘San Andreas’**<sup>ϕ</sup>

Application No: 2008/271

Applicant: **Regents of the University of California**

Certificate No: 4763 Expiry Date: 23 January, 2034.

Agent: **Leslie W Mitchell**, Shepparton,, VIC.

*Gossypium hirsutum*

COTTON

**‘Sicot 730’**<sup>ϕ</sup>

Application No: 2012/178

Applicant: **Commonwealth Scientific and Industrial Research Organisation, Cotton Seed Distributors Ltd.**

Certificate No: 4783 Expiry Date: 10 February, 2034.

Agent: , ,

*Gossypium hirsutum*

COTTON

**‘Sicot 75RRF’**<sup>ϕ</sup>

Application No: 2012/206

Applicant: **Commonwealth Scientific and Industrial Research Organisation, Cotton Seeds Distributors Ltd.**

Certificate No: 4784 Expiry Date: 10 February, 2034.

Agent: , ,

*Impatiens hybrid*

IMPATIENS

**‘SAKIMP005S’**<sup>ϕ</sup>

Application No: 2012/067

Applicant: **Sakata Seed Corporation**

Certificate No: 4754 Expiry Date: 20 January, 2034.

Agent: **Australian Horticultural Services Pty Ltd**, Lilydale,, VIC.

*Lactuca sativa*

LETTUCE

**‘Vanguardia’<sup>ϕ</sup>**

Application No: 2011/243

Applicant: **Nunhems B.V.**

Certificate No: 4796 Expiry Date: 28 February, 2034.

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

*Malus domestica*

APPLE

**‘Alvina’<sup>ϕ</sup>**

Application No: 2006/043

Applicant: **G E & E Fankhauser**

Certificate No: 4789 Expiry Date: 24 February, 2039.

Agent: **Tahune Fields Nursery**, Lucaston,, TAS.

*Mandevilla hybrid*

MANDEVILLA

**‘Audrey’<sup>ϕ</sup> syn Aloha Dark Red<sup>ϕ</sup>**

Application No: 2010/010

Applicant: **Floraquest Pty Ltd and Protected Plant Promotions Pty Ltd**

Certificate No: 4768 Expiry Date: 29 January, 2034.

Agent: **Ramm Botanicals**, Tuggerah,, NSW.

*Mandevilla hybrid*

MANDEVILLA

**‘Ginger’<sup>ϕ</sup> syn Aloha Bright Pink<sup>ϕ</sup>**

Application No: 2008/344

Applicant: **Protected Plant Promotions Australia Pty Ltd and Floraquest Pty Ltd**

Certificate No: 4767 Expiry Date: 29 January, 2034.

Agent: **Ramm Botanicals Pty Ltd**, Tuggerah,, NSW.

*Mandevilla hybrid*

MANDEVILLA

**‘VOG051’<sup>ϕ</sup> syn AlohaRegalRuby<sup>ϕ</sup>**

Application No: 2010/233

Applicant: **Floraquest Pty Ltd, Protected Plant Promotions Pty Ltd**

Certificate No: 4769 Expiry Date: 29 January, 2034.

Agent: **Ramm Botanical Holdings Pty Ltd**, Kangy Angy,, NSW.

*Michelia hybrid*

MICHELIA

**‘MicJur01’<sup>ϕ</sup>**

Application No: 2009/184

Applicant: **M C Jury**

Certificate No: 4785 Expiry Date: 12 February, 2034.

Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan,, VIC.

*Neotyphodium uncinatum*

FUNGAL ENDOPHYTE -MEADOW FESCUE

**‘U2’<sup>ϕ</sup>**

Application No: 2010/253

Applicant: **Cropmark Seeds Australia Pty Ltd**

Certificate No: 4772 Expiry Date: 30 January, 2034.

Agent: , ,

*Osteospermum ecklonis*

CAPE DAISY

**‘KLEOE10179’<sup>ϕ</sup>**

Application No: 2011/218

Applicant: **Nils Klemm**

Certificate No: 4765 Expiry Date: 24 January, 2034.

Agent: **Ian Paananen**, Macmasters Beach,, NSW.

*Osteospermum ecklonis*

CAPE DAISY

**‘KLEOE10180’**<sup>ϕ</sup>

Application No: 2011/219

Applicant: **Nils Klemm**

Certificate No: 4766 Expiry Date: 24 January, 2034.

Agent: **Ian Paananen**, Macmasters Beach,, NSW.

*Phaseolus vulgaris*

FRENCH BEAN, SNAP BEAN

**‘Frontierau’**<sup>ϕ</sup>

Application No: 2011/014

Applicant: **Harris Moran Seed Company**

Certificate No: 4782 Expiry Date: 7 February, 2034.

Agent: **Clause Pacific (Henderson Seeds Group Pty Ltd Trading as Clause Pacific)**, Bulleen,, VIC.

*Protea compacta*

PROTEA

**‘Pink Cream’**<sup>ϕ</sup>

Application No: 2009/298

Applicant: **Glenda Nielsen**

Certificate No: 4780 Expiry Date: 10 February, 2034.

Agent: , ,

*Protea compacta*

PROTEA

**‘Stately’**<sup>ϕ</sup>

Application No: 2009/297

Applicant: **Glenda Nielsen**

Certificate No: 4779 Expiry Date: 10 February, 2034.

Agent: , ,

*Prunus amygdalus x persica*

ALMOND X PEACH

**'Felinem'<sup>ϕ</sup> syn GN22<sup>ϕ</sup>**

Application No: 2011/120

Applicant: **CITA (Centro de Investigacion y Tecnologia Agroalimentaria de Aragon**

Certificate No: 4786 Expiry Date: 13 February, 2039.

Agent: **Almond Board of Australia Inc.**, Berri,, SA.

*Prunus amygdalus x persica*

ALMOND X PEACH

**'Garnem'<sup>ϕ</sup> syn GN15<sup>ϕ</sup>**

Application No: 2011/122

Applicant: **CITA (Centro de Investigacion y Tecnologia Agroalimentaria de Aragon**

Certificate No: 4788 Expiry Date: 13 February, 2039.

Agent: **Almond Board of Australia Inc.**, Berri,, SA.

*Prunus amygdalus x persica*

ALMOND X PEACH

**'Monegro'<sup>ϕ</sup> syn GN9<sup>ϕ</sup>**

Application No: 2011/121

Applicant: **CITA (Centro de Investigacion y Tecnologia Agroalimentaria de Aragon**

Certificate No: 4787 Expiry Date: 13 February, 2039.

Agent: **Almond Board of Australia Inc.**, Berri,, SA.

*Prunus dulcis x persica*

PRUNUS ROOTSTOCK - INTERSPECIFIC CHERRY

**'Cornerstone'<sup>ϕ</sup>**

Application No: 2010/291

Applicant: **The Burchell Nursery**

Certificate No: 4792 Expiry Date: 26 February, 2039.

Agent: **Leslie Mitchell**, Shepparton,, VIC.



*Rosa hybrid*

ROSE

**‘Natubreak’<sup>ϕ</sup> syn Icebreaker<sup>ϕ</sup>**

Application No: 2011/019

Applicant: **Natural Selections Ltd**

Certificate No: 4773 Expiry Date: 5 February, 2034.

Agent: **Grandiflora Nurseries Pty Ltd**, Skye., VIC.

*Rubus idaeus*

RASPBERRY

**‘Adele’<sup>ϕ</sup>**

Application No: 2011/150

Applicant: **The New Zealand Institute for Plant and Food Research Limited**

Certificate No: 4774 Expiry Date: 6 February, 2034.

Agent: **AJ Park**, Canberra,, ACT.

*Rubus idaeus*

RASPBERRY

**‘Korere’<sup>ϕ</sup>**

Application No: 2011/151

Applicant: **The New Zealand Institute for Plant and Food Research Limited**

Certificate No: 4775 Expiry Date: 6 February, 2034.

Agent: **AJ Park**, Canberra,, ACT.

*Rubus idaeus*

RASPBERRY

**‘Korpiko’<sup>ϕ</sup>**

Application No: 2011/152

Applicant: **The New Zealand Institute for Plant and Food Research Limited**

Certificate No: 4776 Expiry Date: 6 February, 2034.

Agent: **AJ Park**, Canberra,, ACT.

