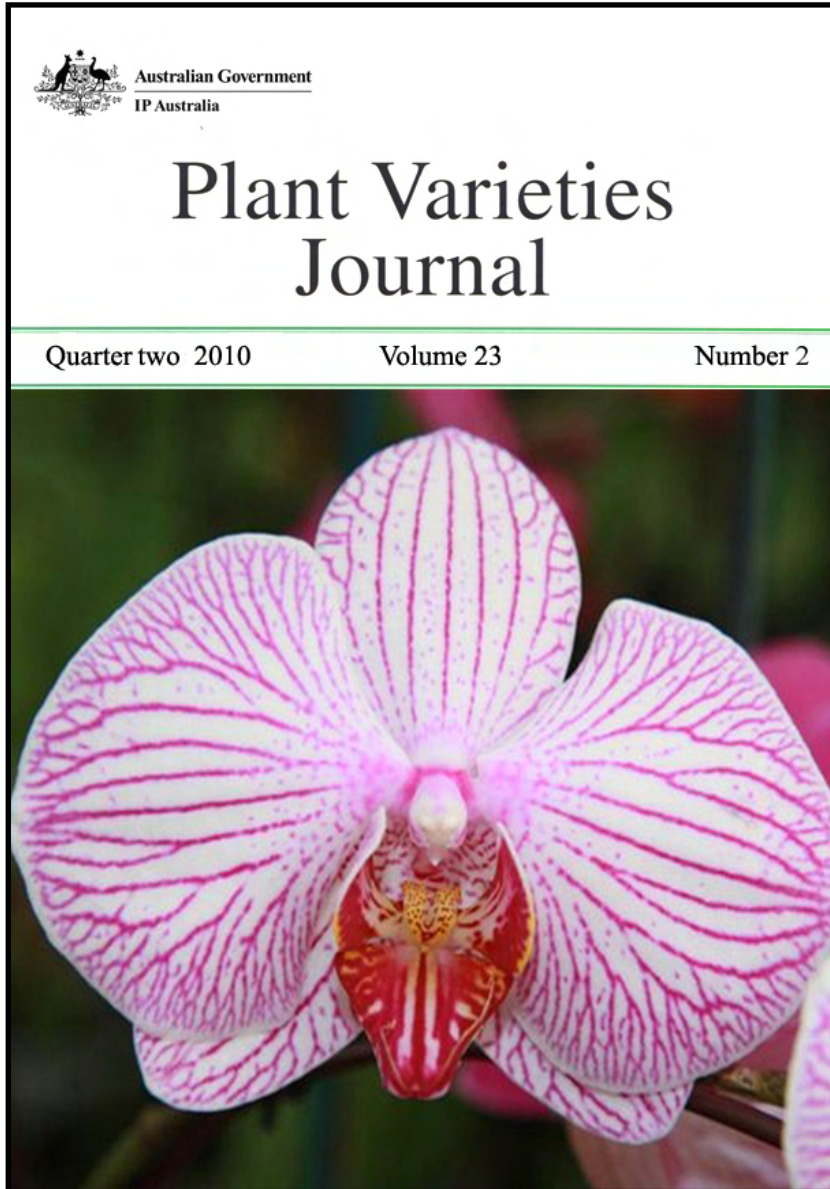




Australian Government  
IP Australia

**Plant Varieties Journal - Current Edition**



Plant Varieties Journal

Official Journal of Plant Breeder's  
Rights Office, IP Australia

Quarter Two 2010

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Part 1 of *Plant Varieties Journal* provides the link with the General Information about the Plant Breeder's Rights Scheme, the procedures for objections and revocations, UPOV developments, important changes, official notices etc. The General Information pages of *Plant Varieties Journal* (Vol. 23 Issue 2) are listed below:

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## Interactive Variety Description System (IVDS)

For preparing the detailed description, the Plant Breeder's Rights Office (PBRO) has released the Interactive Variety Description System (IVDS) in the Internet ([https://pbr-ivds.ipaustralia.plantbreeders.gov.au/pbr\\_ivds/](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 (as of Nov 22, 2009):**

Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, European Community, Estonia, Finland, France, Georgia, Germany, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Oman, Panama, Paraguay, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Trinidad and Tobago, Turkey, Tunisia, Ukraine, United Kingdom, United States of America, Uruguay, Uzbekistan and Vietnam. (Total 68).

Oman became the 68<sup>th</sup> member of the union on Nov 22, 2009.

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.

## Personal Properties Securities Regime

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

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

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

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

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

**Queries:** Leo O'Keeffe  
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**Contact:** IP Australia  
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**Fax:** +61 2 6283 7999  
**E-mail:** [assist@ipaustrialia.gov.au](mailto:assist@ipaustrialia.gov.au)  
**Web:** [www.ipaustrialia.gov.au](http://www.ipaustrialia.gov.au)



Australian Government  
IP Australia

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 23 Issue 2) are listed below:

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

## ACCEPTANCES

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

*Actinidia chinensis*

KIWIFRUIT

### **‘Y356’**

Application No: 2010/029 Accepted: 2 June, 2010

Applicant: **Y356 Ltd.**

Agent: **Griffith Hack**, Melbourne, VIC.

### **‘ZESY002’**

Application No: 2010/051 Accepted: 22 June, 2010

Applicant: **Zespri Group Limited.**

Agent: **Griffith Hack**, Melbourne, VIC.

### **‘ZESY003’**

Application No: 2010/053 Accepted: 22 June, 2010

Applicant: **Zespri Group Limited.**

Agent: **Griffith Hack**, Melbourne, VIC.

### **‘ZESH004’**

Application No: 2010/052 Accepted: 22 June, 2010

Applicant: **Zespri Group Limited.**

Agent: **Griffith Hack**, Melbourne, VIC.

*Anigozanthos* hybrid

KANGAROO PAW

### **‘Rambozazz’ syn Bush Pizzazz**

Application No: 2010/040 Accepted: 11 April, 2010

Applicant: **Ramm Botanicals Holdings Pty Ltd.**, Kangy Angy, NSW.

*Camellia sasanqua*

CAMELLIA

### **‘Pareli’**

Application No: 2010/068 Accepted: 3 June, 2010

Applicant: **The Paradise Seed Company Pty Ltd.**

Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

**‘Parjoy’**

Application No: 2010/069 Accepted: 3 June, 2010  
Applicant: **The Paradise Seed Company Pty Ltd.**  
Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

**‘Partin’**

Application No: 2010/066 Accepted: 3 June, 2010  
Applicant: **The Paradise Seed Company Pty Ltd.**  
Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

*Chloris gayana*

RHODES GRASS

**‘KG2’**

Application No: 2010/071 Accepted: 3 May, 2010  
Applicant: **Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd**, Kenmore, QLD.

**‘KP8’**

Application No: 2010/070 Accepted: 3 May, 2010  
Applicant: **Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd**, Kenmore, QLD.

*Citrus sinensis*

SWEET ORANGE

**‘Swiftly’**

Application No: 2010/030 Accepted: 7 April, 2010  
Applicant: **Anthony McCarten**, Dareton, NSW.

*Eucomis comosa*

PINEAPPLE FLOWER

**‘Rebecca’**

Application No: 2010/079 Accepted: 21 June, 2010  
Applicant: **Jennifer Katherine Jessup**, Wangandary, VIC.

*Fragaria x ananassa*

STRAWBERRY

**‘DrisStrawFifteen’**

Application No: 2010/078 Accepted: 24 May, 2010  
Applicant: **Driscoll Strawberry Associates, Inc.**  
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

**‘DrisStrawFourteen’**

Application No: 2010/077 Accepted: 24 May, 2010  
Applicant: **Driscoll Strawberry Associates, Inc.**  
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

**‘DrisStrawTwelve’**

Application No: 2010/067 Accepted: 24 May, 2010  
Applicant: **Driscoll Strawberry Associates, Inc.**  
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

**‘Virtue’**

Application No: 2009/326 Accepted: 12 May, 2010  
Applicant: **Berry Genetics, Inc.**  
Agent: **Watermark Patent and Trademark Attorneys**, Hawthorn, VIC.

*Fuchsia* hybrid

FUCHSIA

**‘NuFu1’ syn Electric Lights**

Application No: 2009/036 Accepted: 7 April, 2010  
Applicant: **NuFlora International Pty Ltd.**  
Agent: **Sprint Horticulture Pty Ltd**, Wambera, NSW.

**‘GT10’**

Application No: 2010/031 Accepted: 1 April, 2010  
Applicant: **NuFlora International Pty Ltd.**  
Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

*Glycine max*

SOYBEAN

**‘Ascot’**

Application No: 2009/313 Accepted: 15 April, 2010

Applicant: **Eric Robinson, John Rose**, Toowoomba, QLD.

**‘Fernside’**

Application No: 2010/057 Accepted: 15 April, 2010  
Applicant: **Eric Robinson, John Rose**, Toowoomba, QLD.

**‘Talgai’**

Application No: 2009/312 Accepted: 25 May, 2010  
Applicant: **Eric Robinson, John Rose**, Toowoomba, QLD.

*Hordeum vulgare*

BARLEY

**‘ND 19119-5’**

Application No: 2009/351 Accepted: 1 April, 2010  
Applicant: **NDSU Research Foundation**.  
Agent: **State of Queensland through its Department of Employment, Economic Development and Innovation**, Brisbane, Qld.

**‘SAKIMP005’**

Application No: 2009/318 Accepted: 16 April, 2010  
Applicant: **Sakata Seed Corporation**.  
Agent: **Sakata Seed Oceania**, Warragul, VIC.

**‘SAKIMP009’**

Application No: 2009/319 Accepted: 16 April, 2010  
Applicant: **Sakata Seed Corporation**.  
Agent: **Sakata Seed Oceania**, Warragul, VIC.

**‘SAKIMP011’**

Application No: 2009/320 Accepted: 16 April, 2010  
Applicant: **Sakata Seed Corporation**.  
Agent: **Sakata Seed Oceania**, Warragul, VIC.

**‘SAKIMP012’**

Application No: 2009/321 Accepted: 16 April, 2010  
Applicant: **Sakata Seed Corporation**.  
Agent: **Sakata Seed Oceania**, Warragul, VIC.

**‘SAKIMP018’**

Application No: 2009/322 Accepted: 16 April, 2010

Applicant: **Sakata Seed Corporation.**  
Agent: **Sakata Seed Oceania**, Warragul, VIC.

*Laurus nobilis*

BAY TREE, LAUREL, LAURIER

**‘Tuscany’**

Application No: 2010/056 Accepted: 21 April, 2010  
Applicant: **Kiwi Flora.**  
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

*Leptospermum laevigatum*

TEA TREE

**‘Fore Shore’**

Application No: 2009/327 Accepted: 29 April, 2010  
Applicant: **Phillip Dowling.**  
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

*Malus domestica*

APPLE

**‘Milwa’**

Application No: 2010/033 Accepted: 25 May, 2010  
Applicant: **Agroscope Changins-Wadenswil Research Station ACW.**  
Agent: **Fleming’s Nurseries and Associates**, Hoddles Creek, VIC.

*Malus domestica x Malus robusta*

APPLE ROOTSTOCK

**‘G.41’**

Application No: 2010/032 Accepted: 25 May, 2010  
Applicant: **Cornell Research Foundation, Inc..**  
Agent: **Graham’s Factree Pty Ltd**, Hoddles Creek, VIC.

*Medicago sativa*

LUCERNE

**‘CW 85087’**

Application No: 2010/049 Accepted: 21 April, 2010



Applicant: **Cal/West Seeds.**

Agent: **PGG Wrightson Seeds (Australia) Pty Ltd**, Truganina, VIC.

*Metrosideros excelsa*

NEW ZEALAND CHRISTMAS TREE

**‘Lemon Twist’**

Application No: 2009/352 Accepted: 9 April, 2010

Applicant: **Quito Pty Ltd**, Carabooda, WA.

*Myoporum parvifolium*

CREEPING BOOBIALLA, CREEPING MYOPORUM

**‘Garden Armour’**

Application No: 2010/008 Accepted: 29 April, 2010

Applicant: **Darren James Wallace.**

Agent: **Bushland Flora Pty Ltd**, Mt Evelyn, VIC.

*Nandina domestica*

HEAVENLY BAMBOO

**‘AKA’**

Application No: 2009/238 Accepted: 9 June, 2010

Applicant: **Magnolia Gardens Nursery.**

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

**‘MURASAKI’**

Application No: 2009/239 Accepted: 9 June, 2010

Applicant: **Magnolia Gardens Nursery.**

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

*Osteospermum* hybrid

CAPE DAISY

**‘SAKOST7959’**

Application No: 2009/324 Accepted: 16 April, 2010

Applicant: **Sakata Ornamentals Europe A/S.**

Agent: **Sakata Seed Oceania**, Warragul, VIC.

*Ozothamnus diosmifolius*

RICEFLOWER

**'Royal Flush'**

Application No: 2010/055 Accepted: 1 June, 2010  
Applicant: **E.G & E.R. Cook**, Helidon, QLD.

**'Springtime White'**

Application No: 2010/054 Accepted: 1 June, 2010  
Applicant: **E.G & E.R. Cook**, Helidon, QLD.

*Pennisetum advena*

FOUNTAIN GRASS

**'MTSN1' syn EmeraldElf**

Application No: 2009/364 Accepted: 3 May, 2010  
Applicant: **Colourwise Nursery (NSW) Pty Ltd**, Glenorie, NSW.

*Petunia x Calibrachoa*

PETCHOA

**'Kakegawa S91'**

Application No: 2009/316 Accepted: 16 April, 2010  
Applicant: **Sakata Seed Corporation**.  
Agent: **Sakata Seed Oceania**, Warragul, VIC.

**'Kakegawa S89'**

Application No: 2009/323 Accepted: 16 April, 2010  
Applicant: **Sakata Seed Corporation**.  
Agent: **Sakata Seed Oceania**, Warragul, VIC.

**'SAKPXC005'**

Application No: 2009/317 Accepted: 16 April, 2010  
Applicant: **Sakata Seed Corporation**.  
Agent: **Sakata Seed Oceania**, Warragul, VIC.

**'SAKPXC006'**

Application No: 2009/315 Accepted: 16 April, 2010  
Applicant: **Sakata Seed Corporation**.  
Agent: **Sakata Seed Oceania**, Warragul, VIC.

*Phalaenopsis* hybrid

MOTH ORCHID

**'Sogo F-1314'**

Application No: 2009/355 Accepted: 25 June, 2010

Applicant: **Feng Chiang Kuei.**

Agent: **Flora International Pty Ltd**, Leppington, NSW.

**'Sogo F-1774'**

Application No: 2009/354 Accepted: 25 June, 2010

Applicant: **Feng Chiang Kuei.**

Agent: **Flora International Pty Ltd**, Leppington, NSW.

*Philotheca buxifolia*

LONG LEAVED WAXFLOWER, ERIOSTEMON

**'SolarEclipse'**

Application No: 2010/100 Accepted: 22 June, 2010

Applicant: **Robert Harrison.**

Agent: **Touch of Class Plants P/L**, Tynong, VIC.

*Pisum sativum*

FIELD PEA

**'Maki'**

Application No: 2010/035 Accepted: 12 April, 2010

Applicant: **Plant Research (NZ) Ltd.**

Agent: **The University of Sydney**, Narrabri, NSW.

*Prunus avium*

SWEET CHERRY

**'Royal Hazel'**

Application No: 2010/083 Accepted: 25 May, 2010

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

Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, Vic.

**'Royal Lynn'**

Application No: 2010/084 Accepted: 25 May, 2010

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

Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, Vic.

*Prunus persica*

PEACH

**'Zaimus' syn Royal Summer**

Application No: 2010/085 Accepted: 25 May, 2010  
Applicant: **Zaiger's Inc. Genetics.**  
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, Vic.

*Prunus persica var. nucipersica*

NECTARINE

**'Zaipava' syn Honey Prima**

Application No: 2010/086 Accepted: 25 May, 2010  
Applicant: **Zaiger's Inc. Genetics.**  
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, Vic.

*Rosa hybrid*

ROSE

**'Grandakerue'**

Application No: 2009/289 Accepted: 9 April, 2010  
Applicant: **Mr H Schreuders.**  
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

**'Grandizzarapap'**

Application No: 2009/290 Accepted: 9 April, 2010  
Applicant: **Mr H Schreuders.**  
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

**'Grandollemarac'**

Application No: 2009/288 Accepted: 9 April, 2010  
Applicant: **Mr H Schreuders.**  
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

**'Grandtnahcne'**

Application No: 2009/291 Accepted: 9 April, 2010  
Applicant: **Mr H Schreuders.**  
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

**‘WEKcocbeb’ syn Topsy Turvy**

Application No: 2009/221 Accepted: 13 April, 2010  
Applicant: **Weeks Roses Ltd.**  
Agent: **Swanes Nurseries Australia Pty Ltd**, Dural, NSW.

**‘WEKosunkora’ syn Truly Yours**

Application No: 2009/220 Accepted: 13 April, 2010  
Applicant: **Weeks Roses Ltd.**  
Agent: **Swanes Nurseries Australia Pty Ltd**, Dural, NSW.

**‘WEKsmopur’ syn Ebb Tide**

Application No: 2009/183 Accepted: 13 April, 2010  
Applicant: **Weeks Roses Ltd.**  
Agent: **Swane’s Nurseries Australia Pty Ltd**, Dural, NSW.

**‘WEKvossutono’ syn Soul Mate**

Application No: 2009/219 Accepted: 13 April, 2010  
Applicant: **Weeks Roses Ltd.**  
Agent: **Swanes Nurseries Australia Pty Ltd**, Dural, NSW.

*Rubus idaeus*

RASPBERRY

**‘DrisRaspTwo’**

Application No: 2010/076 Accepted: 4 June, 2010  
Applicant: **Driscoll Strawberry Associates, Inc.**  
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

*Schlumbergera truncata*

CHRISTMAS CACTUS

**‘Bright Spark’**

Application No: 2010/096 Accepted: 29 June, 2010  
Applicant: **Tillington House Pty Limited**, Coffs Harbour, NSW.

**‘Rusty’**

Application No: 2010/097 Accepted: 29 June, 2010  
Applicant: **Tillington House Pty Limited**, Coffs Harbour, NSW.

**‘Margit’**

Application No: 2009/264 Accepted: 16 April, 2010

Applicant: **Solana Agrar-Produkte GMBH & Co KG.**  
Agent: **Western Potatoes Ltd**, West Perth, WA.

**‘Red Lady’**

Application No: 2009/263 Accepted: 16 April, 2010  
Applicant: **Solana Agrar-Produkte GMBH & Co KG.**  
Agent: **Western Potatoes Ltd**, West Perth, WA.

*Solanum tuberosum*

POTATO

**‘Crisp4all’**

Application No: 2010/018 Accepted: 4 June, 2010  
Applicant: **HZPC Holland B.V.**  
Agent: **Harvest Moon Pty Ltd**, Forth, TAS.

**‘Laurene’**

Application No: 2010/015 Accepted: 4 June, 2010  
Applicant: **HZPC Holland B.V.**  
Agent: **Harvest Moon Pty Ltd**, Forth, TAS.

**‘Marilyn’**

Application No: 2010/014 Accepted: 4 June, 2010  
Applicant: **HZPC Holland B.V.**  
Agent: **Harvest Moon Pty Ltd**, Forth, TAS.

**‘Neptune’**

Application No: 2010/013 Accepted: 4 June, 2010  
Applicant: **HZPC Holland B.V.**  
Agent: **Harvest Moon Pty Ltd**, Forth, TAS.

**‘Opera’**

Application No: 2010/016 Accepted: 4 June, 2010  
Applicant: **HZPC Holland B.V.**  
Agent: **Harvest Moon Pty Ltd**, Forth, TAS.

**‘Sifra’**

Application No: 2010/020 Accepted: 4 June, 2010  
Applicant: **HZPC Holland B.V. and C.J. Biemond.**  
Agent: **Harvest Moon, Forth Farm Produce Pty. Ltd**, Forth, TAS.

**‘Taurus’**

Application No: 2010/017 Accepted: 4 June, 2010  
Applicant: **HZPC Holland B.V.**  
Agent: **Harvest Moon Pty Ltd**, Forth, TAS.

*Sporobolus virginicus*

SAND COUCH

**‘QLD-Coast’**

Application No: 2010/038 Accepted: 19 April, 2010  
Applicant: **The State of Queensland through its Department of Employment, Economic Development and Innovation (DEED)**, Indooroopilly, QLD.

*Syzygium paniculatum*

LILLY PILLY

**‘PC1’ syn Backyard Bliss**

Application No: 2009/344 Accepted: 17 June, 2010  
Applicant: **Pinecrest Nursery**.  
Agent: **Traden Tubes Pty Ltd**, Box Hill, NSW.

*Trifolium pratense*

RED CLOVER

**‘Rubitas’**

Application No: 2010/075 Accepted: 22 June, 2010  
Applicant: **The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment, University of Tasmania**, Kings Meadows, TAS.

*Triticum aestivum*

WHEAT

**‘LongReach Spitfire’ syn LRPB Spitfire**

Application No: 2010/123 Accepted: 22 June, 2010  
Applicant: **LongReach Plant Breeders Management Pty Ltd**, Lonsdale, SA.

## Variety Descriptions

<u>Common (Genus Species)</u>	<u>Variety</u>	<u>Title Holder</u>
<u>Peruvian Lily</u> <i>(Alstroemeria hybrid)</i>	Konamul	Konst Breeding B.V.
<u>Peruvian Lily</u> <i>(Alstroemeria hybrid)</i>	Konevotio	Konst Breeding B.V.
<u>Peruvian Lily</u> <i>(Alstroemeria hybrid)</i>	Konratus	Konst Breeding B.V.
<u>Peruvian Lily</u> <i>(Alstroemeria hybrid)</i>	Konpulse	Konst Breeding B.V.
<u>Peruvian Lily</u> <i>(Alstroemeria hybrid)</i>	Konanel	Konst Breeding B.V.
<u>Hairpin Banksia</u> <i>(Banksia spinulosa var. collina)</i>	Goldenlighthouse	Judith Ann Geary
<u>Rhodes Grass</u> <i>(Chloris gayana)</i>	KP8	Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd
<u>Rhodes Grass</u> <i>(Chloris gayana)</i>	KG2	Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd
<u>Correa (Correa sp)</u>	C100	Peter James Ollerenshaw



<a href="#"><u>Correa (Correa sp)</u></a>	Isabell	Peter James Ollerenshaw
<a href="#"><u>Correa (Correa sp)</u></a>	Catie Bec	Peter James Ollerenshaw
<a href="#"><u>Correa (Correa sp)</u></a>	Jezabell	Peter James Ollerenshaw
<a href="#"><u>Couchgrass (Cynodon dactylon)</u></a>	Gullygold	Thomas G. Parker
<a href="#"><u>Tall Fescue (Festuca arundinacea)</u></a>	Resolute II	PGG Wrightson Seeds Ltd
<a href="#"><u>Grevillea (Grevillea alpina x rosmarinifolia)</u></a>	Fire Cracker	Michael Wood
<a href="#"><u>Grevillea (Grevillea formosa x Grevillea banksii)</u></a>	Ninderry-Sunrise	Waragrow Holdings Pty Ltd T/as Fairhill Native Plants & Botanic Gardens
<a href="#"><u>Barley (Hordeum vulgare)</u></a>	Macquarie	University of Tasmania, Grains Research and Development Corporation
<a href="#"><u>Barley (Hordeum vulgare)</u></a>	Macumba	Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation
<a href="#"><u>Barley (Hordeum vulgare)</u></a>	Finniss	Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation
<a href="#"><u>Busy Lizzie (Impatiens walleriana)</u></a>	Balolespri	Ball Horticultural Company
<a href="#"><u>Coral Vine (Kennedia coccinea)</u></a>	KencoralGL	George A Lullfitz
<a href="#"><u>Ryegrass (Lolium hybridum)</u></a>	BQT II	PGG Wrightson Seeds Ltd

<a href="#">Annual Ryegrass</a> <i>(Lolium multiflorum var. westerwoldicum)</i>	Arnie	Barenbrug Holland B.V.
<a href="#">Perennial Ryegrass</a> ( <i>Lolium perenne</i> )	One50	PGG Wrightson Seeds Ltd
<a href="#">Birdsfoot Trefoil</a> <i>(Lotus corniculatus)</i>	LC07AS	Department of Industry and Investment for and on behalf of the State of New South Wales, Australian Wool Innovation Limited, Future Farm Industries CRC Ltd, Rural Industries Research and Development Corporation
<a href="#">Birdsfoot Trefoil</a> <i>(Lotus corniculatus)</i>	LC07AT	Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited
<a href="#">Birdsfoot Trefoil</a> <i>(Lotus corniculatus)</i>	LC07AUYP	Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Instituto Nacional de Investigacion Agropecuaria

<a href="#"><u>Birdsfoot Trefoil</u></a> <a href="#"><u>(<i>Lotus corniculatus</i>)</u></a>	LC07AUF	Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Instituto Nacional de Investigacion Agropecuaria
<a href="#"><u>Southern Magnolia</u></a> <a href="#"><u>(<i>Magnolia grandiflora</i>)</u></a>	Southern Charm	Head Ornamentals Inc.
<a href="#"><u>Apple (<i>Malus domestica</i>)</u></a>	Scilate	The New Zealand Institute for Plant and Food Research Limited
<a href="#"><u>Apple (<i>Malus domestica</i>)</u></a>	ST 808.15	Western Australian Agriculture Authority
<a href="#"><u>Lucerne</u></a> <a href="#"><u>(<i>Medicago sativa</i>)</u></a>	ML 99	Pasture Genetics Pty Ltd
<a href="#"><u>Guinea grass</u></a> <a href="#"><u>(<i>Megathyrsus maximus</i>)</u></a>	G-2	GeneGro Pty Ltd
<a href="#"><u>Petchoa (<i>Petunia x Calibrachoa</i>)</u></a>	Kakegawa S91	Sakata Seed Corporation
<a href="#"><u>Moth Orchid</u></a> <a href="#"><u>(<i>Phalaenopsis hybrid</i>)</u></a>	Sogo F-1314	Feng Chiang Kuei
<a href="#"><u>Moth Orchid</u></a> <a href="#"><u>(<i>Phalaenopsis hybrid</i>)</u></a>	Sogo F-1774	Feng Chiang Kuei
<a href="#"><u>Field Pea (<i>Pisum sativum</i>)</u></a>	Maki	Plant Research (NZ) Ltd
<a href="#"><u>Apricot (<i>Prunus armeniaca</i>)</u></a>	Brittany Gold	Zaiger's Inc. Genetics
<a href="#"><u>Sweet Cherry</u></a> <a href="#"><u>(<i>Prunus avium</i>)</u></a>	Panaro One	University of Bologna

<a href="#">Sweet Cherry (<i>Prunus avium</i>)</a>	Royal Rainier	Zaiger's Inc. Genetics
<a href="#">Sweet Cherry (<i>Prunus avium</i>)</a>	Panaro Three	University of Bologna
<a href="#">Sweet Cherry (<i>Prunus avium</i>)</a>	Earlisweet	Zaiger's Inc. Genetics
<a href="#">Sweet Cherry (<i>Prunus avium</i>)</a>	Panaro Four	University of Bologna
<a href="#">Prunus - Interspecific Plum (<i>Prunus</i> <i>hybrid</i>)</a>	Plumred VI	Lowell G. Bradford
<a href="#">Rose (<i>Rosa</i> <i>hybrid</i>)</a>	Schaelic	Piet Schreurs Holding B. V.
<a href="#">Rose (<i>Rosa</i> <i>hybrid</i>)</a>	Schowinti	Piet Schreurs Holding B. V.
<a href="#">Rose (<i>Rosa</i> <i>hybrid</i>)</a>	Schiallo	Piet Schreurs Holding B. V.
<a href="#">Rose (<i>Rosa</i> <i>hybrid</i>)</a>	Schunukka	Piet Schreurs Holding B. V.
<a href="#">Thick-leaved Fan Flower (<i>Scaevola</i> <i>crassifolia</i>)</a>	Flat Fred	George A Lullfitz
<a href="#">Potato (<i>Solanum</i> <i>tuberosum</i>)</a>	EUROPRIMA	EUROPLANT Pflanzenzucht GmbH
<a href="#">Potato (<i>Solanum</i> <i>tuberosum</i>)</a>	Margit	Solana Agrar-Produkte GMBH & Co KG
<a href="#">Potato (<i>Solanum</i> <i>tuberosum</i>)</a>	Red Lady	Solana Agrar-Produkte GMBH & Co KG
<a href="#">Potato (<i>Solanum</i> <i>tuberosum</i>)</a>	Horizon	Higgins Agriculture
<a href="#">Potato (<i>Solanum</i> <i>tuberosum</i>)</a>	Mette	Lasndbrugets Kartoffelfond
<a href="#">Potato (<i>Solanum</i> <i>tuberosum</i>)</a>	Musica	C Meijer BV

<a href="#"><u>Potato (<i>Solanum tuberosum</i>)</u></a>	Orchestra	C Meijer BV
<a href="#"><u>Potato (<i>Solanum tuberosum</i>)</u></a>	Senna	Lasndbrugets Kartoffelfond
<a href="#"><u>Potato (<i>Solanum tuberosum</i>)</u></a>	Polaris	Lasndbrugets Kartoffelfond
<a href="#"><u>Potato (<i>Solanum tuberosum</i>)</u></a>	Smiley	Higgins Agriculture
<a href="#"><u>Potato (<i>Solanum tuberosum</i>)</u></a>	BUY 1	Lasndbrugets Kartoffelfond
<a href="#"><u>Potato (<i>Solanum tuberosum</i>)</u></a>	VERDI	SaKA Planzenzucht GbR
<a href="#"><u>Sand Couch (<i>Sporobolus virginicus</i>)</u></a>	QLD-Coast	The State of Queensland through its Department of Employment, Economic Development and Innovation (DEED)
<a href="#"><u>Grape (<i>Vitis vinifera</i>)</u></a>	Sugranineteen	Sun World International, LLC

## Plant Varieties Journal - Search Result Details

**Annual Ryegrass (*Lolium multiflorum* var. *westerwoldicum*)****Variety:** 'Arnie'**Synonym:** N/A**Application no:** 2009/067**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Apr-2009**Accepted:** 08-Jul-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Barenbrug Holland B.V.**Agent:** Heritage Seeds Pty Ltd**Telephone:** 0260265288**Fax:** 0260255268

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

## Plant Varieties Journal - Search Result Details

**Apple (*Malus domestica*)****Variety:** 'Scilate'**Synonym:** N/A**Application no:** 2007/061**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 28-Feb-2007**Accepted:** 13-Mar-2007**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** The New Zealand Institute for Plant and Food Research Limited**Agent:** AJ Park**Telephone:** 0262435151**Fax:** 0262435153

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



## Plant Varieties Journal - Search Result Details

**Apple (*Malus domestica*)****Variety:** 'ST 808.15'**Synonym:** N/A**Application no:** 2006/256**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 04-Sep-2006**Accepted:** 11-Sep-2006**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Western Australian Agriculture Authority**Agent:** N/A**Telephone:** 0893683347**Fax:** 0893683814

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





## Plant Varieties Journal - Search Result Details

**Apricot (*Prunus armeniaca*)****Variety:** 'Brittany Gold'**Synonym:** N/A**Application  
no:** 2006/315**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 14-Dec-2006**Accepted:** 27-Feb-2007**Granted:** N/A**Description  
published  
in Plant  
Varieties  
Journal:** Volume 23, Issue 2**Title Holder:** Zaiger's Inc. Genetics**Agent:** Graham's Factree Pty Ltd**Telephone:** 0399991999**Fax:** 0359674645

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



## Plant Varieties Journal - Search Result Details

**Barley (*Hordeum vulgare*)****Variety:** 'Macquarie'**Synonym:** N/A**Application no:** 2008/322**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Oct-2008**Accepted:** 15-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Varieties Journal:****Title Holder:** University of Tasmania, Grains Research and Development Corporation**Agent:** N/A**Telephone:** 0363365204**Fax:** 0363365395

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



## Plant Varieties Journal - Search Result Details

**Barley (*Hordeum vulgare*)****Variety:** 'Macumba'**Synonym:** N/A**Application no:** 2009/057**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-Apr-2009**Accepted:** 26-May-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation**Agent:** N/A**Telephone:** 0883033480**Fax:** 0883034355

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



## Plant Varieties Journal - Search Result Details

**Barley (*Hordeum vulgare*)****Variety:** 'Finniss'**Synonym:** N/A**Application no:** 2009/058**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-Apr-2009**Accepted:** 25-May-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Varieties Journal:****Title Holder:** Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation**Agent:** N/A**Telephone:** 0883033480**Fax:** 0883034355

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



## Plant Varieties Journal - Search Result Details

**Birdsfoot Trefoil (*Lotus corniculatus*)****Variety:** 'LC07AS'**Synonym:** N/A**Application no:** 2009/347**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Dec-2009**Accepted:** 15-Jan-2010**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 23, Issue 2

**Title Holder:** Department of Industry and Investment for and on behalf of the State of New South Wales, Australian Wool Innovation Limited, Future Farm Industries CRC Ltd, Rural Industries Research and Development Corporation

**Agent:** N/A**Telephone:** 0263913540**Fax:** 0263913563

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



## Plant Varieties Journal - Search Result Details

**Birdsfoot Trefoil (*Lotus corniculatus*)****Variety:** 'LC07AT'**Synonym:** N/A**Application no:** 2009/348**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Dec-2009**Accepted:** 15-Jan-2010**Granted:** N/A**Description published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited**Agent:** N/A**Telephone:** 0263913540**Fax:** 0263913563

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



## Plant Varieties Journal - Search Result Details

**Birdsfoot Trefoil (*Lotus corniculatus*)****Variety:** 'LC07AUYP'**Synonym:** N/A**Application no:** 2009/349**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Dec-2009**Accepted:** 15-Jan-2010**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 23, Issue 2

**Title Holder:** Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Instituto Nacional de Investigacion Agropecuaria

**Agent:** N/A**Telephone:** 0263913540**Fax:** 0263913563

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





## Plant Varieties Journal - Search Result Details

**Birdsfoot Trefoil (*Lotus corniculatus*)****Variety:** 'LC07AUF'**Synonym:** N/A**Application no:** 2009/350**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Dec-2009**Accepted:** 15-Jan-2010**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 23, Issue 2

**Title Holder:** Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Instituto Nacional de Investigacion Agropecuaria

**Agent:** N/A**Telephone:** 0263913540**Fax:** 0263913563

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



## Plant Varieties Journal - Search Result Details

**Busy Lizzie (*Impatiens walleriana*)****Variety:** 'Balolespri'**Synonym:** N/A**Application  
no:** 2008/191**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 26-Jun-2008**Accepted:** 06-Mar-2009**Granted:** N/A**Description  
published  
in Plant  
Varieties  
Journal:** Volume 23, Issue 2**Title Holder:** Ball Horticultural Company**Agent:** Ball Australia Pty. Ltd.**Telephone:** 039785355**Fax:** 0397983733

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



Balokcsári



## Plant Varieties Journal - Search Result Details

**Coral Vine (*Kennedia coccinea*)****Variety:** 'KencoralGL'**Synonym:** N/A**Application no:** 2006/049**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Mar-2006**Accepted:** 22-Sep-2006**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

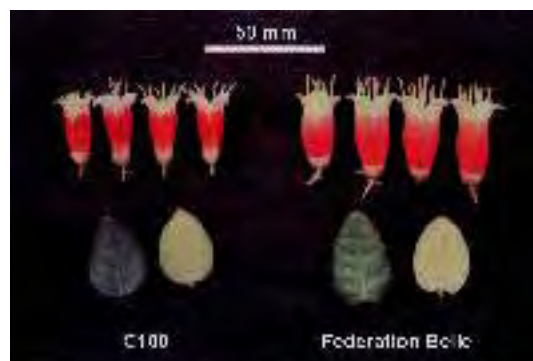
[View the detailed description of this variety.](#)



## Plant Varieties Journal - Search Result Details

**Correa (*Correa sp*)****Variety:** 'C100'**Synonym:** N/A**Application no:** 2009/174**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jul-2009**Accepted:** 13-Aug-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Peter James Ollerenshaw**Agent:** N/A**Telephone:** 0262369280**Fax:** 0262369429

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



## Plant Varieties Journal - Search Result Details

**Correa (*Correa sp*)****Variety:** 'Isabell'**Synonym:** N/A**Application no:** 2009/177**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jul-2009**Accepted:** 13-Aug-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Peter James Ollerenshaw**Agent:** N/A**Telephone:** 0262369280**Fax:** 0262369429

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



## Plant Varieties Journal - Search Result Details

**Correa (*Correa sp*)****Variety:** 'Catie Bec'**Synonym:** N/A**Application  
no:** 2009/176**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 23-Jul-2009**Accepted:** 13-Aug-2009**Granted:** N/A**Description  
published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** Peter James Ollerenshaw**Agent:** N/A**Telephone:** 0262369280**Fax:** 0262369429

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



## Plant Varieties Journal - Search Result Details

**Correa (*Correa sp*)****Variety:** 'Jezabell'**Synonym:** N/A**Application no:** 2009/175**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jul-2009**Accepted:** 13-Aug-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Peter James Ollerenshaw**Agent:** N/A**Telephone:** 0262369280**Fax:** 0262369429

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





## Plant Varieties Journal - Search Result Details

**Couchgrass (*Cynodon dactylon*)****Variety:** 'Gullygold'**Synonym:** N/A**Application no:** 2009/283**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Oct-2009**Accepted:** 02-Feb-2010**Granted:** N/A**Description****published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** Thomas G. Parker**Agent:** Dad & Dave's Turf**Telephone:** 0245730800**Fax:** 0245723933

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



## Plant Varieties Journal - Search Result Details

**Field Pea (*Pisum sativum*)****Variety:** 'Maki'**Synonym:** N/A**Application no:** 2010/035**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Feb-2010**Accepted:** 12-Apr-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Plant Research (NZ) Ltd**Agent:** The University of Sydney**Telephone:** 0267992203**Fax:** 0267992239

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



## Plant Varieties Journal - Search Result Details

**Grape (*Vitis vinifera*)****Variety:** 'Sugranineteen'**Synonym:** N/A**Application  
no:** 2004/320**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 26-Nov-2004**Accepted:** 21-Dec-2004**Granted:** N/A**Description****published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** Sun World International, LLC**Agent:** Sun World Australasia**Telephone:** 0263360655**Fax:** 0263361633

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



## Plant Varieties Journal - Search Result Details

**Grevillea (*Grevillea alpina* x *rosmarinifolia*)****Variety:** 'Fire Cracker'**Synonym:** N/A**Application no:** 2008/261**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Sep-2008**Accepted:** 08-Oct-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Varieties Journal:****Title Holder:** Michael Wood**Agent:** Plants Management Australia Pty Ltd**Telephone:** 0362692123**Fax:** 0362692612

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



## Plant Varieties Journal - Search Result Details

**Grevillea (*Grevillea formosa* x *Grevillea banksii*)****Variety:** 'Ninderry-Sunrise'**Synonym:** N/A**Application  
no:** 2009/038**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 10-Mar-2009**Accepted:** 08-Jul-2009**Granted:** N/A**Description  
published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** Waragrow Holdings Pty Ltd T/as Fairhill Native  
Plants & Botanic Gardens**Agent:** N/A**Telephone:** 0754467088**Fax:** 0754468131

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



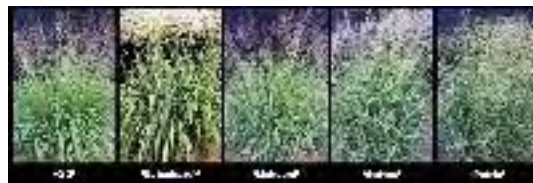
## Plant Varieties Journal - Search Result Details