*Rubus idaeus L.*

RASPBERRY

**‘Erika’**<sup>ϕ</sup>

Application No: 2011/072

Applicant: **Centro Di Ricerca Per La Frutticoltura (Roma) (CRA-FRU)**

Certificate No: 4791 Expiry Date: 25 February, 2034.

Agent: **Fisher Adams Kelly**, Brisbane., QLD.

*Stenotaphrum secundatum*

BUFFALO GRASS, ST AUGUSTINE GRASS

**‘Airlie Park’**<sup>ϕ</sup>

Application No: 2012/047

Applicant: **M. Collins & Sons (Contractors) Pty Ltd**

Certificate No: 4793 Expiry Date: 27 February, 2034.

Agent: , ,

*Trifolium hybridum*

ALSIKE CLOVER

**‘Hytas’**<sup>ϕ</sup>

Application No: 2012/215

Applicant: **University of Tasmania, The Crown in Right of the State of Tasmania through the Department of Primary Industries, Parks, Water and Environment**

Certificate No: 4797 Expiry Date: 28 March, 2034.

Agent: , ,

*X Festulolium*

FESTULOLIUM

**‘Helix’**<sup>ϕ</sup>

Application No: 2010/252

Applicant: **Cropmark Seeds Australia Pty Ltd**

Certificate No: 4771 Expiry Date: 29 January, 2034.

Agent: , ,

*X Festulolium* .

FESTULOLIUM

**'Revolution Ultra'**<sup>ϕ</sup>

Application No: 2010/251

Applicant: **Cropmark Seeds Australia Pty Ltd**

Certificate No: 4770 Expiry Date: 29 January, 2034.

Agent: , ,

Volume 27 Issue 1

**Denomination Changed**

<b>Application No.</b>	<b>Genus</b>	<b>Species</b>	<b>Common Name</b>	<b>Changed From</b>	<b>Changed To</b>
2010/049	<i>Medicago</i>	<i>sativa</i>	Lucerne	CW 85087	STM5
2012/272	<i>Lactuca</i>	<i>sativa</i>	Lettuce	41-123 RZ	Patrona
2013/201	<i>Medicago</i>	<i>truncatula</i>	Barrel Medic	SARDI-Sultan	Sultan-SU
2013/098	<i>Lupinus</i>	<i>angustifolius</i>	Narrow-Leafed Lupin	WALAN2325	PBA BARLOCK
2013/284	<i>Lolium</i>	<i>multiflorum</i> <i>var.westerwoldicum</i>	Annual Ryegrass	LWD4(11)	Finefeed
2013/285	<i>Lolium</i>	<i>multiflorum</i> <i>var.westerwoldicum</i>	Annual Ryegrass	LWT1(11)	Amazon T
2013/286	<i>Dactylis</i>	<i>glomerata</i>	Cocksfoot	CDG1(11)	Durable
2013/287	<i>Secale</i>	<i>cereale</i>	Cereal Rye	SC1(11)	Feastfeed

Volume 27  
Issue 1

## Synonym Changed

App. No.	Genus	Species	Variety	Common Name	Synonym Changed From	Synonym Changed To
2013/284	<i>Lolium</i>	<i>multiflorum</i> var. <i>westerwoldicum</i>	Finefeed	Annual Ryegrass		Diploy
2013/285	<i>Lolium</i>	<i>multiflorum</i> var. <i>westerwoldicum</i>	Amazon T	Annual Ryegrass		Tetrabold
2013/286	<i>Dactylis</i>	<i>glomerata</i>	Durable	Cocksfoot		Staylong
2013/287	<i>Secale</i>	<i>cereale</i>	Feastfeed	Cereal Rye		Morefeed
2009/219	<i>Rosa</i>	hybrid	WEKvossutono	Rose	SoulMate	

Volume 27 Issue 1

## Change/Nomination of Agent

App. No.	Genus	Species	Variety	Changed From	Changed To
2004/044	<i>Solanum</i>	<i>tuberosum</i>	Nectar	Bright Harvest	
2004/045	<i>Solanum</i>	<i>tuberosum</i>	Orla	Bright Harvest	
2004/046	<i>Solanum</i>	<i>tuberosum</i>	Malin	Bright Harvest	
2007/198	<i>Solanum</i>	<i>tuberosum</i>	Emma	Bright Harvest	
2007/201	<i>Solanum</i>	<i>tuberosum</i>	Savanna	Bright Harvest	
2007/281	<i>Solanum</i>	<i>tuberosum</i>	Romeo	Bright Harvest	
2009/284	<i>Solanum</i>	<i>tuberosum</i>	Setanta	Bright Harvest	
2012/057	<i>Solanum</i>	<i>tuberosum</i>	Cristina	Bright Harvest	
2012/258	<i>Solanum</i>	<i>tuberosum</i>	Infinity	Bright Harvest	
2006/028	<i>Cuphea</i>	<i>hyssopifolia</i>	Jocelyn's Pink	Plants Management Australia Pty Ltd	Terry Keogh
2013/083	<i>Mandevilla</i>	hybrid	Sunpararopi	Crop and Nursery Services	Oasis Horticultue Pty Limited
2003/225	<i>Fragaria</i>	<i>xananassa</i>	Camino Real	Rosemary Ridge Pty Ltd	Leslie W.Mitchell of Agrisearch Services Pty. Ltd.
2003/226	<i>Fragaria</i>	<i>xananassa</i>	Ventana	Rosemary Ridge Pty Ltd	Leslie W.Mitchell of Agrisearch Services Pty. Ltd.
2005/209	<i>Solanum</i>	<i>tuberosum</i>	Vales Emerald	Fresh Produce Group	Elders Rural Services Australia Limited
2005/210	<i>Solanum</i>	<i>tuberosum</i>	Eve Balfour	Fresh Produce Group	Elders Rural Services Australia Limited
2005/211	<i>Solanum</i>	<i>tuberosum</i>	Lady Balfour	Fresh Produce Group	Elders Rural Services Australia Limited
2005/212	<i>Solanum</i>	<i>tuberosum</i>	Vales Sovereign	Fresh Produce Group	Elders Rural Services Australia Limited
2013/255	<i>Solanum</i>	<i>tuberosum</i>	Marguerite		Elders Rural Services Australia Ltd

Volume 27 Issue 1

# Assignment of Rights

<b>App. No.</b>	<b>Genus</b>	<b>Species</b>	<b>Variety</b>	<b>Common Name</b>	<b>Changed From</b>	<b>Changed To</b>
2007/237	<i>Pyrus</i>	<i>communis</i>	Rode Doyenne van Doorn	European Pear	Inventum Victor GmbH	Goeie Peer B.V.