**Guinea grass (*Megathyrsus maximus*)****Variety:** 'G-2'**Synonym:** N/A**Application no:** 2009/009**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Jan-2009**Accepted:** 03-Feb-2009**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 23, Issue 2

**Title Holder:** GeneGro Pty Ltd**Agent:** N/A**Telephone:** 0738245440**Fax:** 0738245445

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



## Plant Varieties Journal - Search Result Details

**Hairpin Banksia (*Banksia spinulosa* var. *collina*)****Variety:** 'Goldenlighthouse'**Synonym:** N/A**Application no:** 2005/225**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Jun-2005**Accepted:** 20-Dec-2005**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Judith Ann Geary**Agent:** N/A**Telephone:** 0264926628**Fax:** 0264926628

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



## Plant Varieties Journal - Search Result Details

**Lucerne (*Medicago sativa*)****Variety:** 'ML 99'**Synonym:** N/A**Application no:** 2000/273**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Aug-2000**Accepted:** 31-Aug-2000**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Pasture Genetics Pty Ltd**Agent:** N/A**Telephone:** 0884451111**Fax:** 0884457777

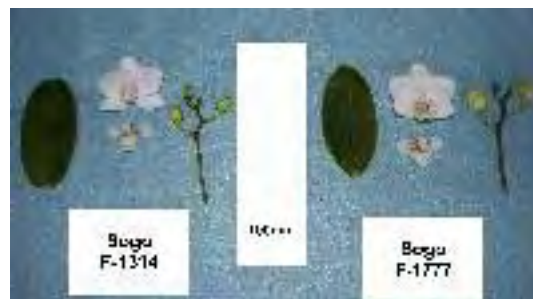
[View the detailed description of this variety.](#)



## Plant Varieties Journal - Search Result Details

**Moth Orchid (*Phalaenopsis hybrid*)****Variety:** 'Sogo F-1314'**Synonym:** N/A**Application no:** 2009/355**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Dec-2009**Accepted:** 25-Jun-2010**Granted:** N/A**Description****published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** Feng Chiang Kuei**Agent:** Flora International Pty Ltd**Telephone:** 029606222**Fax:** 0296066841

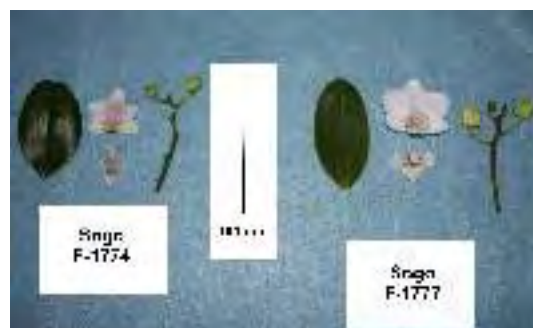
[View the detailed description of this variety.](#)



## Plant Varieties Journal - Search Result Details

**Moth Orchid (*Phalaenopsis hybrid*)****Variety:** 'Sogo F-1774'**Synonym:** N/A**Application no:** 2009/354**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Dec-2009**Accepted:** 25-Jun-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Feng Chiang Kuei**Agent:** Flora International Pty Ltd**Telephone:** 029606222**Fax:** 0296066841

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



## Plant Varieties Journal - Search Result Details

**Perennial Ryegrass (*Lolium perenne*)****Variety:** 'One50'**Synonym:** N/A**Application no:** 2007/050**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Feb-2007**Accepted:** 06-Mar-2007**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** PGG Wrightson Seeds Ltd**Agent:** Wrightson Seeds (Australia) Pty Ltd**Telephone:** 0393943400**Fax:** 0393943432

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

## Plant Varieties Journal - Search Result Details

**Peruvian Lily (*Alstroemeria hybrid*)****Variety:** 'Konamul'**Synonym:** N/A**Application no:** 2008/032**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Feb-2008**Accepted:** 28-Mar-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Konst Breeding B.V.**Agent:** Ball Australia- postal address for service of notice on the applicant Konst Breeding B.V.**Telephone:** 0397985355**Fax:** 0397983733

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



## Plant Varieties Journal - Search Result Details

**Peruvian Lily (*Alstroemeria hybrid*)****Variety:** 'Konevotio'**Synonym:** N/A**Application no:** 2007/337**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Dec-2007**Accepted:** 30-Jan-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Konst Breeding B.V.**Agent:** Ball Australia- postal address for service of notice on the applicant Konst Breeding B.V.**Telephone:** 0397985355**Fax:** 0397983733

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



## Plant Varieties Journal - Search Result Details

**Peruvian Lily (*Alstroemeria hybrid*)****Variety:** 'Konratus'**Synonym:** N/A**Application no:** 2008/033**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Feb-2008**Accepted:** 28-Mar-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Konst Breeding B.V.**Agent:** Ball Australia- postal address for service of notice on the applicant Konst Breeding B.V.**Telephone:** 0397985355**Fax:** 0397983733

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



## Plant Varieties Journal - Search Result Details

**Peruvian Lily (*Alstroemeria hybrid*)****Variety:** 'Konpulse'**Synonym:** N/A**Application no:** 2007/336**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Dec-2007**Accepted:** 30-Jan-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Konst Breeding B.V.**Agent:** Ball Australia- postal address for service of notice on the applicant Konst Breeding B.V.**Telephone:** 0397985355**Fax:** 0397983733

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



## Plant Varieties Journal - Search Result Details

**Peruvian Lily (*Alstroemeria hybrid*)****Variety:** 'Konanel'**Synonym:** N/A**Application no:** 2009/029**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Mar-2009**Accepted:** 27-May-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Konst Breeding B.V.**Agent:** Ball Australia**Telephone:** 0397985355**Fax:** 0397983733

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





## Plant Varieties Journal - Search Result Details

**Petchoa (*Petunia x Calibrachoa*)****Variety:** 'Kakegawa S91'**Synonym:** N/A**Application no:** 2009/316**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Nov-2009**Accepted:** 16-Apr-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Sakata Seed Corporation**Agent:** Sakata Seed Oceania**Telephone:** N/A**Fax:** 0356261127

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'EUROPRIMA'**Synonym:** N/A**Application no:** 2008/365**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Dec-2008**Accepted:** 17-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** EUROPLANT Pflanzenzucht GmbH**Agent:** Agtec Agriculture Pty Ltd**Telephone:** 0269674152**Fax:** 0269674135

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Margit'**Synonym:** N/A**Application no:** 2009/264**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Sep-2009**Accepted:** 16-Apr-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Varieties Journal:****Title Holder:** Solana Agrar-Produkte GMBH & Co KG**Agent:** Western Potatoes Ltd**Telephone:** 0892846266**Fax:** 0892846566

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Red Lady'**Synonym:** N/A**Application no:** 2009/263**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Sep-2009**Accepted:** 16-Apr-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Solana Agrar-Produkte GMBH & Co KG**Agent:** Western Potatoes Ltd**Telephone:** 0892846266**Fax:** 0892846566

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Horizon'**Synonym:** N/A**Application no:** 2007/292**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-Oct-2007**Accepted:** 25-Mar-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Higgins Agriculture**Agent:** Western Potatoes Limited**Telephone:** 0892846266**Fax:** 0892846566

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Mette'**Synonym:** N/A**Application no:** 2009/218**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Aug-2009**Accepted:** 08-Oct-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Varieties Journal:****Title Holder:** Lasndbrugets Kartoffelfond**Agent:** Agtec Agriculture Pty Ltd**Telephone:** 0269674152**Fax:** 0269674135

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Musica'**Synonym:** N/A**Application no:** 2009/212**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Aug-2009**Accepted:** 12-Oct-2009**Granted:** N/A**Description****published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** C Meijer BV**Agent:** Agtec Agriculture Pty Ltd**Telephone:** 0269674152**Fax:** 0269674135

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Orchestra'**Synonym:** N/A**Application no:** 2009/213**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Aug-2009**Accepted:** 12-Oct-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** C Meijer BV**Agent:** Agtec Agriculture Pty Ltd**Telephone:** 0269674152**Fax:** 0269674135

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





## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Senna'**Synonym:** N/A**Application no:** 2009/214**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Aug-2009**Accepted:** 29-Oct-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Varieties Journal:****Title Holder:** Lasndbrugets Kartoffelfond**Agent:** Agtec Agriculture Pty Ltd**Telephone:** 0269674152**Fax:** 0269674135

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Polaris'**Synonym:** N/A**Application no:** 2009/216**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Aug-2009**Accepted:** 29-Oct-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Lasndbrugets Kartoffelfond**Agent:** Agtec Agriculture Pty Ltd**Telephone:** 0269674152**Fax:** 0269674135

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'Smiley'**Synonym:** N/A**Application no:** 2008/079**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Mar-2008**Accepted:** 13-Aug-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Varieties Journal:****Title Holder:** Higgins Agriculture**Agent:** Western Potatoes Limited**Telephone:** 0892846266**Fax:** 0892846566

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'BUY 1'**Synonym:** N/A**Application no:** 2009/215**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Aug-2009**Accepted:** 29-Oct-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Lasndbrugets Kartoffelfond**Agent:** Agtec Agriculture Pty Ltd**Telephone:** 0269674152**Fax:** 0269674135

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



## Plant Varieties Journal - Search Result Details

**Potato (*Solanum tuberosum*)****Variety:** 'VERDI'**Synonym:** N/A**Application no:** 2008/090**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Mar-2008**Accepted:** 20-Jun-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** SaKA Planzenzucht GbR**Agent:** Western Potatoes Limited**Telephone:** 0892846266**Fax:** 0892846566

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



## Plant Varieties Journal - Search Result Details

**Prunus - Interspecific Plum (*Prunus hybrid*)****Variety:** 'Plumred VI'**Synonym:** Red Red VI**Application  
no:** 2009/226**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 03-Sep-2009**Accepted:** 11-Nov-2009**Granted:** N/A**Description  
published  
in Plant  
Varieties  
Journal:** Volume 23, Issue 2**Title Holder:** Lowell G. Bradford**Agent:** Buchanan's Nursery**Telephone:** 0746152182**Fax:** 0746152183

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



Plumred VI

## Plant Varieties Journal - Search Result Details

**Rhodes Grass (*Chloris gayana*)****Variety:** 'KP8'**Synonym:** N/A**Application no:** 2010/070**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Apr-2010**Accepted:** 03-May-2010**Granted:** N/A**Description****published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** Blue Ribbon Seed and Pulse Exporters Pty Ltd,  
Australian Premium Seeds Holdings Pty Ltd**Agent:** N/A**Telephone:** 0737201900**Fax:** 0737201911

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





## Plant Varieties Journal - Search Result Details

**Rhodes Grass (*Chloris gayana*)****Variety:** 'KG2'**Synonym:** N/A**Application no:** 2010/071**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Apr-2010**Accepted:** 03-May-2010**Granted:** N/A**Description****published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** Blue Ribbon Seed and Pulse Exporters Pty Ltd,  
Australian Premium Seeds Holdings Pty Ltd**Agent:** N/A**Telephone:** 0737201900**Fax:** 0737201911

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



## Plant Varieties Journal - Search Result Details

**Rose (*Rosa hybrid*)**

**Variety:** 'Schaelic'  
**Synonym:** St. Patrick!

**Application no:** 2008/226

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 30-Jul-2008

**Accepted:** 02-Oct-2008

**Granted:** N/A

**Description published**

**in Plant Varieties Journal:** Volume 23, Issue 2

**Title Holder:** Piet Schreurs Holding B.V.

**Agent:** Schreurs Australia (Pty) Ltd

**Telephone:** 0296066222

**Fax:** 0296066841

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



## Plant Varieties Journal - Search Result Details

**Rose (*Rosa hybrid*)****Variety:** 'Schowinti'**Synonym:** Voodoo!**Application no:** 2008/225**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Jul-2008**Accepted:** 02-Oct-2008**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Piet Schreurs Holding B.V.**Agent:** Schreurs Australia (Pty) Ltd**Telephone:** 0296066222**Fax:** 0296066841

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



## Plant Varieties Journal - Search Result Details

**Rose (*Rosa hybrid*)****Variety:** 'Schiallo'**Synonym:** Leonessa!**Application no:** 2008/230**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Jul-2008**Accepted:** 02-Oct-2008**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Piet Schreurs Holding B.V.**Agent:** Schreurs Australia (Pty) Ltd**Telephone:** 0296066222**Fax:** 0296066841

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## Plant Varieties Journal - Search Result Details

**Rose (*Rosa hybrid*)****Variety:** 'Schunukka'**Synonym:** Anouk!**Application  
no:** 2008/231**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 30-Jul-2008**Accepted:** 02-Oct-2008**Granted:** N/A**Description  
published****in Plant** Volume 23, Issue 2**Varieties****Journal:****Title Holder:** Piet Schreurs Holding B.V.**Agent:** Schreurs Australia (Pty) Ltd**Telephone:** 0296066222**Fax:** 0296066841

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



## Plant Varieties Journal - Search Result Details

**Ryegrass (*Lolium hybridum*)****Variety:** 'BQT II'**Synonym:** N/A**Application  
no:** 2007/041**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 29-Jan-2007**Accepted:** 16-Feb-2007**Granted:** N/A**Description  
published  
in Plant  
Varieties  
Journal:** Volume 23, Issue 2**Title Holder:** PGG Wrightson Seeds Ltd**Agent:** Wrightson Seeds (Australia) Pty Ltd**Telephone:** 0393943400**Fax:** 0393943432

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

## Plant Varieties Journal - Search Result Details

**Sand Couch (*Sporobolus virginicus*)****Variety:** 'QLD-Coast'**Synonym:** N/A**Application no:** 2010/038**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-Feb-2010**Accepted:** 19-Apr-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** The State of Queensland through its Department of Employment, Economic Development and Innovation (DEED)**Agent:** N/A**Telephone:** 0738969401**Fax:** 0738969628

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



## Plant Varieties Journal - Search Result Details

**Southern Magnolia (*Magnolia grandiflora*)****Variety:** 'Southern Charm'**Synonym:** Teddy Bear**Application no:** 2007/162**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 19-Jun-2007**Accepted:** 23-Jul-2007**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Head Ornamentals Inc.**Agent:** Coolwyn Nurseries Pty Ltd**Telephone:** 0397566668**Fax:** 0397520266

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





## Plant Varieties Journal - Search Result Details

**Sweet Cherry (*Prunus avium*)****Variety:** 'Panaro One'**Synonym:** N/A**Application no:** 2002/261**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Sep-2002**Accepted:** 15-Apr-2003**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** University of Bologna**Agent:** Graham's Factree Pty Ltd**Telephone:** 0399991999**Fax:** 0359674645

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



## Plant Varieties Journal - Search Result Details

**Sweet Cherry (*Prunus avium*)****Variety:** 'Royal Rainier'**Synonym:** N/A**Application no:** 2002/153**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Jun-2002**Accepted:** 16-Apr-2003**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Zaiger's Inc. Genetics**Agent:** Graham's Factree Pty Ltd**Telephone:** 0399991999**Fax:** 0359674645

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



**ROYAL RAINIER**

## Plant Varieties Journal - Search Result Details

**Sweet Cherry (*Prunus avium*)****Variety:** 'Panaro Three'**Synonym:** N/A**Application no:** 2002/262**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Sep-2002**Accepted:** 15-Apr-2003**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Journal:****Title Holder:** University of Bologna**Agent:** Graham's Factree Pty Ltd**Telephone:** 0399991999**Fax:** 0359674645

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



## Plant Varieties Journal - Search Result Details

**Sweet Cherry (*Prunus avium*)****Variety:** 'Earlisweet'**Synonym:** N/A**Application no:** 2002/158**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Jun-2002**Accepted:** 16-Apr-2003**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** Zaiger's Inc. Genetics**Agent:** Graham's Factree Pty Ltd**Telephone:** 0399991999**Fax:** 0359674645

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



## Plant Varieties Journal - Search Result Details

**Sweet Cherry (*Prunus avium*)****Variety:** 'Panaro Four'**Synonym:** N/A**Application no:** 2002/264**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Sep-2002**Accepted:** 15-Apr-2003**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** University of Bologna**Agent:** Graham's Factree Pty Ltd**Telephone:** 0399991999**Fax:** 0359674645

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## Plant Varieties Journal - Search Result Details

**Tall Fescue (*Festuca arundinacea*)****Variety:** 'Resolute II'**Synonym:** N/A**Application  
no:** 2006/219**Current  
status:** ACCEPTED**Certificate  
no:** N/A**Received:** 08-Aug-2006**Accepted:** 11-Sep-2006**Granted:** N/A**Description  
published  
in Plant  
Varieties  
Journal:** Volume 23, Issue 2**Title Holder:** PGG Wrightson Seeds Ltd**Agent:** Wrightson Seeds (Australia) Pty Ltd**Telephone:** 0393943400**Fax:** 0393943432

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

## Plant Varieties Journal - Search Result Details

**Thick-leaved Fan Flower (*Scaevola crassifolia*)****Variety:** 'Flat Fred'**Synonym:** N/A**Application no:** 2005/158**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-May-2005**Accepted:** 13-Jul-2005**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 2**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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



**Details of Application**

<b>Application Number</b>	2009/067
<b>Variety Name</b>	'Arnie'
<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>	08 Jul 2009
<b>Applicant</b>	Barenbrug Holland B.V., The Netherlands
<b>Agent</b>	Heritage Seeds Pty Ltd, Howlong, NSW.
<b>Qualified Person</b>	Philip Rhodes

**Details of Comparative Trial**

<b>Location</b>	Christchurch, New Zealand
<b>Descriptor</b>	Ryegrass (new) ( <i>Lolium</i> spp.) TG/4/8
<b>Period</b>	Mar 2009 – Dec 2009
<b>Conditions</b>	Seedlings were raised in multi-celled trays 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 and overhead irrigation was applied as required.
<b>Trial Design</b>	Trial design was a randomised complete block, 6 replicates of 12 plants giving 72 plants per variety.
<b>Measurements</b>	Observations and measurements were taken in the field at the appropriate growth stage. Measurements from 60 plants per variety.

**Origin and Breeding**

Controlled pollination : Baroldi x Barcomet'. Selection of crosses from parent plants for spring growth after autumn planting. Plants selected were harvested in open pollination. Syn 1 produced from seeds of selected plants and sown in glasshouse to test for rust resistance. Resistant plants produced in isolation fields of ryecorn. Testing of the variety was carried out over three years in multilocal trials sown in autumn and spring. The variety is maintained through four generations of controlled pollination. Breeder: Dominique Noel, Barenburg Tourneur Recherches.

**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	length of upper internode	short to very short
Flag leaf	length	medium to long
Leaf	intensity of green colour	Medium
Plant	time of inflorescence emergence	medium to late

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

<b>Name</b>	<b>Comments</b>
'Missile'	
'Pronto'	
'Sultan'	

**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>‘Arnie’</b>	<b>‘Missile’</b>	<b>‘Pronto’</b>	<b>‘Sultan’</b>
<input type="checkbox"/> *Plant: ploidy	diploid	diploid	diploid	diploid
<input checked="" type="checkbox"/> Leaf: length	long	long	long	medium
<input type="checkbox"/> Leaf: width	medium to broad	medium	medium to broad	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium
<input checked="" type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	erect to semi-erect	medium	erect to semi-erect	semi-erect
<input checked="" type="checkbox"/> Plant: height	tall	medium	tall to very tall	tall
<input type="checkbox"/> *Plant: time of inflorescence emergence (after vernalisation)	late	medium	medium to late	medium to late
<input type="checkbox"/> Plant: natural height at inflorescence emergence	tall	medium	tall to very tall	tall
<input checked="" type="checkbox"/> Plant: width at inflorescence emergence	narrow to medium	medium to wide	medium	medium
<input type="checkbox"/> *Flag leaf: length	medium	medium	medium	medium to long
<input checked="" type="checkbox"/> *Flag leaf: width	narrow	narrow	broad	medium to broad
<input type="checkbox"/> Flag leaf: length/width ratio	medium to high	medium to high	medium to high	medium to high
<input type="checkbox"/> *Plant: length of longest stem, inflorescence included	long	long	long	long
<input type="checkbox"/> Plant: length of upper internode	short	very short to short	short	short
<input checked="" type="checkbox"/> Inflorescence: length	short	medium	medium	medium
<input checked="" type="checkbox"/> Inflorescence: number of spikelets	many	medium	many	many
<input checked="" type="checkbox"/> Inflorescence: density	dense to very dense	medium to dense	dense	dense
<input type="checkbox"/> Inflorescence: length of outer glume on basal spikelet	short	medium	medium	short to medium
<input type="checkbox"/> Inflorescence: length of basal spikelet excluding awn	short	medium	medium	short

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Arnie’</b>	<b>‘Missile’</b>	<b>‘Pronto’</b>	<b>‘Sultan’</b>
<input type="checkbox"/> Plant: time of inflorescence emergence (days)				
Mean	77.30	65.70	69.40	72.40
Std. Deviation	7.60	5.47	7.10	6.54
LSD/sig	2.93	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: natural height at inflorescence emergence (cm)				
Mean	86.50	71.50	94.00	83.00
Std. Deviation	15.80	7.44	13.64	15.12

LSD/sig	7.20	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Flag leaf: length (mm)				
Mean	200.00	201.00	225.00	243.00
Std. Deviation	43.61	46.00	51.67	47.94
LSD/sig	36.6	ns	ns	P≤0.01
<input type="checkbox"/> Flag leaf: width (mm)				
Mean	7.24	7.01	9.19	8.78
Std. Deviation	1.50	1.30	1.70	1.39
LSD/sig	1.24	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: length/width ratio				
Mean	29.20	29.70	24.80	28.30
Std. Deviation	8.53	6.85	4.78	5.70
LSD/sig	5.85	ns	ns	ns
<input type="checkbox"/> Plant: length of longest stem, inflorescence included (cm)				
Mean	111.00	102.60	118.70	107.90
Std. Deviation	15.66	14.84	14.21	18.06
LSD/sig	9.50	ns	ns	ns
<input type="checkbox"/> Plant: length of upper internode (cm)				
Mean	22.00	18.50	20.10	20.20
Std. Deviation	4.92	3.91	4.43	3.70
LSD/sig	2.28	ns	ns	ns
<input checked="" type="checkbox"/> Inflorescence: length (mm)				
Mean	256.00	300.00	299.00	297.00
Std. Deviation	37.04	43.60	46.09	44.55
LSD/sig	27.5	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: number of spikelets				
Mean	37.60	31.20	37.40	36.40
Std. Deviation	4.60	3.66	4.95	4.75
LSD/sig	2.58	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Inflorescence: density				
Mean	6.86	9.77	8.15	8.29
Std. Deviation	1.17	1.84	1.75	1.64
LSD/sig	0.87	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length of outer glume on basal spikelet (mm)				
Mean	6.20	8.10	8.80	7.00
Std. Deviation	1.21	1.42	1.50	1.21
LSD/sig	0.71	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Inflorescence: length of basal spikelet excluding awn (mm)				
Mean	16.20	18.70	19.70	17.20
Std. Deviation	3.07	2.59	2.72	3.03
LSD/sig	1.44	P≤0.01	P≤0.01	ns

### **Prior Applications and Sales**

Nil.

Description: **Philip Rhodes**, Christchurch, New Zealand.

**Details of Application**

**Application Number** 2007/061  
**Variety Name** 'Scilate'  
**Genus Species** *Malus domestica*  
**Common Name** Apple  
**Synonym**  
**Accepted Date** 13 Mar 2007  
**Applicant** The New Zealand Institute for Plant and Food Research Limited, Auckland, New Zealand  
**Agent** AJ Park, Canberra, ACT  
**Qualified Person** Michael Malone

**Details of Comparative Trial**

**Overseas Testing** NZPVRO  
**Authority**  
**Overseas Data** APP170/Grant No.2924  
**Reference Number**  
**Location** Cultivar Centre, Plant & Food Research, Havelock North, New Zealand  
**Descriptor** TG/14/8  
**Period** 2009-2010  
**Conditions**  
**Trial Design** This description was completed with data supplied to New Zealand PVRO for the 'Scilate' Objective Description.

**Measurements****RHS Chart - edition****Origin and Breeding**

Controlled pollination: 'Royal Gala' x 'Braeburn' in 1985 in a planned breeding programme at the HortResearch orchard Havelock North, New Zealand. The seed parent 'Royal Gala' is characterised by red striped, globose conical fruit maturing in the early season. The pollen parent 'Braeburn' is characterised by orange-red striped, flat globose fruit maturing in the late season. One seedling was selected for fruit texture in 1990, propagated onto clonal rootstock and planted at the HortResearch orchard, Havelock North, New Zealand for further evaluation. Selection criteria: eating quality and storage. Breeder: Allan White, HortResearch, Havelock North, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	pattern of over-colour	stripes

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

Name	Comments
'Scifresh'	

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
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'Royal Gala'	Time of maturity	very late	early	seed parent.
'Braeburn'	Time of maturity	very late	late	pollen parent.
'Cripps Pink'	Fruit Colour	red flush with red stripes	Pink blush over a green background 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>'Scilate'</b>	<b>'Scifresh'</b>
<input type="checkbox"/> Tree: vigour	medium to strong	
<input type="checkbox"/> *Tree: type	ramified	
<input type="checkbox"/> *Tree: habit (varieties with ramified tree type only)	spreading	
<input type="checkbox"/> Tree: type of bearing	on spurs only	
<input type="checkbox"/> One-year-old shoot: thickness	medium to thick	
<input type="checkbox"/> *One-year-old shoot: length of internode	medium	
<input type="checkbox"/> One-year-old shoot: colour on sunny side	reddish brown	
<input type="checkbox"/> One-year-old shoot: pubescence	strong	
<input type="checkbox"/> *One-year-old shoot: number of lenticels	medium to many	
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	downwards	
<input type="checkbox"/> *Leaf blade: length	short to medium	
<input type="checkbox"/> *Leaf blade: width	medium	
<input type="checkbox"/> *Leaf blade: ratio length/width	medium to large	
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	
<input type="checkbox"/> Leaf blade: incisions of margin	bicrenate	
<input type="checkbox"/> Leaf blade: pubescence on lower side	medium	
<input type="checkbox"/> *Petiole: length	medium to long	
<input type="checkbox"/> Petiole: extent of anthocyanin colouration from base	large	
<input type="checkbox"/> *Flower: predominant colour at balloon stage	dark pink	
<input type="checkbox"/> *Flower: diameter with petals pressed into horizontal position	medium	
<input type="checkbox"/> *Flower: arrangement of petals	intermediate	
<input type="checkbox"/> Flower: position of stigmas relative to anthers	same level	
<input type="checkbox"/> Young fruit: extent of anthocyanin overcolour	large to very large	
<input checked="" type="checkbox"/> *Fruit: size	large to very large	small to medium
<input type="checkbox"/> *Fruit: height	tall to very tall	
<input type="checkbox"/> *Fruit: diameter	large to very large	
<input type="checkbox"/> *Fruit: ratio height/diameter	medium	

<input checked="" type="checkbox"/>	*Fruit: general shape	conic	globose
<input type="checkbox"/>	Fruit: ribbing	absent or weak	
<input type="checkbox"/>	Fruit: crowning at calyx end	moderate	
<input type="checkbox"/>	*Fruit: size of eye	small to medium	
<input type="checkbox"/>	Fruit: length of sepal	short	
<input type="checkbox"/>	*Fruit: bloom of skin	absent or weak	
<input type="checkbox"/>	Fruit: greasiness of skin	absent or weak	
<input type="checkbox"/>	*Fruit: ground colour	whitish green	
<input type="checkbox"/>	*Fruit: relative area of over colour	medium to large	
<input type="checkbox"/>	*Fruit: hue of over colour with bloom removed	red	
<input type="checkbox"/>	*Fruit: intensity of over colour	medium	
<input type="checkbox"/>	*Fruit: pattern of over colour	solid flush with strongly defined stripes	solid flush with strongly defined stripes
<input type="checkbox"/>	*Fruit: width of stripes	medium	
<input checked="" type="checkbox"/>	*Fruit: area of russet around stalk attachment	medium	absent or small
<input type="checkbox"/>	Fruit: area of russet on cheeks	medium	
<input type="checkbox"/>	*Fruit: area of russet around eye basin	medium	
<input type="checkbox"/>	Fruit: number of lenticels	few to medium	
<input type="checkbox"/>	Fruit: size of lenticels	medium	small
<input type="checkbox"/>	*Fruit: length of stalk	medium	
<input type="checkbox"/>	*Fruit: thickness of stalk	medium	
<input type="checkbox"/>	*Fruit: depth of stalk cavity	medium to deep	
<input type="checkbox"/>	*Fruit: width of stalk cavity	medium to broad	
<input type="checkbox"/>	*Fruit: depth of eye basin	medium	
<input type="checkbox"/>	*Fruit: width of eye basin	medium to broad	
<input type="checkbox"/>	*Fruit: firmness of flesh	very firm	
<input type="checkbox"/>	*Fruit: colour of flesh	cream	
<input type="checkbox"/>	*Fruit: aperture of locules	closed or slightly open	
<input type="checkbox"/>	*Time of: beginning of flowering	early	
<input checked="" type="checkbox"/>	Time for: harvest	very late	late
<input type="checkbox"/>	Time of: eating maturity	very late	

**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
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Switzerland	2007	Applied	‘Scilate’
New Zealand	2007	Granted	‘Scilate’
EU	2007	Applied	‘Scilate’
USA	2008	Applied	‘Scilate’

Description: **Mike Malone**, Havelock North, New Zealand

**Details of Application**

<b>Application Number</b>	2006/256
<b>Variety Name</b>	'ST 808.15'
<b>Genus Species</b>	<i>Malus domestica</i>
<b>Common Name</b>	Apple
<b>Synonym</b>	
<b>Accepted Date</b>	11 Sep 2006
<b>Applicant</b>	Western Australian Agriculture Authority, Bentley, WA
<b>Agent</b>	
<b>Qualified Person</b>	Kevin Lacey

**Details of Comparative Trial**

<b>Location</b>	Manjimup Horticultural Research Institute, Manjimup, Western Australia.
<b>Descriptor</b>	Apple (fruit varieties) (new) ( <i>Malus domestica</i> ) TG/14/9
<b>Period</b>	2006 – 2010.
<b>Conditions</b>	The trial trees were grafted onto 'MM106' apple rootstock. The trees were planted at a spacing of 5 meters x 1.79 metres, trained on a central axis system with minimal pruning and supported by a single wire. Irrigation was with inverted micro sprinklers. Commercial orchard management practices were applied to all trees.
<b>Trial Design</b>	10 trees of both the candidate and a comparator were planted in a single row on a relatively level site with uniform soil type throughout.
<b>Measurements</b>	10 trees of each variety were grown. 5 trees were selected for sampling with 10 samples taken per tree, resulting in a total of 50 measurements per variety for measured characteristics.
<b>RHS Chart - edition</b>	5th edition – 2007.

**Origin and Breeding**

Controlled pollination: 'ST 808.15' was derived by controlled cross-pollination between 'Cripps Red' (female parent) and 'Royal Gala' (male parent) carried out at the now closed Stoneville Research Station, located in the Perth Hills, Western Australia. It was actively selected from a seedling block containing progeny from the above cross. 'ST 808.15' differs from its female parent 'Cripps Red' in the over colour of the skin of fruit and its male parent 'Royal Gala' in both the over colour of the skin of fruit and its time of maturity. Breeding procedure: unopened flowers of 'Royal Gala' were collected in the field and taken to the laboratory where pollen was collected and stored. 'Cripps Red' flowers were emasculated on the tree, hand pollinated with the 'Royal Gala' pollen and protected from contamination by bagging. The resulting fruit was tagged, harvested and taken to the laboratory where the seed was removed and stratified in a cool-room. Seed was then germinated and planted in pots in a hot-house and the resulting seedlings planted in the field at Stoneville Research Station. Once fruit bearing age was reached the fruit produced by the seedlings was evaluated. 'ST 808.15' was selected through the evaluation process, grafted onto rootstocks, grown in a nursery and subsequently planted in an evaluation trial block at the Manjimup Horticultural Research Institute. After further evaluation at this site 'ST 808.15' was selected as a potential new variety. 'ST 808.15' trees were also planted on grower sites under a lease agreement for observation under

commercial orchard conditions. No off-types have been observed in the field. ‘ST 808.15’ was selected on fruit quality characteristics. The variety was bred by the State of Western Australia through its Department of Agriculture and Food.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	ramified
Fruit	general shape	globose and obloid
Fruit	pattern of over colour	only solid flush
Tree	habit	spreading
Time of	eating maturity	late to very late and very late

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

Name	Comments
‘Cripps Red’	

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

Organ/Plant Part: Context	‘ST 808.15’	‘Cripps Red’
<input type="checkbox"/> Tree: vigour	medium	medium
<input type="checkbox"/> *Tree: type	ramified	ramified
<input type="checkbox"/> *Tree: habit (varieties with ramified tree type only)	spreading	spreading
<input type="checkbox"/> Tree: type of bearing	on spurs and long shoots	on spurs and long shoots
<input type="checkbox"/> One-year-old shoot: thickness	thick	thick
<input type="checkbox"/> *One-year-old shoot: length of internode	short	short
<input type="checkbox"/> One-year-old shoot: colour on sunny side	dark brown	medium brown
<input type="checkbox"/> One-year-old shoot: pubescence	weak	weak
<input type="checkbox"/> *One-year-old shoot: number of lenticels	medium	medium
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	upwards	upwards
<input type="checkbox"/> *Leaf blade: length	short to medium	medium to long
<input type="checkbox"/> *Leaf blade: width	narrow to medium	medium
<input type="checkbox"/> *Leaf blade: ratio length/width	medium	medium to large
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	medium to dark
<input type="checkbox"/> Leaf blade: incisions of margin	serrate type 1	serrate type 1
<input type="checkbox"/> Leaf blade: pubescence on lower side	medium	medium
<input checked="" type="checkbox"/> *Petiole: length	short	medium
<input type="checkbox"/> Petiole: extent of anthocyanin colouration from base	large to very large	medium to large
<input type="checkbox"/> *Flower: predominant colour at balloon stage	dark pink	dark pink
<input type="checkbox"/> *Flower: diameter with petals pressed into horizontal	medium to large	medium

position			
<input type="checkbox"/>	*Flower: arrangement of petals	intermediate	intermediate
<input type="checkbox"/>	Flower: position of stigmas relative to anthers	above	same level
<input type="checkbox"/>	Young fruit: extent of anthocyanin overcolour	medium to large	medium to large
<input checked="" type="checkbox"/>	*Fruit: size	medium to large	small to medium
<input type="checkbox"/>	*Fruit: height	short to medium	short to medium
<input type="checkbox"/>	*Fruit: diameter	medium to large	medium
<input type="checkbox"/>	*Fruit: ratio height/diameter	small	small to medium
<input type="checkbox"/>	*Fruit: general shape	obloid	globose
<input type="checkbox"/>	Fruit: ribbing	moderate	absent or weak
<input type="checkbox"/>	Fruit: crowning at calyx end	moderate	absent or weak
<input type="checkbox"/>	*Fruit: size of eye	medium to large	medium
<input type="checkbox"/>	Fruit: length of sepal	short to medium	short to medium
<input checked="" type="checkbox"/>	*Fruit: bloom of skin	moderate	absent or weak
<input type="checkbox"/>	Fruit: greasiness of skin	moderate	moderate
<input type="checkbox"/>	*Fruit: ground colour	yellow	yellow green
<input type="checkbox"/>	*Fruit: relative area of over colour	large to very large	medium to large
<input checked="" type="checkbox"/>	*Fruit: hue of over colour - with bloom removed	purple red	red
<input type="checkbox"/>	*Fruit: intensity of over colour	very dark	medium to dark
<input type="checkbox"/>	*Fruit: pattern of over colour	only solid flush	only solid flush
<input type="checkbox"/>	*Fruit: area of russet around stalk attachment	medium	absent or small
<input type="checkbox"/>	Fruit: area of russet on cheeks	absent or small	absent or small
<input type="checkbox"/>	*Fruit: area of russet around eye basin	absent or small	absent or small
<input type="checkbox"/>	Fruit: number of lenticels	many to very many	many
<input type="checkbox"/>	Fruit: size of lenticels	small to medium	medium to large
<input type="checkbox"/>	*Fruit: length of stalk	short to medium	short to medium
<input checked="" type="checkbox"/>	*Fruit: thickness of stalk	thick	thin to medium
<input type="checkbox"/>	*Fruit: depth of stalk cavity	medium	medium to deep
<input type="checkbox"/>	*Fruit: width of stalk cavity	medium	medium
<input checked="" type="checkbox"/>	*Fruit: depth of eye basin	shallow	medium
<input type="checkbox"/>	*Fruit: width of eye basin	medium to broad	medium to broad
<input type="checkbox"/>	*Fruit: firmness of flesh	firm	firm
<input type="checkbox"/>	*Fruit: colour of flesh	cream	cream

<input type="checkbox"/> *Fruit: aperture of locules	closed or slightly open	moderately open
<input checked="" type="checkbox"/> *Time of: beginning of flowering	medium to late	early
<input type="checkbox"/> Time for: harvest	very late	very late
<input type="checkbox"/> *Time of: eating maturity	late to very late	very late

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

<b>Organ/Plant Part: Context</b>	<b>'ST 808.15'</b>	<b>'Cripps Red'</b>
<input checked="" type="checkbox"/> Fruit: over colour of skin with bloom removed (RHS chart)	purple group N77	red group 46A

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'ST 808.15'</b>	<b>'Cripps Red'</b>
<input checked="" type="checkbox"/> Fruit: depth of eye basin (mm)		
Mean	5.17	6.77
Std. Deviation	1.03	1.31
LSD/sig	0.945	P≤0.01
<input type="checkbox"/> One year old shoot: length of internode (mm)		
Mean	28.84	28.05
Std. Deviation	3.30	3.87
LSD/sig	2.814	ns
<input checked="" type="checkbox"/> Leaf: petiole length (mm)		
Mean	27.55	33.99
Std. Deviation	3.95	5.41
LSD/sig	2.458	P≤0.01
<input type="checkbox"/> Fruit: thickness of stalk (mm)		
Mean	3.17	2.00
Std. Deviation	0.63	0.31
LSD/sig	0.537	P≤0.01
<input type="checkbox"/> Fruit: length of stalk (mm)		
Mean	19.92	21.05
Std. Deviation	6.06	5.56
LSD/sig	4.161	ns
<input type="checkbox"/> One year old shoot: thickness (mm)		
Mean	6.99	6.73
Std. Deviation	1.36	0.98
LSD/sig	1.403	ns

### **Prior Applications and Sales**

Nil.

Description: **Kevin Lacey, John Sutton and Steele Jacob**, Department of Agriculture and Food, WA.

**Details of Application**

<b>Application Number</b>	2006/315
<b>Variety Name</b>	'Brittany Gold'
<b>Genus Species</b>	<i>Prunus armeniaca</i>
<b>Common Name</b>	Apricot
<b>Synonym</b>	
<b>Accepted Date</b>	27 Feb 2007
<b>Applicant</b>	Zaiger's Inc. Genetics, USA
<b>Agent</b>	Graham's Factree Pty Ltd, Hoddles Creek, VIC
<b>Qualified Person</b>	Graham Fleming

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	US Patents & Trademark Office
<b>Overseas Data Reference Number</b>	PP13,504
<b>Location</b>	
<b>Descriptor</b>	Apricot ( <i>Prunus armeniaca</i> ) TG/70/4
<b>Period</b>	
<b>Conditions</b>	Where possible the overseas data was verified under local conditions. The US plant patent data was converted into standard UPOV descriptors for Apricot.