Volume 27 Issue 1

**WITHDRAWN**

The following varieties are no longer under PBR provisional protection

App. No.	Genus	Species	Common Name	Variety
2008/366	<i>Vitis</i>	<i>vinifera</i>	Grape vine	SUGRATHIRTYONE
2009/270	<i>Fragaria</i>	<i>xananassa</i>	Strawberry	DrisStrawSeven
2012/061	<i>Rubus</i>		Hybrid Blackberry	<i>DrisBlackThree</i>
2011/216	<i>Fragaria</i>	<i>x ananassa</i>	Strawberry	DrisStrawEighteen
2011/003	<i>Brassica</i>	<i>napus</i>	Canola	GT-TAIPAN
2013/271	<i>Prunus</i>	<i>persica var nucipersica</i>	Nectarine	June Bright
2009/039	<i>Hakea</i>	<i>salicifolia</i>	Willow Leaved Hakea	HAL01
2012/168	<i>Lomandra</i>	<i>hystrix</i>	Spiny Headed Mat Rush	LMS01
2012/171	<i>Dianella</i>	<i>congesta</i>	Blue Flax Lily	DCT500
2011/266	<i>Lomandra</i>	<i>filiformis</i>	Wattle Mat Rush	LFD001
2011/125	<i>Lomandra</i>	<i>patens</i>	Irongrass	Silver Falls
2011/127	<i>Lomandra</i>	<i>filiformis</i>	Wattle Mat Rush	Blue Moon
2011/160	<i>Lomandra</i>	<i>concertifolia ssp rubiginosa</i>	Matt Rush	conrub1
2011/126	<i>Dianella</i>	<i>revoluta</i>	Spreading Flax-Lily	Haze
2011/016	<i>Cucumis</i>	<i>melo</i>	Melon	Golden Persia
2009/206	<i>Cucumis</i>	<i>melo</i>	Melon	Magic
2009/207	<i>Cucumis</i>	<i>melo</i>	Melon	Footy
2010/220	<i>Anigozanthos</i>	hybrid	Kangaroo Paw	Ramborebel
2013/026	<i>Anigozanthos</i>	hybrid	Kangaroo Paw	Rambossion
2011/064	<i>Magnolia</i>	hybrid	Magnolia	JURmag4
2012/008	<i>Scaevola</i>	<i>thesioides</i>	Gibbous-fruited Fanflower	Oceans Blue
2012/005	<i>Agonis</i>	<i>flexuosa</i>	Willow Myrtle	Twilight
2011/102	<i>Dianella</i>	<i>revoluta var. brevicaulis</i>	Spreading Flax-Lily	Rogers Red
2011/100	<i>Hardenbergia</i>	<i>comptoniana</i>	False sarsparilla	Pink Chimes
2010/181	<i>Grevillea</i>	<i>crithmifolia</i>		Little Crith
2010/180	<i>Adenanthos</i>	<i>sericeus</i>		AdenpurpGL
2008/309	<i>Dampiera</i>	<i>teres</i>	Terete-leaved Dampiera	Little Pink Girl
2013/019	<i>Rosa</i>	hybrid	Rose	GRA101555
2013/020	<i>Rosa</i>	hybrid	Rose	GRA101514



Volume 27 Issue 1

## Grants Surrendered

App. No.	Genus	Species	Variety	Synonym	Common Name
2001/303	<i>Thuja</i>	<i>occidentalis</i>	Futuristic		White Cedar
2005/006	<i>Brassica</i>	<i>napus</i>	Bravo TT		Canola
2008/188	<i>Rosa</i>	hybrid	Prehimig		Rose
2008/187	<i>Rosa</i>	hybrid	PRERASJER		Rose
2008/128	<i>Brassica</i>	<i>napus</i>	GT61		Canola
1999/163	<i>Triticum</i>	<i>aestivum</i>	Wylah		Wheat
2003/109	<i>Styloidium</i>	<i>graminifolium</i>	ST116		Grass Trigger Plant
2004/338	<i>Rosa</i>	hybrid	Hadice		Rose
2009/138	<i>Dianella</i>	<i>caerulea</i> x <i>brevipedunculata</i>	Weeping Kate		Blue Flax-Lily
2007/150	<i>Avena</i>	<i>sativa</i>	Monty		Oats
1999/324	<i>Triticum</i>	<i>turgidum ssp turgidum</i>	Arrivato		Durum Wheat
2004/055	<i>Taxodium</i>	<i>distichum</i>	Cascade Falls		Swamp Cypress
2003/357	<i>Rosa</i>	hybrid	Ruiy5451		Rose
2010/206	<i>Rosa</i>	hybrid	<i>Ruicf1242a</i>		Rose
2009/290	<i>Rosa</i>	hybrid	Grandizzarapap		Rose
2010/159	<i>Rosa</i>	hybrid	GRA6971		Rose
2000/093	<i>Solanum</i>	<i>tuberosum</i>	ANDOVER		Potato
2002/330	<i>Melilotus</i>	<i>albus</i>	Jota		Sweet Clover
2001/368	<i>Chrysanthemum</i>	<i>indicum</i>	Pink Reagan Mundo		Chrysanthemum
2001/372	<i>Chrysanthemum</i>	<i>indicum</i>	Ruby Red Reagan		Chrysanthemum
2001/375	<i>Chrysanthemum</i>	<i>indicum</i>	Vybowl		Chrysanthemum
2005/156	<i>Lilium</i>	hybrid	Mothers Choice		Lily
2004/067	<i>Malus</i>	<i>domestica</i>	Scigold		Apple
2004/211	<i>Rosa</i>	hybrid	WEKajazoul	Long Tall Sally	Rose
1994/205	<i>Trifolium</i>	<i>repens</i>	CLEVER CLUB		White Clover
1998/046	<i>Prunus</i>	<i>avium</i>	SIR DON		Sweet Cherry
1997/136	<i>Hordeum</i>	<i>vulgare</i>	Gairdner		Barley
2003/203	<i>Ornithopus</i>	<i>sativus</i>	Erica		French Serradella
1996/047	<i>Ornithopus</i>	<i>compressus</i>	Santorini		Serradella
1997/176	<i>Ornithopus</i>	<i>compressus</i>	Charano		Serradella
1993/234	<i>Trifolium</i>	<i>subterranean</i>	York		Subterranean Clover
2002/316	<i>Scaevola</i>	<i>aemula</i>	Zig Zag		Fanflower
2005/154	<i>Impatiens</i>	<i>walleriana</i>	Balolepurp		Busy Lizzie
2008/192	<i>Impatiens</i>	<i>Hawkeri</i>	Balcepink		New Guinea Impatiens
2002/206	<i>Impatiens</i>	<i>walleriana</i>	Balolestop		Busy Lizzie
2010/209	<i>Tibouchina</i>	<i>urvilleana</i>	TB01		Lasiandra
2002/172	<i>Prunus</i>	<i>armeniaca</i>	Benmore		Apricot
2002/170	<i>Prunus</i>	<i>armeniaca</i>	Dunstan		Apricot
2002/169	<i>Prunus</i>	<i>armeniaca</i>	Gabriel		Apricot
2005/295	<i>Verbena</i>	hybrid	Summaririwaba	Wine Surprise	Verbena
2005/296	<i>Verbena</i>	hybrid	Suntapilabu	Lilac Passion	Verbena
1995/243	<i>Verbena</i>	hybrid	Summarefu TP-P	Pink Passion	Verbena
2000/297	<i>Lupinus</i>	<i>angustifolius</i>	Jindalee		Narrow-Leafed Lupin

Volume 27 Issue 1

## Grants Expired

The following varieties are no longer under PBR protection:

<b>App. No.</b>	<b><i>Genus</i></b>	<b><i>Species</i></b>	<b>Common Name</b>	<b>Variety</b>
1993/078	<i>Cynodon</i>	<i>dactylon</i>	Couchgrass	WINDSOR GREEN

Volume 27 Issue 1

**GRANTS REVOKED**

The following varieties are no longer  
under PBR protection

<b>App No.</b>	<b>Genus</b>	<b>Species</b>	<b>Variety</b>	<b>Synonym</b>	<b>Common Name</b>
2005/188	<i>Euphorbia</i>	<i>milii</i>	Taki Pink		Crown of Thorns
2004/133	<i>Cordyline</i>	<i>fruticosa</i>	BRA01		Cordyline
1999/205	<i>Allium</i>	<i>cepa</i>	Favara 110		Onion
1995/165	<i>Bougainvillea</i>	hybrid	Little Guy		Bougainvillea

Volume 27 Issue 1

## Transfer of Rights

<b>App. No.</b>	<b>Genus</b>	<b>Species</b>	<b>Variety</b>	<b>Common Name</b>	<b>Changed From</b>	<b>Changed To</b>
2009/003	<i>Vitis</i>	<i>vinifera</i>	Sweet Angie	Grape Vine	Angelo Taglierini & Antonio Dichiera	Sweet Angie Enterprises Pty Ltd

## CORRIGENDA

Field Bean

*Vicia faba*

Application No: 2011/047

The description of this variety published in Plant Varieties Journal Vol. 25 issue 1, has been replaced by the following

### Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PBA Rana'	'Farah'	'Manafest'	'Nura'
<input checked="" type="checkbox"/> Plant: <i>Ascochyta</i> resistance	resistant	moderately resistant	susceptible	moderately resistant

Echeveria

*Echeveria gigantea* x *Echeveria secunda*

'Joey1'

Application No: 2012/001

In the description of this variety published in Plant Varieties Journal Vol 26 issue 4, the correct botanical nomenclature for this variety should be *Echeveria gigantea* x *Echeveria secunda* in the **Genus and Species** field.

Similarly in the **Origin and Breeding** section of the description, the seed and pollen parents should be *Echeveria gigantea* 'Breeding Line 222' and *Echeveria secunda* 'Line 419' respectively.