**Trial Design****Measurements****RHS Chart - edition****Origin and Breeding**

Controlled pollination: '20ED49' x '80EG216'. The present new variety was developed by Zaiger's Inc Genetics at their experimental orchard located near Modesto, California, USA. A large number of these first generation seedlings were observed growing on their own roots. After close observation the present variety was chosen for asexual propagation and commercialisation in 1992 based on its desirable fruiting characteristics. 'Brittany Gold' is distinguished from its parents as it matures approximately 7 days later than the maternal parent and approximately 36 days later than the pollen parent. Breeder: Zaiger's Inc Genetics. Breeder: Zaiger's Inc Genetics.

**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	shape	globose or circular
Fruit	flesh colour	light orange
Flower	pollination	self fertile
Fruit	size	Medium

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

<b>Name</b>	<b>Comments</b>
'Earli Autumn'	'Earli Autumn' is a late maturing apricot and is reported to be self fertile as is 'Brittany Gold'.



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

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	Comments
'Patterson'			'Patterson' matures approximately 18 days before 'Brittany Gold'.

**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	'Brittany Gold'	'Earli Autumn'
<input type="checkbox"/> Tree: vigour	medium	medium
<input type="checkbox"/> Tree: habit	upright to spreading	upright to spreading
<input type="checkbox"/> Leaf blade: length	medium	medium
<input type="checkbox"/> Leaf blade: width	medium	medium
<input type="checkbox"/> *Petiole: predominant number of nectaries	two or three	two or three
<input type="checkbox"/> Petiole: size of nectaries	small	
<input type="checkbox"/> *Flower: diameter	large	large
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	
<input type="checkbox"/> *Fruit: size	medium	medium
<input type="checkbox"/> Fruit: shape in lateral view	circular	circular
<input type="checkbox"/> Fruit: symmetry in ventral view	slightly asymmetric	slightly asymmetric
<input type="checkbox"/> *Fruit: suture	slightly sunken	moderately sunken
<input type="checkbox"/> *Fruit: shape of apex	truncate	retuse
<input type="checkbox"/> Fruit: surface	smooth	
<input type="checkbox"/> Fruit: pubescence	present	present
<input type="checkbox"/> *Fruit: ground colour	light orange	light orange
<input type="checkbox"/> *Fruit: relative area of over colour	absent or very small	absent or very small
<input type="checkbox"/> *Fruit: colour of flesh	light orange	light orange
<input type="checkbox"/> Fruit: texture of flesh	fine to medium	
<input type="checkbox"/> Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> *Fruit: adherence of stone to flesh	absent or very weak	weak to medium
<input checked="" type="checkbox"/> *Time of: beginning of flowering	medium	late
<input checked="" type="checkbox"/> *Time of: beginning of fruit ripening	late	very late

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'Brittany Gold'	'Earli Autumn'
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<input type="checkbox"/>	Fruit: tendency to crack	absent to very low	absent to very low
<input type="checkbox"/>	Stone: size	medium	
<input type="checkbox"/>	Flower: pollination	self fertile	self fertile

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	2002	Granted	'Brittany Gold'

First sold in USA January 2003.

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

**Details of Application**

<b>Application Number</b>	2008/322
<b>Variety Name</b>	'Macquarie'
<b>Genus Species</b>	<i>Hordeum vulgare</i>
<b>Common Name</b>	Barley
<b>Synonym</b>	
<b>Accepted Date</b>	15 Dec 2008
<b>Applicant</b>	University of Tasmania, Hobart, TAS and Grains Research and Development Corporation, Barton, ACT
<b>Agent</b>	
<b>Qualified Person</b>	Stuart Smith

**Details of Comparative Trial**

<b>Location</b>	Mt Pleasant Laboratories, Launceston, TAS
<b>Descriptor</b>	Barley ( <i>Hordeum vulgare</i> ) TG/19/10
<b>Period</b>	27 Jun 2008 – 02 Feb 2009
<b>Conditions</b>	Four seeds sown per pot by hand into 15cm pots filled with potting soil with slow release fertiliser. There were three applications of soluble fertiliser and four insecticide applications for aphid control. At coleoptile to one leaf stage seedlings were reduced to 1 per pot.
<b>Trial Design</b>	Randomised complete block. 7 treatments x 10 reps x 10 plants per plot.
<b>Measurements</b>	All measured characters were conducted on each plant. Sterile spiklet attitude, grain rachilla hair type, grain husk, grain spiculation of inner lateral nerves of dorsal side of lemma, hairiness of ventral furrow, median spikelet length of glume and awn relative to grain were measured on the primary tiller head of 12 plants.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: Single cross using 'Gairdner' as the female parent and a double haploid line from 'Alexis'/'Gairdner' cross as the pollen parent in 1999. 2000 – Double haploid production in Western Australia. 2001 – sowing double haploid lines (single row) at Cressy and a line designated T1677 was selected. 2002 – Sowing T1677 in a single plot yield trial at Forthside Vegetable Research Station. 2003 – Sowing T1677 in replicated plot trials at Cressy Research Station and Forthside Vegetable Research Station. 2004 – Sowing T1677 in replicated plot trials at Cressy Research Station, Exton, Tunbridge, Campbell Town and Forthside Vegetable Research Station all in Tasmania. 2005 – Sowing T1677 in replicated plot trials at Cressy Research Station, Tunbridge, and Campbell Town. 2006 – Sowing T1677 in replicated plot trials at Cressy Research Station, Tunbridge, Exton, Whitmore and Campbell Town. 2007 – Sowing T1677 in replicated plot trials at Cressy Research Station, Tunbridge, Forthside Vegetable Research Station and Campbell Town. Larger-scale yield trials were also conducted at Cressy, Forthside and Tunbridge. This line was submitted to NVT trials in high rainfall areas in 2007.

**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
Lower leaves	hairiness of leaf sheaths	Absent
Awns	anthocyanin coloration of tips	Present
Ear	number of rows	Two
Grain	hairiness of ventral furrow	Absent
Plant	seasonal type	Spring

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

Name	Comments
'Alexis'	double haploid parent.
'Cooper'	standard variety.
'Franklin'	standard variety.
'Gairdner'	female parent.
'Vertess'	standard variety.

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

Organ/Plant Part: Context	'Macquarie'	'Alexis'	'Cooper'	'Franklin'	'Gairdner'	'Vertess'
<input checked="" type="checkbox"/> *Plant: growth habit	intermediate to semi-prostrate	intermediate	semi-prostrate	semi-erect	intermediate to semi-prostrate	semi-erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent	absent	absent	absent
<input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	present	present	present	present	present
<input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	very weak	very weak	very weak to weak	very weak	very weak	very weak
<input checked="" type="checkbox"/> *Time of: ear emergence	early	medium	early to medium	medium	early	early to medium
<input type="checkbox"/> *Awns: anthocyanin colouration of tips	present	present	present	present	present	present
<input type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	very weak to weak	very weak	very weak	very weak	very weak to weak	very weak
<input checked="" type="checkbox"/> *Ear: glaucosity	weak	medium	weak	weak	weak to medium	weak
<input checked="" type="checkbox"/> *Plant: length	short	very short	very short	short	short	very short to short
<input type="checkbox"/> *Ear: number of rows	two	two	two	two	two	two

<input checked="" type="checkbox"/>	*Ear: density	very lax	medium	lax	medium	very lax	lax to medium
<input checked="" type="checkbox"/>	Ear: length	very long	medium	short to medium	medium	long	short to medium
<input type="checkbox"/>	*Awn: length	very long	long	very long	long	long	medium to long
<input checked="" type="checkbox"/>	*Sterile spikelet: attitude	divergent	divergent	divergent	divergent	parallel to weakly divergent	divergent
<input type="checkbox"/>	Median spikelet: length of glume and its awn relative to grain	equal	equal	equal	equal	equal	equal
<input checked="" type="checkbox"/>	*Grain: rachilla hair type	long	long	short	long	short	long
<input type="checkbox"/>	*Grain: husk	present	present	present	present	present	present
<input type="checkbox"/>	Grain: spiculation of inner lateral nerves of dorsal side of lemma	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	*Grain: hairiness of ventral furrow	absent	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Grain: disposition of lodicules	clasping	clasping	frontal	frontal	clasping	clasping
<input type="checkbox"/>	*Season: type	spring type	spring type	spring type	spring type	spring type	spring type

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

<b>Organ/Plant Part: Context</b>	<b>‘Macquarie’</b>	<b>‘Alexis’</b>	<b>‘Cooper’</b>	<b>‘Franklin’</b>	<b>‘Gairdner’</b>	<b>‘Vertess’</b>
<input checked="" type="checkbox"/> Ear: length including awns	very long	medium to long	long	medium to long	long to very long	medium

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Macquarie’</b>	<b>‘Alexis’</b>	<b>‘Cooper’</b>	<b>‘Franklin’</b>	<b>‘Gairdner’</b>	<b>‘Vertess’</b>
<input checked="" type="checkbox"/> Plant: time of ear emergence (days)						
Mean	4.50	9.15	6.59	9.13	3.89	7.65
Std. Deviation	0.80	0.90	1.20	0.80	1.00	0.80
LSD/sig	1.038	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: length (cm)						
Mean	118.58	103.49	105.64	119.89	117.46	112.85
Std. Deviation	3.20	5.20	2.90	4.70	3.70	3.40
LSD/sig	4.181	P≤0.01	P≤0.01	ns	ns	P≤0.01
<input type="checkbox"/> Awn: length (mm)						
Mean	118.79	101.13	117.90	99.48	109.86	93.45

Std. Deviation	4.20	2.90	2.70	1.80	4.40	2.70
LSD/sig	3.803	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (excluding awns) (mm)						
Mean	112.01	91.16	87.83	92.10	106.55	87.78
Std. Deviation	2.00	4.10	4.20	3.40	3.00	3.90
LSD/sig	3.642	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (including awns) (mm)						
Mean	230.80	192.29	205.73	191.58	216.41	181.23
Std. Deviation	3.80	5.30	4.20	4.30	3.90	5.40
LSD/sig	5.221	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Stuart Smith and Andrea Hurst**, Mount Pleasant Laboratories, Launceston, TAS.

**Details of Application**

<b>Application Number</b>	2009/057
<b>Variety Name</b>	'Macumba'
<b>Genus Species</b>	<i>Hordeum vulgare</i>
<b>Common Name</b>	Barley
<b>Synonym</b>	N/A
<b>Accepted Date</b>	26 May 2009
<b>Applicant</b>	Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation
<b>Agent</b>	Adelaide Research & Innovation Pty Ltd, SA
<b>Qualified Person</b>	Amanda Box, University of Adelaide, SA

**Details of Comparative Trial**

<b>Location</b>	Charlick Experimental Research Station, Strathalbyn, South Australia
<b>Descriptor</b>	Barley ( <i>Hordeum vulgare</i> )TG/19/10
<b>Period</b>	18th Jun – 21st Dec 2009
<b>Conditions</b>	
<b>Trial Design</b>	Trial layout was a nearest neighbour design including the candidate and 3 comparators ('Namoi', 'Torrens' and 'Schooner').
<b>Measurements</b>	19 measurements were taken throughout the growing period of the trial.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: WI3693 is a waxy hulless type developed by the University of Adelaide Barley Program. WI3693 is derived from a three-way cross between the waxy hulless cultivar, 'Azhul' (University of Arizona, US) and CCN resistant, South Australian covered feed cultivars, 'Barque' and 'Keel'. The cross producing WI3693 was completed in the spring of 1997. Selection of WI3693's high amylopectin starch trait was identified in a segregating F3 bulk using iodine staining of the endosperm of half seeds. WI3693 progressed through early generation selection trials in 2000, Stage 1 trials in 2001, and was fast-tracked and promoted to University of Adelaide Stage 3 trials in 2002. Criteria for selection included hulless caryopsis, 2-row, white grain, competitive grain yields, foliar leaf disease resistance, medium plant height, and both lodging and head loss resistant. Grain quality criteria for selection included high amylopectin starch, high beta-glucan contents and acceptable pearling performance. Subsequently, it was promoted to SARDI Preliminary/Advanced Trials in 2003. WI3693 has been evaluated in National Variety Trials between 2005 and 2007. WI3693 has also been included in collaborative trials in Victoria, New South Wales, Queensland and Western Australia since 2002. Approximately 100 CCN resistance reselections were made in a summer nursery at the Waite Campus, University of Adelaide in 2002, which were subsequently multiplied at Strathalbyn, South Australia during 2003. The most phenotypically similar selections were bulked to produce approximately 15kg pure seed, from which the commercial variety will be produced. In 2009 5 tonnes of bulk seed was produced at Charlick Experimental Research Station with the grain harvested at the end of the season being used to produce the commercial cultivar.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	Erect
Grain	husk	Absent

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

Name	Comments
‘Namoi’	Grain: husk – absent
‘Torrens’	Grain: husk – absent

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Morrell’	Grain Kernel discolouration	absent	Present
‘Morrell’	Plant Length	medium to tall	Tall
‘Schooner’	Grain Husk	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	‘Macumba’	‘Namoi’	‘Torrens’
<input type="checkbox"/> *Plant: growth habit	erect	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	very weak to weak	medium to strong	very weak to weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Time of: ear emergence	medium	early to medium	Early
<input type="checkbox"/> *Awns: anthocyanin colouration of tips	present	present	present
<input type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	very weak	medium	weak to medium
<input type="checkbox"/> *Ear: glaucosity	absent or very weak	weak	absent or very weak
<input checked="" type="checkbox"/> Ear: attitude	erect to semi-erect	horizontal	horizontal
<input type="checkbox"/> *Plant: length	medium	medium to long	medium
<input type="checkbox"/> *Ear: number of rows	two	two	two
<input type="checkbox"/> Ear: shape	tapering	tapering	tapering
<input type="checkbox"/> *Ear: density	medium	lax to medium	medium
<input type="checkbox"/> Ear: length	medium	medium	medium
<input type="checkbox"/> *Awn: length	long	long	long
<input checked="" type="checkbox"/> Rachis: curvature of first segment	weak	medium	medium



<input type="checkbox"/>	*Sterile spikelet: attitude	parallel to weakly divergent	divergent	parallel to weakly divergent
<input type="checkbox"/>	Median spikelet: length of glume and its awn relative to grain	equal	equal	equal
<input type="checkbox"/>	*Grain: rachilla hair type	short	short	short
<input type="checkbox"/>	*Grain: husk	absent	absent	absent
<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	very strong	absent or very weak	strong
<input type="checkbox"/>	*Grain: hairiness of ventral furrow	absent	present	absent
<input type="checkbox"/>	Kernel: colour of aleurone layer	whitish	whitish	whitish
<input type="checkbox"/>	*Season: type	spring type	spring type	spring type

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

<b>Organ/Plant Part: Context</b>	<b>‘Macumba’</b>	<b>‘Namoi’</b>	<b>‘Torrens’</b>
<input checked="" type="checkbox"/> Stem: lodging under high fertility	absent	present	present
<input checked="" type="checkbox"/> Stem: ear retention	good	medium	poor
<input checked="" type="checkbox"/> Resistance to: scald	high	low	low to moderate
<input type="checkbox"/> Resistance to: cereal cyst nematode	present	absent	present
<input checked="" type="checkbox"/> Grain: endosperm texture	mealy	steely	steely
<input type="checkbox"/> Grain: kernel discolouration	resistant	resistant	susceptible
<input type="checkbox"/> Grain: rachilla hair length	short	short	short

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Macumba’</b>	<b>‘Namoi’</b>	<b>‘Torrens’</b>
<input checked="" type="checkbox"/> Plant: length (stem, ear and awns) (cm)			
Mean	91.68	91.60	92.68
Std. Deviation	2.36	7.66	5.65
Lsd/sig	7.44	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (excluding the awns) (cm)			
Mean	5.89	6.32	6.44
Std. Deviation	0.94	1.11	0.78
Lsd/sig	1.29	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Awn: length (cm)			
Mean	8.79	7.91	8.14
Std. Deviation	0.93	1.09	1.04
Lsd/sig	1.29	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: number of grains			
Mean	21.40	23.30	22.20
Std. Deviation	3.41	5.08	3.94

Lsd/sig

5.105

$P \leq 0.01$

$P \leq 0.01$

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2009/058
<b>Variety Name</b>	'Finniss'
<b>Genus Species</b>	<i>Hordeum vulgare</i>
<b>Common Name</b>	Barley
<b>Synonym</b>	N/A
<b>Accepted Date</b>	25 May 2009
<b>Applicant</b>	Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation
<b>Agent</b>	Adelaide Research & Innovation Pty Ltd
<b>Qualified Person</b>	Amanda Box, University of Adelaide

**Details of Comparative Trial**

<b>Location</b>	Charlick Experimental Research Station, Strathalbyn, SA.
<b>Descriptor</b>	Barley ( <i>Hordeum vulgare</i> )TG/19/10
<b>Period</b>	18th Jun – 21st Dec 2009.
<b>Conditions</b>	
<b>Trial Design</b>	Trial layout was a nearest neighbour design including the candidate and 5 comparators.
<b>Measurements</b>	19 measurements were taken throughout the growing period of the trial.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination:WI3930 was bred from a three-way cross between a hulless barley selection CIMMYT 42002 from CIMMYT, Mexico and the South Australian covered feed cultivars 'Galleon' (CCN resistant) and 'Skiff' (CCN susceptible). The cross producing WI3930 was made in the spring of 1990. WI3930 was a CCN resistant reselection taken from a hulless line WI3152 (segregating for CCN resistance) in the summer of 2001/2002. WI3152 progressed through early generation selection trials and was promoted to University of Adelaide Stage 3 trials in 1996. Criteria for selection included hulless caryopsis, 2-row, white grain, competitive grain yields to covered barley variety 'Schooner', foliar leaf disease resistance, semi-dwarf plant height, and both lodging and head loss resistant. Subsequently, it was promoted to SARDI Stage 3 (Preliminary) trials in 1998 and SARDI Stage 4 (Advanced) trial evaluation in SA in 1999. It has also been included in collaborative trials in VIC, NSW, QLD and WA since 1997. In 2001, 48 CCN resistant reselections were taken from WI3152. These were multiplied as strips over summer 2001/2002. During the growing season WI3930 was observed that the individual lines were segregating for growth habit, height and maturity. As a result, selected and promoted 26 reselections in 2002 University of Adelaide Stage 1 trials at Clinton and Strathalbyn. Simultaneously, these reselections were multiplied at Charlick Experimental Research Station, Strathalbyn. Four reselections (identified as WI3930, WI3931, WI3932 and WI3933) were fast-tracked through to 2003 University of Adelaide Stage 3 trials. Subsequently, WI3930 was promoted to SARDI Advanced trial evaluation in South Australia in 2004 and re-evaluated in 2005. WI3930 has been evaluated in National Variety Trials between 2005 and 2010. In addition, WI3930 has been included in collaborative trials SA (8), VIC (2), NSW (1) and WA (1).

**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
Grain	husk	Absent
Lowest leaves	hairiness of leaf sheaths	Absent
Ear	number of rows	Two
Grain	rachilla hair type	Short

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

Name	Comments
'Torrens'	Grain: husk – absent.
'Namoi'	Grain: husk – absent.

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Morrell'	Plant length	short	Tall
'Schooner'	Grain husk	absent	Present
'Schooner'	Plant length	short	medium to tall

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

Organ/Plant Part: Context	'Finniss'	'Namoi'	'Torrens'
<input checked="" type="checkbox"/> *Plant: growth habit	prostrate	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 type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	weak	medium to strong	very weak to weak
<input type="checkbox"/> Flag leaf: glaucosity of sheath	very weak to weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Time of: ear emergence	medium to late	early to medium	Early
<input type="checkbox"/> *Awns: anthocyanin colouration of tips	present	present	present
<input type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	weak	medium	weak to medium
<input type="checkbox"/> *Ear: glaucosity	absent or very weak	weak	absent or very weak
<input checked="" type="checkbox"/> Ear: attitude	semi-erect	horizontal	horizontal
<input checked="" type="checkbox"/> *Plant: length	short	medium to long	medium
<input type="checkbox"/> *Ear: number of rows	two	two	two
<input type="checkbox"/> Ear: shape	tapering	tapering	tapering
<input type="checkbox"/> *Ear: density	medium to dense	lax to medium	medium
<input type="checkbox"/> Ear: length	medium	medium	medium
<input type="checkbox"/> *Awn: length	long	long	long

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

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

<b>Organ/Plant Part: Context</b>	<b>‘Finniss’</b>	<b>‘Namoi’</b>	<b>‘Torrens’</b>
<input checked="" type="checkbox"/> Stem: ear retention	very good	medium	poor
<input checked="" type="checkbox"/> Resistance to: cereal cyst nematode	present	absent	present
<input checked="" type="checkbox"/> Grain: rachilla length	long	short	short
<input type="checkbox"/> Seedling: coleoptile length	short	short to medium	short to medium

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Finniss’</b>	<b>‘Namoi’</b>	<b>‘Torrens’</b>
<input type="checkbox"/> Plant: length (stem, ear and awns) (cm)			
Mean	82.10	91.60	89.90
Std. Deviation	3.87	7.66	8.36
LSD/sig	8.91	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (excluding the awns) (cm)			
Mean	6.20	6.30	5.77
Std. Deviation	0.83	1.11	0.83
LSD/sig	1.16	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: number of grains			
Mean	19.00	23.30	20.80
Std. Deviation	3.94	5.08	2.35
LSD/sig	5.518	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Awn: length (cm)			
Mean	9.80	7.90	8.19
Std. Deviation	0.18	1.09	1.04
LSD/sig	1.13	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Amanda Box**, University of Adelaide

**Details of Application**

<b>Application Number</b>	2009/347
<b>Variety Name</b>	'LC07AS'
<b>Genus Species</b>	<i>Lotus corniculatus</i>
<b>Common Name</b>	Birdsfoot Trefoil
<b>Synonym</b>	N/A
<b>Accepted Date</b>	15 Jan 2010
<b>Applicant</b>	Department of Industry and Investment for and on behalf of the State of New South Wales, Australian Wool Innovation Limited, Future Farm Industries CRC Ltd, Rural Industries Research and Development Corporation
<b>Agent</b>	N/A
<b>Qualified Person</b>	David Collins

**Details of Comparative Trial**

<b>Location</b>	Ucarty, Dowerin shire Western Australia
<b>Descriptor</b>	Lotus spp. ( <i>Lotus corniculatus/ pedunculatus/ tenuis/ subbiflorus</i> ) TG/193/1
<b>Period</b>	May 08 to Dec 09
<b>Conditions</b>	Seeds germinated in glass house in individual tubes then transplanted into open beds 6 weeks after germination. Soil conditions grey loamy sand pH 5.3 in CaCl <sub>2</sub> . Trial site sprayed with glyphosate at 1 l/ha before transplanting and Armora at 120 ml/ha 6 weeks after transplanting for brome grass control. No control for pests and diseases was required. Trial was irrigated when required to ensure seedling establishment of seedlings and healthy growth during dry periods.
<b>Trial Design</b>	Randomised block design, each plot contained 20 plants spaced at 40cm intervals. There were 2 replicates.
<b>Measurements</b>	Measurements taken from 20 plants 1 measurement per plant.
<b>RHS Chart - edition</b>	

**Origin and Breeding**

Controlled pollination: From 2001 to 2004, the best parent plant were selected according to their performance in herbage and seed production. Selected plants were polycrossed by honey-bees. Half-sib families harvested from this polycross were evaluated in 3 field sites during 2005 and 2006. Elite material selected from the field sites as well as mother plants were selected according to the performance of the progeny test (half-sib families). Individual selected plants or mother plants were hand-crossed to combine best herbage producers with best early and prolific flowering plants. The pair-crosses were evaluated in the field to select the progenies that have the combined attributes. Best 12 erect early and prolific flowering plants out of 3160 were selected and polycrossed together with 2 plants from a field persistence evaluation conducted from 2003 to 2007 with honey-bees to produce the synthetic cultivar LC07AS.

**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>
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Flower	corolla colour	yellow
Leaf	density of	absent or very sparse

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

<b>Name</b>	<b>Comments</b>
LC07AUYF	has yellow flower colour
LC07AUF	has yellow flower colour
LC07AT	has yellow flower colour and prostrate growth habit
San Gabriel	has yellow flower colour

### **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>
'Goldie'	Plant time to flower	very early	very late
Maitland	Flowering time to flower	early	late
Norcen	Flowering time to flower	early	late
Leo	Flowering time to flower	early	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>'LC07AS'</b>	<b>'LC07AT'</b>	<b>'LC07AUF'</b>	<b>'LC07AUYF'</b>	<b>'San Gabriel'</b>
<input type="checkbox"/> Leaf: density of hairs	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium	medium to dark
<input type="checkbox"/> Stem: density of hairs	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> *Plant: growth habit	prostrate	prostrate	erect	erect to semi-erect	erect
<input checked="" type="checkbox"/> *Plant: width	narrow to medium	medium	medium	medium to broad	medium
<input type="checkbox"/> *Flower: bud colour	orange	orange	orange	orange	yellow
<input type="checkbox"/> Flower corolla: colour	yellow	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence	very early	medium	medium	early to medium	late to very late
<input checked="" type="checkbox"/> Leaf: length of central leaflet	short to medium	medium	medium	medium to long	medium
<input type="checkbox"/> *Leaf: width of central leaflet	narrow to medium	medium	medium	medium	medium
<input type="checkbox"/> Stem: length of longest stem	short to medium	short to medium	medium	medium to long	medium



**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'LC07AS'</b>	<b>'LC07AT'</b>	<b>'LC07AUF'</b>	<b>'LC07AUYF'</b>	<b>'San Gabriel'</b>
<input checked="" type="checkbox"/> Petiol: length	short	short	medium	long	medium
<input checked="" type="checkbox"/> Stipule: length	short	medium	medium	long	medium
<input checked="" type="checkbox"/> Stem: number of nodes	few	many	many	many	many
<input checked="" type="checkbox"/> Stipule: width	medium	narrow	medium	wide	medium
<input checked="" type="checkbox"/> Peduncle: length	short	medium	medium	medium	medium

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'LC07AS'</b>	<b>'LC07AT'</b>	<b>'LC07AUF'</b>	<b>'LC07AUYF'</b>	<b>'San Gabriel'</b>
<input checked="" type="checkbox"/> Stem: length (mm)					
Mean	226.40	281.00	346.50	378.70	362.00
Std. Deviation	36.31	46.00	58.66	44.88	36.22
Lsd/sig	40.97	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Petiole: length (mm)					
Mean	3.89	3.33	5.15	15.23	5.76
Std. Deviation	1.07	1.10	1.53	6.56	1.71
Lsd/sig	1.13	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: time to flower (days)					
Mean	123.35	136.55	138.30	131.25	172.90
Std. Deviation	7.15	4.53	7.14	7.09	13.79
Lsd/sig	6.13	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stipule: length (mm)					
Mean	8.43	8.91	10.55	11.07	9.23
Std. Deviation	0.98	2.17	1.67	1.96	1.73
Lsd/sig	1.48	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Stipule: width (mm)					
Mean	6.29	4.96	8.03	8.21	7.25
Std. Deviation	0.98	1.33	1.94	1.71	1.53
Lsd/sig	1.05	P≤0.01	P≤0.01	P≤0.01	ns
Means Separation		1.33	1.74	1.92	0.96
<input checked="" type="checkbox"/> Leaflet: length (mm)					
Mean	10.51	11.39	13.76	14.33	12.95
Std. Deviation	1.26	2.98	1.57	2.61	2.31
Lsd/sig	1.99	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaflet: width (mm)					
Mean	5.05	5.05	7.64	6.84	7.11
Std. Deviation	0.80	0.80	1.73	1.75	2.06
Lsd/sig	1.16	ns	P≤0.01	P≤0.01	P≤0.01

<input checked="" type="checkbox"/> Peduncle: length (mm)					
Mean	30.50	48.20	39.10	45.80	N/A
Std. Deviation	11.45	15.42	8.63	14.57	
Lsd/sig	10.49	P≤0.01	ns	P≤0.01	
<input checked="" type="checkbox"/> Pod: length (mm)					
Mean	16.87	21.78	21.45	24.80	N/A
Std. Deviation	3.02	3.71	2.14	3.39	
Lsd/sig	2.69	P≤0.01	P≤0.01	P≤0.01	
<input checked="" type="checkbox"/> Stem: number of nodes					
Mean	6.35	10.35	12.15	10.30	14.31
Std. Deviation	1.69	2.41	2.15	3.05	2.16
Lsd/sig	2.29	P≤0.01	P≤0.01	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: : **David Collins**, Northam, Western Australia

**Details of Application**

<b>Application Number</b>	2009/348
<b>Variety Name</b>	'LC07AT'
<b>Genus Species</b>	<i>Lotus corniculatus</i>
<b>Common Name</b>	Birdsfoot Trefoil
<b>Synonym</b>	N/A
<b>Accepted Date</b>	15 Jan 2010
<b>Applicant</b>	Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited
<b>Agent</b>	
<b>Qualified Person</b>	David Collins, Northam, WA

**Details of Comparative Trial**

<b>Location</b>	Ucarty, Dowerin Shire Western Australia
<b>Descriptor</b>	Birdsfoot Trefoil ( <i>Lotus corniculatus</i> ) TG/193/1
<b>Period</b>	May 08 to Dec 09
<b>Conditions</b>	Seed germinated in glass house in individual tubes then transplanted into open beds 6 weeks after germination. Soil conditions grey loamy sand pH 5.3 in CaCl <sub>2</sub> . Trial site sprayed with glyphosate at 1 l/ha before transplanting and Armora at 120 ml/ha at six weeks after transplanting for brome grass control. No control for pests or disease was required. Trial was irrigated when required to ensure establishment of seedlings and healthy growth during dry periods.
<b>Trial Design</b>	Randomised block design, each plot contained 20 plants sown at 40 cm intervals. There were 3 replicates.
<b>Measurements</b>	Measurements taken from 20 plants 1 measurement per plant.
<b>RHS Chart - edition</b>	

**Origin and Breeding**

Controlled pollination: thirty clones of each of three cross-pollinated elite breeding lines (SA 25252, SA 25295 and SA833) and the self-pollinated SA 38041 were produced in 2004. In 2004/5, 90 inflorescences of each of the cross-pollinated accessions were emasculated and subsequently pollinated with SA 38041. Successful crosses were harvested.

In 2005, a random sample of 100 F<sub>1</sub> seeds were planted per cross in an insect-proof screen-house, together with the parents plants. SSR markers were evaluated on the four parent plants to detect the best polymorphic primer to subsequent utilize in the screening of a random sample of 12 individual plants from each of the three crosses to identify positive cross-pollination. A total of seven, four and three F<sub>1</sub>'s were selected out of the 12 plants per cross studied with the molecular markers. These 11 F<sub>1</sub>'s were hand-pollinated (1156 pair-crosses) to each of their respective parent, selfed or sib-mated.

In 2006/7, 3160 spaced plants corresponding to 202 pair-crosses were evaluated for condensed tannin content and early flowering. The best 8 plants were selected and polocrosse with honey-bees in 2007 to produce the synthetic cultivar LC07AT.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	yellow
Flower	bud colour	orange

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

Name	Comments
'LC07AUF'	Has yellow flower colour.
'LC07A S'	Has yellow flower colour
'LC07AUYP'	Has yellow flower colour

### Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
Maitland	Flowering time to flower	early	late
Norcen	Flowering time to flower	early	late
Leo	Flowering time to flower	early	late
'Goldie'	Plant time to flower	medium	very late
'San Gabriel'	Plant time to flower	medium	late to very 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	'LC07AT'	'LC07AUF'	'LC07AS'	'LC07AUYP'
<input type="checkbox"/> Leaf: density of hairs	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/> Stem: density of hairs	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> *Plant: growth habit	prostrate	erect	prostrate	erect to semi-erect
<input checked="" type="checkbox"/> *Plant: width	medium	medium	narrow to medium	medium to broad
<input type="checkbox"/> *Flower: bud colour	orange	orange	orange	orange
<input type="checkbox"/> Flower corolla: colour	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence	medium	medium	very early	early to medium
<input checked="" type="checkbox"/> Leaf: length of central leaflet	medium	medium	short to medium	medium to long
<input checked="" type="checkbox"/> *Leaf: width of central leaflet	medium	medium	narrow to medium	medium
<input checked="" type="checkbox"/> Stem: length of longest stem	short to medium	medium	short to medium	medium to long

### Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LC07AT'	'LAU07F'	'LAU07S'	'LAU07YP'
<input checked="" type="checkbox"/> Petiole: length	short	medium	short	
<input checked="" type="checkbox"/> Peduncle : length	medium	medium	short	

<input checked="" type="checkbox"/>	Stipule: length	medium	medium	medium
<input checked="" type="checkbox"/>	Stem: number of nodes	many	many	few
<input checked="" type="checkbox"/>	Stipule: width	narrow	wide	narrow

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'LC07AT'</b>	<b>'LAU07F'</b>	<b>'LAU07S'</b>	<b>'LAU07YF'</b>
<input checked="" type="checkbox"/> Stem: length (mm)				
Mean	281.00	346.50	226.40	378.70
Std. Deviation	46.00	58.66	36.31	44.88
Lsd/sig	40.97	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Stem: number of nodes (mm)				
Mean	10.35	12.15	6.35	10.30
Std. Deviation	2.41	2.15	1.69	3.05
Lsd/sig	2.29	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: time to flower (days)				
Mean	136.55	138.30	123.35	131.25
Std. Deviation	4.53	7.14	7.15	7.09
Lsd/sig	6.13	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Petiole: length (mm)				
Mean	3.33	5.15	3.89	6.65
Std. Deviation	1.10	1.53	1.07	2.04
Lsd/sig	1.13	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Stipule: length (mm)				
Mean	8.91	10.55	8.43	11.07
Std. Deviation	2.17	1.67	0.98	1.96
Lsd/sig	1.48	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Stipule: width (mm)				
Mean	4.96	8.03	6.29	8.21
Std. Deviation	1.33	1.94	0.98	1.71
Lsd/sig	1.05	P≤0.01	P≤0.01	P≤0.01
Means Separation		3.07	1.33	3.25
<input type="checkbox"/> Leaflet: length (mm)				
Mean	11.39	13.76	10.51	14.33
Std. Deviation	2.98	1.57	1.26	2.61
Lsd/sig	1.99	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Leaflet: width (mm)				
Mean	4.50	7.64	5.05	6.84
Std. Deviation	1.09	1.73	0.80	1.75
Lsd/sig	1.16	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Peduncle: length (mm)				
Mean	48.20	39.10	30.50	45.80
Std. Deviation	15.42	8.63	11.45	14.57
Lsd/sig	10.49	ns	P≤0.01	ns
<input type="checkbox"/> Pod: length (mm)				

Mean	21.78	21.45	16.87	24.80
Std. Deviation	3.71	2.14	3.02	3.39
Lsd/sig	2.69	ns	P≤0.01	P≤0.01

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2009/349
<b>Variety Name</b>	'LC07AUYF'
<b>Genus Species</b>	<i>Lotus corniculatus</i>
<b>Common Name</b>	Birdsfoot Trefoil
<b>Synonym</b>	N/A
<b>Accepted Date</b>	15 Jan 2010
<b>Applicant</b>	Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Instituto Nacional de Investigacion Agropecuaria
<b>Agent</b>	N/A
<b>Qualified Person</b>	David Collins, Northam, Western Australia

**Details of Comparative Trial**

<b>Location</b>	Ucarty, Dowerin Shire Western Australia
<b>Descriptor</b>	Birdsfoot Trefoil ( <i>Lotus corniculatus</i> ) TG/193/1
<b>Period</b>	12 May 08 to 01 Dec 09
<b>Conditions</b>	Seed germinated in glass house in individual tubes then transplanted into open beds 6 weeks after germination. Soil conditions grey loamy sand pH 5.3 in CaCl <sub>2</sub> . Trial site sprayed with glyphosate before transplanting and Amora at 120 ml/ha 6 weeks after transplanting for brome grass control. No control for pest or disease was required. Site topdressed with Super Cu Zn Mo at 120 kg/ha before planting. Trial was irrigated when required to ensure establishment of seedlings and healthy growth during dry periods.
<b>Trial Design</b>	Randomised block design, each plot contained 20 plants spaced at 40cm intervals there were 3 replicates.
<b>Measurements</b>	Measurements taken from 20 plants one measurement per plant.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: From 2001 to 2004, the best parent plant were selected according to their performance in herbage and seed production. Selected plants were polycrossed by honey-bees. Half-sib families harvested from this polycross were evaluated in 3 field sites during 2005 and 2006. Elite material selected from the field sites as well as mother plants were selected according to the performance of the progeny test (half-sib families). Individual selected plants or mother plants were hand-crossed to combine best herbage producers with best early and prolific flowering plants. The pair-crosses were evaluated in the field to select the progenies that have the combined attributes. Best 10 plants out of 3160 were selected and polycrossed together with 2 plants from a field persistence evaluation conducted from 2003 to 2007 with honey-bees to produce the synthetic cultivar LC07AUYF.

**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>
Flower	colour	Yellow

Flower bud colour Orange

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

Name	Comments
'LC07AUF'	'LC07AUF' has similar growth habit but is later flowering.
'LC07AT'	'LC07AUT' has similar flowering time but has prostrate growth habit.
'LC07AS'	'LC07AUS' has yellow flower colour but is very early flowering and prostrate.

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
Maitland	Flowering time to flower	early	Late
Norcen	Flowering time to flower	early	Late
Leo	Flowering time to flower	early	Late
'Goldie'	Plant time to flower	early	very late
'San Gabriel'	Plant time to flower	early	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	'LC07AUYF'	'LC07AUF'	'LC07AS'	'LC07AT'
<input type="checkbox"/> Leaf: density of hairs	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/> Stem: density of hairs	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> *Plant: growth habit	erect to semi-erect	erect	prostrate	prostrate
<input checked="" type="checkbox"/> *Plant: width	medium to broad	medium	narrow to medium	medium
<input type="checkbox"/> *Flower: bud colour	orange	orange	orange	orange
<input type="checkbox"/> Flower corolla: colour	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence	early to medium	medium	very early	medium
<input checked="" type="checkbox"/> Leaf: length of central leaflet	medium to long	medium	short to medium	medium
<input type="checkbox"/> *Leaf: width of central leaflet	medium	medium	narrow to medium	medium
<input checked="" type="checkbox"/> Stem: length of longest stem	medium to long	medium	short to medium	short to medium

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

Organ/Plant Part: Context	'LC07AUYF'	'LC07AUF'	'LC07AUS'	'LC07AUT'
<input checked="" type="checkbox"/> Stipule: width	wide	wide	medium	narrow
<input checked="" type="checkbox"/> Petiole: length	long	medium	medium	short
<input checked="" type="checkbox"/> Peduncle : length	medium	short	short	medium
<input checked="" type="checkbox"/> Stipule: length	long	medium	medium	medium



<input checked="" type="checkbox"/> Stem: number of nodes	many	many	few	many
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**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'LC07AUYF'</b>	<b>'LC07AUF'</b>	<b>'LC07AUS'</b>	<b>'LC07AUT'</b>
<input checked="" type="checkbox"/> Stem: length (mm)				
Mean	378.70	346.50	226.40	281.00
Std. Deviation	44.88	58.66	36.31	46.00
LSD/sig	40.97	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Stem: number of nodes				
Mean	10.30	12.15	6.35	10.35
Std. Deviation	3.05	2.15	1.69	2.41
LSD/sig	2.29	ns	P≤0.01	ns
<input type="checkbox"/> Petiole: length (mm)				
Mean	6.56	5.15	3.89	3.33
Std. Deviation	2.04	1.53	1.07	1.10
LSD/sig	1.13	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Peduncle: length (mm)				
Mean	45.80	36.10	30.50	48.20
Std. Deviation	14.57	8.63	11.45	15.42
LSD/sig	10.49	ns	P≤0.01	ns
<input type="checkbox"/> Stipule: length (mm)				
Mean	11.07	10.55	8.43	8.91
Std. Deviation	1.96	1.67	0.98	2.17
LSD/sig	1.48	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Stipule: width (mm)				
Mean	8.21	8.03	6.29	4.96
Std. Deviation	1.71	1.94	0.98	1.33
LSD/sig	1.05	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: time to flower (days)				
Mean	131.25	138.30	123.35	136.55
Std. Deviation	7.09	7.14	7.15	4.50
LSD/sig	6.13	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Leraflet: length (mm)				
Mean	14.33	13.76	10.51	11.39
Std. Deviation	2.61	1.57	1.26	2.98
LSD/sig	1.99	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaflet: width (mm)				
Mean	6.84	7.64	5.05	4.50
Std. Deviation	1.75	1.73	0.80	1.09
LSD/sig	1.16	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Pod: length (mm)				
Mean	24.80	21.45	16.87	21.78
Std. Deviation	3.39	2.14	3.02	3.71
LSD/sig	2.70	P≤0.01	P≤0.01	P≤0.01

**Prior Applications and Sales**

Nil.