Australian Government

IP Australia

Discovery House, Phillip ACT 2606  
 PO Box 200, Woden ACT 2606  
 Australia  
 Phone: 1300 651 010  
 Website: www.ipaustralia.gov.au

Published online on XXX date 2014

**Official Notice**

**Decommissioning of IP Lodgement Points**

The IP Lodgement Points will be decommissioned on 4 June 2014. Customers were informed of these changes in October 2013. The lodgement points located in the following Australia Post outlets are affected:

**Adelaide**

**Lodging in person:**

IP Lodgement Point  
 Adelaide GPO  
 141 King William Street  
 Adelaide SA 5000

**Lodging via mail to an IP Lodgement Point:**

IP Lodgement Point  
 Locked Bag 9854  
 ADELAIDE SA 5001

**Darwin**

**Lodging in person:**

IP Lodgement Point  
 Darwin GPO  
 48 Cavenagh Street  
 Darwin NT 800

**Lodging via mail to an IP Lodgement Point:**

IP Lodgement Point  
 Locked Bag 9854  
 DARWIN NT 0801

**Brisbane**

**Lodging in person:**

IP Lodgement Point  
 Brisbane GPO  
 261 Queen Street  
 BRISBANE QLD 4000

**Lodging via mail to an IP Lodgement Point:**

IP Lodgement Point  
 Locked Bag 9854  
 BRISBANE QLD 4001

**Hobart**

**Lodging in person:**

IP Lodgement Point  
 Hobart GPO  
 9 Elizabeth Street  
 Hobart TAS 7000

**Lodging via mail to an IP Lodgement Point:**

IP Lodgement Point  
 Locked Bag 9854  
 HOBART TAS 7001



**Australian Government**

**IP Australia**

Discovery House, Phillip ACT 2606  
PO Box 200, Woden ACT 2606  
Australia  
Phone: 1300 651 010  
Website: [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)

Published online on XXX date 2014

## **Melbourne**

### **Lodging in person:**

IP Lodgement Point  
Melbourne GPO  
250 Elizabeth Street  
Melbourne VIC 3000

### **Lodging via mail to an IP Lodgement Point:**

IP Lodgement Point  
Locked Bag 9854  
MELBOURNE VIC 3001

## **Perth**

### **Lodging in person:**

IP Lodgement Point  
Perth GPO  
Shops 3 and 4, 3-7 Forrest Place  
Perth WA 6000

### **Lodging via mail to an IP Lodgement Point:**

IP Lodgement Point  
Locked Bag 9854  
PERTH WA 6001

## **Sydney**

### **Lodging in person:**

IP Lodgement Point  
Australia Post Retail Outlet  
44 Market Street  
Sydney NSW 2000

### **Lodging via mail to an IP Lodgement Point:**

IP Lodgement Point  
Locked Bag 9854  
SYDNEY NSW 2001

For more information on methods for lodgement please contact IP Australia on the means below:

**Contact:** IP Australia  
**Phone:** 1300 651 010  
**Web:** [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)

To be published in the Australian Official Journal of Plant Breeder's Rights on 8 May 2014.

## Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 26 Issue 4**) are listed below:

- [Home](#)
- [Appendix 1 - Fees](#)
- [Appendix 2 - Plant Breeder's Rights Advisory Committee](#)
- [Appendix 3 - Index of Accredited Consultant 'Qualified Persons'](#)
- [Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'](#)
- [Appendix 5 - Addresses of UPOV and Member States](#)
- [Appendix 6 - Centralised Testing Centres](#)
- [Appendix 7 - List of Plant Classes for Denomination Purposes](#)
- [Appendix 8 - Register of Plant Varieties](#)



## Appendix -1 –Fees

This page sets out the PBR fees associated with applications, examination, certificates, annual and Qualified Person accreditation fees. Please note upcoming changes to fees. For more information please read our news article on the [Fee Review Update](#).

PBR fees are subject to change. GST does not apply to these statutory fees under Division 81 of the *GST Act 1999*.

### New Application

The Application Fee must accompany the Part 1 application at the time of lodgement. It covers an initial 'examination for acceptance', the issue of a letter of acceptance and provisional protection.

Fee Item/Action	from 1 October 2012 Fee	
	Approved Means	By Another Means
PBR Application	\$345	\$445

### Examination

Applicants have twelve months from the date of acceptance to pay the Lodgement of the Detailed Description Fee (commonly referred to as the “Examination Fee”). 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.

The “Examination Fee” pays for the assessment of the description, the publication of the description and photograph of the new variety in Plant Varieties Journal, the field examination (if any), and any other enquiries necessary to establish eligibility for PBR. examination of the application, including field examination and publication of the description and photograph, will not commence until the Examination Fee has been received.

After the description has been published, successful applicants will be asked to pay the Certificate Fee. This covers the final examination of all details, the production of a certificate and copy of the variety’s description in the PBR Register.

Fee Item/Action	from 1 July 2012 Fee
Examination - Single Application	\$1610
Examination - Application based on overseas test data	\$1610

Examination - multiple application rate applicable only when 2 or more varieties of the same species tested at the same site in Australia and when applications and descriptions are lodged simultaneously by the same applicant and QP and examined simultaneously (fee for each variety)	\$1380
Examination - at an authorised Centralised Testing Centre when 5 or more candidate varieties of the same genus are tested simultaneously (fee for each variety)	\$920
Certificate	\$345

### Annual Fee

An Annual Maintenance Fee (sometimes called the Annual or Renewal Fee) is payable each year on the anniversary of the granting of the right. The Annual Maintenance Fee must be paid to maintain the grant.

Fee Item/Action	from 1 July 2012 Fee	
	Approved Means	By Another Means
Annual Fee	\$345	\$395

### Qualified Person

Fee Item/Action	from 1 July 2012 Fee
Application for Accreditation as a Qualified Person	\$50
Renewal of Qualified Person Accreditation (each year)	\$50

## Appendix 2

### **Plant Breeder's Rights Advisory Committee (PBRAC)**

(PBRAC is established by section 63 of the *Plant Breeder's Rights Act 1994*)

- **Chair** - Mr Doug Waterhouse – Chief of Plant Breeder's Rights
- **Member with Appropriate Qualifications** - Professor Andrew Christie
- **Member Representing Users** - Ms Helen Dalton
- **Member Representing Conservation Interests** - Ms Marnie Ireland
- **Member Representing Consumers** - Mr Mark McKay
- **Member Representing Plant Breeders** - Mr Christopher Prescott
- **Member Representing Plant Breeders** - Mr Grant Wilson
- **Member with Appropriate Qualifications** - Dr Roslyn Prinsley
- **Member Representing Indigenous Interests** - Appointment process currently underway

For more information on PBRAC members <http://www.ipaustralia.gov.au/about-us/regulatory-and-advisory-bodies/pbrac/pbrac-members/>

**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
Agapanthus	Paananen, Ian
Almonds	Cottrell, Matthew Pettigrew, Stuart Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Buchanan, Peter Cramond, Gregory Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Paananen, Ian Pettigrew, Stuart Tancred, Stephen
Anigozanthos	Paananen, Ian Kirby, Greg Smith, Daniel

Anthurium	Paananen, Ian
Aroid	Harrison, Peter
Avocado	Cottrell, Matthew Lye, Colin Edwards, Arthur MacGregor, Alison Owen-Turner, John Parr, Wayne Swinburn, Garth Whiley, Tony
Azalea	Hempel, Maciej Paananen, Ian
Barley (Common)	Collins, David Downes, Ross Rhodes, Phil Saunders, James
Berry Fruit	Brevis-Acuna, Patricio Fleming, Graham Pettigrew, Stuart Zorin, Margaret
Blackberry	Brevis-Acuna, Patricio Paananen, Ian
Blandfordia	Treverrow, Florence
Blueberry	Brevis-Acuna, Patricio Paananen, Ian Scalzo, Jessica Zorin, Margaret
Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian
Brassica	Cooper, Kath Downes, Ross Easton, Andrew Fennell, John Gororo, Nelson O'Connell Peter Rhodes, Phil Saunders, James Watson, Brigid
Brunia	Dunstone, Bob
Buddleia	Robb, John Paananen, Ian