Description: **David Collins**, Northam, Western Australia

**Details of Application**

<b>Application Number</b>	2009/350
<b>Variety Name</b>	'LC07AUF'
<b>Genus Species</b>	<i>Lotus corniculatus</i>
<b>Common Name</b>	Birdsfoot Trefoil
<b>Synonym</b>	N/A
<b>Accepted Date</b>	15 Jan 2010
<b>Applicant</b>	Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Instituto Nacional de Investigacion Agropecuaria.
<b>Agent</b>	N/A
<b>Qualified Person</b>	David Collins, Northam, WA

**Details of Comparative Trial**

<b>Location</b>	Ucarty, Dowerin Shire, WA
<b>Descriptor</b>	Birdsfoot Trefoil ( <i>Lotus corniculatus</i> ) TG/193/1
<b>Period</b>	12 May 08 to 01 Dec 09
<b>Conditions</b>	Seed germinated in glass house in individual tubes then transplanted into open beds at 6 weeks after germination. Soil conditions grey loamy sand pH 5.3 in CaCl <sub>2</sub> . Trial site sprayed with glyphosate at 1 l/ha before transplanting and Armora at 120 ml/ha at 6 weeks after transplanting for brome grass control. No control for pests or disease was required. Trial was irrigated to ensure seedling establishment and healthy growth during dry periods.
<b>Trial Design</b>	Randomised block design each plot contained 20 plants spaced at 40 cm intervals, there were 3 replicates.
<b>Measurements</b>	Measurements taken from 20 plants per plot one measurement per plant.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: From 2001 to 2004, the best parent plant were selected according to their performance in herbage and seed production. Selected plants were polycrossed by honey-bees. Half-sib families harvested from this polycross were evaluated in 3 field sites during 2005 and 2006. Elite material selected from the field sites as well as mother plants were selected according to the performance of the progeny test (half-sib families). Individual selected plants or mother plants were hand-crossed to combine best herbage producers with best early and prolific flowering plants. The pair-crosses were evaluated in the field to select the progenies that have the combined attributes. Best 12 erect early and prolific flowering plants out of 3160 were selected and polycrossed together with 2 plants from a field persistence evaluation conducted from 2003 to 2007 with honey-bees to produce the synthetic cultivar LC07AUF.

**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>
Flower	colour	yellow

Flower bud colour orange

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

<b>Name</b>	<b>Comments</b>
'LC07AUUF'	Has similar growth habit but has later flowering.
'LC07AT'	Has similar flowering but prostrate growth habit.
'LC07AS'	Has yellow flower colour but prostrate growth habit.

### **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>
Maitland	Flowering time to flower	early	late
Norcen	Flowering time to flower	early	late
Leo	Flowering time to flower	early	late
'Goldie'	Plant time to flowering	medium	very late
'San Gabriel'	Plant time to flower	medium	late to very 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>'LC07AUF'</b>	<b>'LC07AS'</b>	<b>'LC07AT'</b>	<b>'LC07AUUF'</b>
<input type="checkbox"/> Leaf: density of hairs	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/> Stem: density of hairs	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> *Plant: growth habit	erect	prostrate	prostrate	erect to semi-erect
<input checked="" type="checkbox"/> *Plant: width	medium	narrow to medium	medium	medium to broad
<input type="checkbox"/> *Flower: bud colour	orange	orange	orange	orange
<input type="checkbox"/> Flower corolla: colour	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence	medium	very early to early	medium	early to medium
<input checked="" type="checkbox"/> Leaf: length of central leaflet	medium	short to medium	medium	medium to long
<input type="checkbox"/> *Leaf: width of central leaflet	medium	narrow to medium	medium	medium
<input checked="" type="checkbox"/> Stem: length of longest stem	medium	short to medium	short to medium	medium to long

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

<b>Organ/Plant Part: Context</b>	<b>'LC07AUF'</b>	<b>'LC07AUS'</b>	<b>'LC07AUT'</b>	<b>'LC07AUUF'</b>
<input checked="" type="checkbox"/> Petiole: length	medium	short	short	long
<input checked="" type="checkbox"/> Peduncle : length	medium	short	medium	medium
<input checked="" type="checkbox"/> Stipule: length	medium	short	medium	long
<input checked="" type="checkbox"/> Stem: number of nodes	many	few	many	many
<input checked="" type="checkbox"/> Stipule: width	wide	medium	narrow	medium

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'LC07AUF'</b>	<b>'LC07AUS'</b>	<b>'LC07AUT'</b>	<b>'LC07AUYF'</b>
<input checked="" type="checkbox"/> Petiole: length (mm)				
Mean	5.15	3.89	3.33	6.56
Std. Deviation	1.53	1.07	1.10	2.04
LSD/sig	1.13	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stem: length (mm)				
Mean	346.50	226.40	281.00	378.70
Std. Deviation	58.66	36.31	46.00	44.88
LSD/sig	40.97	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Stem: number of nodes				
Mean	12.15	6.35	10.35	10.30
Std. Deviation	2.15	1.69	2.41	3.05
LSD/sig	2.29	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Plant: time to flower (days)				
Mean	138.30	123.35	136.55	131.25
Std. Deviation	7.14	5.05	4.50	7.09
LSD/sig	6.13	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Peduncle: length (mm)				
Mean	39.10	30.50	48.20	45.80
Std. Deviation	8.63	11.45	15.42	14.57
LSD/sig	10.49	ns	ns	ns
<input checked="" type="checkbox"/> Stipule: length (mm)				
Mean	10.55	8.43	8.91	11.07
Std. Deviation	1.67	0.98	2.17	1.96
LSD/sig	1.48	P≤0.01	P≤0.01	ns
Means Separation		2.12	1.64	0.52
<input type="checkbox"/> Stipule: width (mm)				
Mean	8.03	6.29	4.96	8.21
Std. Deviation	1.94	0.98	1.33	1.71
LSD/sig	1.05	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Leaflet: length (mm)				
Mean	13.76	10.51	11.39	14.33
Std. Deviation	1.57	1.26	2.98	2.61
LSD/sig	1.99	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Leaflet: width (mm)				
Mean	7.64	5.05	4.50	6.84
Std. Deviation	1.73	0.80	1.09	1.75
LSD/sig	1.16	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Pod: length (mm)				
Mean	21.45	16.87	21.78	24.80
Std. Deviation	2.14	3.02	3.71	3.39
LSD/sig	2.69	P≤0.01	ns	P≤0.01

**Prior Applications and Sales**

Nil.

Description: **David Collins**, Northam, Western Australia

**Details of Application**

<b>Application Number</b>	2008/191
<b>Variety Name</b>	'Balolespri'
<b>Genus Species</b>	<i>Impatiens walleriana</i>
<b>Common Name</b>	Busy Lizzie
<b>Synonym</b>	Nil
<b>Accepted Date</b>	06 Mar 2009
<b>Applicant</b>	Ball Horticultural Company, West Chicago, Illinois
<b>Agent</b>	Ball Australia Pty. Ltd., Keysborough, VIC
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Canadian Food Inspection Agency
<b>Overseas Data</b>	31301-3646
<b>Reference Number</b>	
<b>Location</b>	St Thomas, Ontario, Canada
<b>Descriptor</b>	Busy Lizzie ( <i>Impatiens walleriana</i> ) TG/102/4
<b>Period</b>	2008
<b>Conditions</b>	Trials for 'Balolespri' were conducted in a polyhouse during summer of 2008 in St Thomas, Ontario, Canada. Fifteen plants of each variety were included in the trial. Rooted cuttings were transplanted into 15 cm pots in April 2008.
<b>Trial Design</b>	
<b>Measurements</b>	Observations and measurements taken from 10 plants of each variety grown in 15cm pots.
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

Open pollination followed by selection: The variety originated in a controlled breeding program in Elburn, Illinois during Jul 2002. 'Balolespri' was a result of self-pollination of the in-house *Impatiens walleriana* breeding selection designated 3684-2. Selection criteria: flower colour, medium green foliage and mounded growth habit. It was grown on to determine uniformity and stability. Breeder Michael Uchneat, Ball Horticultural Company, West Chicago, Illinois, 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>
Leaf variegation	absent	absent
Flower	type	double
Flower	main colour of upper side	white
Flower	secondary colour of upper side	purple

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

<b>Name</b>	<b>Comments</b>
'TiPar'	

**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>‘Balolespri’</b>	<b>‘TiPar’</b>
<input checked="" type="checkbox"/> *Plant: height of foliage	very short to short	tall to very tall
<input checked="" type="checkbox"/> *Plant: width	narrow	medium to broad
<input type="checkbox"/> Shoot: anthocyanin colouration	weak to medium	weak
<input type="checkbox"/> *Leaf: length	medium to long	medium to long
<input checked="" type="checkbox"/> *Leaf: width	narrow to medium	medium to broad
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: colour of upper side (varieties without variegation only)	medium green	medium green
<input type="checkbox"/> Leaf: colour of lower side between veins (varieties without variegation only)	green and red	green and red
<input type="checkbox"/> Petiole: anthocyanin colouration of upper side	weak	weak
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: width	broad to very broad	very narrow to narrow
<input type="checkbox"/> *Flower: number of colours	two	two
<input type="checkbox"/> *Flower: main colour (RHS colour chart)	more white than 155B	white
<input type="checkbox"/> *Flower: secondary colour (varieties with bi- or multicoloured flowers only) (RHS colour chart)	71B with tones of N74A	71B with tones of N74A
<input type="checkbox"/> *Flower: distribution of secondary colour (varieties with bi- or multicoloured flowers only)	irregularly distributed on all petals	irregularly distributed on all petals
<input type="checkbox"/> *Flower: presence of eye zone (varieties with single flowers only)	absent	absent

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Balolespri’</b>	<b>‘TiPar’</b>
<input type="checkbox"/> Leaf blade: intensity of red colouration on lower side between veins	very weak to weak	
<input type="checkbox"/> Leaf blade: anthocyanin colouration on midrib (lower side)	absent or very weak	very weak
<input checked="" type="checkbox"/> Leaf blade: anthocyanin colouration on veins (lower side)	absent or very weak	weak
<input type="checkbox"/> Petiole: length	very short to short	very short to short
<input type="checkbox"/> Pedicel: mean length	medium to long	
<input type="checkbox"/> Pedicel: anthocyanin colouration	absent or very weak	
<input type="checkbox"/> Flower spur: degree of curvature	weak	weak



<input type="checkbox"/>	Flower spur: anthocyanin colouration	absent	absent or very weak
<input checked="" type="checkbox"/>	Flower: secondary colour of lower side	N74B	71C

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Canada	2007	Granted	'Balolespri'
EU	2007	Withdrawn	'Balolespri'
USA	2007	Granted	'Balolespri'

First sold in the USA in Nov 2006.

Description: Mark Lunghusen, World Select Plants/Outback Plants, Cranbourne, VIC.

**Details of Application**

<b>Application Number</b>	2006/049
<b>Variety Name</b>	'KencoralGL'
<b>Genus Species</b>	<i>Kennedia coccinea</i>
<b>Common Name</b>	Coral Vine
<b>Synonym</b>	
<b>Accepted Date</b>	22 Sep 2006
<b>Applicant</b>	George A Lullfitz, Wanneroo, WA
<b>Agent</b>	
<b>Qualified Person</b>	Peter Abell

**Details of Comparative Trial**

<b>Location</b>	Muchea, Great Northern Highway, WA
<b>Descriptor</b>	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES.
<b>Period</b>	Sep 2006
<b>Conditions</b>	Winter rainfall climate. Sand ridge in full sun. Irrigation by drippers. Soil type, Lateritic sand
<b>Trial Design</b>	15 plants in rows with comparator in adjacent (2m space) row.
<b>Measurements</b>	Observations taken from all plants
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Single plant selection: amongst a population of *Kennedia coccinea* at Lancelin, WA in September 2004. Selection criteria was dense growth habit and large size relative to the typical form of the species. 'KencoralGL' was vegetatively propagated over 3 cycles of propagation in Muchea and Wanneroo, WA. No offtypes were observed and 'KencoralGL' demonstrates the characters for which it was selected. Breeder: George A. Lullfitz, Wanneroo, WA

**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>
Leaf	Shape	circular
Leaf	shape of base	obtuse
Leaf	incision of margin	absent
Leaf	undulation of the margin	very weak
Leaf	glossiness of upper side	strong
Leaf	green colour	dark

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

<b>Name</b>	<b>Comments</b>
Normal industry variety	There are no known cultivars of <i>Kennedia coccinea</i> . It is grown for commercial use from seed. The comparator used was a randomly selected seed grown plant propagated from cuttings.

**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>'KencoralGL'</b>	<b>Normal industry</b>
----------------------------------	---------------------	------------------------

		<b>variety</b>
<input checked="" type="checkbox"/> Plant: type	groundcover	climber
<input checked="" type="checkbox"/> Stem: presence of hairs	present	absent
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	present	absent
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	weak to medium	absent or very weak
<input type="checkbox"/> Leaf: leaf type	compound	compound
<input checked="" type="checkbox"/> Leaf: size	very large	small
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input checked="" type="checkbox"/> Leaf: length of blade	very long	short
<input checked="" type="checkbox"/> Leaf: width of blade	very broad	narrow to medium
<input checked="" type="checkbox"/> Leaf: length of petiole	very long	short
<input type="checkbox"/> Leaf: shape	circular (orbiculate)	circular (orbiculate)
<input type="checkbox"/> Leaf: shape of apex	mucronate	mucronate
<input type="checkbox"/> Leaf: shape of base	obtuse	obtuse
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: glossiness of upper side	strong	strong
<input type="checkbox"/> Leaf: green colour	dark	dark

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2009/174
<b>Variety Name</b>	'C100'
<b>Genus Species</b>	<i>Correa</i> sp
<b>Common Name</b>	Correa
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Aug 2009
<b>Applicant</b>	Peter James Ollerenshaw, Bywong, NSW
<b>Agent</b>	n/a
<b>Qualified Person</b>	Robert Dunstone, Curtin, ACT

**Details of Comparative Trial**

<b>Location</b>	Bywong Nursery, NSW
<b>Descriptor</b>	Correa ( <i>Correa</i> ) PBR CORR
<b>Period</b>	Jul 2009 – May 2010.
<b>Conditions</b>	Cuttings of the four varieties were rooted and planted in a pine bark based potting mix containing a coated fertiliser in 14 cm pots. Ten replicates per variety were set out in a randomised block pattern under natural light in a shade house, pest control was not required.
<b>Trial Design</b>	Randomised block.
<b>Measurements</b>	Observations and measurements were taken from 10 plants or parts per variety.
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

Controlled pollination: A cross was made between Correa 'Federation Belle' and *C. mannii* on 30 June 2004. Approximately 50 seedlings were germinated from the resulting seed and grown on in a greenhouse until flowering. Correa 'C100' was selected for an early flowering season that overlapped with Canberra Day and its medium red and cream bicoloured flowers. The variety was propagated by cuttings over 6 generations to check for ease of propagation, uniformity and stability.

**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	bush
Plant	height	medium
Plant	attitude of branches	erect
Leaf	shape	ovate
Flower	number of colours	two
Flower	shape	campanulate
Corolla	main colour	red

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

<b>Name</b>	<b>Comments</b>
'Federation Belle'	Parental variety

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Marion's Marvel'	Flower main colour	red	pale red	The reds are distinctly different.
<i>Correa mannii</i>	Flower number of colours	two	one	

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

Organ/Plant Part: Context	'C100'	'Federation Belle'
<input type="checkbox"/> Plant: growth habit	bush	bush
<input type="checkbox"/> Plant: attitude of branches	erect	Erect
<input type="checkbox"/> Plant: height	medium	medium
<input checked="" type="checkbox"/> Stem: colour (RHS colour chart)	200C	199A
<input type="checkbox"/> Stem: hairiness	strong	strong
<input type="checkbox"/> Stem: colour of hairs	reddish	reddish
<input type="checkbox"/> Stem: hairs (type)	stellate	stellate
<input type="checkbox"/> Branchlets: hairiness	strong	strong
<input type="checkbox"/> Branchlets: colour of hairs	reddish	reddish
<input type="checkbox"/> Branchlets: type of hairs	stellate	stellate
<input type="checkbox"/> Leaf: length	very long	very long
<input type="checkbox"/> Leaf: width	very broad	very broad
<input type="checkbox"/> Leaf: shape	ovate	ovate
<input type="checkbox"/> Leaf: apex	obtuse	obtuse
<input checked="" type="checkbox"/> Leaf: base	rounded	cordate
<input type="checkbox"/> Leaf: undulation of margin	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: cross section	convex	convex
<input type="checkbox"/> Leaf: longitudinal section	flat	flat
<input type="checkbox"/> Leaf: arrangement	opposite	opposite
<input type="checkbox"/> Leaf: upper side hairiness	weak to medium	weak to medium
<input type="checkbox"/> Leaf: upper side hairiness colour	whitish	whitish
<input checked="" type="checkbox"/> Leaf: upper side colour (RHS chart)	139A	137A
<input type="checkbox"/> Leaf: upper side hairs type	stellate	stellate
<input type="checkbox"/> Leaf: lower side hairiness	medium	strong
<input type="checkbox"/> Leaf: lower side hairiness colour	reddish	whitish
<input checked="" type="checkbox"/> Leaf: lower side colour (RHS chart)	191A	194A

<input type="checkbox"/>	Leaf: lower side hairs type	stellate	stellate
<input type="checkbox"/>	Petiole: length	short	short
<input type="checkbox"/>	Petiole: hairiness	strong	strong
<input type="checkbox"/>	Petiole: colour of hairs	reddish	reddish
<input type="checkbox"/>	Petiole: hairs (type)	stellate	stellate
<input type="checkbox"/>	Flowers: flowers	solitary	solitary
<input type="checkbox"/>	Flowers: attitude	pendulous	pendulous
<input type="checkbox"/>	Flowers: position	terminal	terminal
<input type="checkbox"/>	Flowers: shape	campanulate	campanulate
<input type="checkbox"/>	Flowers: hairiness	medium	medium
<input type="checkbox"/>	Flowers: length	medium to long	medium to long
<input type="checkbox"/>	Flowers: diameter	medium	medium to broad
<input type="checkbox"/>	Flowers: number of colours	two	two
<input checked="" type="checkbox"/>	Perianth: basal colour (RHS chart)	45B	51A
<input checked="" type="checkbox"/>	Perianth: distal colour (RHS chart)	4D	150C
<input checked="" type="checkbox"/>	Perianth: inner colour (RHS chart)	4D	145D
<input checked="" type="checkbox"/>	Perianth: lobes reflexing	strong	weak to medium
<input checked="" type="checkbox"/>	Calyx: colour (RHS chart)	191B	145C
<input type="checkbox"/>	Calyx: hairiness	weak	medium
<input type="checkbox"/>	Calyx: colour of hairs	whitish	whitish
<input type="checkbox"/>	Flower buds: width	medium	medium to broad
<input type="checkbox"/>	Flower buds: length	medium	medium
<input type="checkbox"/>	Flower buds: hairiness	weak to medium	medium to strong
<input type="checkbox"/>	Flower bud: colour of hairs	whitish	reddish
<input type="checkbox"/>	Pedicel: length	medium	short
<input type="checkbox"/>	Pedicel: hairiness	medium	medium
<input type="checkbox"/>	Style: length	medium	medium
<input type="checkbox"/>	Style: hairiness	absent or very weak	absent or very weak
<input type="checkbox"/>	Style: colour	white	white
<input type="checkbox"/>	Anther: position in relation to corolla	above	above
<input type="checkbox"/>	Anther: colour	yellow	yellow

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2009/177
<b>Variety Name</b>	'Isabell'
<b>Genus Species</b>	<i>Correa</i> sp
<b>Common Name</b>	Correa
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Aug 2009
<b>Applicant</b>	Peter James Ollerenshaw, Bywong, NSW
<b>Agent</b>	n/a
<b>Qualified Person</b>	Robert Dunstone

**Details of Comparative Trial**

<b>Location</b>	Bywong Nursery, NSW
<b>Descriptor</b>	Correa ( <i>Correa</i> ) PBR CORR
<b>Period</b>	Jul 2009 – May 2010.
<b>Conditions</b>	Cuttings of the three varieties were rooted and planted in a pine bark based potting mix containing a coated fertiliser in 14 cm pots. Ten replicates per variety were set out in a randomised block pattern under natural light in a shade house, pest control was not required.
<b>Trial Design</b>	Randomised block.
<b>Measurements</b>	Observations and measurements were taken from 10 plants or parts per variety.
<b>RHS Chart - edition</b>	1986

**Origin and Breeding**

Controlled pollination: A cross was made between Correa 'Candy Pink' and *C. pulchella* on 16 May 2003. Approximately 50 seedlings were germinated from the resulting seed and grown on in a greenhouse until flowering. Correa 'Isabell' was selected for light pink flowers and an early flowering pattern. The variety was propagated by cuttings over 7 generations to check for ease of propagation, uniformity and stability.

**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	bush
Plant	height	medium
Flower	colour	pink
Leaves	colour	dark green

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

<b>Name</b>	<b>Comments</b>
'Candy Pink'	Commercial variety with pink flowers.
'Winter Pink'	Commercial variety with pink flowers.

**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>'Isabell'</b>	<b>'Candy Pink'</b>	<b>'Winter Pink'</b>
<input type="checkbox"/> Plant: growth habit	bush	bush	bush

<input type="checkbox"/>	Plant: attitude of branches	semi-erect to prostrate	semi-erect	erect to semi-erect
<input type="checkbox"/>	Plant: height	medium	medium	medium
<input type="checkbox"/>	Stem: hairiness	strong	strong	strong
<input checked="" type="checkbox"/>	Stem: colour of hairs	whitish	reddish	reddish
<input type="checkbox"/>	Stem: hairs (type)	simple	stellate	simple
<input checked="" type="checkbox"/>	Branchlets: hairiness	medium to strong	strong	medium to strong
<input checked="" type="checkbox"/>	Branchlets: colour of hairs	whitish	reddish	reddish
<input type="checkbox"/>	Branchlets: type of hairs	stellate	stellate	stellate
<input checked="" type="checkbox"/>	Leaf: length	long	very long	medium
<input checked="" type="checkbox"/>	Leaf: width	broad	very broad	narrow
<input checked="" type="checkbox"/>	Leaf: shape	ovate	ovate	elliptic
<input type="checkbox"/>	Leaf: apex	obtuse	obtuse	obtuse
<input checked="" type="checkbox"/>	Leaf: base	obtuse	rounded	obtuse
<input type="checkbox"/>	Leaf: undulation of margin	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Leaf: cross section	flat	flat	flat
<input type="checkbox"/>	Leaf: longitudinal section	flat	flat	flat
<input type="checkbox"/>	Leaf: arrangement	opposite	opposite	opposite
<input type="checkbox"/>	Leaf: upper side hairiness	weak to medium	medium to strong	absent or very weak
<input type="checkbox"/>	Leaf: upper side hairiness colour	whitish	whitish	whitish
<input type="checkbox"/>	Leaf: upper side colour (RHS chart)	139A	137A	139A
<input type="checkbox"/>	Leaf: upper side hairs type	stellate	stellate	stellate
<input type="checkbox"/>	Leaf: lower side hairiness	weak to medium	strong	weak
<input type="checkbox"/>	Leaf: lower side hairiness colour	whitish	whitish	whitish
<input type="checkbox"/>	Leaf: lower side colour (RHS chart)	148B	148C	148C
<input type="checkbox"/>	Leaf: lower side hairs type	stellate	stellate	stellate
<input type="checkbox"/>	Petiole: length	short	very short	short to medium
<input type="checkbox"/>	Petiole: hairiness	weak to medium	medium	strong
<input type="checkbox"/>	Petiole: colour of hairs	reddish	reddish	reddish
<input type="checkbox"/>	Petiole: hairs (type)	stellate	stellate	stellate
<input type="checkbox"/>	Flowers: Flowers	solitary	solitary	solitary
<input type="checkbox"/>	Flowers: attitude	prostrate	prostrate	pendulous
<input type="checkbox"/>	Flowers: position	terminal	terminal	terminal



<input type="checkbox"/>	Flowers: shape	campanulate	campanulate	campanulate
<input type="checkbox"/>	Flowers: hairiness	weak to medium	weak	weak
<input type="checkbox"/>	Flowers: length	medium	medium to long	short to medium
<input type="checkbox"/>	Flowers: diameter	medium	medium	narrow
<input type="checkbox"/>	Flowers: number of colours	one	one	one
<input checked="" type="checkbox"/>	Perianth: colour (RHS chart)	52D	51B	51B
<input type="checkbox"/>	Perianth: distal colour (RHS chart)	n/a	n/a	n/a
<input type="checkbox"/>	Perianth: inner colour (RHS chart)	50D	white	49B
<input type="checkbox"/>	Perianth: lobes reflexing	weak	weak	medium
<input checked="" type="checkbox"/>	Calyx: colour (RHS chart)	195A	152C	146B
<input type="checkbox"/>	Calyx: hairiness	weak to medium	medium	absent or very weak
<input type="checkbox"/>	Calyx: colour of hairs	whitish	reddish	whitish
<input type="checkbox"/>	Flower buds: width	narrow	narrow	narrow to medium
<input type="checkbox"/>	Flower buds: length	short	short	short to medium
<input type="checkbox"/>	Flower buds: hairiness	weak to medium	medium	weak to medium
<input type="checkbox"/>	Flower bud: colour of hairs	whitish	whitish	whitish
<input type="checkbox"/>	Pedicel: length	short	short	long
<input type="checkbox"/>	Pedicel: hairiness	weak to medium	strong	absent or very weak
<input type="checkbox"/>	Style: length	short	medium	long
<input type="checkbox"/>	Style: hairiness	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Style: colour	white	white	white
<input checked="" type="checkbox"/>	Anther: position in relation to corolla	same level	above	above
<input type="checkbox"/>	Anther: colour	yellow	yellow	yellow

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2009/176
<b>Variety Name</b>	'Catie Bec'
<b>Genus Species</b>	<i>Correa</i> sp
<b>Common Name</b>	Correa
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Aug 2009
<b>Applicant</b>	Peter James Ollerenshaw, Bywong, NSW
<b>Agent</b>	n/a
<b>Qualified Person</b>	Robert Dunstone

**Details of Comparative Trial**

<b>Location</b>	Bywong Nursery, NSW
<b>Descriptor</b>	Correa ( <i>Correa</i> ) PBR CORR
<b>Period</b>	Sept 2009 – May 2010.
<b>Conditions</b>	Cuttings of the two varieties were rooted and planted in a pine bark based potting mix containing a coated fertiliser in 14 cm pots. Ten replicates per variety were set out in a randomised block pattern under natural light in a shade house, pest control was not required.
<b>Trial Design</b>	Randomised block.
<b>Measurements</b>	Observations and measurements were taken from 10 plants or parts per variety.
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

Controlled pollination: A cross was made between *Correa alba* and *Correa* 'C15c' on 23 May 2005. Approximately 30 seedlings were germinated from the resulting seed and grown on in a greenhouse until flowering. *Correa* 'Catie Bec' was selected for multiple flowers and a pink flower colour. The variety was propagated by cuttings over 6 generations to check for ease of propagation, uniformity and stability.

**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	bush
Plant	attitude	semi-erect
Plant	height	medium
Flower	colour	pink

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

<b>Name</b>	<b>Comments</b>
'Candy Pink'	A commercial variety with pink flowers that is close to the candidate.

**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>
'Isabell'	Flower arrangement multiple	solitary		The differences between

this variety and the candidate are established in the application for 'Isabell'.

**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>'Catie Bec'</b>	<b>'Candy Pink'</b>
<input type="checkbox"/> Plant: growth habit	bush	bush
<input type="checkbox"/> Plant: attitude of branches	erect to semi-erect	semi-erect
<input type="checkbox"/> Plant: height	medium	medium
<input checked="" type="checkbox"/> Stem: colour (RHS colour chart)	148B	146B
<input type="checkbox"/> Stem: hairiness	strong	strong
<input type="checkbox"/> Stem: colour of hairs	reddish	reddish
<input type="checkbox"/> Stem: hairs (type)	stellate	stellate
<input type="checkbox"/> Branchlets: hairiness	strong	strong
<input type="checkbox"/> Branchlets: colour of hairs	reddish	reddish
<input type="checkbox"/> Branchlets: type of hairs	stellate	stellate
<input type="checkbox"/> Leaf: length	very long	very long
<input type="checkbox"/> Leaf: width	very broad	very broad
<input checked="" type="checkbox"/> Leaf: shape	rhombic	elliptic
<input type="checkbox"/> Leaf: apex	obtuse	obtuse
<input checked="" type="checkbox"/> Leaf: base	cuneate	obtuse
<input type="checkbox"/> Leaf: undulation of margin	medium	very weak to weak
<input type="checkbox"/> Leaf: cross section	convex	flat
<input type="checkbox"/> Leaf: longitudinal section	flat	flat
<input type="checkbox"/> Leaf: arrangement	opposite	opposite
<input type="checkbox"/> Leaf: upper side hairiness	medium to strong	medium to strong
<input type="checkbox"/> Leaf: upper side hairiness colour	whitish	whitish
<input checked="" type="checkbox"/> Leaf: upper side colour (RHS chart)	146A	137A
<input type="checkbox"/> Leaf: upper side hairs type	stellate	stellate
<input type="checkbox"/> Leaf: lower side hairiness	strong	strong
<input type="checkbox"/> Leaf: lower side hairiness colour	whitish	whitish
<input checked="" type="checkbox"/> Leaf: lower side colour (RHS chart)	146B	148C
<input type="checkbox"/> Leaf: lower side hairs type	stellate	stellate
<input type="checkbox"/> Petiole: length	very short to short	very short

<input type="checkbox"/>	Petiole: hairiness	medium	medium
<input type="checkbox"/>	Petiole: colour of hairs	reddish	reddish
<input type="checkbox"/>	Petiole: hairs (type)	stellate	stellate
<input checked="" type="checkbox"/>	Flowers: arrangement	clustered	solitary
<input type="checkbox"/>	Flowers: attitude	prostrate	prostrate
<input type="checkbox"/>	Flowers: position	terminal	terminal
<input type="checkbox"/>	Flowers: shape	campanulate	campanulate
<input type="checkbox"/>	Flowers: hairiness	weak	weak
<input type="checkbox"/>	Flowers: length	medium to long	medium to long
<input type="checkbox"/>	Flowers: diameter	medium	medium
<input type="checkbox"/>	Flowers: number of colours	one	one
<input checked="" type="checkbox"/>	Perianth: colour (RHS chart)	62B	51B
<input checked="" type="checkbox"/>	Perianth: inner colour (RHS chart)	45B	white
<input type="checkbox"/>	Perianth: lobes reflexing	weak to medium	medium
<input checked="" type="checkbox"/>	Calyx: colour (RHS chart)	146C	152C
<input type="checkbox"/>	Calyx: hairiness	weak to medium	medium
<input type="checkbox"/>	Calyx: colour of hairs	reddish	reddish
<input type="checkbox"/>	Flower buds: width	narrow to medium	narrow
<input type="checkbox"/>	Flower buds: length	medium	short
<input type="checkbox"/>	Flower buds: hairiness	medium	medium
<input type="checkbox"/>	Flower bud: colour of hairs	whitish	whitish
<input type="checkbox"/>	Pedicel: length	short	short
<input type="checkbox"/>	Pedicel: hairiness	strong	strong
<input type="checkbox"/>	Style: length	medium	medium
<input type="checkbox"/>	Style: hairiness	absent or very weak	absent or very weak
<input type="checkbox"/>	Style: colour	white	white
<input type="checkbox"/>	Anther: position in relation to corolla	below	same level
<input type="checkbox"/>	Anther: colour	yellow	yellow

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

<b>Organ/Plant Part: Context</b>	<b>‘Catie Bec’</b>	<b>‘Candy Pink’</b>
<input checked="" type="checkbox"/> Corolla: proportion of splitness in relation to corolla length	<25%	25-50%

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2009/175
<b>Variety Name</b>	'Jezabell'
<b>Genus Species</b>	<i>Correa</i> sp
<b>Common Name</b>	Correa
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Aug 2009
<b>Applicant</b>	Peter James Ollerenshaw, Bywong, NSW
<b>Agent</b>	n/a
<b>Qualified Person</b>	Robert Dunstone

**Details of Comparative Trial**

<b>Location</b>	Bywong Nursery, NSW
<b>Descriptor</b>	Correa ( <i>Correa</i> ) PBR CORR
<b>Period</b>	Sep 2009 to May 2010
<b>Conditions</b>	Cuttings of the four varieties were rooted and planted in a pine bark based potting mix containing a coated fertiliser in 14 cm pots. Ten replicates per variety were set out in a randomised block pattern under natural light in a shade house, pest control was not required.
<b>Trial Design</b>	Randomised block.
<b>Measurements</b>	Observations and measurements were taken from 10 plants or parts per variety.
<b>RHS Chart - edition</b>	1986

**Origin and Breeding**

Controlled pollination: A cross was made between Correa 'Candy Pink' and *C. pulchella* on 16 May 2003. Approximately 50 seedlings were germinated from the resulting seed and grown on in a greenhouse until flowering. Correa 'Jezabell' was selected for bright red flowers, heavy flowering and a late flowering pattern. The variety was propagated by cuttings over 7 generations to check for ease of propagation, uniformity and stability.

**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	bush
Plant	height	medium
Flower	number of colours	one
Perianth	colour	red group

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

<b>Name</b>	<b>Comments</b>
'Dusky Bells'	Commercial variety with single colour red flowers.
'Little Cate'	Commercial variety with single colour red flowers.
<i>Correa mannii</i>	Native species with single colour red flowers.

**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	‘Jezebell’	<i>Correa mannii</i>	‘Dusky Bells’	‘Little Cate’
<input type="checkbox"/> Plant: growth habit	bush	bush	bush	bush
<input type="checkbox"/> Plant: attitude of branches	erect	erect	erect to semi-erect	erect
<input type="checkbox"/> Plant: height	medium	medium	medium	medium
<input checked="" type="checkbox"/> Stem: colour (RHS colour chart)	199A	200C	166A	146A
<input type="checkbox"/> Stem: hairiness	strong	strong	weak	medium
<input checked="" type="checkbox"/> Stem: colour of hairs	brownish	reddish	whitish	reddish
<input type="checkbox"/> Stem: hairs (type)	stellate	stellate	simple	stellate
<input type="checkbox"/> Branchlets: hairiness	strong	strong	weak	medium to strong
<input type="checkbox"/> Branchlets: colour of hairs	brownish	reddish	reddish	reddish
<input type="checkbox"/> Branchlets: type of hairs	stellate	stellate	simple	stellate
<input type="checkbox"/> Leaf: length	very long	very long	long	long
<input type="checkbox"/> Leaf: width	very broad	very broad	broad	broad
<input checked="" type="checkbox"/> Leaf: shape	elliptic	elliptic	ovate	ovate
<input checked="" type="checkbox"/> Leaf: apex	obtuse	obtuse	acute	rounded
<input type="checkbox"/> Leaf: base	rounded	rounded	rounded	rounded
<input type="checkbox"/> Leaf: undulation of margin	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Leaf: cross section	flat	convex	flat	concave
<input checked="" type="checkbox"/> Leaf: longitudinal section	flat	concave	flat	flat
<input type="checkbox"/> Leaf: arrangement	opposite	opposite	opposite	opposite
<input type="checkbox"/> Leaf: upper side hairiness	weak	weak	weak	weak
<input type="checkbox"/> Leaf: upper side hairiness colour	whitish	whitish	whitish	whitish
<input checked="" type="checkbox"/> Leaf: upper side colour (RHS chart)	147A	137A	139A	139A
<input type="checkbox"/> Leaf: upper side hairs type	stellate	stellate	stellate	stellate
<input type="checkbox"/> Leaf: lower side hairiness	weak to medium	medium	weak	weak
<input type="checkbox"/> Leaf: lower side hairiness colour	brownish	whitish	whitish	whitish
<input checked="" type="checkbox"/> Leaf: lower side colour (RHS chart)	147B	147C	147B	138B
<input type="checkbox"/> Leaf: lower side hairs type	stellate	stellate	stellate	stellate
<input type="checkbox"/> Petiole: length	very short	short	short	short
<input type="checkbox"/> Petiole: hairiness	strong	medium	weak	weak to medium

<input type="checkbox"/>	Petiole: colour of hairs	reddish	reddish	whitish	reddish
<input type="checkbox"/>	Petiole: hairs (type)	stellate	stellate	simple	stellate
<input type="checkbox"/>	Flowers: Flowers	solitary	solitary	solitary	solitary
<input type="checkbox"/>	Flowers: attitude	pendulous	pendulous	pendulous	pendulous
<input type="checkbox"/>	Flowers: position	terminal	terminal	terminal	terminal
<input type="checkbox"/>	Flowers: shape	campanulate	campanulate	campanulate	campanulate
<input type="checkbox"/>	Flowers: hairiness	weak to medium	medium	weak	medium
<input type="checkbox"/>	Flowers: length	medium	medium to long	medium to long	medium to long
<input type="checkbox"/>	Flowers: diameter	medium to broad	medium	medium	medium to broad
<input type="checkbox"/>	Flowers: number of colours	one	one	one	one
<input checked="" type="checkbox"/>	Perianth: colour (RHS chart)	45A	53B	53C	54A
<input checked="" type="checkbox"/>	Perianth: inner colour (RHS chart)	47D	1C	54C	54A
<input type="checkbox"/>	Perianth: lobes reflexing	medium	medium	medium	strong
<input type="checkbox"/>	Calyx: colour (RHS chart)	144A	146C	146B	144A
<input type="checkbox"/>	Calyx: hairiness	weak	weak to medium	weak to medium	weak
<input type="checkbox"/>	Calyx: colour of hairs	brownish	reddish	whitish	reddish
<input type="checkbox"/>	Flower buds: width	medium	medium	medium	medium
<input type="checkbox"/>	Flower buds: length	short to medium	medium	medium	short to medium
<input type="checkbox"/>	Flower buds: hairiness	weak to medium	medium	weak to medium	weak to medium
<input type="checkbox"/>	Flower bud: colour of hairs	whitish	whitish	whitish	whitish
<input type="checkbox"/>	Pedicel: length	medium	medium	short	medium
<input type="checkbox"/>	Pedicel: hairiness	absent or very weak	absent or very weak	weak	weak
<input type="checkbox"/>	Style: length	long	medium	medium	long
<input type="checkbox"/>	Style: hairiness	absent or very weak	weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Style: colour	green	white	white	green
<input checked="" type="checkbox"/>	Anther: position in relation to corolla	below	above	above	above
<input type="checkbox"/>	Anther: colour	yellow	yellow	yellow	yellow

### **Prior Applications and Sales**

Nil.