Buffalo Grass	Paananen, Ian
Calibrachoa	Paananen, Ian
Callistemon	Parsons, Rodney
Camellia	Paananen, Ian Robb, John
Cannabis (low THC varieties only and subject to holding a current licence from the appropriate authority)	Warner, Philip
Carnation/Dianthus	Paananen, Ian
Cereals	Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Mitchell, Leslie Moore, Stephen Oates, John Rhodes, Phil Roake, Jeremy Rose, John Saunders, James Siedel, John Watson, Brigid
Cherry	Cramond, Gregory Fleming, Graham Mackay, Alastair Mitchell, Leslie
Chickpeas	Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James
Chrysanthemum	Paananen, Ian

Citrus	Calabria, Patrick Cottrell, Matthew Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Pettigrew, Stuart Strange, Pamela Swinburn, Garth Topp, Bruce
Clivia	Smith, Kenneth
Clover	Downes, Ross James, Jennifer Lake, Andrew Lin, Joy Mitchell, Leslie Rhodes, Phil Saunders, James Watson, Brigid
Cucurbits	Herrington, Mark O'Connell Peter Paananen, Ian Rhodes, Phil
Dianella	Paananen, Ian
Dogwood	Fleming, Graham
Echinacea	Paananen, Ian
Eremophila	Parsons, Rodney
Eucalyptus	Paananen, Ian
Euphorbia	Paananen, Ian
Feijoa	Parr, Wayne
Fibre Crops	Gillespie, David
Fig	Cottrell, Matthew Fleming, Graham Parr, Wayne
Flower Bulbs	
Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James

Forage Grasses	Downes, Ross Fennell, John Harrison, Peter Kirby, Greg Mitchell, Leslie Rhodes, Phil Watson, Brigid
Forage Legumes	Downes, Ross Fennell, John Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Lin, Joy Rhodes, Phil Saunders, James Siedel, John
Fruit	Brown, Gordon Cramond, Gregory Cottrell, Matthew Delaporte, Kate Fleming, Graham Gillespie, David Lenoir, Roland Mitchell, Leslie Paananen, Ian Parr, Wayne Pettigrew, Stuart Trimboli, Dan
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony
Grape	Cottrell, Matthew Delaporte, Kate Fleming, Graham Hashim-Maguire, Jennifer Lye, Colin MacGregor, Alison Mitchell, Leslie Paananen, Ian Parr, Wayne Pettigrew, Stuart Smith, Daniel Strange, Pamela Swinburn, Garth Zorin, Margaret
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian Parsons, Rodney



Gypsophila	Paananen, Ian
Hardenbergia	Dunstone, Bob
Hops	Paananen, Ian
Hydrangea	Hanger, Brian Paananen, Ian
Impatiens	Paananen, Ian
Jojoba	Dunstone, Bob
Kalanchoe	Paananen, Ian
Lavender	Paananen, Ian
Legumes	Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Harrison, Peter Kirby, Greg Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John
Lentils	Collins, David Downes, Ross Goulden, David Rhodes, Phil Saunders, James
Leucaena	Roche, Matthew
Lilium	Paananen, Ian
Liriope	Paananen, Ian
Lettuce	O'Connell, Peter
Lomandra	Paananen, Ian
Lucerne	Downes, Ross Lake, Andrew Mitchell, Leslie Rhodes, Phil Saunders, James
Lupin	Collins, David Rhodes, Phil Saunders, James
Macadamia	Hockings, David

Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian
Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony
Mushrooms, edible	Wong, Percy
Myrtaceae	Dunstone, Bob
Myrtus	Buchanan, Peter
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Collins, David Downes, Ross Rhodes, Phil Saunders, James
Oilseed crops	Downes, Ross Oates, John Siedel, John Rhodes, Phil Saunders, James
Olives	Lunghusen, Mark Pettigrew, Stuart
Onions	Fennell, John O'Connell Peter Rhodes, Phil

## Ornamentals - Exotic

Abell, Peter  
 Armitage, Paul  
 Angus, Tim  
 Collins, Ian  
 Delaporte, Kate  
 Eggleton, Steve  
 Fisk, Anne Marie  
 Fleming, Graham  
 Guy, Gareme  
 Harrison, Dion  
 Harrison, Peter  
 Hempel, Maciej  
 Hockings, David  
 Lenoir, Roland  
 Loch, Don  
 Lunghusen, Mark  
 Mackinnon, Amanda  
 Mitchell, Hamish  
 Mitchell, Leslie  
 Oates, John  
 O'Brien, Shaun  
 Paananen, Ian  
 Prescott, Chris  
 Prince, John  
 Robb, John  
 Singh, Deo  
 Stewart, Angus  
 Watkins, Phillip

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 Ornamentals - Indigenous

Abell, Peter  
 Angus, Tim  
 Delaporte, Kate  
 Downes, Ross  
 Eggleton, Steve  
 Harrison, Dion  
 Harrison, Peter  
 Henry, Robert J  
 Hockings, David  
 Jack, Brian  
 Kirby, Greg  
 Lee, Slade  
 Lenoir, Roland  
 Loch, Don  
 Lowe, Greg  
 Lunghusen, Mark  
 Mackinnon, Amanda  
 Mitchell, Hamish  
 Molyneux, W M  
 Oates, John  
 O'Brien, Shaun  
 Paananen, Ian  
 Prince, John  
 Singh, Deo  
 Slater, Tony  
 Watkins, Phillip

Osmanthus	Paananen, Ian Robb, John
Osteospermum	Paananen, Ian
Pastures & Turf	Cameron, Stephen Cook, Bruce Downes, Ross Fennell, John Harrison, Peter Kirby, Greg James, Jennifer Lin, Joy Loch, Don McMaugh, Peter Mitchell, Leslie Oates, John Paananen, Ian Rhodes, Phil Roche, Matthew Rose, John Saunders, James Sewell, James Smith, Raymond Zorin, Margaret
Peanut	Cruickshank, Alan
Pear	Cramond, Gregory Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Paananen, Ian Tancred, Stephen
Pelargonium	Paananen, Ian
Persimmon	Parr, Wayne Swinburn, Garth
Petunia	Paananen, Ian
Philodendron	Paananen, Ian
Philotheca	Dunstone, Bob
Phormium	Paananen, Ian
Photinia	Robb, John
Pistacia	Cottrell, Matthew Pettigrew, Stuart Richardson, Clive

Pisum	Downes, Ross Goulden, David Rhodes, Phil Saunders, James
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Pomegranate	Paananen, Ian Pettigrew, Stuart
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Potatoes	Delaporte, Kate Fennell, John Friemond, Terry Hill, Jim McKay, Stewart O'Connell Peter Rhodes, Phil Saunders, James Slater, Tony Wharmby, Emma
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Proteaceae	Paananen, Ian Robb, John
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Prunus	Buchanan, Peter Calabria, Patrick Cottrell, Matthew Cramond, Gregory Fleming, Graham Mackay, Alastair Malone, Michael Topp, Bruce Witherspoon, Jennifer
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Pulse Crops	Collins, David Downes, Ross Oates, John Rhodes, Phil Saunders, James
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Raspberry	Brevis-Acuna, Patricio Fleming, Graham Herrington, Mark Zorin, Margaret
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Rhododendron	Paananen, Ian
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Rose	Delaporte, Kate Fleming, Graham Hanger, Brian Lee, Peter McKirdy, Simon Paananen, Ian Prescott, Chris Swane, Geoff Syrus, A Kim
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Scaevola	Paananen, Ian
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Sesame	Harrison, Peter
Soybean	Harrison, Peter James, Andrew
Spathiphyllum	Paananen, Ian
Stone Fruit	Cottrell, Matthew Cramond, Gregory Fleming, Graham MacGregor, Alison Mackay, Alistair Malone, Michael Pettigrew, Stuart Swinburn, Garth
Strawberry	Brevis-Acuna, Patricio Herrington, Mark Mitchell, Leslie Zorin, Margaret
Sugarcane	Cox, Mike Piperidis, George
Tomato	Herrington, Mark O'Connell Peter Rhodes, Phil
Tree Crops	Hockings, David
	Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Fittler, Michael Harrison, Peter Hockings, David Parr, Wayne Whiley, Tony
Umbrella Tree	Paananen, Ian