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



**Details of Application**

<b>Application Number</b>	2009/283
<b>Variety Name</b>	'Gullygold'
<b>Genus Species</b>	<i>Cynodon dactylon</i>
<b>Common Name</b>	Couchgrass
<b>Synonym</b>	Nil
<b>Accepted Date</b>	02 Feb 2010
<b>Applicant</b>	Thomas G. Parker, Wisemans Ferry, NSW
<b>Agent</b>	Dad & Dave's Turf, Pitt Town, NSW
<b>Qualified Person</b>	Matthew Roche

**Details of Comparative Trial**

<b>Location</b>	Department of Employment, Economic Development and Innovation (DEEDI), Redlands Research Station, Cleveland, Qld (Latitude 27°32' South, Longitude 153°15' East, elevation 25 masl).
<b>Descriptor</b>	<i>Cynodon</i> ( <i>Cynodon dactylon</i> x <i>C. transvaalensis</i> ) PBR CYNO
<b>Period</b>	22 Jul 2009 to 18 Jun 2010
<b>Conditions</b>	Individual propagules (four per tube) were grown in 60 x 60 mm tubes until covered and planted on a red volcanic (krasnozem) soil 22 Jul 2009; plants not defoliated; weed control by pre-emergence oxadiazon (31 Jul and 5 Nov 2009) and nutrition maintained by slow release fertiliser (15 Oct 9) applied 31 Jul 2009.
<b>Trial Design</b>	Thirty spaced plants of each variety ('QLD-Coast' and 'BT-1') were arranged in six randomised blocks with five plants per plot; 1.5 m between plots, 1.5 m between plants within plots.
<b>Measurements</b>	Four diameter of spread measurements were taken per plant (1 Sep, 16 Sep and 28 Sep 2009 (68 DPP); two stolons per plant were collected 29-30 Sep 2009 and stolon and leaf characteristics were measured; two flowering tillers were collected per plant 15-18 Jun 2010 and leaf and inflorescence characteristics were measured; inflorescence density (no. m <sup>2</sup> ) and average sward height per plant were acquired 9 Jun 2010 (322 DPP); exposed leaf and stolon colour using the Royal Horticultural Society (RHS) colour chart (2007 (fifth) edition) were assessed 22 Sep 2009; digital photos of stolons were taken 18 Jun 2010.
<b>RHS Chart - edition</b>	2007 (fifth) edition

**Origin and Breeding**

Spontaneous mutation: discovered in Feb 2006 by Thomas G. Parker as a chance seedling or mutant plant growing among "Common" green couch (*Cynodon dactylon*) in a cricket wicket at Wisemans Ferry, NSW. A selected piece of sod was removed from the wicket block and grown in a pot to undertake initial observations. In Feb 2007 a sample of this material was taken and provided to Dad and Dave's Turf farm, Pitt Town, NSW to grow-on, multiply and take further observations. Following 4 periods of multiplication since Feb 2006 the original plant has not shown any discernible off types. Approximately 300m<sup>2</sup> of turf has been produced as a nursery stock at the NSW farm. Observations undertaken from Thomas Parker and Graeme Colless of Dad and Dave's Turf have reported that the plant is very quick to run across the surface, recovers quickly after scalping and produces a dark green colour with no

fertiliser input.

**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
Internode	length	long
Culm	length	medium

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

Name	Comments
'Riley's Evergreen'	Trademarked as Conquest in Australia.
'JT1'	Trademarked as Hardy Turf in Australia.
'Tifton 10'	

**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	'Gullygold'	'JT1'	'Riley's Evergreen'	'Tifton 10'
<input type="checkbox"/> Plant: habit	creeping			
<input type="checkbox"/> Plant: type	mat-forming			
<input type="checkbox"/> Plant: height	tall			
<input type="checkbox"/> Plant: longevity	perennial			
<input type="checkbox"/> Plant: spreading	stolons and rhizomes			
<input type="checkbox"/> Stolon: nodes	compound			
<input type="checkbox"/> Stolon: internode length	long	long	long	long
<input type="checkbox"/> Stolon: internode thickness	medium			
<input checked="" type="checkbox"/> Stolon: colour when exposed to sunlight	grey brown N199A	grey brown N199A	brown green 147B	brown purple N077A
<input type="checkbox"/> Culms: length	medium	medium	medium	medium
<input type="checkbox"/> Leaf blade: shape	linear-triangular			
<input type="checkbox"/> Leaf blade: length	long			
<input type="checkbox"/> Leaf blade: width	medium			
<input checked="" type="checkbox"/> Leaf blade: colour	dark green 137A	brown green 137B		dark green 147A
<input type="checkbox"/> Ligule: appearance	pubescent			
<input type="checkbox"/> Inflorescence: type	digitate			
<input type="checkbox"/> Inflorescence: length of peduncle	medium			
<input checked="" type="checkbox"/> Inflorescence: maximum number of spikes	6	6	5	4
<input type="checkbox"/> Inflorescence:	3	3	3	3

minimum number of  
spikes

- Culms: habit medium
- Inflorescence: anthers present

### Statistical Table

Organ/Plant Part: Context	'Gullygold'	'JT1'	'Riley's Evergreen'	'Tifton 10'
<input checked="" type="checkbox"/> Plant: mean diameter after 68 days (cm)				
Mean	92.80	83.20	124.60	132.10
Std. Deviation	35.50	47.00	24.30	27.90
LSD/sig	33.93	ns	ns	P≤0.01
<input type="checkbox"/> Stolon node: number of branch stolons at node three (spaced plants)				
Mean	1.48	1.40	1.67	1.52
Std. Deviation	0.60	0.13	0.93	0.79
LSD/sig	0.48	ns	ns	ns
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node four (spaced plants)				
Mean	2.25	2.47	2.87	2.85
Std. Deviation	0.68	0.53	0.68	0.95
LSD/sig	0.38	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node five (spaced plants)				
Mean	2.65	3.67	3.53	3.68
Std. Deviation	0.71	0.77	0.68	1.11
LSD/sig	0.49	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node six (spaced plants)				
Mean	2.90	3.98	4.00	3.97
Std. Deviation	0.88	1.00	1.07	1.04
LSD/sig	0.62	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon node: combined number of branch stolons at nodes two to six (spaced plants)				
Mean	10.35	12.53	13.18	13.08
Std. Deviation	2.19	1.24	2.59	3.23
LSD/sig	1.61	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon node: length of fourth internode from stolon tip (mm)				
Mean	86.16	60.22	69.07	67.06
Std. Deviation	21.17	2.23	10.38	12.49
LSD/sig	10.08	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon node: diameter of fourth internode from stolon tip (mm)				
Mean	1.20	1.39	1.37	1.43
Std. Deviation	0.15	11.70	0.15	0.16
LSD/sig	0.20	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon node: length of sheath on fourth visible node from stolon tip (mm)				
Mean	15.31	12.43	12.41	17.40
Std. Deviation	2.57	0.16	2.05	2.94
LSD/sig	1.28	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon node: length of leaf blade on fourth visible node from stolon tip (mm)				
Mean	18.73	12.65	9.92	18.28
Std. Deviation	5.56	1.70	2.94	4.26

LSD/sig	2.52	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Stolon node: width of leaf blade on fourth visible node from stolon tip (mm)				
Mean	2.92	2.39	2.62	3.47
Std. Deviation	0.64	4.16	0.84	0.40
LSD/sig	0.32	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Stolon node: length:width ratio of fourth visible node from stolon tip				
Mean	6.58	5.66	3.89	5.27
Std. Deviation	2.01	0.55	1.02	1.12
LSD/sig	0.97	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: length of sheath on flag leaf on flowering tillers (mm)				
Mean	83.75	59.37	61.64	58.93
Std. Deviation	15.92	11.87	9.15	8.96
LSD/sig	12.15	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: length of leaf blade on flag leaf on flowering tillers (mm)				
Mean	26.04	17.09	13.53	10.39
Std. Deviation	15.99	9.83	7.00	3.28
LSD/sig	7.41	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: width of leaf blade on flag leaf on flowering tillers (mm)				
Mean	2.40	1.51	1.61	1.77
Std. Deviation	0.67	0.50	0.39	0.36
LSD/sig	0.29	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Flowering tiller: length:width ratio of leaf blade on flag leaf on flowering tillers				
Mean	10.25	11.08	8.16	5.95
Std. Deviation	3.89	3.99	3.27	1.79
LSD/sig	2.63	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: length of sheath on fourth leaf on flowering tillers (mm)				
Mean	21.82	14.49	12.82	11.18
Std. Deviation	4.56	3.95	3.38	2.99
LSD/sig	3.14	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: length of leaf blade on fourth leaf on flowering tillers (mm)				
Mean	55.04	40.29	32.03	21.25
Std. Deviation	15.81	12.04	9.93	9.41
LSD/sig	7.78	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon node: number of branch stolons at node two (spaced plants)				
Mean	1.07	1.02	1.12	1.07
Std. Deviation	0.25	0.50	0.56	0.36
LSD/sig	0.24	ns	ns	ns
<input checked="" type="checkbox"/> Flowering tiller: width of leaf blade on fourth leaf on flowering tillers (mm)				
Mean	3.36	2.31	2.59	2.60
Std. Deviation	0.54	0.45	0.35	0.35
LSD/sig	0.35	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Flowering tiller: length:width ratio of leaf blade on fourth leaf on flowering tillers				
Mean	16.66	17.79	13.13	8.30
Std. Deviation	5.33	5.92	5.30	4.00
LSD/sig	3.09	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: length of fourth internode on flowering tillers (mm)				
Mean	21.32	15.79	13.74	10.02

Std. Deviation	7.69	5.47	5.57	2.61
LSD/sig	4.35	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: diameter of fourth internode on flowering tillers (mm)				
Mean	1.04	0.87	0.79	1.09
Std. Deviation	0.16	0.17	0.17	0.16
LSD/sig	0.13	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Flowering tiller: length of peduncle (mm)				
Mean	97.87	73.26	85.00	71.83
Std. Deviation	19.63	13.60	14.79	12.51
LSD/sig	15.64	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: diameter of peduncle (mm)				
Mean	0.70	0.70	0.58	0.65
Std. Deviation	0.10	0.12	0.07	0.10
LSD/sig	0.08	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Flowering tiller: mean spike length (mm)				
Mean	58.97	42.12	38.20	42.42
Std. Deviation	10.78	8.42	6.29	5.06
LSD/sig	7.68	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: number of spikes on flowering tillers				
Mean	4.55	4.43	4.63	3.47
Std. Deviation	0.53	0.56	0.49	0.50
LSD/sig	0.44	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: count (no. m2) 19 May 2010				
Mean	1.03	3.70	11.77	9.50
Std. Deviation	1.10	2.97	4.75	5.56
LSD/sig	2.69	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Sward: height (19 May 2010) (cm)				
Mean	33.53	31.85	32.83	32.70
Std. Deviation	6.12	3.66	4.91	3.73
LSD/sig	3.86	ns	ns	ns

### **Prior Applications and Sales**

Nil.

Description: **Matthew Roche**, Redlands Research Station, Cleveland, Qld.

**Details of Application**

<b>Application Number</b>	2010/035
<b>Variety Name</b>	'Maki'
<b>Genus Species</b>	<i>Pisum sativum</i>
<b>Common Name</b>	Field Pea
<b>Synonym</b>	Nil
<b>Accepted Date</b>	12 Apr 2010
<b>Applicant</b>	Plant Research (NZ) Ltd, Lincoln, New Zealand
<b>Agent</b>	The University of Sydney
<b>Qualified Person</b>	Stephen Moore

**Details of Comparative Trial**

<b>Location</b>	The University of Sydney, Plant Breeding Institute, Narrabri, NSW
<b>Descriptor</b>	Pea ( <i>Pisum sativum</i> ) TG/7/9
<b>Period</b>	May – Nov 2009
<b>Conditions</b>	Sown into cereal stubble from previous season, self mulching black soil Field H14. No fertiliser applied.
<b>Trial Design</b>	Plots arranged in randomised complete blocks, 12m long and 2m wide (5 rows) in 3 replicates.
<b>Measurements</b>	Taken from 20 random plants per replicate from approximately 2,500 plants.
<b>RHS Chart - edition</b>	Nil

**Origin and Breeding**

Controlled pollination: a hybridisation was made between the maternal parent (Proton51/Crusader) and paternal parent (Almota/Crusader) in a greenhouse at Plant Research Ltd, New Zealand. After producing an F<sub>2</sub> population from this cross selected F<sub>2</sub> plants were screened for resistance to bean yellow mosaic virus using mechanical inoculation, psbmv using a molecular marker and for powdery mildew resistance using natural infection with mildew. Single plant selections were made for the following three generations in field nurseries located in New Zealand and in Washington State USA, at which time a row designated as AP18 was bulked in 2003. This line was evaluated in preliminary trials and further bulked up for replicated field trials. The selection criteria was disease resistance (confirming resistance to powdery mildew and pea seed borne mosaic virus, maturity, semi-leafless character, lodging resistance and grain yield potential. Following successful replicated field trials seed production commenced in 2004 in the USA followed by further multiplication in New Zealand. Seed was sent to The University of Sydney under a testing agreement in 2005. Breeder: Mr. Adrian Russell, Plant Research (NZ) Ltd, Lincoln, 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>
Leaf	presence of leaflets	absent
Plant	anthocyanin colouration	absent
Seed	colour of cotyledon	green
Pod	degree of curvature	absent or very weak

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

Name	Comments
'Crusader'	Parent of 'Maki'.
'Excell'	

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Parafield'	Leaf presence of leaflets	absent	present
'Almota'	Leaf presence of leaflets	absent	present
'Proton 51'	Leaf presence of leaflets	absent	present
'Cressy Blue'	Leaf presence of leaflets	absent	present
'Kaspa'	Plant presence of anthocyanin colouration	absent	present
'Yarrum'	Plant presence of anthocyanin colouration	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	'Maki'	'Crusader'	'Excell'
<input type="checkbox"/> Seed: shape	spherical	spherical	spherical
<input type="checkbox"/> *Seed: colour of cotyledon	green	green	green
<input type="checkbox"/> Seed: dimpled cotyledons (varieties with unwrinkled seed and simple starch grains only)	absent	absent	absent
<input type="checkbox"/> *Plant: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> *Foliage: colour	green	green	green
<input type="checkbox"/> Foliage: intensity of colour (excluding yellow-green and blue-green varieties)	dark	dark	dark
<input type="checkbox"/> Foliage: greyish hue	present	present	absent
<input type="checkbox"/> *Stipule: type of development	well developed	well developed	well developed
<input type="checkbox"/> Stipule: 'rabbit-eared stipules'	absent	absent	absent
<input type="checkbox"/> Stipule: waxiness of surface of upper stipule	present	present	present
<input type="checkbox"/> *Stipule: flecking	present	present	present
<input type="checkbox"/> Stipule: maximum density of flecking	dense	dense	dense
<input type="checkbox"/> *Time of: flowering	early to medium	early to medium	early
<input type="checkbox"/> *Plant: maximum number of flowers per node (non-fasciated varieties only)	two	two	two
<input type="checkbox"/> Flower: colour of standard (varieties without anthocyanin only)	white	white	white
<input type="checkbox"/> Pod: parchment	partially present	partially present	partially present
<input type="checkbox"/> *Pod: degree of curvature	absent or very	absent or very	absent or very

<input type="checkbox"/>		weak	weak	weak
<input type="checkbox"/>	*Pod: type of curvature	concave	concave	concave
<input type="checkbox"/>	*Pod: shape of distal part (varieties without thickened pod wall only)	blunt	blunt	blunt
<input checked="" type="checkbox"/>	*Pod: colour	green	blue-green	green
<input type="checkbox"/>	Pod: intensity of green colour	medium	medium	medium
<input type="checkbox"/>	Pod: strings of suture (varieties with no or partial parchment only)	present	present	present
<input type="checkbox"/>	*Pod: number of ovules	few to medium	medium	medium
<input type="checkbox"/>	Pod: intensity of green colour of immature seed	very light to light	light	very light to light
<input type="checkbox"/>	Seed: time of maturity	medium to late	medium	medium
<input type="checkbox"/>	Seed: wrinkling of cotyledon	absent	absent	absent
<input checked="" type="checkbox"/>	Resistance to: <i>Erysiphe pisi</i> Syd.	present	absent	absent

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Maki’</b>	<b>‘Crusader’</b>	<b>‘Excell’</b>
<input checked="" type="checkbox"/> Plant: height (mm)			
Mean	465.00	397.67	489.33
Std. Deviation	47.88	43.45	22.27
LSD/sig	30.26	P≤0.01	ns
<input type="checkbox"/> Stipule: length (mm)			
Mean	64.03	64.10	59.93
Std. Deviation	10.03	7.27	6.35
LSD/sig	7.40	ns	ns
<input checked="" type="checkbox"/> Stipule: width (mm)			
Mean	36.42	35.53	32.83
Std. Deviation	2.48	2.70	4.50
LSD/sig	3.55	ns	P≤0.01
<input type="checkbox"/> Pod: length (mm)			
Mean	57.30	54.33	57.50
Std. Deviation	4.82	4.84	5.23
LSD/sig	5.90	ns	ns
<input type="checkbox"/> Pod: maximum width (mm)			
Mean	10.56	10.07	10.60
Std. Deviation	1.45	0.94	1.54
LSD/sig	1.56	ns	ns
<input checked="" type="checkbox"/> Petiole: length (mm)			
Mean	69.18	60.60	68.83
Std. Deviation	7.19	12.11	5.99
LSD/sig	8.43	P≤0.01	ns
<input type="checkbox"/> Flower: length of peduncle (mm)			



Mean	64.80	59.50	66.60
Std. Deviation	7.92	13.32	9.13
LSD/sig	9.48	ns	ns

**Prior Applications and Sales**

Prior application nil. First sold in Australia in Apr 2009.

Description: **Steve Moore**, The University of Sydney, Plant Breeding Institute, Narrabri, NSW.

**Details of Application**

<b>Application Number</b>	2004/320
<b>Variety Name</b>	'Sugranineteen'
<b>Genus Species</b>	<i>Vitis vinifera</i>
<b>Common Name</b>	Grape
<b>Synonym</b>	
<b>Accepted Date</b>	21 Dec 2004
<b>Applicant</b>	Sun World International, LLC, USA
<b>Agent</b>	Sun World Australasia, Bathurst, NSW
<b>Qualified Person</b>	Garth Swinburn

**Details of Comparative Trial**

<b>Location</b>	Gol Gol, NSW, Australia
<b>Descriptor</b>	Grapevine ( <i>Vitis</i> ) TG/50/8
<b>Period</b>	Aug 2006 – Apr 2010.
<b>Conditions</b>	The candidate red table grape and two comparator varieties were grafted onto 'Ruggeri' rootstock and planted in the vineyard at a commercial nursery at Gol Gol, NSW.
<b>Trial Design</b>	A replicated trial was established within a single row of vines. 3-vine plots of each variety were replicated five times in blocks along the row.
<b>Measurements</b>	Measurements were made on shoots, leaves, bunches, berries and juice.
<b>RHS Chart - edition</b>	1985

**Origin and Breeding**

Controlled pollination: 89345-090-144 x 89361-091-364. Sunworld parental breeding lines were crossed in May 1993 using hybridisation and subsequent ovule culture of normally abortive seeds. The new selection first flowered in May 1996 and was first asexually propagated by David W. Cain in Dec 1996 using hardwood cuttings.

**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	time of budburst	medium
Berry	colour	red
Berry	time of maturity	medium to late
Berry	presence of seeds	seedless
Berry	size	medium to large

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

<b>Name</b>	<b>Comments</b>
'Crimson Seedless'	red, seedless, elliptical table grape maturing mid- late in the season.
'Red Rob'	large, red to black, seedless table grape maturing mid- late in the season

**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>
'Ruby Seedless'	berry size	large	small-medium

'Ralli Seedless'	fruit	maturity	late	early
'Red Globe'	berry	presence of seeds	seedless	seeded
'Emperor'	berry	presence of seeds	seedless	seeded
'Flame Seedless'	Fruit	maturity	late	early

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

Organ/Plant Part: Context	'Sugranineteen'	'Crimson Seedless'	'Red Rob'
<input type="checkbox"/> *Time of: bud burst (varieties for fruit production only)	medium	medium	medium
<input checked="" type="checkbox"/> *Young shoot: openness of tip	fully open	wide open	wide open
<input checked="" type="checkbox"/> *Young shoot: density of prostrate hairs on tip	sparse	medium	sparse
<input checked="" type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	weak	medium	medium
<input type="checkbox"/> *Young leaf: colour of upper side of blade	light copper-red	light copper-red	light copper-red
<input type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Young leaf: density of erect hairs on main veins on lower side of blade	absent or very sparse	medium	medium
<input type="checkbox"/> Shoot: attitude	horizontal to semi-drooping	semi-erect	semi-erect
<input type="checkbox"/> Shoot: colour of dorsal side of internode	green with red stripes	green with red stripes	green with red stripes
<input type="checkbox"/> *Shoot: colour of ventral side of internode	completely green	completely green	completely green
<input type="checkbox"/> Shoot: number of consecutive tendrils	less than three	less than three	less than three
<input type="checkbox"/> *Flower: sexual organs	stamens and gynoecium both fully developed	stamens and gynoecium both fully developed	stamens and gynoecium both fully developed
<input type="checkbox"/> *Adult leaf: size of blade	large	large	medium to large
<input type="checkbox"/> *Mature leaf: shape of blade	pentagonal	pentagonal	pentagonal
<input type="checkbox"/> Mature leaf: profile in cross section	undulate	V-shaped	V-shaped
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	five
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	medium to deep	medium	deep

<input type="checkbox"/>	Mature leaf: arrangement of lobes of upper lateral sinuses	slightly overlapped	open	strongly overlapped
<input type="checkbox"/>	*Mature leaf: arrangement of lobes of petiole sinus	slightly open	half open	slightly open
<input type="checkbox"/>	Mature leaf: petiole sinus limited by veins	absent	absent	absent
<input type="checkbox"/>	*Mature leaf: length of teeth	medium	short to medium	medium
<input type="checkbox"/>	*Mature leaf: ratio length/width of teeth	medium	medium	medium
<input type="checkbox"/>	*Mature leaf: shape of teeth	mixture of both sides straight & both sides convex	both sides convex	both sides convex
<input type="checkbox"/>	*Mature leaf: anthocyanin colouration of main veins on upper side of blade	weak to medium	absent or very weak	absent or very weak
<input type="checkbox"/>	*Mature leaf: density of prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/>	*Mature leaf: density of erect hairs on main veins on lower side of blade	absent or very sparse	sparse	medium
<input type="checkbox"/>	Mature leaf: length of petiole compared to middle vein	slightly shorter	slightly longer	slightly longer
<input type="checkbox"/>	*Time of: beginning of berry ripening (varieties for fruit production only)	late	medium	medium
<input type="checkbox"/>	*Bunch: size	large	medium	medium to large
<input type="checkbox"/>	*Bunch: density	medium	medium	medium to dense
<input checked="" type="checkbox"/>	*Bunch: length of peduncle	short	medium	medium
<input type="checkbox"/>	*Berry: size	large	medium	medium to large
<input checked="" type="checkbox"/>	*Berry: shape in profile	broad elliptic	oblong	ovate
<input type="checkbox"/>	*Berry: colour of skin	grey-red	red	red
<input checked="" type="checkbox"/>	Berry: ease of detachment from pedicel	difficult	relatively easy	relatively easy
<input type="checkbox"/>	Berry: thickness of skin	medium	medium	medium
<input checked="" type="checkbox"/>	*Berry: anthocyanin colouration of flesh	very weak to weak	weak to medium	strong
<input checked="" type="checkbox"/>	Berry: firmness of flesh	soft	slightly firm	very firm
<input checked="" type="checkbox"/>	Berry: juiciness of flesh	very juicy	very juicy	slightly juicy
<input type="checkbox"/>	*Berry: particular flavour	none	none	none

<input type="checkbox"/>	*Berry: formation of seeds	rudimentary	absent	rudimentary
<input type="checkbox"/>	Woody shoot: main colour	reddish brown	reddish brown	yellowish brown
<input type="checkbox"/>	Woody shoot: relief of surface	striate	striate	striate

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

<b>Organ/Plant Part: Context</b>	<b>'Sugranineteen'</b>	<b>'Crimson Seedless'</b>	<b>'Red Rob'</b>
<input checked="" type="checkbox"/> Berry: presence of bloom	medium	weak	strong

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Sugranineteen'</b>	<b>'Crimson Seedless'</b>	<b>'Red Rob'</b>
<input checked="" type="checkbox"/> Leaf blade: ratio petiole to main vein length			
Mean	0.98	0.96	0.87
Std. Deviation	0.16	0.18	0.17
LSD/sig	0.087	ns	P≤.01
<input checked="" type="checkbox"/> Berry: brix(%)			
Mean	16.20	18.04	15.24
Std. Deviation	2.08	2.70	1.58
LSD/sig	0.6	P≤0.01	P≤0.01
<input type="checkbox"/> Leaf blade: ratio length to width			
Mean	0.75	0.74	0.84
Std. Deviation	0.08	0.08	0.09
LSD/sig	0.04	ns	P≤0.01
<input checked="" type="checkbox"/> Berry: ratio length to diameter			
Mean	1.28	1.38	1.18
Std. Deviation	0.09	0.13	0.10
LSD/sig	0.03	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Berry: length(mm)			
Mean	25.48	25.48	24.93
Std. Deviation	2.16	2.16	2.47
LSD/sig	0.74	P≤0.01	ns
<input checked="" type="checkbox"/> Berry: width(mm)			
Mean	19.97	16.26	21.24
Std. Deviation	1.74	1.32	1.99
LSD/sig	0.51	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Berry: weight(g)			
Mean	5.70	3.50	6.10
Std. Deviation	1.00	0.70	1.36
LSD/sig	1.93	P≤0.01	ns

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Chile	2005	Granted	'Sugranineteen'
Israel	2006	Applied	'Sugranineteen'
EU	2007	Applied	'Sugranineteen'
USA	2001	Granted	'Sugranineteen'

South Africa	2005	Applied	‘Sugranineteen’
Brazil	2007	Applied	‘Sugranineteen’
New Zealand	2009	Applied	‘Sugranineteen’

First sold in October 2003 in USA.

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

**Details of Application**

<b>Application Number</b>	2008/261
<b>Variety Name</b>	'Fire Cracker'
<b>Genus Species</b>	<i>Grevillea alpina</i> x <i>rosmarinifolia</i>
<b>Common Name</b>	Grevillea
<b>Synonym</b>	Nil
<b>Accepted Date</b>	08 Oct 2008
<b>Applicant</b>	Michael Wood, Kalaru, NSW
<b>Agent</b>	Plants Management Australia Pty Ltd, Dodges Ferry, TAS
<b>Qualified Person</b>	Steve Eggleton

**Details of Comparative Trial**

<b>Location</b>	Wonga Park, VIC, Australia
<b>Descriptor</b>	Grevillea PBR GREV.
<b>Period</b>	2009 to Jun 2010
<b>Conditions</b>	Trial conducted in the open condition, plants propagated from cuttings and transferred from tubes to 140mm pots in Jun 2009. Pots filled with soilless, pinebark based mix with controlled release fertilizers. 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>	Randomly selected 10 plants from each variety.
<b>RHS Chart - edition</b>	1995

**Origin and Breeding**

Controlled pollination: pollination occurred between the maternal parent *Grevillea alpina* (Grampians form) and the pollen parent of *G. rosmarinifolia* 'Rosy's Baby'. In June 2004, seed was collected and sown and a subsequent seedling was raised and grown to flowering maturity where it was initially selected for its growth habit and flower number in May 2005. A further generation was the grown via cuttings. Final selection criteria was plant habit dense and flower colour bright yellow and red. All subsequent generations have remained uniform and stable. Propagation is via cuttings.

**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	colour of upper side	light green
Leaf	division of blade	all leaves entire on plant
Leaf	shape of blade outline	linear
Bud	colour of perianth	red
Inflorescence	predominant colour	red
Bud	limb colour	yellow

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

<b>Name</b>	<b>Comments</b>
'Bonnie Prince Charlie'	

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>G. alpina</i> (Grampians form)	Plant	growth habit	bushy	spreading	Maternal parent.
'Rosy's Baby'	Inflorescence	predominant colour	red	pink	Paternal parent.
'Fireworks'	Plant	attitude of branches	semi-erect	erect	
'Fireworks'	Plant	growth habit	bushy	upright	
'Charlie's Angel'	Plant	growth habit	bushy	prostrate	

**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	'Fire Cracker'	'Bonnie Prince Charlie'
<input type="checkbox"/> Plant: growth habit	bushy	upright
<input type="checkbox"/> Plant: attitude of branches	semi-erect	erect to semi-erect
<input type="checkbox"/> Plant: height	short (< 1m)	short (< 1m)
<input type="checkbox"/> Plant: density (assessment of foliage at flowering)	dense	medium
<input type="checkbox"/> Young stem: colour	greyed orange	greyed orange
<input type="checkbox"/> Stem: colour	greyed orange	greyed orange
<input type="checkbox"/> Stem: hairiness	weak	weak
<input type="checkbox"/> Petiole: length	very short	very short
<input type="checkbox"/> Leaf: length	very short (< 5cm)	very short (< 5cm)
<input type="checkbox"/> Leaf: width at widest point	very narrow (< 5cm)	very narrow (< 5cm)
<input type="checkbox"/> Leaf: attitude to stem	erect to semi-erect	semi-erect
<input type="checkbox"/> Leaf: curvature of margin	flat or slightly recurved, under surface on either side of the mid vein wholly exposed	flat or slightly recurved, under surface on either side of the mid vein wholly exposed
<input type="checkbox"/> Leaf: colour of upper side (including hairs)	light green	light green
<input type="checkbox"/> Leaf: colour of lower side (including hairs)	light green	light green
<input type="checkbox"/> Leaf: degree of hairiness on upper side	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf: degree of hairiness on lower side	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf: undulation of margin	weak	weak to medium
<input type="checkbox"/> Leaf: division of blade	all leaves on plant entire	all leaves on plant entire
<input type="checkbox"/> Leaf: shape of blade outline (varieties with division of blade absent only)	linear	linear



<input type="checkbox"/>	Flowering branch: position of inflorescence	terminal only	terminal only
<input checked="" type="checkbox"/>	Inflorescence: length	very short	short
<input type="checkbox"/>	Inflorescence: width	very narrow to narrow	narrow to medium
<input type="checkbox"/>	Inflorescence: predominant colour	red	red
<input type="checkbox"/>	Inflorescence: density of florets	dense	medium to dense
<input type="checkbox"/>	Inflorescence: number of flowers	few to medium	few to medium
<input type="checkbox"/>	Inflorescence: attitude	horizontal to semi-drooping	horizontal to semi-drooping
<input type="checkbox"/>	Inflorescence: form	cylindrical	cylindrical
<input type="checkbox"/>	Inflorescence: branching	absent or very weak	absent or very weak
<input type="checkbox"/>	Inflorescence: sequence of opening of the flowers	centrifugal	centrifugal
<input type="checkbox"/>	Rachis: length	very short to short	short
<input type="checkbox"/>	Bud: colour of perianth	red	red
<input type="checkbox"/>	Bud: colour of limb	yellow	yellow
<input type="checkbox"/>	Bud: attitude of limb in relation to longitudinal axis of bud (late bud prior to anthesis)	drooping	drooping
<input type="checkbox"/>	Flower: attitude of pedicel in relation to rachis	leaning towards inflorescence peduncle	leaning towards inflorescence peduncle
<input checked="" type="checkbox"/>	Flower: length of pedicel	very short	short
<input type="checkbox"/>	Perianth: colour	red	red
<input type="checkbox"/>	Perianth: degree of hairiness (outside of perianth including limb)	absent or very weak	absent or very weak
<input type="checkbox"/>	Perianth: coherence of tepals on dorsal side	less than one third	less than one third
<input type="checkbox"/>	Perianth: coherence of tepals on ventral side	greater than two thirds	greater than two thirds
<input type="checkbox"/>	Tepal: flanging at margin	weak	absent or very weak
<input type="checkbox"/>	Nectary: colour	yellow	white
<input type="checkbox"/>	Ovary: colour	green	green
<input type="checkbox"/>	Ovary: hairiness	strong to very strong	strong to very strong
<input type="checkbox"/>	Style: colour	red	red
<input type="checkbox"/>	Style: curvature (after anthesis before dehiscence of perianth)	straight	straight
<input type="checkbox"/>	Style: hairiness	weak to medium	weak to medium
<input type="checkbox"/>	Style: position of hairs	evenly distributed along length	evenly distributed along length
<input checked="" type="checkbox"/>	Pistil: length	short	medium

<input type="checkbox"/>	Pistil: length in relation to length of perianth	much longer	much longer
<input type="checkbox"/>	Stigma: colour	green	green
<input type="checkbox"/>	Pollen presenter: attitude to style	lateral	lateral
<input type="checkbox"/>	Pollen presenter: colour	green	green
<input type="checkbox"/>	Pollen presenter: shape	flat	flat
<input type="checkbox"/>	Pollen: colour	yellow	yellow

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

<b>Organ/Plant Part: Context</b>	<b>'Fire Cracker'</b>	<b>'Bonnie Prince Charlie'</b>
<input type="checkbox"/> leaf: colour of upper side (RHS)	yellow-green 146A	yellow-green 146A
<input type="checkbox"/> leaf: colour of lower side (RHS)	yellow-green 146C	yellow-green 147B
<input type="checkbox"/> Bud: colour of limb (RHS)	yellow 9A	yellow 12A
<input type="checkbox"/> perianth: colour (RHS)	red 42A	red 42A
<input type="checkbox"/> Style: colour (RHS)	red 47A	red 47A

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'Fire Cracker'</b>	<b>'Bonnie Prince Charlie'</b>
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	20.40	33.50
Std. Deviation	2.30	2.70
LSD/sig	2.3	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	4.30	5.40
Std. Deviation	0.30	0.50
LSD/sig	0.4	P≤0.01
<input checked="" type="checkbox"/> Pistil: length (mm)		
Mean	19.00	25.60
Std. Deviation	0.50	0.70
LSD/sig	0.6	P≤0.01

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2009/038
<b>Variety Name</b>	'Ninderry-Sunrise'
<b>Genus Species</b>	<i>Grevillea formosa</i> x <i>Grevillea banksii</i>
<b>Common Name</b>	Grevillea
<b>Synonym</b>	Nil
<b>Accepted Date</b>	8 Jul 2009
<b>Applicant</b>	Waragrow Holdings Pty Ltd T/as Fairhill Native Plants & Botanic Gardens, Yandina, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	David Hockings

**Details of Comparative Trial**

<b>Location</b>	Fairhill Native Plants & Botanic Gardens, Yandina, QLD
<b>Descriptor</b>	Grevillea ( <i>Grevillea</i> ) PBR GREV
<b>Period</b>	Mar – Apr 2010
<b>Conditions</b>	Open nursery conditions, 140 mm pots on concrete floor and with no overhead shade.
<b>Trial Design</b>	10 plants of each of the candidate and both comparators. Arranged in 2 replicated and randomised blocks.
<b>Measurements</b>	Measurements from all plants.
<b>RHS Chart - edition</b>	1986.

**Origin and Breeding**

Controlled pollination: seed parent *Grevillea formosa* x pollen parent *Grevillea banksii*. The seed parent is characterised by yellow-green flower colour. The pollen parent is characterised by red flower colour. Pollen was collected from *G. banksii* and dusted on the stigma disks of emasculated *G. formosa* flowers. The main objective of the breeding program was to combine the vigour and flower colour of *G. banksii* with the large flower size of *G. formosa*. The resulting seeds were collected from the *G. formosa* parent and sown. The plants were evaluated for size and vigour; flower colour and size; longevity of flowering period. The plants which did not show the desired characteristics were eliminated and the selected plants were planted into trial plots for further evaluation. After a period of three years of evaluation 'Ninderry-Sunrise' was selected with the desired characteristics. Breeder: Nick Hansa, Fairhill Native Plants & Botanic Gardens, Yandina, QLD.

**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	Spreading
Plant	attitude of branches	semi-erect to prostrate
Plant	height	Medium
Flowering branch	position of inflorescence	terminal only
Inflorescence	attitude	horizontal to semi-drooping

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

<b>Name</b>	<b>Comments</b>
'Ivory Whip'	Similar growth habit. Also bred from <i>Grevillea formosa</i>

‘Billy Bonkers’ parentage.  
Similar growth habit. Also bred from *Grevillea formosa* parentage.