## Vegetables

Delaporte, Kate  
 Fennell, John  
 Frkovic, Edward  
 Harrison, Peter  
 Gillespie, David  
 Lenoir, Roland  
 MacGregor, Alison  
 Morley, Ken  
 Oates, John  
 Pearson, Craig  
 Pettigrew, Stuart  
 Rhodes, Phil  
 Trimboli, Dan  
 Westra Van Holthe, Jan

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 Verbena

 Paananen, Ian
 

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Walnut

 Cottrell, Matthew  
 Mitchell, Leslie
 

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Wheat (Aestivum &amp; Durum Groups)

 Collins, David  
 Downes, Ross  
 Fittler, Michael  
 Rhodes, Phil  
 Saunders, James
 

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 Zantedeschia
 

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 Paananen, Ian
 

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TABLE 2

<b>NAME</b>	<b>TELEPHONE</b>	<b>AREA OF OPERATION</b>
Abell, Peter	0438 392 837 mobile	Australia
Angus, Tim	(64 4) 568 3878 ph/fax 001164211871076 mobile tim.angus@ymail.com	Australia and New Zealand
Armitage, Paul	03 9756 7233 03 9756 6948 fax	Victoria
Brevis-Acuna, Patricio	0400 446 588 mobile	Yarra Valley/Melbourne area, Victoria
Brown, Gordon	03 6239 6411 03 6239 6711 fax	Tasmania
Buchanan, Peter	07 4615 2182 07 4615 2183 fax	Eastern Australia
Calabria, Patrick	02 6963 6360 0438 636 219 mobile	Riverina area of NSW
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheat belt of Western Australia
Cooper, Kath	08 8339 3049 0429 191 848 mobile	South Australia
Cottrell, Matthew	03 5024 8603 0438 594010 mobile	Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia
Cruickshank, Alan	07 4160 0722 07 4162 3238 fax	QLD
Delaporte, Kate	08 8373 2488 08 8373 2442 fax 0427 394 240 mobile	South Australia
Downes, Ross	02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile	ACT, South East Australia
Dunstone, Bob	02 6281 1754 ph/fax	South East NSW
Easton, Andrew	07 4690 2666 07 4630 1063 fax	QLD and NSW
Edwards, Arthur	08 8586 1232 08 8595 1394 fax 0409 609 300 mobile	SE Australia
Eggleton, Steve	03 9876 1097 03 9876 1696 fax	Melbourne Region
Fennell, John	08 8369 8840 08 8389 8899 fax 0401 121 891 mobile	Australia
Fittler, Michael	02 6773 2522 02 6773 3238	NSW
Fleming, Graham	03 9756 6105 03 9752 0005 fax	Australia
Friemond, Terry	08 9203 6720 08 9203 6720 fax 0438 915 811 mobile	Western Australia
Frkovic, Edward	02 6962 7333 02 6964 1311 fax	Australia
Gillespie, David	07 4155 6344 07 4155 6656 fax	Wide Bay Burnett District, QLD



Gororo, Nelson	03 5382 5911 03 5382 5755 fax 0428 534 770 mobile	Mediterranean areas of Australia
Goulden, David	64 3 325 6400 64 3 325 2074 fax	New Zealand
Hanger, Brian	03 9837 5547 ph/fax 0418 598106 mobile	Victoria
Hare, Ray	02 6763 1232 02 6763 1222 fax	QLD, NSW VIC & SA
Harrison, Dion	07 5460 1313 07 5460 1283 fax	south east QLD and northern NSW
Harrison, Peter	08 8948 1894 ph 08 8948 3894 fax 0407 034 083 mobile	Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas
Hashim-Maguire, Jennifer	0499 499 089 mobile	VIC, SA,WA,NSW,QLD
Hempel, Maciej	02 4628 0376 02 4625 2293 fax	NSW, QLD, VIC, SA
Henry, Robert J	02 6620 3010 02 6622 2080 fax	Australia
Herrington, Mark	07 5441 2211 07 5441 2235 fax	Southern Queensland
Hill, Jeff	08 8303 9487 08 8303 9607 fax	South Australia
Hill, Jim	03 6428 2519 03 6428 2049 fax 0428 262 765 mobile	Australia
Hockings, David	07 5494 3385 ph/fax	Southern Queensland
Iredell, Janet Willa	07 3202 6351 ph/fax	SE Queensland
Jack, Brian	08 9952 5040 08 9952 5053 fax	South West WA
James, Andrew	07 3214 2278 07 3214 2272 fax	Australia
James, Jennifer	+64 6 3518214	Manawatu Region, New Zealand
Kirby, Greg	08 8201 2176 08 8201 3015 fax	South Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Lee, Peter	03 6330 1147 03 6330 1927 fax	SE Australia
Lee, Slade	0419 474 251 mobile	Queensland/Northern New South Wales
Lenoir, Roland	02 6231 9063 ph/fax	Australia
Lin, Joy	64 6351 8214	New Zealand
Loch, Don	07 3286 1488 07 3286 3094 fax	Queensland
Lunghusen, Mark	03 5998 2083 03 5998 2089fax 0407 050 133 mobile	Melbourne & environs
Lye, Colin	07 4671 0044 07 4671 0066 fax 0427 786 668 mobile	NT, QLD and NSW
MacGregor, Alison	03 5023 4644 0419 229 713 mobile	Southern Australia – Murray Valley Region

Mackay, Alastair	08 9310 5342 ph/fax 0159 87221 mobile	Western Australia
Mackinnon, Amanda	03 6265 9050 03 6265 9919 fax	Australia
McMaugh, Peter	02 9872 7833 02 9872 7855 fax	Australia
Malone, Michael	+64 6 877 8196 +64 6 877 4761 fax	New Zealand
McKay, Stewart	03 6428 2519 0438 247 978	North West Tasmania
McKirdy, Simon	042 163 8229 mobile	Australia
Mitchell, Hamish	03 9737 9568 03 9737 9899 fax	Victoria
Mitchell, Leslie	03 5821 2021 03 5831 1592 fax	VIC, Southern NSW
Molyneux, William	03 5965 2011 03 5965 2033 fax	Victoria
Moore, Stephen	02 6799 2230 02 6799 2239 fax	NSW
Morley, Ken	08 8541 2802 08 8541 3108 fax 0429 081 318	South Australia
Oates, John	02 6495 0712 0427 277 951 mobile	Eastern Australia
O'Brien, Shaun	07 5442 3055 07 5442 3044 fax 0407 584 417 mobile	SE Queensland
O'Connell, Peter	02 9403 0787 02 9402 6664 fax 0488 233 704 mobile	VIC, NSW, QLD
Owen-Turner, John	07 4129 5217 07 4129 5511 fax	Burnett region, Central Queensland region
Paananen, Ian	02 4381 0051 02 8569 1896 fax 0412 826 589 mobile	Australia (based in Sydney) and New Zealand
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Pettigrew, Stuart	08 8431 0689 0429 936 812	South eastern Australia and southern Western Australia
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Quinn, Patrick	03 5427 0485	SE Australia
Richardson, Clive	03 51550255	Victoria
Rhodes, Phil	64 3322 5405 0211 862 422 mobile phil@epr.co.nz	New Zealand
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region
Roche, Matthew	0412 197 218 mobile	Queensland
Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
Rose, John	07 4661 2944 07 4661 5257 fax	SE Queensland

Saunders, James	03 8318 9016 03 8318 9002 fax 0408 037 801 mobile	Australia
Sewell, James	03 5334 7871 0403 546 811 mobile	Southern Australia
Scalzo, Jessica	+64 6975 8908 2122 689 08 mobile	New Zealand and Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane
Slater, Tony	03 9210 9222 03 9800 3521 fax 0408 656 021 mobile	SE Australia
Smith, Kenneth	02 4570 9069	Australia
Smith, Mike	07 5444 9630	SE Queensland
Smith, Stuart	03 6336 5234 03 6334 4961 fax	SE Australia
Strange, Pamela	03 5024 8204 0427539441 mobile	SE Australia
Swane, Geoff	02 6889 1545 02 6889 2533 fax 0419 841580 mobile	Central western NSW
Swinburn, Garth	03 5023 4644 03 5023 5814 fax	Murray Valley Region - from Swan Hill (Vic) to Waikere (SA)
Syrus, A Kim	03 8556 2555 03 8556 2955 fax	Adelaide
Tancred, Stephen	07 4681 2931 07 4681 4274 fax 0157 62888 mobile	QLD, NSW
Treverrow, Florence	02 6629 3359	Australia
Trimboli, Dan	02 6882 6433 0419 286376 mobile	Southern Australia
Topp, Bruce	07 4681 1255 07 4681 1769 fax	SE QLD, Northern NSW
Warner, Philip	07 5499 9249 ph/fax 0412 162 003 mobile	Australia
Watkins, Phillip	08 9537 1811 08 9537 3589 fax 0416 191 472 mobile	Perth Region
Watson, Brigid	03 5688 1058 0429 702 277 mobile	Victoria
Westra Van Holthe, Jan	03 9706 3033 03 9706 3182 fax	Australia
Wharmby, Emma	03 6428 2519 0400410779	North west Tasmania
Whiley, Tony	07 5441 5441	QLD
Wong, Percy	02 9036 7767	Australia
Zorin, Margaret	07 3207 4306 0418 984 555	Eastern Australia