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

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Cooroora Cascade’	Plant growth habit	spreading	prostrate	
<i>Grevillea formosa</i>	Flower colour	orange-pink	yellow-green	seed parent

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

Organ/Plant Part: Context	‘Ninderry-Sunrise’	‘Billy Bonkers’	‘Ivory Whip’
<input type="checkbox"/> Plant: growth habit	spreading	spreading	spreading
<input type="checkbox"/> Plant: attitude of branches	semi-erect to prostrate	semi-erect to prostrate	semi-erect to prostrate
<input type="checkbox"/> Plant: height	medium (1-3m)	medium (1-3m)	medium (1-3m)
<input type="checkbox"/> Plant: density (assessment of foliage at flowering)	medium to dense	dense to very dense	medium to dense
<input type="checkbox"/> Young stem: colour	greyed orange	greyed orange	greyed orange
<input type="checkbox"/> Stem: colour	greyed orange	brown	greyed orange
<input type="checkbox"/> Stem: hairiness	strong to very strong	strong to very strong	very strong
<input type="checkbox"/> Petiole: length	medium to long	medium	medium to long
<input type="checkbox"/> Leaf: length	medium (10-15cm)	short (5-10cm)	long (15-20cm)
<input type="checkbox"/> Leaf: width at widest point	broad (15-20cm)	medium (10-15cm)	medium (10-15cm)
<input type="checkbox"/> Leaf: attitude to stem	semi-erect	semi-erect to horizontal	semi-erect
<input type="checkbox"/> Leaf: curvature of margin	smoothly recurved, under surface on either side of the mid-vein partly exposed	smoothly recurved, under surface on either side of the mid-vein partly exposed	smoothly recurved, under surface on either side of the mid-vein partly exposed
<input type="checkbox"/> Leaf: colour of upper side (including hairs)	dark green	dark green	dark green
<input type="checkbox"/> Leaf: colour of lower side (including hairs)	medium green	medium green	medium green
<input type="checkbox"/> Leaf: degree of hairiness on upper side	weak	weak	weak
<input type="checkbox"/> Leaf: degree of hairiness on lower side	strong	strong	strong

<input type="checkbox"/> Leaf: colour of hairiness on lower side	white	white	white
<input type="checkbox"/> Leaf: undulation of margin	very weak	very weak	very weak
<input type="checkbox"/> Leaf: division of blade	some or all leaves on plant divided	some or all leaves on plant divided	some or all leaves on plant divided
<input type="checkbox"/> Leaf: shape of blade outline (varieties with division of blade absent only)	n/a	n/a	n/a
<input type="checkbox"/> Leaf: degree of division of blade (varieties with division of blade present only)	third order	third order	third order
<input type="checkbox"/> Leaf: depth of division of blade (varieties with division of blade present only)	sinus greater than two thirds of way to midrib	sinus greater than two thirds of way to midrib	sinus greater than two thirds of way to midrib
<input type="checkbox"/> Leaf: number of lobes (varieties with division of blade present only)	medium	medium	medium
<input type="checkbox"/> Leaf: regularity of lobing (varieties with division of blade present only)	regular	regular	regular
<input type="checkbox"/> Leaf: attitude of longitudinal axis of lobes to longitudinal axis of midrib (varieties with division of blade present only)	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Leaf: attitude of longitudinal axis of lobes to one another on same side of leaf (varieties with division of blade present only)	parallel	parallel	parallel
<input type="checkbox"/> Leaf: shape of apex of sinus (varieties with division of blade present only)	pointed	pointed	pointed
<input type="checkbox"/> Leaf: width of sinus (rounded and flattened sinus only) (varieties with division of blade present only)	narrow to medium	medium	medium to broad
<input type="checkbox"/> Lobe: length (varieties with division of blade present only)	medium to long	medium	short to medium
<input type="checkbox"/> Lobe: width (varieties with division of blade present only)	very narrow to narrow	narrow	narrow to medium
<input type="checkbox"/> Lobe: shape of apex of ultimate lobe (varieties with division of blade present only)	pointed	pointed	pointed
<input type="checkbox"/> Leaf: shape of apex outline (varieties with division of blade absent only)	n/a	n/a	n/a

<input type="checkbox"/>	Flowering branch: position of inflorescence	terminal only	terminal only	terminal only
<input type="checkbox"/>	Inflorescence: length	short to medium	short to medium	medium to long
<input type="checkbox"/>	Inflorescence: width	medium	medium	medium to broad
<input checked="" type="checkbox"/>	Inflorescence: predominant colour	orange	red	white
<input type="checkbox"/>	Inflorescence: density of florets	dense	dense	dense
<input type="checkbox"/>	Inflorescence: number of flowers	many to very many	many to very many	many
<input type="checkbox"/>	Inflorescence: attitude	horizontal to semi-drooping	horizontal to semi-drooping	horizontal to semi-drooping
<input type="checkbox"/>	Inflorescence: form	secund	secund	cylindrical
<input type="checkbox"/>	Inflorescence: branching	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Inflorescence: sequence of opening of the flowers	centripetal	centripetal	centripetal
<input type="checkbox"/>	Rachis: length	short to medium	medium	medium to long
<input checked="" type="checkbox"/>	Bud: colour of perianth	green	green	white
<input type="checkbox"/>	Bud: colour of limb	green	green	green
<input type="checkbox"/>	Bud: attitude of limb in relation to longitudinal axis of bud (late bud prior to anthesis)	upright	upright	upright
<input type="checkbox"/>	Flower: attitude of pedicel in relation to rachis	perpendicular	perpendicular	perpendicular
<input type="checkbox"/>	Flower: length of pedicel	short	medium	short to medium
<input checked="" type="checkbox"/>	Perianth: colour	orange	red	white
<input checked="" type="checkbox"/>	Perianth: degree of hairiness (outside of perianth including limb)	absent or very weak	medium to strong	strong
<input type="checkbox"/>	Perianth: colour of hairs	n/a	white	n/a
<input type="checkbox"/>	Perianth: length	medium	medium	medium to long
<input type="checkbox"/>	Perianth: width	medium	medium	medium to broad
<input type="checkbox"/>	Perianth: coherence of tepals on dorsal side	greater than two thirds	greater than two thirds	greater than two thirds
<input type="checkbox"/>	Perianth: coherence of tepals on ventral side	less than one third	less than one third	less than one third
<input type="checkbox"/>	Tepal: flanging at margin	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Nectary: colour	orange	green	white
<input checked="" type="checkbox"/>	Ovary: colour	green	green	white
<input type="checkbox"/>	Ovary: hairiness	strong to very strong	very strong	very strong

<input checked="" type="checkbox"/>	Style: colour	orange (RHS 29A)	red (RHS 53B)	white (RHS 157 A-B)
<input type="checkbox"/>	Style: curvature (after anthesis before dehiscence of perianth)	gently curved	gently curved	gently curved
<input type="checkbox"/>	Style: position of curve	continuous along length	continuous along length	continuous along length
<input type="checkbox"/>	Style: hairiness	absent or very weak	absent or very weak	weak
<input type="checkbox"/>	Style: position of hairs	concentrated towards ovary end	concentrated towards ovary end	concentrated towards ovary end
<input type="checkbox"/>	Pistil: length	medium	medium	short to medium
<input type="checkbox"/>	Pistil: length in relation to length of perianth	much longer	much longer	moderately longer
<input checked="" type="checkbox"/>	Stigma: colour	yellow	pink	green
<input type="checkbox"/>	Pollen presenter: attitude to style	oblique	oblique	oblique
<input checked="" type="checkbox"/>	Pollen presenter: colour	yellow	white	green
<input type="checkbox"/>	Pollen presenter: concurrence with style	present	present	present
<input type="checkbox"/>	Pollen presenter: shape	dome	dome	dome
<input type="checkbox"/>	Pollen: colour	yellow	yellow	yellow

### **Prior Applications and Sales**

Prior applications nil. First sold in Australia in Apr 2008.

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

**Details of Application**

<b>Application Number</b>	2009/009
<b>Variety Name</b>	'G-2'
<b>Genus Species</b>	<i>Megathyrsus maximus</i> (syn. <i>Panicum maximum</i> )
<b>Common Name</b>	Guinea grass
<b>Synonym</b>	
<b>Accepted Date</b>	03 Feb 2009
<b>Applicant</b>	GeneGro Pty Ltd, Alexandra Hills, QLD
<b>Agent</b>	
<b>Qualified Person</b>	Donald S. Loch, (Alexandra Hills, QLD)

**Details of Comparative Trial**

<b>Location</b>	Cleveland, QLD (Latitude 27°31'S, longitude 153°15'E, elevation 75 masl)
<b>Descriptor</b>	Grass (General descriptor for grasses) PBR GRAS
<b>Period</b>	16 Nov 2008 – 26 Feb 2009
<b>Conditions</b>	Seed sown on 16 Nov 2008; seedlings transplanted individually into 40 x 40 mm tubes (one per tube) on 30 Nov 2008. Seedlings planted out as a spaced plants (0.6 m between plants within rows, 1.5 m between rows) on a red volcanic (krasnozem) soil on 18 Dec 2008; weed control by pre-emergence oxadiazon at time of planting; applied mixed fertiliser (N:P:K:S = 15.4:3.0:11.0:15.4) on 16 Dec 2008 to give 99 kg N, 19 kg P, 70 kg K, and 99 kg S per hectare; supplementary irrigation applied as required to maintain unstressed growth.
<b>Trial Design</b>	30 spaced plants of each of 5 cultivars ('G-2', 'Natsukaze', 'Makueni', 'Gatton', 'Petrie') arranged in 6 randomised blocks (rows) with 5 plants per plot; 1.5 m between blocks (rows) and 0.6 m between plants within blocks.
<b>Measurements</b>	Days to flowering after field planting determined for each plant (16 Jan – 9 Feb 2009); one reproductive culm per plant sampled to measure stem, leaf and inflorescence characteristics (23-26 Feb 2009); culm stem diameter calculated by averaging the diameters of the second lowest internode and the top internode (i.e. below the peduncle).
<b>RHS Chart - edition</b>	2001 edition

**Origin and Breeding**

'G-2' was discovered as an aberrant leafy plant with long, soft leaves in an isolated plot of 'Natsukaze' Guinea grass growing at the breeder's home in Gympie (QLD) in Dec 1999. While 'G-2' appears to have resulted from sexual reproduction in the (normally) apomictic 'Natsukaze', it has remained true-to-type throughout >4 cycles of seed multiplication at Sheldon and Walkamin during 2003-08. The original plant has maintained a strong vigorous perennial growth habit for >8 years, unlike the parent 'Natsukaze' which is a short-lived perennial that loses vigour in the second year after planting. Breeder: Dr David C. Loch.

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



Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	time of flowering	very early or early (day-neutral response)

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

Name	Comments
‘Natsukaze’	Early flowering Japanese cultivar; parental genotype.
‘Gatton’	Gatton panic; widely sown very early flowering cultivar.
‘Petrie’	Green panic; widely sown very early flowering cultivar.
‘Makueni’	Early flowering East African cultivar no longer commercially available.

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Riversdale’	Flower time of flowering	early	late
‘Tanzânia-1’	Flower time of flowering	early	late
‘Vencedor’	Flower time of flowering	early	late
‘TD-58’	Flower time of flowering	early	late
‘Mombaça’	Flower time of flowering	early	late
‘Hamil’	Flower time of flowering	early	very late
‘Colonião’	Flower time of flowering	early	very late
‘Natsuyutaka’	Flower time of flowering	early	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	‘G-2’	‘Gatton’	‘Petrie’	‘Makueni’	‘Natsukaze’
<input type="checkbox"/> Plant: ploidy	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: life-cycle	perennial	perennial	perennial	perennial	perennial
<input checked="" type="checkbox"/> Plant: duration of life-cycle (perennials only)	long	long	long	long	short
<input type="checkbox"/> Plant: growth habit	tufted	tufted	tufted	tufted	tufted
<input type="checkbox"/> Plant: stolons	absent	absent	absent	absent	absent
<input type="checkbox"/> Plant: rhizomes	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Culm: length	medium	short	very short to short	medium	medium to long
<input checked="" type="checkbox"/> Culm: width	medium	narrow	narrow	medium	broad
<input checked="" type="checkbox"/> Culm: number of internodes	very few to few	medium	medium	very few to few	medium to many
<input type="checkbox"/> Culm: node pubescence	present	present	present	present	present
<input checked="" type="checkbox"/> Culm: extent of pubescence of nodes	strong	weak	medium	strong	strong
<input checked="" type="checkbox"/> Culm: stem	present	absent	present	present	present

## pubescence

<input checked="" type="checkbox"/>	Culm: extent of pubescence of stem	medium		weak	medium	medium
<input type="checkbox"/>	Peduncle: length	long to very long	short to medium	short to medium	long to very long	medium to long
<input checked="" type="checkbox"/>	Peduncle: width	medium to broad	narrow	narrow to medium	medium to broad	medium to broad
<input checked="" type="checkbox"/>	Culm: leaf colour (RHS colour chart)	brown green N137D	dark green N137A	brown green 137B-C	brown green 137B	brown green N137B
<input checked="" type="checkbox"/>	Culm: leaf blade surface	papillose	smooth	smooth	papillose	papillose
<input type="checkbox"/>	Culm: leaf blade vernation	convolute	convolute	convolute	convolute	convolute
<input type="checkbox"/>	Culm: blade margin	scabrous	scabrous	scabrous	scabrous	scabrous
<input type="checkbox"/>	Culm: leaf sheath auricle	absent	absent	absent	absent	absent
<input type="checkbox"/>	Culm: ligule	present	present	present	present	present
<input checked="" type="checkbox"/>	Culm: ligule structure	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliolate membrane (apical hairs shorter than membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)
<input checked="" type="checkbox"/>	Collar: colour	lighter than leaf sheath	lighter than leaf sheath	lighter than leaf sheath	lighter than leaf sheath	same as leaf sheath
<input checked="" type="checkbox"/>	Collar: hairiness	present	absent	absent	present	absent
<input type="checkbox"/>	Culm: flag leaf length	long	very short to short	short	long	short to medium
<input checked="" type="checkbox"/>	Culm: flag leaf width	medium	very narrow to narrow	very narrow to narrow	medium	broad to very broad
<input type="checkbox"/>	Culm: flag leaf shape	lanceolate	lanceolate	lanceolate	lanceolate	lanceolate
<input checked="" type="checkbox"/>	Culm: flag leaf sheath length	long	very short to short	short to medium	long	short
<input checked="" type="checkbox"/>	Culm: leaf sheath length	long	very short to short	short to medium	long	short
<input checked="" type="checkbox"/>	Culm: pubescence of leaf sheath	present	absent	present	present	present
<input type="checkbox"/>	Culm: extent of pubescence on leaf sheath	strong		strong	strong	strong
<input type="checkbox"/>	Culm: distribution of pubescence on leaf sheath	full		full	full	full
<input checked="" type="checkbox"/>	Culm: leaf blade length	long	very short to short	short	long	short to medium

<input checked="" type="checkbox"/>	Culm: leaf blade width	narrow to medium	narrow	narrow	narrow to medium	broad to very broad
<input type="checkbox"/>	Culm: leaf shape	lanceolate	lanceolate	lanceolate	lanceolate	lanceolate
<input type="checkbox"/>	Culm: leaf blade glaucosity	absent	absent	absent	absent	absent
<input type="checkbox"/>	Culm: shape of leaf apex	narrow acute	narrow acute	narrow acute	narrow acute	narrow acute
<input checked="" type="checkbox"/>	Culm: leaf blade pubescence	present	absent	present	present	present
<input checked="" type="checkbox"/>	Culm: extent of pubescence on leaf blade	strong		weak	medium	strong
<input checked="" type="checkbox"/>	Culm: distribution of leaf blade pubescence	both sides		both sides	both sides	both sides
<input type="checkbox"/>	Plant: sex expression	hermaphrodite	hermaphrodite	hermaphrodite	hermaphrodite	hermaphrodite
<input type="checkbox"/>	Inflorescence: type	panicle	panicle	panicle	panicle	panicle
<input type="checkbox"/>	Inflorescence: disposition of racemes	borne on a central axis	borne on a central axis	borne on a central axis	borne on a central axis	borne on a central axis
<input type="checkbox"/>	Inflorescence: number of racemes	many	many	many	many	many
<input type="checkbox"/>	Inflorescence: male sterility	absent	absent	absent	absent	absent
<input type="checkbox"/>	Inflorescence: average number of spikes	more than four	more than four	more than four	more than four	more than four
<input checked="" type="checkbox"/>	Stigma: colour	red-purple	purple	red-purple	purple	purple
<input type="checkbox"/>	Awns: presence	absent	absent	absent	absent	absent

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

<b>Organ/Plant Part: Context</b>	<b>‘G-2’</b>	<b>‘Gatton’</b>	<b>‘Petrie’</b>	<b>‘Makueni’</b>	<b>‘Natsukaze’</b>
<input checked="" type="checkbox"/> Culm: leaf pubescence	very soft		soft	soft	very soft
<input checked="" type="checkbox"/> Culm: colour of basal stem within tussock	brown green 146D	brown green 137D	brown green 146D	brown green 146D	brown green 146D

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘G-2’</b>	<b>‘Gatton’</b>	<b>‘Petrie’</b>	<b>‘Makueni’</b>	<b>‘Natsukaze’</b>
<input checked="" type="checkbox"/> Culm: length of mature culm (cm)					
Mean	180.20	156.22	145.08	178.02	195.65
Std. Deviation	14.74	13.13	10.72	20.03	12.52

LSD/sig	8.82	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: number of mature culm nodes (excluding peduncle and plant base)					
Mean	3.47	5.02	4.72	3.37	5.98
Std. Deviation	0.60	0.47	0.61	0.66	0.47
LSD/sig	0.40	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: mean stem diameter of culm excluding peduncle (mm)					
Mean	4.30	3.72	3.81	4.31	5.49
Std. Deviation	0.32	0.40	0.40	0.35	0.48
LSD/sig	0.27	P≤0.01	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Culm: length of peduncle on flowering culms (mm)					
Mean	906.73	578.83	556.53	895.82	703.88
Std. Deviation	153.07	80.84	64.99	149.04	60.62
LSD/sig	63.85	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: diameter of peduncle on flowering culms (mm)					
Mean	2.53	1.57	1.80	2.53	2.59
Std. Deviation	0.26	0.19	0.28	0.26	0.28
LSD/sig	0.17	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Culm: length of flag leaf sheath on flowering culms (mm)					
Mean	399.63	269.63	293.15	409.17	304.77
Std. Deviation	26.45	30.30	24.09	25.19	23.59
LSD/sig	16.92	P≤0.01	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Culm: length of blade on flag leaf on flowering culms (mm)					
Mean	498.45	177.93	230.23	466.85	287.17
Std. Deviation	76.33	45.20	53.38	66.95	54.73
LSD/sig	40.36	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: width of blade on flag leaf on flowering culms (mm)					
Mean	21.54	13.13	13.47	20.38	26.72
Std. Deviation	3.65	2.99	2.85	3.67	5.77
LSD/sig	2.78	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: length:width ratio of blade on flag leaf on flowering culms					
Mean	23.42	13.83	17.39	23.20	10.98
Std. Deviation	3.51	3.42	3.83	2.93	2.03
LSD/sig	1.86	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: length of sheath on first leaf below flag leaf on flowering culms (mm)					
Mean	236.18	144.40	169.57	243.32	157.92
Std. Deviation	16.59	16.32	16.08	19.52	16.65
LSD/sig	9.85	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: length of blade on first leaf below flag leaf on flowering culms (mm)					
Mean	731.33	327.37	362.30	722.92	487.70
Std. Deviation	78.37	59.36	60.13	84.94	57.94
LSD/sig	44.49	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: width of blade on first leaf below flag leaf on flowering culms (mm)					
Mean	18.88	15.44	15.14	19.70	25.74
Std. Deviation	3.01	2.63	2.53	2.73	4.03
LSD/sig	2.20	P≤0.01	P≤0.01	ns	P≤0.01

☐	Culm: length:width ratio of blade on first leaf below flag leaf on flowering culms					
Mean	39.61	21.48	24.38	37.42	19.39	
Std. Deviation	7.01	3.76	4.73	7.02	3.81	
LSD/sig	3.72	P≤0.01	P≤0.01	ns	P≤0.01	
☑	Inflorescence: length of panicle (mm)					
Mean	444.72	272.82	285.42	436.53	358.30	
Std. Deviation	29.95	22.46	30.68	33.31	21.22	
LSD/sig	20.65	P≤0.01	P≤0.01	ns	P≤0.01	
☑	Flower: days after sowing to first flowering					
Mean	76.87	63.63	65.95	72.69	71.07	
Std. Deviation	2.18	3.11	1.94	1.55	1.55	
LSD/sig	3.60	P≤0.01	P≤0.01	P≤0.01	P≤0.01	

### **Prior Applications and Sales**

Nil

Description: **Donald S. Loch** (Alexandra Hills, QLD)

**Details of Application**

<b>Application Number</b>	2005/225
<b>Variety Name</b>	'Goldenlighthouse'
<b>Genus Species</b>	<i>Banksia spinulosa</i> var. <i>collina</i>
<b>Common Name</b>	Hairpin Banksia
<b>Synonym</b>	N/A
<b>Accepted Date</b>	20 Dec 2005
<b>Applicant</b>	Judith Ann Geary, Bega Garden Nursery, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Judith Geary

**Details of Comparative Trial**

<b>Location</b>	Bega Garden Nursery, NSW
<b>Descriptor</b>	National Descriptor - Banksia
<b>Period</b>	2005 – 2010
<b>Conditions</b>	Open nursery situation. Plants watered by standard nursery stock methods. All plants were vegetatively propagated and advanced tube stock potted into pots using a pine bark based "protea mix" with controlled release low P fertiliser and with additional K being applied in liquid form.
<b>Trial Design</b>	Twelve pots each of the candidate and comparator were aligned in a randomised pattern.
<b>Measurements</b>	Measurements from ten plants of each variety with leaf samples being taken at the same point on stems with every plant. Conflorescence measurements were taken from four samples.
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

Seedling selection: *Banksia spinulosa* 'Goldenlighthouse' was originated as an open-pollinated seedling of *B. spinulosa* var *collina* and a unidentified Banksia as a pollen parent were selected under cultivation from tube stock planted in 2000. Propagation from these plants was vegetatively (flowers are sterile) two batches of cuttings were grown. It has subsequently been propagated vegetatively for seven generations without the occurrence of any off types. All showing the same growth habit and flowering through the field trial. Breeding and selection were conducted by Judith Geary at Bega Garden Nursery, NSW

**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	presence of lignotuber	present
Leaf	width at widest point	narrow
Leaf	colour of upper side	medium green
Leaf	shape of apex of sinus	rounded
Conflorescence	attitude	erect

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

Name	Comments
<i>Banksia spinulosa</i> var. <i>collina</i> gold form 'Carnarvon Gold'	This is also a <i>Banksia spinulosa</i> var. <i>collina</i> variety.

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Giant Candles'			Similar flower size but different species.

**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	'Goldenlighthouse'	<i>Banksia spinulosa</i> var. <i>collina</i>	'Carnarvon Gold'
<input checked="" type="checkbox"/> Plant: growth habit	upright	bushy	upright
<input checked="" type="checkbox"/> Plant: height	medium (1-3m)	short (< 1m)	tall (> 3m)
<input type="checkbox"/> Plant: attitude of branches	erect to semi-erect	semi-erect	erect
<input checked="" type="checkbox"/> Plant: density of leaves on branchlets	medium	dense	sparse
<input type="checkbox"/> Plant: presence of lignotuber	present	present	present
<input type="checkbox"/> Branchlet: colour	greyed purple	brown	brown
<input type="checkbox"/> Branchlet: presence of hairiness	present	absent	present
<input type="checkbox"/> Branchlet: degree of hairiness	weak	very weak	very weak
<input checked="" type="checkbox"/> Leaf: length (sample leaf from middle part of branchlet)	medium	short to medium	long
<input type="checkbox"/> Leaf: width at widest point (sample leaf from middle part of branchlet)	narrow	narrow	narrow
<input type="checkbox"/> Leaf: attitude to branchlet	erect to semi-erect	semi-erect to horizontal	erect to semi-erect
<input type="checkbox"/> Leaf: curvature of margin	flat or slightly recurved	flat or slightly recurved	flat or slightly recurved
<input type="checkbox"/> Leaf: colour of upper side (including hairs)	medium green	medium green	medium green
<input type="checkbox"/> Leaf: colour of lower side (including hairs)	white	white	white
<input type="checkbox"/> Leaf: density of hairiness on upper side	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaf: density of hairiness on lower side	absent or very sparse	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> Leaf: undulation of margin	very strong	strong	weak
<input type="checkbox"/> Leaf: shape of blade outline	linear	linear	linear
<input type="checkbox"/> Leaf: shape of apex of sinus	rounded	rounded	rounded

<input type="checkbox"/>	Leaf: shape of apex outline (varieties with division of blade absent only)	truncate	truncate	truncate
<input checked="" type="checkbox"/>	Conflorescence: length	very long	short	medium
<input checked="" type="checkbox"/>	Conflorescence: width	medium	narrow	narrow
<input type="checkbox"/>	Conflorescence: predominant colour (all flowers in conflorescence at anthesis)	yellow	yellow	yellow
<input type="checkbox"/>	Conflorescence: attitude	erect	erect	erect
<input type="checkbox"/>	Conflorescence: shape	cylindrical	cylindrical	cylindrical
<input type="checkbox"/>	Conflorescence: sequence of opening of the flowers	synchronous	synchronous	synchronous
<input type="checkbox"/>	Conflorescence: predominant position in relation to foliage	level	below	level
<input type="checkbox"/>	Bud: colour of limb	yellow	orange	yellow
<input type="checkbox"/>	Style: colour before anthesis (RHS colour chart)	yellow orange RHS 16A	orange RHS 24A	yellow green RHS 1C
<input type="checkbox"/>	Style: colour just after anthesis (RHS colour chart)	yellow RHS 9A	yellow RHS 2A	light yellow RHS 12D

### **Prior Applications and Sales**

Nil.

Description: **Judith Geary**, Bega Garden Nursery, NSW



**Details of Application**

<b>Application Number</b>	2000/273
<b>Variety Name</b>	'ML 99'
<b>Genus Species</b>	<i>Medicago sativa</i>
<b>Common Name</b>	Lucerne
<b>Synonym</b>	
<b>Accepted Date</b>	31 Aug 2000
<b>Applicant</b>	Pasture Genetics Pty Ltd, Adelaide, SA.
<b>Agent</b>	
<b>Qualified Person</b>	Ross Downes

**Details of Comparative Trial**

<b>Location</b>	Adelaide, SA
<b>Descriptor</b>	Lucerne ( <i>Medicago sativa</i> ) TG/6/5
<b>Period</b>	Winter, spring 2009
<b>Conditions</b>	Irrigated
<b>Trial Design</b>	Randomised block
<b>Measurements</b>	Plots of 10 square metres were sown in autumn 2009. Two generations of ML 99 were sown along with the variety Multi8 for comparative multileaf assessment. Sardi 10 was also sown as a comparator for comparative assessment of winter activity. Data were collected from two replications with thirty plants sampled at random from each plot (sixty samples per variety). In November 2009 data were collected on number of multileaves per stem (multileaf being four or more leaflets per leaf) and number of leaves per stem. On 7 December plants were sampled a second time to determine number of stems with and without multileaves. Plants were also measured to determine stem length after flowering. Flower colour was recorded as light, medium and dark blue. Pod numbers were recorded on all stems sampled. Plots were cut on 7 March 2010 and height of sixty plants per entry was recorded on 6 April 2010 to provide an indication of winter dormancy/activity.

**RHS Chart - edition****Origin and Breeding**

Recurrent Selection: Intense selection for multifoliate expression at seedling stage from US germplasm '8G519' in 1998, and intercrossing of selections in 1999. Intense selection for multifoliate expression within and between families in 1999. In 2000, intercrossing of selections was done to produce breeder's seed. At the time of selection, 'ML 99' has 95% of its plants had multifoliate expression where as the parental material had only approximately 45% of plants that had multifoliate expression. Breeder: Dr I Kaehne.

**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	multifoliate	medium - high
Plant	winter-activity	high

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

Name	Comments
'FG 8G519'	Parent, winter activity 8, multileaf type
'Multi-8'	Winter activity 8, multileaf type
'Sardi 10'	Winter activity 10, not multileaf

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

**Statistical Table**

Organ/Plant Part: Context	'ML 99'	'Multi-8'	'Sardi 10'
<input type="checkbox"/> Plant: stem length in spring (cm)			
Mean	69.50	68.90	
Std. Deviation	9.30	8.80	
LSD/sig	3.9	ns	
<input checked="" type="checkbox"/> Leaf: multileaf (number per stem)			
Mean	4.17	2.72	
Std. Deviation	3.45	3.44	
LSD/sig	1.04	P≤0.01	
<input checked="" type="checkbox"/> Stem: length (autumn) (cm)			
Mean	55.00	51.30	53.00
Std. Deviation	6.70	8.50	8.60
LSD/sig	3.4	P≤0.01	ns
<input checked="" type="checkbox"/> Frequency of plants with multileaves (%)			
Mean	75.0	47.50	
Std. Deviation	6.40	10.3	
LSD/sig	17.5	P≤0.01	
<input checked="" type="checkbox"/> Frequency of plants with multileaves (%) (arcsine transformed)			
Mean	60.1	43.50	
Std. Deviation	4.10	6.0	
LSD/sig	11.2	P≤0.01	
<input type="checkbox"/> No. of pods/stem			
Mean	7.40	8.60	
Std. Deviation	9.00	11.20	
LSD/sig	4.3	ns	

**Prior Applications and Sales**

Nil

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

**Details of Application**

<b>Application Number</b>	2009/355
<b>Variety Name</b>	'Sogo F-1314'
<b>Genus Species</b>	<i>Phalaenopsis</i> hybrid
<b>Common Name</b>	Moth Orchid
<b>Synonym</b>	N/A
<b>Accepted Date</b>	
<b>Applicant</b>	Feng Chiang Kuei, Taiwan
<b>Agent</b>	Flora International Pty Ltd, Leppington, NSW
<b>Qualified Person</b>	Ian Paananen, Central Coast, NSW

**Details of Comparative Trial**

<b>Overseas Testing</b>	CPVO
<b>Authority</b>	
<b>Overseas Data</b>	2008/2188
<b>Reference Number</b>	
<b>Location</b>	Leppington, NSW
<b>Descriptor</b>	Phalaenopsis ( <i>Phalaenopsis</i> ) TG/213/1
<b>Period</b>	Jan - May 2010
<b>Conditions</b>	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions including cool period for flower induction during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Naktuinbouw, Roelofarendsveen, the Netherlands. Plant nutrition using standard commercial practice, pest and disease treatments applied as required.
<b>Trial Design</b>	Completely random selection from commercial crop.
<b>Measurements</b>	One per plant.
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

**Controlled pollination:** seed parent 'Rong Guan Amah' x pollen parent 'Timothy Christopher', in a planned breeding program at Jiyang, Meinong Kaohsiung County, Taiwan during the years 2002 to 2004. The seed parent is characterized by a medium flower diameter and a very short inflorescence height and the pollen parent is characterized by a narrow flower diameter and a very short inflorescence height. Selection criteria: desirable flower colour and very small plant size. Propagation: vegetative by micropropagation. 2002 to 2004: hybridization of parent lines; pod harvest; laboratory inoculation and seed germination and growth; nursery deflasking and growth; 2005: selection of single plant based on flower colour and miniature plant form. 2005-present: continued asexual propagation and pilot commercial trials; virus testing and commercial multiplication. Breeder: Feng Chiang Kuei, Jiyang, Meinong Kaohsiung County, Taiwan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	size	very small
Leaf	shape	Elliptic
Flower	fragrance	Absent

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

Name	Comments
'Timothy Christopher'	Parent variety; also known as SOGO F1777.

### Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Candidate Variety	Comments
Sogo	flower  Shape of petal	Close to rhomboid	Shape of Semi-circular	
Manta	flower  Shape of petal	Close to rhomboid	Shape of Semi-circular	
Sogo	flower  Shape of petal	Close to rhomboid	Shape of Semi-circular	
Amaglad	flower  Shape of petal	Close to rhomboid	Shape of Semi-circular	

### 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	'Sogo F-1314'	'Timothy Christopher'
<input type="checkbox"/> *Plant: size	very small	Very small
<input checked="" type="checkbox"/> *Leaf: length	medium	short
<input type="checkbox"/> *Leaf: width	narrow to medium	narrow to medium
<input type="checkbox"/> *Leaf: shape	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	obtuse	obtuse
<input type="checkbox"/> Leaf: symmetry of apex	asymmetric	asymmetric
<input type="checkbox"/> Leaf: attitude	semi-erect to horizontal	semi-erect
<input type="checkbox"/> Leaf: colour of upper side	medium green	medium green
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Inflorescence: type	raceme	raceme
<input type="checkbox"/> *Inflorescence: length	short to medium	short
<input type="checkbox"/> *Inflorescence: number of flowers	medium	medium
<input type="checkbox"/> *Peduncle: length	short to medium	short to medium
<input type="checkbox"/> Peduncle: thickness	thin	very thin to thin
<input type="checkbox"/> Peduncle: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Flower: general appearance of petals and sepals	spreading	spreading
<input type="checkbox"/> Flower: texture of the surface of sepals and petals	smooth	smooth
<input checked="" type="checkbox"/> *Flower: length in front view	very short	short
<input checked="" type="checkbox"/> *Flower: width in front view	very narrow	narrow

<input checked="" type="checkbox"/>	*Flower: arrangement of petals	open	touching
<input type="checkbox"/>	Flower: fragrance	absent	absent
<input type="checkbox"/>	*Sepal: shape	elliptic	elliptic
<input checked="" type="checkbox"/>	*Sepal: length	very short	short
<input type="checkbox"/>	*Sepal: width	very narrow to narrow	narrow
<input checked="" type="checkbox"/>	*Sepal: curvature of longitudinal axis	straight	incurving
<input checked="" type="checkbox"/>	Sepal: cross section	straight	concave
<input type="checkbox"/>	Sepal: twisting	absent	absent
<input type="checkbox"/>	*Sepal: undulation of margin	absent	absent
<input type="checkbox"/>	*Dorsal sepal: number of colours	one	one
<input type="checkbox"/>	*Dorsal sepal: colour pattern	evenly coloured	evenly coloured
<input type="checkbox"/>	*Dorsal sepal: main colour (RHS colour chart)	white N155D	white N155D
<input checked="" type="checkbox"/>	*Lateral sepal: number of colours	one	two
<input checked="" type="checkbox"/>	*Lateral sepal: colour pattern	evenly coloured	spotted
<input type="checkbox"/>	*Lateral sepal: main colour (RHS colour chart)	white N155D	white N155D
<input type="checkbox"/>	*Petal: shape	ovate	ovate
<input type="checkbox"/>	*Petal: length	very short to short	short
<input type="checkbox"/>	*Petal: width	very narrow to narrow	narrow
<input type="checkbox"/>	*Petal: curvature of longitudinal axis	straight	straight
<input type="checkbox"/>	Petal: shape in cross section	flat	flat
<input type="checkbox"/>	Petal: twisting	absent	absent
<input type="checkbox"/>	Petal: undulation of margin	absent	absent
<input type="checkbox"/>	*Petal: number of colours	one	one
<input type="checkbox"/>	*Petal: colour pattern	evenly coloured	evenly coloured
<input type="checkbox"/>	*Petal: main colour (RHS colour chart)	white N155D	white N155D
<input type="checkbox"/>	*Lip: length of apical lobe	short	short
<input type="checkbox"/>	*Lip: width of apical lobe	narrow	narrow
<input type="checkbox"/>	*Lip: presence of whiskers	present	present
<input type="checkbox"/>	Lip: length of whiskers relative to length of apical lobe	very short to short	short
<input type="checkbox"/>	*Lip: shape of apical lobe	ovate	ovate
<input type="checkbox"/>	Lip: bump and ridge on apical lobe	present	present
<input type="checkbox"/>	*Lip: type of shape of lateral lobe	type V	type V
<input checked="" type="checkbox"/>	*Lip: type of curvature of lateral lobe	type II	type I

<input type="checkbox"/>	*Lip: size of lateral lobe relative to apical lobe	smaller	smaller
<input checked="" type="checkbox"/>	*Lip: number of colours	two	three
<input type="checkbox"/>	*Lip: colour pattern of apical lobe	spotted	spotted
<input checked="" type="checkbox"/>	*Lip: main colour of apical lobe (RHS colour chart)	white N155D	white 155A
<input checked="" type="checkbox"/>	*Lip: colour of pattern of apical lobe (RHS colour chart)	ca dark purple red 060B	light blue violet 076B
<input type="checkbox"/>	*Lip: colour pattern of lateral lobe	striped	striped
<input checked="" type="checkbox"/>	*Lip: main colour of lateral lobe (RHS colour chart)	white N155D	white 155A
<input checked="" type="checkbox"/>	*Lip: colour of pattern of lateral lobe (RHS colour chart)	dark purple red 060B	light blue violet 076B
<input type="checkbox"/>	Lip: callus	prominent	prominent
<input type="checkbox"/>	Lip: pubescence	absent	absent
<input checked="" type="checkbox"/>	Column: colour of apex (RHS colour chart)	white N155D	light yellow brown 159A

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2008	pending	'SOGO F1314

First sold in Germany 2008

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

**Details of Application**

<b>Application Number</b>	2009/354
<b>Variety Name</b>	'Sogo F-1774'
<b>Genus Species</b>	<i>Phalaenopsis</i> hybrid
<b>Common Name</b>	Moth Orchid
<b>Synonym</b>	N/A
<b>Accepted Date</b>	
<b>Applicant</b>	Feng Chiang Kuei
<b>Agent</b>	Flora International Pty Ltd
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Overseas Testing</b>	CPVO
<b>Authority</b>	
<b>Overseas Data</b>	2007/1063
<b>Reference Number</b>	
<b>Location</b>	Leppington, NSW
<b>Descriptor</b>	Phalaenopsis ( <i>Phalaenopsis</i> ) TG/213/1
<b>Period</b>	Jan – May 2010
<b>Conditions</b>	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions including cool period for flower induction during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Plant nutrition using standard commercial practice, pest and disease treatments applied as required.
<b>Trial Design</b>	completely random selection from commercial crop
<b>Measurements</b>	one per plant
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

**Controlled pollination:** seed parent 'An Tai Jade' x pollen parent 'Tzu Chaing Dance', in a planned breeding program at Jiyang, Meinong Kaohsiung County, Taiwan during the years 2002 to 2004. The seed parent is characterized by a yellow green flower colour and a very short inflorescence height and the pollen parent is characterized by a green yellow flower colour and a medium inflorescence height. Selection criteria: desirable flower colour and very small plant size. Propagation: vegetative by micropropagation. 2002 to 2004: hybridization of parent lines; pod harvest; laboratory inoculation and seed germination and growth; nursery deflasking and growth; 2005: selection of single plant based on flower colour and miniature plant form. 2005-present: continued asexual propagation and pilot commercial trials; virus testing and commercial multiplication. Breeder: Feng Chiang Kuei, Jiyang, Meinong Kaohsiung County, Taiwan.

**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>
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Plant	size	very small
Flower	width in front view	narrow
Lip	callus	prominent

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

<b>Name</b>	<b>Comments</b>
'Timothy Christopher'	Also known as SOGO F1777.

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

<b>Variety</b>	<b>Distinguishing Characteristics in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
'Golden Timothy'	Petal main colour white	yellow	Candidate petal colour can look more yellow in northern hemisphere conditions.

### **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>'Sogo F-1774'</b>	<b>'Timothy Christopher'</b>
<input type="checkbox"/> *Plant: size	very small	very small
<input type="checkbox"/> *Leaf: length	short to medium	short
<input type="checkbox"/> *Leaf: width	narrow to medium	narrow to medium
<input type="checkbox"/> *Leaf: shape	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	obtuse	obtuse
<input type="checkbox"/> Leaf: symmetry of apex	asymmetric	asymmetric
<input type="checkbox"/> Leaf: attitude	semi-erect	semi-erect
<input type="checkbox"/> Leaf: colour of upper side	medium green	medium green
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Inflorescence: type	raceme	raceme
<input type="checkbox"/> *Inflorescence: length	short	short
<input type="checkbox"/> *Inflorescence: number of flowers	medium	medium
<input checked="" type="checkbox"/> *Peduncle: length	very short to short	short to medium
<input type="checkbox"/> Peduncle: thickness	very thin to thin	very thin to thin
<input type="checkbox"/> Peduncle: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Flower: general appearance of petals and sepals	spreading	spreading
<input type="checkbox"/> Flower: texture of the surface of sepals and petals	smooth	smooth
<input type="checkbox"/> *Flower: length in front view	very short	short
<input type="checkbox"/> *Flower: width in front view	narrow	narrow
<input checked="" type="checkbox"/> *Flower: arrangement of petals	open	touching



<input type="checkbox"/>	Flower: fragrance	absent	absent
<input type="checkbox"/>	*Sepal: shape	elliptic	elliptic
<input checked="" type="checkbox"/>	*Sepal: length	very short	short
<input checked="" type="checkbox"/>	*Sepal: width	very narrow	narrow
<input checked="" type="checkbox"/>	*Sepal: curvature of longitudinal axis	straight	incurving
<input checked="" type="checkbox"/>	Sepal: cross section	straight	concave
<input type="checkbox"/>	Sepal: twisting	absent	absent
<input type="checkbox"/>	*Sepal: undulation of margin	absent	absent
<input checked="" type="checkbox"/>	*Dorsal sepal: number of colours	two	one
<input checked="" type="checkbox"/>	*Dorsal sepal: colour pattern	shaded and spotted	
<input type="checkbox"/>	*Dorsal sepal: main colour (RHS colour chart)	white N155A	white N155D
<input checked="" type="checkbox"/>	*Dorsal sepal: secondary colour (RHS colour chart)	76B	
<input type="checkbox"/>	*Lateral sepal: number of colours	two	two
<input checked="" type="checkbox"/>	*Lateral sepal: colour pattern	shaded and spotted	spotted
<input type="checkbox"/>	*Lateral sepal: main colour (RHS colour chart)	white N155A	white N155D
<input type="checkbox"/>	*Lateral sepal: secondary colour (RHS colour chart)	76B	76B
<input checked="" type="checkbox"/>	*Petal: shape	rhombic	ovate
<input type="checkbox"/>	*Petal: length	very short to short	short
<input type="checkbox"/>	*Petal: width	very narrow to narrow	narrow
<input type="checkbox"/>	*Petal: curvature of longitudinal axis	straight	straight
<input type="checkbox"/>	Petal: shape in cross section	flat	flat
<input type="checkbox"/>	Petal: twisting	absent	absent
<input type="checkbox"/>	Petal: undulation of margin	absent	absent
<input checked="" type="checkbox"/>	*Petal: number of colours	two	one
<input type="checkbox"/>	*Petal: colour pattern	shaded and spotted	
<input type="checkbox"/>	*Petal: main colour (RHS colour chart)	white N155A	white N155D
<input type="checkbox"/>	*Petal: extent of shade (shaded varieties only)	small to medium	
<input type="checkbox"/>	*Petal: secondary colour (RHS colour chart)	76B	
<input type="checkbox"/>	*Lip: length of apical lobe	very short to short	short
<input type="checkbox"/>	*Lip: width of apical lobe	very narrow to narrow	narrow
<input checked="" type="checkbox"/>	*Lip: presence of whiskers	absent	present
<input type="checkbox"/>	*Lip: shape of apical lobe	ovate	ovate

<input type="checkbox"/>	Lip: bump and ridge on apical lobe	present	present
<input checked="" type="checkbox"/>	*Lip: type of shape of lateral lobe	type IV	type V
<input type="checkbox"/>	*Lip: type of curvature of lateral lobe	type I	type I
<input type="checkbox"/>	*Lip: size of lateral lobe relative to apical lobe	smaller	smaller
<input type="checkbox"/>	*Lip: number of colours	three	three
<input checked="" type="checkbox"/>	*Lip: colour pattern of apical lobe	shaded	spotted
<input type="checkbox"/>	*Lip: main colour of apical lobe (RHS colour chart)	white 155A	white 155A
<input checked="" type="checkbox"/>	*Lip: colour of pattern of apical lobe (RHS colour chart)	164A	76B
<input type="checkbox"/>	*Lip: colour pattern of lateral lobe	striped	striped
<input type="checkbox"/>	*Lip: main colour of lateral lobe (RHS colour chart)	white 155A	white 155A
<input type="checkbox"/>	*Lip: colour of pattern of lateral lobe (RHS colour chart)	light blue violet 076B	light blue violet 076B
<input type="checkbox"/>	Lip: callus	prominent	prominent
<input type="checkbox"/>	Lip: pubescence	absent	absent
<input checked="" type="checkbox"/>	Column: colour of apex (RHS colour chart)	light yellow orange 011D	light yellow brown 159A

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2007	Granted	'SOGO F1774'

First sold in Germany 2006.