Last updated on: 17/04/2014

#### Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name
Archbald, Rachel
Aquilizan, Flaviano
Baelde, Arie
Baker, Grant
Bally, Ian
Bartley, Megan
Bennett, Nicholas
Bernuetz, Andrew
Berryman, Pamela
Birchall, Craig
Boorman, Des
Box, Amanda
Brewer, Lester
Brindley, Tony
Brown, Emma
Bunker, Kerry
Brunt, Charlotte
Bunker, John
Burton, Wayne
Cameron, Nick
Cecil, Andrew
Chesher, Wayne
Chaudhury, Abdul
Clayton-Greene, Kevin
Clingeffer, Peter
Constable, Greg
Cook, Esther
Corcoran, Lisa
Coventry, Stewart
Craig, Andrew
Culvenor, Richard
De Betue, Remco
de Koning, Carolyn
Downe, Graeme
Dutschke, Nathan
Eastwood, Russell
Eglinton, Jason
Elliott, Philip
Evans, Pedro
Eykamp, Donald
Eyles, Gary
Fitzgibbon, John
Fleming, Rebecca
Flett, Peter
Geary, Judith
Gibbons, Philip

Glover, Russell
Graetz, Darren
Gurciullo, Gaetano
Hassani, Mohammad
Hawkey, David
Herring, Meredith
Hollamby, Gil
Hoppo, Suzanne
Howie, Jake
Humphries, Alan
Hurst, Andrea
Irwin, John
Jiranek, Vladimir
Jupp, Noel
Kaehne, Ian
Kaiser, Stefan
Kapitany, Attila
Katz, Mark
Kebblewhite, Tony
Kempff, Stefan
Kennedy, Chris
Kobelt, Eric
Lacey, Kevin
Larkman, Clive
Leddin, Anthony
Lee, Kathryn
Lee, Jodie
Lee, Slade
Leeks, Conrad
Leonforte, Antonio
Lewis, Hartley
Lewthwaite, Stephen
Loi, Angelo
Lonergan, Paul
Lowe, Russell
Luckett, David
Madsen, Dean
Matic, Rade
Materne, Michael
Matthews, Michael
May, Peter
McCabe, Dominic
McCredden, John
McDonald, David
Miller, Kylie
Mitchell, Steven
Moss, Ian
Mullins, Kathleen
Myors, Philip
Neilson, Peter
Newman, Allen
Noone, Brian
Norriss, Michael

O'Brien, Tim
O'Leary, Finbarr
O'Sullivan, Robert
Ovenden, Ben
Palmer, Ross
Paull, Jeff
Pearce, Bob
Peoples, Alan
Pike, David
Pike, Elise
Porter, Gavin
Potter, Trent
Pressler, Craig
Rankin, Grant
Rayner, Kenneth
Reid, Peter
Reinke, Russell
Russell, Dougal
Sadeque, Abdus
Sanders, Milton
Sanewski, Garth
Sarkhosh, Ali
Schreuders, Harry
Scott, Ralph
Senior, Michael
Smith, Leigh
Smith, Malcolm
Smith, Chris
Snell, Peter
Snelling, Cath
Song, Leonard
Sounness, Janine
Stephens, Joseph
Stiller, Warwick
Sutton, John
Taylor, Kerry
Todd, Peter
Trigg, Pamela
Urwin, Nigel
Vaughan, Peter
Venkatanagappa, Shoba
Venn, Neil
Verdegaal, John
Walton, Mark
Warner, Bradley
Warren, Andrew
Weatherly, Lilia
Weber, Ryan
Wei, Xianming
Whiting, Matthew
Wilkie, John
Williams, Joanne
Wilson, Rob

Wilson, Stephen
Winter, Bruce
Wirthensohn, Michelle
Wright, Graeme
Yan, Guijun

Last updated on: 23/01/2014

## **APPENDIX 5**

### **ADDRESSES OF UPOV AND MEMBER STATES**

#### **International Union for the Protection of New Varieties of Plants (UPOV):**

International Union for the Protection of New Varieties of Plants (UPOV)  
34, Chemin des Colombettes  
CH-1211  
Geneva 20  
SWITZERLAND

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

Web site: <http://www.upov.int>

**List of Addresses of Plant Variety Protection Offices in UPOV Member States**

**Status of Ratification in UPOV member States is available from UPOV website.**

## APPENDIX 6

### CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$800. This is a saving of nearly 40% over the normal fee of \$1400.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

### APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

#### Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met:

##### Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

##### Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

analysed data. These staff will require the authority to ensure timely maintenance of the trial. Where provided by the PBR office, the protocol and technical guidelines for the conduct of the trial must be followed.

### **Substantial industry support**

Normally the establishment will be recognised by a state or national industry society or association. This may include/be replaced by a written commitment from major nurseries or other applicants, who have a history of regularly making applications for PBR in Australia, to use the facility.

### **Capability for long-term storage of genetic material**

Depending upon the genus, a CTC must be in a position to make a long-term commitment to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as a national genetic resource centre in perpetuity will be favoured.

### **Contract testing for 3rd Parties**

Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

### **Relationship between CTC and 3rd Parties**

A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

### **One trial at a time**

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

### **One CTC per genus**

Normally only one CTC will be authorised to test a genus. Special circumstances may exist (environmental factors, quarantine etc) to allow more than one CTC per genus, though a special case will need to be made to the PBR office. More than one CTC maybe allowed for roses.

One CTC may be authorised to test more than one genus.  
Authorisations for each genus will be reviewed periodically.

### **Authorised Centralised Test Centres (CTCs)**

Following publication of applications for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs. Any special conditions are also listed.

<b>Name</b>	<b>Location</b>	<b>Approved Genera</b>	<b>Facilities</b>	<b>Name of QP</b>	<b>Date of accreditation</b>
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture laboratory	R Kirkham	31/3/97
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/6/97
Ag-Seed Research	Horsham and other sites	Canola	Field, glasshouse, shadehouse, laboratory and biochemical analyses	P Rudolph	30/6/97
Agriculture Western Australia	Northam WA	Wheat	Field, laboratory	D Collins	30/6/97
University of Sydney, Plant Breeding Institute	Camden, NSW	<i>Argyranthemum</i> , <i>Diascia</i> , <i>Mandevilla</i>	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms,	J Oates	30/6/97



			tissue culture, molecular genetics and cytology lab.		
Boulter 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	<i>Bracteantha</i>	Outdoor, irrigation	M Lunghusen	30/6/98
Redlands Nursery	Redland Bay, QLD	<i>Aglaonema</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	30/6/98
Protected Plant Promotions	Macquarie Fields , NSW	New Guinea Impatiens including <i>Impatiens hawkeri</i> and its hybrids	Glasshouse	I Paananen	30/9/98
University of Queensland, Gatton College	Lawes, QLD	Some tropical pastures	Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage	To be advised	30/9/98
Jan and Peter Iredell	Moggill, QLD	Bougainvillea	Outdoor, shadehouse	J Iredell	30/9/98
Protected Plant Promotions	Macquarie Fields, NSW	<i>Verbena</i>	Glasshouse	I Paananen	31/12/98
Avondale Nurseries Ltd	Glenorie, NSW	<i>Agapanthus</i>	Greenhouse, tissue culture with commercial partnership	I Paananen	31/12/98
Paradise Plants	Kulnura, NSW	<i>Camellia</i> , <i>Lavandula</i> , <i>Osmanthus</i> , <i>Ceratopetalum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/98
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment greenhouses	C Prescott	31/12/98
F & I Baguley Flower and Plant Growers	Clayton South, VIC	<i>Euphorbia</i>	Controlled glasshouses, quarantine facilities, tissue culture	G Guy	31/3/99
Paradise Plants	Kulnura, NSW	<i>Limonium</i> , <i>Raphiolepis</i> , <i>Eriostemon</i> , <i>Lonicera</i> <i>Jasminum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	30/6/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Angelonia</i>	Glasshouse	I Paananen	30/6/00
Carol's Propagation	Alexandra Hills, QLD	<i>Cuphea</i> , <i>Anthurium</i>	Field beds, wide range of comparative varieties	C Milne D Singh	30/6/00
Turf Australia†	Cleveland, QLD	<i>Cynodon</i> , <i>Zoysia</i> and other selected warm season- season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	M Roche	30/9/00