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

**Details of Application**

<b>Application Number</b>	2007/050
<b>Variety Name</b>	'One50'
<b>Genus Species</b>	<i>Lolium perenne</i>
<b>Common Name</b>	Perennial Ryegrass
<b>Synonym</b>	
<b>Accepted Date</b>	06 Mar 2007
<b>Applicant</b>	PGG Wrightson Seeds Ltd, New Zealand
<b>Agent</b>	Wrightson Seeds (Australia) Pty Ltd, Laverton, VIC
<b>Qualified Person</b>	Jennifer Ngaire James

**Details of Comparative Trial**

<b>Location</b>	AsureQuality Ltd, Lincoln, Canterbury, New Zealand
<b>Descriptor</b>	Ryegrass (new) ( <i>Lolium</i> spp.) TG/4/8
<b>Period</b>	2007-2009
<b>Conditions</b>	Spaced plants: seeds were sown and seedlings raised in the glasshouse in early Mar, plants transplanted in mid May and received irrigation via sprinkler. Field measurements taken during Jun – Dec 2009.
<b>Trial Design</b>	Randomised spaced plots: 6 replicates of 10 plants per variety. Row plots: 2 replicates of 5 metres with density plants per replicate of 200 plants per metre.
<b>Measurements</b>	All observations on spaced plants (VS and MS) were made on 60 plants or parts taken from each of 60 plants. Observations on rows (VG) were made on each row as a whole (entire) unit.

**RHS Chart - edition****Origin and Breeding**

Recurrent selection" 'One50' was selected for yield, late flowering, disease resistance and uniformity from crosses of elite Spanish and New Zealand breeding lines. The elite breeding lines involved complex crosses of New Zealand germplasm origin selected for performance in the Northland region with selections from North West Spain Germplasm selected in Canterbury, New Zealand. It was initially codenamed "PG150' later named as 'One50'.

**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	heading time	medium to late
Plant	height	medium to tall

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

<b>Name</b>	<b>Comments</b>
'Alto'	
'Aries HD'	
'Arrow'	
'Dobson'	
'Indiana'	

‘Aberdart’  
‘Aberavon’  
‘Tolosa’

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Grasslands Impact’	lemma	awns	absence or trace only	Present but variable
‘Bronsyn’	plant	heading date	late	mid season
Grasslands Samson	plant	heading date	late	mid season
Grasslands Nui	plant	heading date	Late	mid season

### **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	‘One50’	‘Aberavon’	‘Aberdart’	‘Alto’	‘Aries HD’	‘Arrow’	‘Dobson’	‘Indiana’	‘Tolosa’
<input type="checkbox"/> *Plant: ploidy	diploid	diploid	diploid	diploid	diploid	diploid	diploid	diploid	diploid
<input checked="" type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	medium to semi-prostrate	medium	medium	medium	medium	medium to semi-prostrate	medium semi-erect to medium	medium to semi-prostrate	medium
<input checked="" type="checkbox"/> Leaf: length	long	short to medium	short to medium	long	medium to long	long	long	medium to long	medium to long
<input checked="" type="checkbox"/> Leaf: width	medium	narrow to medium	medium	medium	medium	medium to broad	medium	narrow	medium to broad
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium	dark	dark	medium to dark	medium	medium	medium	dark	medium
<input checked="" type="checkbox"/> Plant: width	medium to wide	narrow to medium	medium	medium	medium to medium	narrow to medium	narrow to medium	medium	medium
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium	medium	medium	medium	medium	medium	medium	semi-erect to medium	medium to semi-prostrate
<input type="checkbox"/> Plant: height	medium to tall	medium	medium	medium to tall	medium to tall	tall	medium to tall	medium	medium to tall
<input type="checkbox"/> Plant: natural height at	short to medium	medium	medium	medium	medium	medium	medium	short to medium	short to medium

inflorescence  
emergence

<input type="checkbox"/>	Plant: width at inflorescence emergence	medium to wide	medium	medium	medium	medium	medium	medium	medium to wide	medium to wide
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### Statistical Table

Organ/Plant Part: Context	'One50'	'Aberavon'	'Aberdart'	'Alto'	'Aries HD'	'Arrow'	'Dobson'	'Indiana'	'Tolosa'
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence (days)									
Mean	74.70	86.60	76.70	73.60	65.30	69.20	65.60	66.70	77.00
Std. Deviation	6.83	7.15	8.60	7.48	6.92	6.59	6.43	6.26	6.92
Lsd/sig	2.1	P≤0.01	ns	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: width (mm)									
Mean	5.78	6.16	4.85	5.97	7.84	4.85	6.93	6.11	5.07
Std. Deviation	1.06	0.88	1.15	0.83	1.22	0.89	1.42	1.11	0.85
Lsd/sig	0.69	ns	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: length (mm)									
Mean	113.58	138.08	130.61	134.17	172.60	121.83	163.53	157.25	108.79
Std. Deviation	25.48	26.04	25.48	25.48	33.55	32.48	35.76	29.98	20.63
Lsd/sig	14.81	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Flag leaf: length/width ratio (mm)									
Mean	19.91	22.71	28.00	22.63	22.36	25.47	24.11	26.40	21.91
Std. Deviation	4.27	4.24	4.27	3.86	4.33	6.16	5.60	6.19	4.71
Lsd/sig	3.68	ns	P≤0.01	ns	ns	P≤0.01	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: length of longest stem (mm)									
Mean	701.62	687.00	721.24	683.42	718.17	650.00	685.21	744.59	641.72
Std. Deviation	71.07	69.86	71.07	65.70	65.19	76.85	64.62	77.80	70.04
Lsd/sig	52.65	ns	ns	ns	ns	ns	ns	ns	P≤0.01
<input type="checkbox"/> Plant: length of upper internode (mm)									
Mean	223.08	227.42	247.78	241.00	246.39	229.83	262.85	241.76	200.63
Std. Deviation	37.54	43.09	37.54	35.28	37.56	29.78	35.51	38.01	30.25
Lsd/sig	25.86	ns	ns	ns	ns	ns	P≤0.01	ns	ns
<input type="checkbox"/> Inflorescence: length (mm)									
Mean	207.79	209.92	224.19	198.33	236.60	206.92	210.59	235.14	204.52
Std. Deviation	23.9	29.14	30.99	29.31	29.00	29.51	28.85	32.18	22.72
Lsd/sig	13.88	ns	P≤0.01	ns	P≤0.01	ns	ns	P≤0.01	ns
<input type="checkbox"/> Inflorescence: number of spikelets									
Mean	24.29	31.37	26.54	24.37	26.78	24.95	23.74	28.12	26.10
Std. Deviation	4.21	5.73	4.21	4.23	4.43	3.95	3.12	4.15	3.75
Lsd/sig	2.09	P≤0.01	P≤0.01	ns	P≤0.01	ns	ns	P≤0.01	ns
<input type="checkbox"/> Inflorescence: density(no. of spikelets/length of inflorescence)									
Mean	8.70	6.88	8.59	8.28	8.99	8.45	8.94	8.52	7.95
Std. Deviation	1.43	1.46	1.43	1.24	1.43	1.53	1.13	1.56	1.12
Lsd/sig	0.75	P≤0.01	ns	ns	ns	ns	ns	ns	P≤0.01

☑	Inflorescence: length of outer glume on basal spikelet (mm)									
Mean	10.24	10.19	11.38	11.14	12.79	13.38	12.66	11.98	9.28	
Std. Deviation	1.98	1.95	1.98	2.03	1.96	2.14	1.50	2.77	1.62	
Lsd/sig	1.04	ns	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	
☑	Inflorescence: length of basal spikelet excluding awn (mm)									
Mean	19.90	16.81	18.19	17.70	20.59	18.30	17.51	19.86	18.96	
Std. Deviation	2.39	2.25	2.39	2.86	3.44	2.28	2.32	3.87	3.26	
Lsd/sig	1.71	P≤0.01	P≤0.01	P≤0.01	ns	ns	P≤0.01	ns	ns	

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
New Zealand	2007	Granted	'One50'

First sold in March 2006 in New Zealand.

Description: **Jennifer James**, Palmesrston North, New Zealand

**Details of Application**

<b>Application Number</b>	2008/032
<b>Variety Name</b>	'Konamul'
<b>Genus Species</b>	<i>Alstroemeria</i> hybrid
<b>Common Name</b>	Peruvian Lily
<b>Synonym</b>	Nil
<b>Accepted Date</b>	28 Mar 2008
<b>Applicant</b>	Konst Breeding B.V., Nieuwveen, The Netherlands
<b>Agent</b>	Ball Australia, Devon Meadows, VIC - postal address for service of notice on the applicant Konst Breeding B.V.
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Overseas Testing</b>	CPVO
<b>Authority</b>	
<b>Overseas Data</b>	INC 930
<b>Reference Number</b>	
<b>Location</b>	Wageningen, The Netherlands
<b>Descriptor</b>	Alstroemeria (new) ( <i>Alstroemeria</i> ) TG/29/7
<b>Period</b>	2009
<b>Conditions</b>	Characteristics are based solely on trials done in Wageningen, The Netherlands and published in the test report INC 930 dated 20 Nov 2009. Comparator data was extracted from PVJ Vol 12(3) 17
<b>Trial Design</b>	Randomised.
<b>Measurements</b>	Taken from trial plants
<b>RHS Chart - edition</b>	

**Origin and Breeding**

Controlled pollination followed by seedling selection: seed parent 10056-5 x pollen parent 97-0-4, in a planned breeding program at the applicant's research station at Nieuwveen, The Netherlands in 2001. 'Konamul' was selected from the resulting seedling in May 2003. Both parents are non-commercial varieties from the breeding program. Selection criteria: heat tolerance. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 55 generations to confirm uniformity and stability. Breeder Konst Breeding B.V., Nieuwveen, 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	height	tall
Flower	main colour	orange

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

<b>Name</b>	<b>Comments</b>
'Stanata'	Similar variety with orange and pink flowers.

**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>‘Konamul’</b>	<b>‘Stanata’</b>
<input type="checkbox"/> *Plant: height	tall	tall
<input type="checkbox"/> Stem: thickness	medium	medium
<input type="checkbox"/> Leaf: length	short to medium	medium
<input type="checkbox"/> Leaf: width	medium	medium to broad
<input type="checkbox"/> *Umbel: number of branches	medium	medium
<input checked="" type="checkbox"/> *Umbel: length of branches	medium	long
<input type="checkbox"/> *Flower: length of pedicel	short to medium	medium
<input type="checkbox"/> *Flower: main colour	orange	orange
<input type="checkbox"/> *Flower: size	large	large
<input type="checkbox"/> *Outer tepal: shape of blade	broad obovate	broad obovate
<input checked="" type="checkbox"/> *Outer tepal: depth of emargination	medium	very deep
<input checked="" type="checkbox"/> *Outer tepal: main colour of central zone (RHS Colour Chart)	orange RHS 29B	red RHS 53B
<input checked="" type="checkbox"/> *Outer tepal: main colour of top zone (RHS Colour Chart)	55B	61 D
<input type="checkbox"/> *Outer tepal: main colour of lateral zone (RHS Colour Chart)	29B	29B
<input type="checkbox"/> *Outer tepal: main colour of basal zone (RHS Colour Chart)	29D-29D	
<input type="checkbox"/> *Outer tepal: very small or small stripes on marginal part of lateral zone of upper side of blade	absent	
<input type="checkbox"/> *Outer tepal: large or very large stripes on upper side of blade	absent	
<input type="checkbox"/> *Inner tepal: shape of blade	elliptic	elliptic
<input type="checkbox"/> *Inner lateral tepal: size of striped zone on upper side	large	
<input checked="" type="checkbox"/> *Inner lateral tepal: main colour of striped zone on upper side (RHS Colour Chart)	5B-5C	9B
<input type="checkbox"/> *Inner lateral tepal: number of stripes on upper side	medium	medium
<input type="checkbox"/> *Inner lateral tepal: length of longest stripes on upper side	medium	
<input type="checkbox"/> *Inner lateral tepal: width of widest stripes on upper side	medium	medium
<input type="checkbox"/> *Inner median tepal: difference in striped pattern compared to inner lateral tepal	present	
<input type="checkbox"/> *Filament: main colour	pink	pink
<input type="checkbox"/> Filament: small spots	absent	absent
<input checked="" type="checkbox"/> *Anther: colour just before the start of dehiscence	yellowish	greenish



<input type="checkbox"/>	*Ovary: anthocyanin colouration	present	present
<input checked="" type="checkbox"/>	*Ovary: intensity of anthocyanin colouration	medium to strong	weak to medium

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
The Netherlands	2007	under procedure	'Konamul'
United Kingdom	2009	under procedure	'Konamul'

First sold in Japan in 10 May 2006 and AUS in 29 May 2007.

Description: Mark Lunghusen, World Select Plants/Outback Plants, Cranbourne, VIC.

**Details of Application**

<b>Application Number</b>	2007/337
<b>Variety Name</b>	'Konevotio'
<b>Genus Species</b>	<i>Alstroemeria</i> hybrid
<b>Common Name</b>	Peruvian Lily
<b>Synonym</b>	Nil
<b>Accepted Date</b>	30 Jan 2008
<b>Applicant</b>	Konst Breeding B.V., Nieuwveen, The Netherlands
<b>Agent</b>	Ball Australia, Devon Meadows, VIC - postal address for service of notice on the applicant Konst Breeding B.V.
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Overseas Testing</b>	Community Plant Variety Office (CPVO)
<b>Authority</b>	
<b>Overseas Data</b>	2006/1841
<b>Reference Number</b>	
<b>Location</b>	Wageningen, The Netherlands
<b>Descriptor</b>	<i>Alstroemeria</i> (new) ( <i>Alstroemeria</i> ) TG/29/7
<b>Period</b>	2008
<b>Conditions</b>	Characteristics are based solely on trials done in Wageningen, The Netherlands and published in the test report dated 13/10/2008. Comparator data was extracted from PVJ Vol 15(2).
<b>Trial Design</b>	Randomised
<b>Measurements</b>	Taken from trial plants
<b>RHS Chart - edition</b>	

**Origin and Breeding**

Controlled pollination followed by seedling selection: seed parent 88-19-5 x pollen parent 97-0-4, in a planned breeding program at the applicant's research station at Nieuwveen, The Netherlands in 2003. Both parents are non-commercial varieties from the breeding program. Selection criteria: short stem and heat tolerance. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 40 generations to confirm uniformity and stability. Breeder Konst Breeding B.V., Nieuwveen, 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>
Stem	thick	medium
Leaf	width	medium
Flower	main colour	red-purple group

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

<b>Name</b>	<b>Comments</b>
'Napoli'	

**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>‘Konevotio’</b>	<b>‘Napoli’</b>
<input type="checkbox"/> *Plant: height	short	exact data is not available
<input type="checkbox"/> Stem: thickness	medium	medium
<input type="checkbox"/> Leaf: length	medium	short to medium
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> *Umbel: number of branches	many	medium to many
<input type="checkbox"/> *Umbel: length of branches	short	very short to short
<input checked="" type="checkbox"/> *Flower: length of pedicel	short	long
<input checked="" type="checkbox"/> *Flower: main colour	medium pink	red purple
<input type="checkbox"/> *Flower: size	medium to large	medium
<input type="checkbox"/> *Outer tepal: shape of blade	medium obovate	obovate
<input type="checkbox"/> *Outer tepal: depth of emargination	shallow	shallow
<input checked="" type="checkbox"/> *Outer tepal: main colour of central zone (RHS Colour Chart)	N57C	64A
<input type="checkbox"/> *Outer tepal: main colour of top zone (RHS Colour Chart)	N57C	
<input type="checkbox"/> *Outer tepal: main colour of lateral zone (RHS Colour Chart)	29B-29C	
<input type="checkbox"/> *Outer tepal: main colour of basal zone (RHS Colour Chart)	29D	
<input type="checkbox"/> *Outer tepal: very small or small stripes on marginal part of lateral zone of upper side of blade	absent	
<input type="checkbox"/> *Outer tepal: large or very large stripes on upper side of blade	absent	
<input type="checkbox"/> *Inner tepal: shape of blade	elliptic	
<input type="checkbox"/> *Inner lateral tepal: size of striped zone on upper side	medium to large	
<input type="checkbox"/> *Inner lateral tepal: main colour of striped zone on upper side (RHS Colour Chart)	008A-008B	pale yellow
<input type="checkbox"/> *Inner lateral tepal: number of stripes on upper side	medium	medium
<input type="checkbox"/> *Inner lateral tepal: length of longest stripes on upper side	short to medium	
<input type="checkbox"/> *Inner lateral tepal: width of widest stripes on upper side	narrow to medium	medium
<input type="checkbox"/> *Inner median tepal: difference in striped pattern compared to inner lateral tepal	present	
<input checked="" type="checkbox"/> *Filament: main colour	pink	purple
<input type="checkbox"/> Filament: small spots	absent	

<input type="checkbox"/>	*Anther: colour just before the start of dehiscence	purplish	purplish
<input type="checkbox"/>	*Ovary: anthocyanin colouration	present	present
<input type="checkbox"/>	*Ovary: intensity of anthocyanin colouration	very weak	weak to medium

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

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
New Zealand	2008	Granted	'Konevotio'
EU	2006	Granted	'Konevotio'

First sold in the USA in June 2006. First Australian sale in January 2007.

Description: Mark Lunghusen, World Select Plants/Outback Plants, Cranbourne, VIC.

**Details of Application**

<b>Application Number</b>	2008/033
<b>Variety Name</b>	'Konratus'
<b>Genus Species</b>	<i>Alstroemeria</i> hybrid
<b>Common Name</b>	Peruvian Lily
<b>Synonym</b>	Nil
<b>Accepted Date</b>	28 Mar 2008
<b>Applicant</b>	Konst Breeding B.V., Nieuwveen, The Netherlands
<b>Agent</b>	Ball Australia, Devon Meadows, VIC - postal address for service of notice on the applicant Konst Breeding B.V.
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Overseas Testing</b>	Community Plant Variety Office (CPVO)
<b>Authority</b>	
<b>Overseas Data</b>	2007/0105
<b>Reference Number</b>	
<b>Location</b>	Wageningen, The Netherlands
<b>Descriptor</b>	<i>Alstroemeria</i> (new) ( <i>Alstroemeria</i> ) TG/29/7
<b>Period</b>	2008
<b>Conditions</b>	Characteristics are based solely on trials done in Wageningen, The Netherlands and published in the test report dated 14-10-2008. Comparator data was extracted from PVJ Vol 15(2).
<b>Trial Design</b>	Randomised
<b>Measurements</b>	Taken from trial plants
<b>RHS Chart - edition</b>	

**Origin and Breeding**

Controlled pollination followed by seedling selection: seed parent 5782-14 x pollen parent 7068-2, in a planned breeding program at the applicant's research station at Nieuwveens, The Netherlands in 2001. 'Konratus' was selected from the resulting seedling in May 2003. Both parents are non-commercial varieties within the breeding program. Selection criteria: heat tolerance and flower colour. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 60 generations to confirm distinctness, uniformity and stability. Breeder: Konst Breeding, Nieuwveen, 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>
Flower	colour	red-purple group
Flower	size	medium

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

<b>Name</b>	<b>Comments</b>
'Napoli'	

**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>‘Konratus’</b>	<b>‘Napoli’</b>
<input type="checkbox"/> *Plant: height	tall	exact data is not available
<input checked="" type="checkbox"/> Stem: thickness	very thick	medium
<input type="checkbox"/> Leaf: length	medium	short to medium
<input checked="" type="checkbox"/> Leaf: width	very broad	medium
<input type="checkbox"/> *Umbel: number of branches	medium to many	medium to many
<input checked="" type="checkbox"/> *Umbel: length of branches	long to very long	very short to short
<input type="checkbox"/> *Flower: length of pedicel	very long	long
<input checked="" type="checkbox"/> *Flower: main colour	purple pink	red purple
<input type="checkbox"/> *Flower: size	medium	medium
<input type="checkbox"/> *Outer tepal: shape of blade	broad obovate	obovate
<input checked="" type="checkbox"/> *Outer tepal: depth of emargination	very deep	shallow
<input checked="" type="checkbox"/> *Outer tepal: main colour of central zone (RHS Colour Chart)	72C	64A
<input type="checkbox"/> *Outer tepal: main colour of top zone (RHS Colour Chart)	N57B	
<input type="checkbox"/> *Outer tepal: main colour of lateral zone (RHS Colour Chart)	72C	
<input type="checkbox"/> *Outer tepal: main colour of basal zone (RHS Colour Chart)	65B and 65C	
<input type="checkbox"/> *Outer tepal: very small or small stripes on marginal part of lateral zone of upper side of blade	present	
<input type="checkbox"/> *Outer tepal: large or very large stripes on upper side of blade	absent	
<input type="checkbox"/> *Inner tepal: shape of blade	obovate	
<input type="checkbox"/> *Inner lateral tepal: size of striped zone on upper side	very large	
<input type="checkbox"/> *Inner lateral tepal: main colour of striped zone on upper side (RHS Colour Chart)	155A and 72C	
<input type="checkbox"/> *Inner lateral tepal: number of stripes on upper side	medium	medium
<input type="checkbox"/> *Inner lateral tepal: length of longest stripes on upper side	medium to long	
<input type="checkbox"/> *Inner lateral tepal: width of widest stripes on upper side	medium	medium
<input type="checkbox"/> *Inner median tepal: difference in striped pattern compared to inner lateral tepal	absent	
<input checked="" type="checkbox"/> *Filament: main colour	pink	purple
<input type="checkbox"/> Filament: small spots	absent	

<input checked="" type="checkbox"/>	*Anther: colour just before the start of dehiscence	greenish	purplish
<input type="checkbox"/>	*Ovary: anthocyanin colouration	present	present
<input checked="" type="checkbox"/>	*Ovary: intensity of anthocyanin colouration	strong	weak to medium

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2007	Granted	'Konratus'
GB	2008	Under procedure	'Konratus'

First sold in France in March 2007. First Australian sale in May 2007.

Description: Mark Lunghusen, World Select Plants/Outback Plants, Cranbourne, VIC.

**Details of Application**

<b>Application Number</b>	2007/336
<b>Variety Name</b>	'Konpulse'
<b>Genus Species</b>	<i>Alstroemeria</i> hybrid
<b>Common Name</b>	Peruvian Lily
<b>Synonym</b>	Nil
<b>Accepted Date</b>	30 Jan 2008
<b>Applicant</b>	Konst Breeding B.V., Nieuwveen, The Netherlands
<b>Agent</b>	Ball Australia, Devon Meadows, VIC - postal address for service of notice on the applicant Konst Breeding B.V.
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Overseas Testing</b>	Community Plant Variety Office (CPVO)
<b>Authority</b>	
<b>Overseas Data</b>	2006/0939
<b>Reference Number</b>	
<b>Location</b>	Wageningen, The Netherlands
<b>Descriptor</b>	Alstroemeria (Alstroemeria)
<b>Period</b>	2007
<b>Conditions</b>	Characteristics are based solely on trials done in Wageningen, The Netherlands and published in the test report dated 11 Feb 2008. Comparator data was extracted from PVJ Vol 15(2).
<b>Trial Design</b>	Randomised
<b>Measurements</b>	Taken from trial plants
<b>RHS Chart - edition</b>	

**Origin and Breeding**

Controlled pollination: seed parent 3150-30 x pollen parent 5261-4 in a planned breeding program at the applicant's research station at Nieuwveen, The Netherlands. Both parents are non-commercial varieties within the breeding program. Selection criteria: from this cross 'Konpulse' was chosen on the basis of short flower stems. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 40 generations to confirm uniformity and stability. 'Konpulse' is commercially propagated by tissue culture. Breeder: J.W.M. Konst, Nieuwveen, 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>
Stem	length	short
Leaf	shape of blade	elliptic
Flower	main colour	red/red-purple group

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

<b>Name</b>	<b>Comments</b>
'Napoli'	Most similar variety.



**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>‘Konpulse’</b>	<b>‘Napoli’</b>
<input type="checkbox"/> *Stem: length	short	short
<input checked="" type="checkbox"/> *Stem: thickness	thin	medium
<input type="checkbox"/> *Stem: density of foliage	medium	medium to dense
<input type="checkbox"/> *Leaf: length	medium	short to medium
<input type="checkbox"/> *Leaf: width	medium	medium
<input type="checkbox"/> *Leaf: shape of blade	elliptic	elliptic
<input type="checkbox"/> *Leaf: longitudinal axis of blade	straight	straight
<input checked="" type="checkbox"/> *Inflorescence: number of branches in umbel	few to medium	medium to many
<input type="checkbox"/> *Inflorescence: length of branches in umbel	short	very short to short
<input checked="" type="checkbox"/> *Inflorescence: length of pedicel	medium	long
<input checked="" type="checkbox"/> *Flower: main colour	red	red purple
<input type="checkbox"/> *Flower: size	small to medium	medium
<input type="checkbox"/> *Flower: spread of tepals	small to medium	small to medium
<input type="checkbox"/> *Outer tepal: shape of blade	obovate	obovate
<input type="checkbox"/> *Outer tepal: depth of emargination	shallow	shallow
<input checked="" type="checkbox"/> *Outer tepal: main colour of inner side of blade (RHS colour chart)	042A-043A	064A
<input type="checkbox"/> *Outer tepal: stripes on inner side of blade	absent	
<input type="checkbox"/> *Inner tepal: shape of blade	elliptic	
<input type="checkbox"/> *Inner lateral tepal: main colour of inner side of middle zone of blade (RHS colour chart)	007A	pale yellow
<input checked="" type="checkbox"/> *Inner lateral tepal: size of stripes on inner side of blade	very small to small	medium
<input checked="" type="checkbox"/> *Stamens: main colour of filament	pink	purple
<input type="checkbox"/> *Stamens: small spots on filament	absent	
<input checked="" type="checkbox"/> *Stamens: colour of anthers at the start of dehiscence	greenish	purplish
<input type="checkbox"/> Pistil: anthocyanin colouration of ovary	absent or very weak	weak to medium
<input checked="" type="checkbox"/> Pistil: spots on the stigma	absent	present

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
New Zealand	2008	Granted	‘Konpulse’
EU	2006	Granted	‘Konpulse’
USA	2006	Granted	‘Konpulse’

First sold in the USA in June 2005. First Australian sale in January 2007.

Description: Mark Lunghusen, World Select Plants/Outback Plants, Cranbourne, VIC.

**Details of Application**

<b>Application Number</b>	2009/029
<b>Variety Name</b>	'Konanel'
<b>Genus Species</b>	<i>Alstroemeria</i> hybrid
<b>Common Name</b>	Peruvian Lily
<b>Synonym</b>	Nil
<b>Accepted Date</b>	27 May 2009
<b>Applicant</b>	Konst Breeding B.V., Nieuwveen, The Netherlands
<b>Agent</b>	Ball Australia, Keysborough, VIC
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Overseas Testing</b>	Community Plant Variety Office (CPVO)
<b>Authority</b>	
<b>Overseas Data</b>	2008/0058
<b>Reference Number</b>	
<b>Location</b>	Wageningen, The Netherlands
<b>Descriptor</b>	<i>Alstroemeria</i> (new) ( <i>Alstroemeria</i> ) TG/29/7
<b>Period</b>	2009
<b>Conditions</b>	Characteristics are based solely on trials done in Wageningen, The Netherlands and published in the test report INC 937 dated 20 Nov 2009. Comparator data was extracted from PVJ Vol 20(1).
<b>Trial Design</b>	Randomized
<b>Measurements</b>	Taken from trial plants
<b>RHS Chart - edition</b>	

**Origin and Breeding**

Spontaneous mutation: in March 2004 a spontaneous mutation was discovered on *Alstroemeria* 'Konsacram' with a distinctive flower colour. Plants were trialled from 2005-2007 to determine uniformity and stability. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 43 generations to confirm uniformity and stability. Breeder Konst Breeding B.V., Nieuwveen, 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	height	tall
Leaf	length	medium
Leaf	width	medium
Flower	size	large

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

<b>Name</b>	<b>Comments</b>
'Konsacram'	Parental variety

**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>'Konanel'</b>	<b>'Konsacram'</b>
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<input type="checkbox"/>	*Plant: height	tall	tall
<input type="checkbox"/>	Stem: thickness	medium	medium to thick
<input type="checkbox"/>	Leaf: length	medium	medium
<input type="checkbox"/>	Leaf: width	medium	medium
<input type="checkbox"/>	*Umbel: number of branches	medium	medium to many
<input type="checkbox"/>	*Umbel: length of branches	medium	medium to long
<input checked="" type="checkbox"/>	*Flower: length of pedicel	short to medium	long
<input checked="" type="checkbox"/>	*Flower: main colour	red purple	light pink
<input type="checkbox"/>	*Flower: size	medium to large	large
<input checked="" type="checkbox"/>	*Outer tepal: shape of blade	broad elliptic	broad obovate
<input type="checkbox"/>	*Outer tepal: depth of emargination	deep	very deep
<input checked="" type="checkbox"/>	*Outer tepal: main colour of central zone (RHS Colour Chart)	53C-53D	62B-27D
<input type="checkbox"/>	*Outer tepal: main colour of top zone (RHS Colour Chart)	red purple N57C	
<input type="checkbox"/>	*Outer tepal: main colour of lateral zone (RHS Colour Chart)	red purple N57C	
<input type="checkbox"/>	*Outer tepal: main colour of basal zone (RHS Colour Chart)	69C- 69D	
<input type="checkbox"/>	*Outer tepal: very small or small stripes on marginal part of lateral zone of upper side of blade	absent	absent
<input type="checkbox"/>	*Outer tepal: large or very large stripes on upper side of blade	absent	absent
<input type="checkbox"/>	*Inner tepal: shape of blade	elliptic	elliptic
<input type="checkbox"/>	*Inner lateral tepal: size of striped zone on upper side	large	
<input checked="" type="checkbox"/>	*Inner lateral tepal: main colour of striped zone on upper side (RHS Colour Chart)	8B	5C
<input type="checkbox"/>	*Inner lateral tepal: number of stripes on upper side	medium	
<input type="checkbox"/>	*Inner lateral tepal: length of longest stripes on upper side	medium	
<input type="checkbox"/>	*Inner lateral tepal: width of widest stripes on upper side	narrow	medium
<input type="checkbox"/>	*Inner median tepal: difference in striped pattern compared to inner lateral tepal	present	

<input type="checkbox"/>	*Filament: main colour	red purple	red purple
<input type="checkbox"/>	Filament: small spots	absent	absent
<input type="checkbox"/>	*Anther: colour just before the start of dehiscence	greenish	greenish
<input type="checkbox"/>	*Ovary: anthocyanin colouration	present	
<input type="checkbox"/>	*Ovary: intensity of anthocyanin colouration	strong	

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2008	Granted	'Konanel'
GB	2009	Under Procedure	'Konanel'

First sold in Germany in Feb 2007.

Description: Mark Lunghusen, World Select Plants/Outback Plants, Cranbourne, VIC.

**Details of Application**

<b>Application Number</b>	2009/316
<b>Variety Name</b>	'Kakegawa S91'
<b>Genus Species</b>	<i>Petunia x Calibrachoa</i>
<b>Common Name</b>	Petchoa
<b>Synonym</b>	Nil
<b>Accepted Date</b>	16 Apr 2010
<b>Applicant</b>	Sakata Seed Corporation, Yokohama, JP
<b>Agent</b>	Sakata Seed Oceania, Warragul, VIC
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	Canadian Food Inspection Agency
<b>Overseas Data</b>	3313
<b>Reference Number</b>	
<b>Location</b>	St Thomas, Ontario, Canada
<b>Descriptor</b>	Calibrachoa ( <i>Calibrachoa</i> ) TG/207/1
<b>Period</b>	2007
<b>Conditions</b>	Trials were conducted in a polyhouse during the summer 2007 at BioFlora Inc. in St. Tomas Ontario. Fifteen plants of each variety were included in the trial. All plants were grown from rooted cuttings and transplanted into 11.5 cm pots on July 10, 2007.
<b>Trial Design</b>	
<b>Measurements</b>	Observations and measurements were taken from 10 plants or parts per variety.
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

Controlled pollination followed by seedling selection: in May 2003, the new *Petunia x Calibrachoa* variety was developed using an intergeneric cross between *Petunia* in-house hybrid 04H-73 and a *Calibrachoa* in-house hybrid 571-2. After crossing the parent lines, 1320 ovules were removed from flowers on the female parent and cultured by standard ovule culture techniques. In Dec 2003, 6 intergeneric hybrid plantlets were transplanted to soil less media for greenhouse culture and acclimatization. In Mar 2004, 6 plants out of 6 hybrid lines were vegetatively propagated to produce rooted cuttings. In April 2004, the 6 plants were transplanted to an open field and evaluated for flower colour and plant growth habit through July. In Aug 2004, 'Kakegawa S91' which has a bright terracotta (apricot with pinkish-red vein) flower colour and a mounding plant growth habit was selected and vegetatively propagated. In Sep 2004, 10 cuttings were evaluated in an open field through Nov 2004. In Nov 2004, the breeder confirmed that the distinct characteristics of selection 'Kakegawa S91' were fixed and stable. Breeder Akinobu Ui, Sakata Seed Corporation, Yokohama, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	habit	semi-upright
Flower	type	single

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

Name	Comments
'Dancalipet'	Most similar variety.

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

Organ/Plant Part: Context	'Kakegawa S91'	'Dancalipet'
<input type="checkbox"/> Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Plant: height	medium	short
<input checked="" type="checkbox"/> *Leaf blade: length	short	medium to long
<input type="checkbox"/> *Leaf blade: width	medium	medium
<input type="checkbox"/> Leaf blade: shape of apex	obtuse	obtuse
<input type="checkbox"/> *Leaf blade: variegation	absent	absent
<input type="checkbox"/> *Leaf blade: green colour of upper side (non-variegated varieties only)	dark	dark
<input type="checkbox"/> Sepal: anthocyanin colouration	present	
<input type="checkbox"/> *Flower: type	single	single
<input checked="" type="checkbox"/> *Corolla lobe: number of colours of upper side	more than two	one
<input checked="" type="checkbox"/> *Corolla lobe: main colour of upper side (RHS colour chart)	24C-20D	N74A with N66A tones
<input type="checkbox"/> *Corolla lobe: secondary colour of upper side (bi- and multi-coloured varieties only) (RHS colour chart)	9A	N/A
<input type="checkbox"/> Corolla lobe: tertiary colour of upper side (multi-coloured varieties only) (RHS colour chart)	54B	N/A
<input checked="" type="checkbox"/> *Corolla lobe: conspicuousness of veins on upper side	weak	strong
<input checked="" type="checkbox"/> Corolla lobe: main colour of lower side (RHS colour chart)	8D with 70C	75A with 64C
<input checked="" type="checkbox"/> *Corolla tube: main colour of inner side (RHS colour chart)	12A with brown 200A	9A - 10B
<input type="checkbox"/> Corolla tube: conspicuousness of veins on inner side	strong	strong

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'Kakegawa S91'	'Dancalipet'
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	absent or very weak	strong anthocyanin
<input type="checkbox"/> Leaf blade: anthocyanin colouration on midrib (lower side)	absent or very weak	

<input checked="" type="checkbox"/>	Flower: shape	funnel form	salver form
<input checked="" type="checkbox"/>	Corolla lobe: apex	retuse	rounded

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Canada	2007	Granted	'Kakegawa S91'
EU	2007	Granted	'Kakegawa S91'
USA	2007	Granted	'Kakegawa S91'
NZ	2010	Applied	'Kakegawa S91'

First sold in the USA in 2007.

Description: Mark Lunghusen, World Select Plants/Outback Plants, Cranbourne, VIC.



**Details of Application**

<b>Application Number</b>	2008/365
<b>Variety Name</b>	'EUROPRIMA'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	17 Dec 2008
<b>Applicant</b>	EUROPLANT Pflanzenzucht GmbH, Germany
<b>Agent</b>	Agtec Agriculture Pty Ltd, Hilston, NSW
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb – May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: 'Marena' x 'Albatros' in the EUROPLANT Pflanzenzucht GmbH Potato Breeding Program in Kaltenberg, Germany in 1998. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, processing quality and storability. A breeding line was selected from this cross and released as 'Europrima' in 2008. The female parent has an ovoid lightsprout whereas 'Europrima' is conical. 'Albatros' sets more berries than 'Europrima'.

**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>
Tuber	shape	short-oval
Plant	height	Medium
Tuber	drymatter content	High
Tuber	skin colour	light beige

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

<b>Name</b>	<b>Comments</b>
'Atlantic'	

**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>‘EUROPRIMA’</b>	<b>‘Atlantic’</b>
<input type="checkbox"/> Lightsprout: size	medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	conical	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium to strong	medium
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	medium	High
<input type="checkbox"/> *Lightsprout: pubescence of base	strong	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	closed to intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	absent or very weak
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	weak to medium
<input type="checkbox"/> *Lightsprout: number of root tips	few to medium	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	short to medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	weak
<input type="checkbox"/> Leaf: outline size	medium to large	medium
<input checked="" type="checkbox"/> Leaf: openness	closed to intermediate	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	strong
<input type="checkbox"/> Leaf: green colour	medium to dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	Low
<input type="checkbox"/> Leaflet: waviness of margin	medium	weak
<input type="checkbox"/> Leaflet: depth of veins	medium	medium to deep
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	dull to medium
<input type="checkbox"/> Flower bud: anthocyanin colouration	absent or very weak	medium
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> *Plant: frequency of flowers	low to medium	medium

<input type="checkbox"/>	Inflorescence: size	small	small to medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	absent or very weak	absent or very weak
<input type="checkbox"/>	Flower corolla: size	small	small
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	medium
<input checked="" type="checkbox"/>	*Plant: time of maturity	early	medium
<input type="checkbox"/>	*Tuber: shape	short-oval	short-oval
<input type="checkbox"/>	Tuber: depth of eyes	medium to deep	medium
<input type="checkbox"/>	*Tuber: colour of skin	light beige	Light beige
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	light yellow	white
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

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

#### **Organ/Plant Part: Context**

	<b>‘EUROPRIMA’</b>	<b>‘Atlantic’</b>	
<input type="checkbox"/>	Stem: thickness	medium	medium
<input checked="" type="checkbox"/>	Secondary leaflet on lateral leaflet: size	medium	small
<input checked="" type="checkbox"/>	Tuber: skin smoothness	medium	rough

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2006	Granted	‘EUROPRIMA’
Canada	2009	Applied	‘EUROPRIMA’

First sold in Germany April 2008.