Luff Partnership	Kulnura, NSW	<i>Bracteantha</i>	Field beds, irrigation, shade house, propagation house, cool rooms,	I Dawson	31/12/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Petunia, Calibrachoa</i>	Glasshouse	I Paananen J Oates	31/12/00
NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood,	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteaflora Nursery Pty Ltd	Monbulk, VIC	<i>Plectranthus</i>	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	<i>Zingiber</i>	Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services	D Marcsik	30/9/04
Ball Australia	Keysborough, VIC	<i>Impatiens, Verbena</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/04
Floreta Pty Ltd	Redland Bay QLD	<i>Bracteantha</i>	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevard Nurseries Mildura Pty Ltd	Irymple VIC	<i>Zantedeschia</i>	Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics, quarantine facilities	K Mullins	31/12/04

Buchanan's Nursery	Hodgsonvale, QLD	<i>Prunus</i>	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/04
Ball Australia	Keysborough, VIC	<i>Calibrachoa, Osteospermum</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including biotech, propagation, outdoor facilities	I Bally	30/09/05
Blueberry Farms of Australia	Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania	<i>Vaccinium</i>	Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories.	I Paananen	15/10/07
Ball Australia	Keysborough, VIC	<i>Kalanchoe</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	3/6/08
PBseeds	Horsham, VIC	<i>Lens culinaris</i>	Glasshouse, shadehouse, small plot equipment, seed production, processing and long term storage	T Leonforte G Kadkol	5/7/11
Mansfield Propagation Nursery Pty Ltd	Carrum Downes and Skye, VIC	<i>Lomandra</i>	Propagation greenhouses and indoor and outdoor growing areas.	M Lunghusen	7/11/11
Ramm Botanicals	Kangy Angy, NSW	<i>Anigozanthos</i>	Tissue culture, environment controlled greenhouse; extensive outdoor and shadehouse areas.	Ryan Weber Megan Bartley	10/2/12
Outback Plants Pty Ltd	Cranbourne, and Longwarry VIC	<i>Aloe</i>	Propagation greenhouses and indoor and outdoor growing areas.	M Lunghusen	10/12/12
Solan Pty Ltd	Waikerie SA	<i>Solanum tuberosum</i>	Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials	J. Fennell	10/1/13

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Highsun Express**	Ormiston and Toowoomba	<i>Pelargonium, Verbena and Petunia</i>	Climate controlled greenhouses, shade houses, outdoor growing areas, germination	D Singh M Zorin

			chambers, cool rooms, an approved quarantine facility	
Yates Botanical Pty Ltd**	Somersby and Tuggerah, NSW	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen
Aussie Winners Pty Ltd	Redland Bay, QLD	<i>Fuchsia</i>	Comprehensive growing facilities	I Paananen
Schreurs Australia Pty Ltd**	Leppington, NSW	<i>Rosa</i>	Comprehensive growing facilities	I Paananen

\*\* = Please note that these organisations have been requested to submit a special case based on technical reasons and other grounds to allow an additional CTCs to be accredited for the genera in question. Accordingly, publication of their pending application does not infer that any decision regarding accreditation has been made at this time.

† = Following the 2012 restructuring within the Queensland Government, the CTC for *Cynodon*, *Zoysia* and other selected warm season-season turf and amenity species at Cleveland, Queensland previously conducted by Department of Primary Industries, Redlands Research Station, will now be run at the same location by Turf Australia.

Comments (both for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

The Registrar  
Plant Breeder's Rights Office  
IP Australia  
PO Box 200  
Woden, ACT 2606  
Fax (02) 6283 7999

Closing date for comment: 31 March 2014.

## APPENDIX 7

## List of Classes for Variety Denomination Purposes

UPOV Variety Denomination Classes: (UPOV/INF/12/1: ANNEX I)

A Variety Denomination Should not be Used More than Once in the Same Class

For the purposes of providing guidance on the third and fourth sentences of paragraph 2 of Article 20 of the 1991 Act and of Article 13 of the 1978 Act and the 1961 Convention, variety denomination classes have been developed. A variety denomination should not be used more than once in the same class. The classes have been developed such that the botanical taxa within the same class are considered to be closely related and/or liable to mislead or to cause confusion concerning the identity of the variety.

The variety denomination classes are as follows:

(a) General Rule (one genus / one class): for genera and species not covered by the List of Classes in this Annex, a genus is considered to be a class;

(b) Exceptions to the General Rule (list of classes):

(i) classes within a genus: List of classes in this Annex: Part I;

(ii) classes encompassing more than one genus: List of classes in this Annex: Part II.

## LIST OF CLASSES

Part I*Classes within a genus*

	<u>Botanical names</u>	<u>UPOV codes</u>
Class 1.1	Brassica oleracea	BRASS_OLE
Class 1.2	Brassica other than Brassica oleracea	other than BRASS_OLE
Class 2.1	Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima	BETAA_VUL_GVA; BETAA_VUL_GVS
Class 2.2	Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: B. vulgaris L. var. rubra L.), B. vulgaris L. var. cicla L., B. vulgaris L. ssp. vulgaris var. vulgaris	BETAA_VUL_GVC; BETAA_VUL_GVF
Class 2.3	Beta other than classes 2.1 and 2.2.	other than classes 2.1 and 2.2
Class 3.1	Cucumis sativus	CUCUM_SAT
Class 3.2	Cucumis melo	CUCUM_MEL
Class 3.3	Cucumis other than classes 3.1 and 3.2	other than classes 3.1 and 3.2
Class 4.1	Solanum tuberosum L.	SOLAN_TUB
Class 4.2	Solanum other than class 4.1	other than class 4.1

## LIST OF CLASSES (Continuation)

## Part II

*Classes encompassing more than one genus*

	<u>Botanical names</u>	<u>UPOV codes</u>
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	CHRY; 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 auricula Auricularia polytricha (Mont.) Sacc. Dictyophora indusiata (Ventenat:Persoon) Fischer Flammulina velutipes Ganoderma lucidum (Leys: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) Kartern Mycleptodonoides aitchisonii (Berkeley) Maas Geesteranus Naematoloma sublateritium Panellus serotinus Pholiota adiposa Pholiota nameko Pleurotus cornucopiae var.citrinooleatus Pleurotus cystidiosus Pleurotus cystidiosus subsp. Abalonus Pleurotus eryngii Pleurotus ostreatus Pleurotus pulmonarius Polyporus tuberaster (Jacquin ex Persoon) Fries Sparassis crispa (Wulfen) Fries Tricholoma giganteum Masee	AGARI_BIS AGARI_BLA AGROC_CYL AURIC_AUR AURIC_POL DICTP_IND FLAMM_VEL GANOD_LUC GRIFO_FRO HERIC_ERI HYPSE_MAR HYPSE_ULM LENTI_ELO LEPIS_NUD LEPIS_SOR LYOPH_DEC LYOPH_SHI MERIP_GIG MYCOL_AIT NAEMA_SUB PANEL_SER PHLIO_ADI PHLIO_NAM PLEUR_COR PLEUR_CYS PLEUR_CYS_ABA PLEUR_ERY PLEUR_OST 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://pericles.ipaustralia.gov.au/pbr\\_db/](http://pericles.ipaustralia.gov.au/pbr_db/)



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