Description: **John Fennell**, Blakiston. SA.

**Details of Application**

<b>Application Number</b>	2009/264
<b>Variety Name</b>	'Margit'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	16 Apr 2010
<b>Applicant</b>	Solana Agrar-Produkte GMBH & Co KG, Germany
<b>Agent</b>	Western Potatoes Ltd, West Perth, WA
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb – May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: breeding line '88-236-3' x '92-320-1' in the SaKa Pflanzenzucht GbR Potato Breeding Program in Windeby, Germany in 1998. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. A breeding line derived from this cross was selected and released as 'Margit' in 2007. The female parent has lighter tuber flesh colour than 'Margit'. '92-320-1' has red violet flowers whereas 'Margit' has white flowers.

**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>
Tuber	shape	oval to long oval
Tuber	skin colour	yellow
Tuber	flesh colour	light yellow
Flower	colour	white
Leaflet	width	narrow to medium

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

<b>Name</b>	<b>Comments</b>
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‘Bintje’  
‘Miranda’  
‘Freya’

### **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>
‘Miranda’	Plant time of maturity	medium	Early
‘Freya’	Tuber Shape	long oval	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>‘Margit’</b>	<b>‘Bintje’</b>
<input type="checkbox"/> Lightsprout: size	medium	medium to large
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	high
<input type="checkbox"/> *Lightsprout: pubescence of base	very weak to weak	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	intermediate to open
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium to strong	medium to strong
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	weak	medium to strong
<input type="checkbox"/> *Lightsprout: number of root tips	few	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	stem type	intermediate type
<input checked="" type="checkbox"/> *Plant: growth habit	upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	medium to strong
<input checked="" type="checkbox"/> Leaf: outline size	medium to large	small to medium
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium
<input checked="" type="checkbox"/> Leaf: green colour	dark	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	narrow to medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low

<input type="checkbox"/>	Leaflet: waviness of margin	weak	absent or very weak
<input checked="" type="checkbox"/>	Leaflet: depth of veins	medium to deep	shallow to medium
<input type="checkbox"/>	Leaflet: glossiness of the upper side	medium	dull
<input type="checkbox"/>	Flower bud: anthocyanin colouration	weak to medium	absent or very weak
<input type="checkbox"/>	Plant: height	medium	medium to tall
<input type="checkbox"/>	*Plant: frequency of flowers	high	low to medium
<input type="checkbox"/>	Inflorescence: size	large	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak to medium	absent or very weak
<input type="checkbox"/>	Flower corolla: size	medium to large	medium to large
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input type="checkbox"/>	*Plant: time of maturity	medium	medium to late
<input type="checkbox"/>	*Tuber: shape	oval	long-oval
<input checked="" type="checkbox"/>	Tuber: depth of eyes	very shallow to shallow	shallow to medium
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

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

<b>Organ/Plant Part: Context</b>	<b>'Margit'</b>	<b>'Bintje'</b>
<input checked="" type="checkbox"/> Stem: thickness	thick	medium
<input checked="" type="checkbox"/> Secondary leaflet on lateral leaflet: size	medium	small
<input type="checkbox"/> Tuber: skin smoothness	smooth	smooth

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Germany	2003	Granted	'Margit'
EU	2007	Granted	'Margit'
France	1987	Surrendered	'Margit'

First sold in March 2007 in Germany

Description: **John Fennell**, Blakiston, SA.

**Details of Application**

<b>Application Number</b>	2009/263
<b>Variety Name</b>	'Red Lady'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	16 Apr 2010
<b>Applicant</b>	Solana Agrar-Produkte GMBH & Co KG, Germany
<b>Agent</b>	Western Potatoes Ltd, West Perth, WA
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb – May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: 'Dura' x 'Velox' in the Solana Agrar-Produkte GMBH Potato Breeding Program in Windeby, Germany in 1996. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. A breeding line was selected and released as 'Red Lady' in 2005. The female parent is susceptible to wart disease (pathotype 1) whereas 'Red Lady' is resistant. 'Velox' has yellow skin colour.

**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>
Tuber	shape	long-oval
Tuber	flesh colour	light yellow
Leaf	openness	Intermediate to open
Leaf	glossiness	medium to glossy
Leaflet	vein depth	medium to deep

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

<b>Name</b>	<b>Comments</b>
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‘Desiree’

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Rosara’	Plant time of maturity	main crop	very early

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

Organ/Plant Part: Context	‘Red Lady’	‘Desiree’
<input checked="" type="checkbox"/> Lightsprout: size	medium	large
<input checked="" type="checkbox"/> *Lightsprout: shape	conical	narrow cylindrical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	medium
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	medium	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	weak	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium to large	small
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	strong	absent or very weak
<input type="checkbox"/> Lightsprout: pubescence of tip	medium	absent or very weak
<input type="checkbox"/> *Lightsprout: number of root tips	Few	many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short to medium	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	weak to medium
<input type="checkbox"/> Leaf: outline size	medium	small to medium
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium
<input type="checkbox"/> Leaf: green colour	medium to dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	medium	weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium to large	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	weak to medium	absent or very weak
<input type="checkbox"/> Leaflet: depth of veins	Medium to deep	medium to deep



<input type="checkbox"/>	Leaflet: glossiness of the upperside	Medium to glossy	medium to glossy
<input type="checkbox"/>	Plant: height	medium	medium
<input type="checkbox"/>	*Plant: frequency of flowers	absent or very low	medium to high
<input type="checkbox"/>	*Plant: time of maturity	medium to late	medium
<input type="checkbox"/>	*Tuber: shape	long-oval	long-oval
<input checked="" type="checkbox"/>	Tuber: depth of eyes	very shallow to shallow	medium
<input checked="" type="checkbox"/>	*Tuber: colour of skin	reddish brown	red
<input type="checkbox"/>	*Tuber: colour of base of eye	red	red
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow

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

<b>Organ/Plant Part: Context</b>	<b>'Red Lady'</b>	<b>'Desiree'</b>
<input checked="" type="checkbox"/> Stem: thickness	medium	thick
<input type="checkbox"/> Secondary leaflet on lateral leaflet: size	medium	medium
<input type="checkbox"/> Tuber: skin smoothness	smooth	smooth

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2003	Granted	'Red Lady'
USA	2005	Applied	'Red Lady'

First sold in October 2005 in Germany

Description: **John Fennell**, Blakiston, SA.

**Details of Application**

<b>Application Number</b>	2007/292
<b>Variety Name</b>	'Horizon'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	25 Mar 2009
<b>Applicant</b>	Higgins Agriculture, UK
<b>Agent</b>	Western Potatoes Limited, Claremont, WA
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie, SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb – May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: 'Russet Burbank' x 'Sante'. in Higgins Agriculture breeding program in Doncaster, UK in 1996. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, processing quality and storability. A breeding line was selected from this cross and released as 'Horizon' in 2001. 'Russet Burbank' differs from 'Horizon' in having long oval tuber shape. The male parent 'Sante' has significantly lower dry matter content of tubers.

**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>
Tuber	dry matter content	High
Tuber	skin smoothness	Netted

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

<b>Name</b>	<b>Comments</b>
'Russet Burbank'	

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Blanka'	Lightsprout anthocyanin colour of base	weak	Medium
'Blanka'	Leaflet depth of veins	medium	Deep

**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	'Horizon'	'Russet Burbank'
<input type="checkbox"/> Lightsprout: size	medium	small
<input checked="" type="checkbox"/> *Lightsprout: shape	spherical	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	weak
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	weak	weak to medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	small to medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	closed to intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	very weak to weak	absent or very weak
<input type="checkbox"/> Lightsprout: pubescence of tip	medium	weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	short
<input checked="" type="checkbox"/> Plant: foliage structure	stem type	leaf type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright to spreading
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	weak
<input type="checkbox"/> Leaf: outline size	medium	medium to large
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium
<input type="checkbox"/> Leaf: green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium to broad	narrow
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	weak	medium
<input type="checkbox"/> Leaflet: depth of veins	medium to deep	medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	medium
<input type="checkbox"/> Flower bud: anthocyanin colouration	absent or very weak	

<input type="checkbox"/>	Plant: height	medium to tall	short to medium
<input type="checkbox"/>	*Plant: frequency of flowers	very high	absent or very low
<input type="checkbox"/>	Inflorescence: size	medium	
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	absent or very weak	
<input type="checkbox"/>	Flower corolla: size	medium	
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	
<input type="checkbox"/>	*Plant: time of maturity	early	medium to late
<input checked="" type="checkbox"/>	*Tuber: shape	round	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	medium to deep	medium
<input checked="" type="checkbox"/>	*Tuber: colour of skin	yellow	reddish brown
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	light yellow	white
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

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

<b>Organ/Plant Part: Context</b>	<b>'Horizon'</b>	<b>'Russet Burbank'</b>
<input type="checkbox"/> Stem: thickness	medium	medium
<input type="checkbox"/> Secondary leaflet on lateral leaflet: size	small	medium
<input checked="" type="checkbox"/> Tuber: skin smoothness	rough	very rough

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
UK	1999	Granted	'Horizon'
EU	2002	Granted	'Horizon'
South Africa	2004	Applied	'Horizon'

First sold in Saudi Arabia October 2003.

Description: **John Fennell**, Blakiston, SA.

**Details of Application**

<b>Application Number</b>	2009/218
<b>Variety Name</b>	'Mette'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	08 Oct 2009
<b>Applicant</b>	Landbrugets Kartoffelfond, Denmark
<b>Agent</b>	Agtec Agriculture Pty Ltd, Hillston, NSW
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb – May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: breeding line 88-BGO-28 x 'Cara' in the Landbrugets Kartoffelfond Potato Breeding Program in Vandel, Denmark in 1988. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding Line 95-CHV-1 was selected and released as 'Mette' in 2003. The female parent has a slight difference in tuber flesh colour than 'Mette'. 'Cara' tuber skin is part-coloured.

**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>
Tuber	Shape	long to long oval
Tuber	skin colour	Yellow
Flower	colour	White
Lightsprout	shape	Conical

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

<b>Name</b>	<b>Comments</b>
'Bintje'	

**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>‘Mette’</b>	<b>‘Bintje’</b>
<input type="checkbox"/> Lightsprout: size	medium	medium to large
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	very weak to weak	strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	High
<input type="checkbox"/> *Lightsprout: pubescence of base	very weak to weak	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	medium
<input checked="" type="checkbox"/> Lightsprout: habit of tip	closed to intermediate	intermediate to open
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	medium to strong
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	weak	medium to strong
<input type="checkbox"/> *Lightsprout: number of root tips	medium to many	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short to medium	short
<input type="checkbox"/> Plant: foliage structure	stem type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	weak	medium to strong
<input type="checkbox"/> Leaf: outline size	medium	small to medium
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium
<input checked="" type="checkbox"/> Leaf: green colour	medium to dark	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	very weak to weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium to large	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	narrow to medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	weak	absent or very weak
<input type="checkbox"/> Leaflet: depth of veins	shallow to medium	shallow to medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	dull
<input type="checkbox"/> Flower bud: anthocyanin colouration	medium to strong	absent or very weak
<input checked="" type="checkbox"/> Plant: height	tall to very tall	medium to tall

<input type="checkbox"/>	*Plant: frequency of flowers	high to very high	low to medium
<input type="checkbox"/>	Inflorescence: size	large	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak to medium	absent or very weak
<input type="checkbox"/>	Flower corolla: size	medium to large	medium to large
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	
<input type="checkbox"/>	*Plant: time of maturity	late	medium to late
<input type="checkbox"/>	*Tuber: shape	long	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow	shallow to medium
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

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

<b>Organ/Plant Part: Context</b>	<b>‘Mette’</b>	<b>‘Bintje’</b>
<input checked="" type="checkbox"/> Stem: thickness	thick	thin
<input checked="" type="checkbox"/> Secondary leaflet on lateral leaflet: size	large	small

### **Prior Applications and Sales**

Nil.

Description: **John Fennell**, Blakiston, SA.

**Details of Application**

<b>Application Number</b>	2009/212
<b>Variety Name</b>	'Musica'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	12 Oct 2009
<b>Applicant</b>	C Meijer BV, The Netherlands
<b>Agent</b>	Agtec Agriculture Pty Ltd, Hillston, NSW
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb – May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: breeding line CMK1993-042-005 x 'Lady Christl' in the CJ Meijer BV Potato Breeding Program in Rilland, the Netherlands in 1997. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding Line CMK1998-032-005 was selected and commercially released as 'Musica' in 2007. The female parent has significantly lighter yellow tuber flesh colour than 'Musica'. 'Lady Christl' has red violet flowers whereas 'Musica' has white flowers.

**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>
Tuber	shape	long oval
Tuber	skin colour	Yellow
Tuber	flesh colour	Yellow
Flower	colour	White
Lightsprout	size	medium to large
Lightsprout	shape	Conical



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

Name	Comments
'Nicola'	

**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	'Musica'	'Nicola'
<input type="checkbox"/> Lightsprout: size	large	medium to large
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	medium to strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium to strong	strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	Open
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	very weak to weak	medium to strong
<input type="checkbox"/> Lightsprout: pubescence of tip	weak to medium	
<input type="checkbox"/> *Lightsprout: number of root tips	medium to many	medium to many
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	
<input type="checkbox"/> Plant: foliage structure	leaf type	stem type
<input type="checkbox"/> *Plant: growth habit	semi-upright to spreading	semi-upright to spreading
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Leaf: outline size	medium to large	small to medium
<input checked="" type="checkbox"/> Leaf: openness	closed to intermediate	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium
<input type="checkbox"/> Leaf: green colour	light to medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium to large	small to medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	weak	absent or very weak
<input type="checkbox"/> Leaflet: depth of veins	medium	medium
<input checked="" type="checkbox"/> Leaflet: glossiness of the upperside	dull to medium	medium to glossy
<input type="checkbox"/> Flower bud: anthocyanin colouration	absent or very	

		weak	
<input type="checkbox"/>	Plant: height	medium	medium to tall
<input type="checkbox"/>	*Plant: frequency of flowers	absent or very low	low to medium
<input type="checkbox"/>	Inflorescence: size	small to medium	
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	absent or very weak	
<input type="checkbox"/>	Flower corolla: size	medium	
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input type="checkbox"/>	*Plant: time of maturity	early to medium	medium to late
<input type="checkbox"/>	*Tuber: shape	long-oval	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow	shallow
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	dark yellow	medium yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak

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

<b>Organ/Plant Part: Context</b>	<b>'Musica'</b>	<b>'Nicola'</b>
<input type="checkbox"/> Stem: thickness	medium	medium
<input checked="" type="checkbox"/> Secondary leaflet on lateral leaflet: size	medium	small

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
The Netherlands	2006	Granted	'Musica'
EU	2006	Granted	'Musica'

First sold in March 2007, The Netherlands.

Description: **John Fennell**, Blakiston, SA.

**Details of Application**

<b>Application Number</b>	2009/213
<b>Variety Name</b>	'Orchestra'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	12 Oct 2009
<b>Applicant</b>	C Meijer BV, The Netherlands
<b>Agent</b>	Agtec Agriculture Pty Ltd, Hillston, NSW
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb – May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: 'Maradonna' x 'Cupido' in the C Meijer BV Potato Breeding Program at Rilland, The Netherlands in 1996. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line CMK 1997-053-017 was selected and released as 'Orchestra' in 2007. The female parent is later in maturity than 'Orchestra'. 'Cupido' has oval tuber shape and 'Orchestra' is round oval.

**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>
Tuber	shape	round oval to oval
Tuber	skin colour	Yellow
Tuber	flesh colour	light yellow

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

<b>Name</b>	<b>Comments</b>
'Lady Claire'	
'Melody'	

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Melody'	Flower colour	white	red violet

**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	'Orchestra'	'Lady Claire'
<input type="checkbox"/> Lightsprout: size	medium to large	medium to large
<input type="checkbox"/> *Lightsprout: shape	ovoid	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium to strong	strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	High
<input type="checkbox"/> *Lightsprout: pubescence of base	medium	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	weak to medium
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	medium to strong
<input type="checkbox"/> *Lightsprout: number of root tips	medium	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input checked="" type="checkbox"/> Plant: foliage structure	intermediate type	leaf type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	medium
<input type="checkbox"/> Leaf: outline size	medium to large	medium to large
<input type="checkbox"/> Leaf: openness	intermediate to open	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium to strong
<input checked="" type="checkbox"/> Leaf: green colour	medium to dark	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low to medium
<input type="checkbox"/> Leaflet: waviness of margin	weak	weak to medium
<input type="checkbox"/> Leaflet: depth of veins	medium	shallow to medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	dull to medium

<input type="checkbox"/>	Flower bud: anthocyanin colouration	weak	absent or very weak
<input type="checkbox"/>	Plant: height	medium to tall	tall
<input checked="" type="checkbox"/>	*Plant: frequency of flowers	high	low
<input type="checkbox"/>	Inflorescence: size	medium to large	small
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	*Plant: time of maturity	early	late
<input type="checkbox"/>	*Tuber: shape	oval	oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	medium
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	weak

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

<b>Organ/Plant Part: Context</b>	<b>‘Orchestra’</b>	<b>‘Lady Claire’</b>
<input type="checkbox"/> Stem: thickness	medium	medium
<input type="checkbox"/> Secondary leaflet on lateral leaflet: size	medium	medium
<input checked="" type="checkbox"/> Tuber: skin smoothness	smooth	medium

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Netherlands	2006	Granted	‘Orchestra’
EU	2006	Granted	‘Orchestra’

First sold in March 2007 in The Netherlands.

Description: **John Fennell**, Blakiston, SA.

**Details of Application**

<b>Application Number</b>	2009/214
<b>Variety Name</b>	'Senna'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	29 Oct 2009
<b>Applicant</b>	Landbrugets Kartoffelfond, Denmark
<b>Agent</b>	Agtec Agriculture Pty Ltd, Hillston, NSW
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb – May 2010.
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: 'Rosella' (female) x 90-BOT-611 in the Landbrugets Kartoffelfond Potato Breeding Program at Vandel, Denmark in 1990. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line 98-CXQ-4 was selected and released as 'Senna' in 2009. The female parent has white flowers. The male parent has cream coloured tuber flesh.

**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>
Tuber	shape	Oval
Tuber	skin smoothness	Smooth
Tuber	flesh colour	medium to dark yellow

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

<b>Name</b>	<b>Comments</b>
'Laura'	

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Desiree'	Tuber skin colour	dark red	light red

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

Organ/Plant Part: Context	'Senna'	'Laura'
<input type="checkbox"/> Lightsprout: size	medium	small to medium
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	strong to very strong	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	small to medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	intermediate
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak to medium	strong
<input type="checkbox"/> Lightsprout: pubescence of tip	medium	medium
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium to many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	medium to strong	weak
<input type="checkbox"/> Leaf: outline size	medium	medium to large
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	weak	weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium to large
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	medium
<input checked="" type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	medium
<input type="checkbox"/> Leaflet: waviness of margin	weak to medium	medium
<input type="checkbox"/> Leaflet: depth of veins	medium to deep	medium to deep
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	medium
<input type="checkbox"/> Flower bud: anthocyanin colouration	weak	absent or very weak

<input type="checkbox"/>	Plant: height	medium to tall	tall
<input checked="" type="checkbox"/>	*Plant: frequency of flowers	high	medium
<input type="checkbox"/>	Inflorescence: size	medium to large	small to medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	medium	weak to medium
<input type="checkbox"/>	Flower corolla: size	medium to large	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	medium	weak
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	medium	small
<input type="checkbox"/>	*Plant: time of maturity	medium	medium
<input type="checkbox"/>	*Tuber: shape	oval	oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	very shallow to shallow
<input type="checkbox"/>	*Tuber: colour of skin	red	red
<input type="checkbox"/>	*Tuber: colour of base of eye	red	red
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	medium yellow	dark yellow

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

<b>Organ/Plant Part: Context</b>	<b>‘Senna’</b>	<b>‘Laura’</b>	
<input type="checkbox"/>	Stem: thickness	thick	medium
<input checked="" type="checkbox"/>	Secondary leaflet on lateral leaflet: size	small	medium
<input type="checkbox"/>	Tuber: skin smoothness	smooth	smooth
<input checked="" type="checkbox"/>	Tuber: size of lenticels	small	large

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Norway	2008	Applied	‘Senna’
EU	2008	Granted’	‘Senna’

First sold in April 2009

Description: **John Fennell**, Blakiston, SA.



**Details of Application**

<b>Application Number</b>	2009/216
<b>Variety Name</b>	'Polaris'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	29 Oct 2009
<b>Applicant</b>	Lasndbrugets Kartoffelfond, Denmark
<b>Agent</b>	Agtec Agriculture Pty Ltd, Hillston, NSW
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb to May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: breeding line N86-BCK-21 (female) was pollinated by breeding line N84-AXX-3 (male) in the Landbrugets Kartoffelfond Potato Breeding Program in Vandel, Denmark in 1984. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line 97-CHV-1 was selected and released as 'Polaris' in 2009. Both parents have round-oval to round tubers and 'Polaris' has oval tubers.

**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>
Tuber	shape	short-oval to oval
Tuber	skin colour	Yellow
Tuber	flesh colour	light to medium yellow
Leaflet	width	Narrow

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

<b>Name</b>	<b>Comments</b>
'Winston'	

**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>‘Polaris’</b>	<b>‘Winston’</b>
<input type="checkbox"/> Lightsprout: size	medium to large	medium to large
<input checked="" type="checkbox"/> *Lightsprout: shape	spherical	broad cylindrical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong to very strong	weak
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium to strong	weak
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium to large	
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	closed to intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	strong	weak
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	weak to medium
<input type="checkbox"/> *Lightsprout: number of root tips	medium to many	Few
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	medium	weak
<input type="checkbox"/> Leaf: outline size	medium to large	small to medium
<input type="checkbox"/> Leaf: openness	intermediate to open	open
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	strong	weak
<input type="checkbox"/> Leaf: green colour	light to medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	weak to medium	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	narrow
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	medium	low
<input type="checkbox"/> Leaflet: waviness of margin	weak to medium	weak
<input type="checkbox"/> Leaflet: depth of veins	shallow to medium	shallow to medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	medium to glossy
<input type="checkbox"/> Flower bud: anthocyanin colouration	strong	
<input checked="" type="checkbox"/> Plant: height	tall	medium
<input checked="" type="checkbox"/> *Plant: frequency of flowers	high	absent or very low

<input type="checkbox"/>	Inflorescence: size	medium to large	
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	medium	
<input type="checkbox"/>	Flower corolla: size	medium to large	
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	
<input type="checkbox"/>	*Plant: time of maturity	late	
<input type="checkbox"/>	*Tuber: shape	short-oval	short-oval
<input type="checkbox"/>	Tuber: depth of eyes	deep	very shallow
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	medium yellow	light yellow
<input checked="" type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	strong to very strong	absent or very weak

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

<b>Organ/Plant Part: Context</b>	<b>‘Polaris’</b>	<b>‘Winston’</b>
<input type="checkbox"/> Stem: thickness	thick	medium
<input checked="" type="checkbox"/> Secondary leaflet on lateral leaflet: size	large	small
<input checked="" type="checkbox"/> Tuber: skin smoothness	rough	smooth

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Norway	2008	Applied	‘Polaris’
EU	2008	Granted	‘Polaris’

First sold in April 2008

Description: **John Fennell**, Blakiston, SA.

**Details of Application**

<b>Application Number</b>	2008/079
<b>Variety Name</b>	'Smiley'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	13 Aug 2009
<b>Applicant</b>	Higgins Agriculture, United Kingdom
<b>Agent</b>	Western Potatoes Limited, Claremont, WA
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6.
<b>Period</b>	Feb to May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 February 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: 'Rode Eersteling' x SVP P80 1756 619 in the Aardappel Veredelingsbedrijf D Biedmond BV Potato Breeding Program in the Netherlands in 1998. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. A breeding line was selected from this cross and released as 'Smile' in 2006. The female parent has all red skin and lacks the distinctive white eye brow mark of 'Smile'. This variety is being named 'Smiley' in Australia.

**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>
Tuber	skin colour	red
Plant	foliage structure	Intermediate
Tuber	shape	oval to long oval
Tuber	flesh colour	light yellow
Tuber	skin smoothness	smooth to medium
Tuber	eye depth	Medium

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

Name	Comments
'Desiree'	
'Red Rascal'	

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Red Rascal'	Tuber skin colour	red with white mark on eye	red without white mark

**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	'Smiley'	'Desiree'
<input type="checkbox"/> Lightsprout: size	medium	large
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	narrow cylindrical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	medium
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium	medium
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	large	small
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	closed
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	strong	absent or very weak
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	strong	absent or very weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	many
<input checked="" type="checkbox"/> Lightsprout: length of lateral shoots	long	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright to spreading	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	medium	weak to medium
<input type="checkbox"/> Leaf: outline size	medium	small to medium
<input type="checkbox"/> Leaf: openness	intermediate	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium
<input type="checkbox"/> Leaf: green colour	light to medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	medium	weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium to broad	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	medium to high	low
<input type="checkbox"/> Leaflet: waviness of margin	weak	absent or very

<input type="checkbox"/>	Leaflet: depth of veins	medium	weak medium to deep
<input checked="" type="checkbox"/>	Leaflet: glossiness of the upperside	dull	medium to glossy
<input type="checkbox"/>	Flower bud: anthocyanin colouration	weak to medium	weak
<input type="checkbox"/>	Plant: height	short to medium	medium
<input type="checkbox"/>	*Plant: frequency of flowers	absent or very low	medium to high
<input type="checkbox"/>	Inflorescence: size	small	medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	medium	medium
<input type="checkbox"/>	Flower corolla: size	medium	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	medium to strong	medium
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	medium	medium
<input checked="" type="checkbox"/>	*Plant: time of maturity	early	medium
<input checked="" type="checkbox"/>	*Tuber: shape	oval	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	medium	medium
<input checked="" type="checkbox"/>	*Tuber: colour of skin	Red parti-coloured	red
<input type="checkbox"/>	*Tuber: colour of base of eye	white	red
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow

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

<b>Organ/Plant Part: Context</b>	<b>'Smiley'</b>	<b>'Desiree'</b>
<input type="checkbox"/> Stem: thickness	medium	thick
<input type="checkbox"/> Secondary leaflet on lateral leaflet: size	medium	medium
<input checked="" type="checkbox"/> Tuber: skin smoothness	medium	smooth
<input type="checkbox"/> Flower: size of white tips	large	medium

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
The Netherlands	2003	Granted	'Smile'
EU	2006	Granted	'Smile'

First sold in UK December 2005

Description: **John Fennell**, Blakiston, SA.

**Details of Application**

<b>Application Number</b>	2009/215
<b>Variety Name</b>	'BUY 1'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	29 Oct 2009
<b>Applicant</b>	Landbrugets Kartoffelfond, Denmark
<b>Agent</b>	Agtec Agriculture Pty Ltd, Hillston, NSW
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6
<b>Period</b>	Feb to May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: N85-BAX-10 x N86-BCC-13 in the Landbrugets Kartoffelfond Potato Breeding Program in Vandel, Denmark in 1985. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. Breeding line 92-BUY-1 was selected and has not yet been commercially released. It will be released as 'BUY 1' in 2010. The female parent has more oval shaped tubers. The male parent has long oval tuber shape.

**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>
Tuber	shape	short oval to oval
Tuber	flesh colour	light to medium yellow
Tuber	skin colour	yellow
Lightsprout	shape	ovoid

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

<b>Name</b>	<b>Comments</b>
'Lady Claire'	

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Orla'	Plant	height	medium to tall	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	'BUY 1'	'Lady Claire'
<input type="checkbox"/> Lightsprout: size	large	medium to large
<input type="checkbox"/> *Lightsprout: shape	ovoid	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	high
<input type="checkbox"/> *Lightsprout: pubescence of base	strong	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak to medium	weak to medium
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	medium to strong
<input type="checkbox"/> *Lightsprout: number of root tips	medium to many	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	leaf type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	medium
<input type="checkbox"/> Leaf: outline size	medium	medium to large
<input checked="" type="checkbox"/> Leaf: openness	intermediate	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	strong	medium to strong
<input type="checkbox"/> Leaf: green colour	medium to dark	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	very weak to weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium to broad	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low to medium
<input type="checkbox"/> Leaflet: waviness of margin	medium	weak to medium
<input type="checkbox"/> Leaflet: depth of veins	medium to deep	shallow to medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium to glossy	dull to medium
<input type="checkbox"/> Flower bud: anthocyanin colouration	weak	absent or very



			weak
<input type="checkbox"/>	Plant: height	medium to tall	tall
<input type="checkbox"/>	*Plant: frequency of flowers	high to very high	low
<input type="checkbox"/>	Inflorescence: size	medium to large	small
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	absent or very weak	absent or very weak
<input type="checkbox"/>	Flower corolla: size	medium to large	medium
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	*Plant: time of maturity	early to medium	late
<input type="checkbox"/>	*Tuber: shape	short-oval	oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	medium
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow
<input checked="" type="checkbox"/>	*Tuber: colour of base of eye	white	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	medium yellow	light yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	weak

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

<b>Organ/Plant Part: Context</b>	<b>'BUY 1'</b>	<b>'Lady Claire'</b>
<input checked="" type="checkbox"/> Stem: thickness	thick	thin
<input checked="" type="checkbox"/> Secondary leaflet on lateral leaflet: size	large	small
<input checked="" type="checkbox"/> Tuber: skin smoothness	rough	medium
<input checked="" type="checkbox"/> Leaflet: hairiness	strong	weak

### **Prior Applications and Sales**

Nil.

Description: **John Fennell**, Blakiston, SA.

**Details of Application**

<b>Application Number</b>	2008/090
<b>Variety Name</b>	'VERDI'
<b>Genus Species</b>	<i>Solanum tuberosum</i>
<b>Common Name</b>	Potato
<b>Synonym</b>	
<b>Accepted Date</b>	20 Jun 2008
<b>Applicant</b>	SaKA Planzenzucht GbR, Germany
<b>Agent</b>	Western Potatoes Limited, West Perth, WA
<b>Qualified Person</b>	John Fennell

**Details of Comparative Trial**

<b>Location</b>	Waikerie SA
<b>Descriptor</b>	Potato ( <i>Solanum tuberosum</i> ) TG/23/6
<b>Period</b>	Feb – May 2010
<b>Conditions</b>	Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 22 Feb 2010. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses.
<b>Trial Design</b>	Randomised complete block design. Three replicates of 20 plants per variety.
<b>Measurements</b>	Observations of plant and foliage characteristics were taken on 15 and 27 Apr 2010. Daylength conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 23 May 2010. Lightsprout data was sourced from UPOV descriptions.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: 'Tomensa' x 'Diana' in the SaKA Planzenzucht GbR Potato Breeding Program in Windeby, Germany in 1994. Subsequently selection trials occurred at multiple sites with the main selection criteria being marketable yield, maturity time, tuber appearance, disease resistances, cooking quality and storability. A breeding line was selected and released as 'Verdi' in 2004. The female parent is earlier in maturity and has white flowers. The male parent is earlier in maturity and has oval tuber shape.

**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>
Tuber	shape	short oval
Tuber	skin smoothness	medium to rough
Flower	colour	red violet
Tuber	drymatter content	high

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

<b>Name</b>	<b>Comments</b>
'Atlantic'	

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Snowden'	Flower colour	red violet	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	'VERDI'	'Atlantic'
<input type="checkbox"/> Lightsprout: size	small to medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	conical	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	medium
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	high
<input type="checkbox"/> *Lightsprout: pubescence of base	weak	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	closed to intermediate
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	very weak to weak
<input type="checkbox"/> Lightsprout: pubescence of tip	weak to medium	weak to medium
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	short to medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	weak
<input checked="" type="checkbox"/> Leaf: outline size	small	medium
<input type="checkbox"/> Leaf: openness	open	intermediate to open
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	medium	strong
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	medium
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	weak	weak
<input type="checkbox"/> Leaflet: depth of veins	medium to deep	medium to deep
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	dull to medium

<input type="checkbox"/>	Flower bud: anthocyanin colouration	medium	medium
<input type="checkbox"/>	Plant: height	medium	medium
<input type="checkbox"/>	*Plant: frequency of flowers	medium to high	medium
<input type="checkbox"/>	Inflorescence: size	medium to large	small to medium
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak	absent or very weak
<input type="checkbox"/>	Flower corolla: size	large	small
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	medium	medium
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	medium
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	medium	
<input type="checkbox"/>	*Plant: time of maturity	medium	medium
<input type="checkbox"/>	*Tuber: shape	short-oval	short-oval
<input type="checkbox"/>	Tuber: depth of eyes	medium	medium
<input type="checkbox"/>	*Tuber: colour of skin	light beige	light beige
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	light yellow	white
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	weak to medium	absent or very weak

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

<b>Organ/Plant Part: Context</b>	<b>‘VERDI’</b>	<b>‘Atlantic’</b>
<input type="checkbox"/> Stem: thickness	medium	thick
<input type="checkbox"/> Secondary leaflet on lateral leaflet: size	small	small
<input checked="" type="checkbox"/> Tuber: skin smoothness	medium	rough

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Canada	2008	Applied	‘VERDI’
Chile	2006	Granted	‘VERDI’
New Zealand	2008	Applied	‘VERDI’
Poland	2002	Withdrawn	‘VERDI’
EU	2003	Granted	‘VERDI’
Russia	2006	Applied	‘VERDI’
USA	2008	Applied	‘VERDI’
South Africa	2007	Applied	‘VERDI’

First sold in Germany March 2004.

Description: **John Fennell**, Blakiston, SA

**Details of Application**

<b>Application Number</b>	2009/226
<b>Variety Name</b>	'Plumred VI'
<b>Genus Species</b>	<i>Prunus</i> hybrid
<b>Common Name</b>	<i>Prunus</i> - Interspecific Plum
<b>Synonym</b>	Red Red VI
<b>Accepted Date</b>	11 Nov 2009
<b>Applicant</b>	Lowell G. Bradford, Le Grand, CA, USA
<b>Agent</b>	Buchanan's Nursery, Hodgsonvale, QLD
<b>Qualified Person</b>	Peter Buchanan

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	United States Patent and Trademark Office (USPTO)
<b>Overseas Data Reference Number</b>	US Plant Patent 21,051
<b>Location</b>	Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352.
<b>Descriptor</b>	Japanese Plum ( <i>Prunus salicina</i> ) TG/84/3
<b>Period</b>	2 years
<b>Conditions</b>	The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue.
<b>Trial Design</b>	10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings.
<b>Measurements</b>	Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 21,051. Upon completion of the observations the variety matched the supplied description in all ways.
<b>RHS Chart - edition</b>	Nil

**Origin and Breeding**

Controlled pollination: During the blooming season Glen Bradford isolated as seed parents individual and groups of different plum trees by covering them with screen houses. A hive of bees was placed inside each house, and bouquets to provide pollen from different plum trees are placed in buckets near the trees approximately every two days for the duration of the bloom. During 2000 one such house containing a 'Fortune' plum tree was crossed by Glen Bradford in this manner. To pollinate the 'Fortune' plum, he selected bouquets from several sources of plum trees, apricots and interspecific plum-apricot without keeping specific written details. Upon reaching maturity the fruit from the 'Fortune' plum was harvested and the seeds removed, cracked and stratified as a group with the label "H4". They were grown as seedlings on their own roots and then planted into a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the summer of 2003 the claimed variety was selected as a single plant from the group of seedlings described above.

Subsequent to the origination of the present variety it was asexually reproduced using budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	symmetry	symmetric
Fruit	shape of apex	flat
Fruit	position of maximum diameter	at centre
Fruit	ground colour of skin	red
Fruit	acidity	medium
Fruit	time of ripening	medium

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

Name	Comments
'Fortune'	'Fortune' plum is a red skinned plum that matures with the candidate variety. It is also the selected seed parent.

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Black Yummy'	Fruit skin colour	red	black	'Black Yummy' plum was rejected because of different skin colour.

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

Organ/Plant Part: Context	'Plumred VI'	'Fortune'
<input type="checkbox"/> Tree: vigour	medium to strong	medium to strong
<input type="checkbox"/> Tree: density of the head	open	very open to open
<input type="checkbox"/> One year old shoot: attitude	semi-erect to horizontal	erect
<input type="checkbox"/> One year old shoot: intensity of colour	dark	medium to dark
<input type="checkbox"/> Spur: length	medium	medium
<input type="checkbox"/> Wood bud: size	medium	small to medium
<input type="checkbox"/> Wood bud: shape	rounded	conical
<input type="checkbox"/> Wood bud: position relative to shoot	adpressed	adpressed
<input type="checkbox"/> Leaf: attitude	upwards to horizontal	upwards
<input type="checkbox"/> *Leaf blade: shape	elliptic	elliptic
<input type="checkbox"/> *Leaf blade: angle of the tip	pointed	right angle or nearly right angle
<input type="checkbox"/> Leaf blade: green colour of upper side	dark	dark

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

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

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	2009	Granted	'Plumred VI'

Prior sale nil.

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



**Details of Application**

<b>Application Number</b>	2010/070
<b>Variety Name</b>	'KP8'
<b>Genus Species</b>	<i>Chloris gayana</i>
<b>Common Name</b>	Rhodes Grass
<b>Synonym</b>	Nil
<b>Accepted Date</b>	03 May 2010
<b>Applicant</b>	Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd
<b>Agent</b>	N/A
<b>Qualified Person</b>	Donald S. Loch

**Details of Comparative Trial**

<b>Location</b>	Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 50 masl)
<b>Descriptor</b>	Rhodes Grass ( <i>Chloris gayana</i> )
<b>Period</b>	4 Jan 2010 – 15 May 2010
<b>Conditions</b>	Seed sown on 4 Jan 2010; seedlings transplanted individually into 40 x 40 mm tubes (one per tube) on 19 Jan 2010. Seedlings planted out as spaced plants (2.6 m between plants within rows, 3 m between rows) on a red volcanic (krasnozem) soil 5 Feb 2010; weed control by pre-emergence oxadiazon at time of planting, manual weeding, glyphosate, and dicamba + MCPA as required; applied mixed fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) on 21 Jan 2009 to give 101 kg N, 29 kg P, 77 kg K, and 91 kg S per hectare; supplementary irrigation applied as required to maintain unstressed growth.
<b>Trial Design</b>	60 spaced plants of each of 3 cultivars ('KP8', 'KG2', 'KP4') arranged in 12 randomised blocks (rows) with 5 plants per plot; 3 m between blocks (rows) and 2.6 m between plants within blocks.
<b>Measurements</b>	Days to flowering after field planting determined for each plant (15 Mar – 28 Apr 2010); diameter of lateral spread measured 24 Mar 2010; plant habit and stolon characteristics (one stolon sampled per plant) measured 24-25 Mar 2010; leaf and stem colours determined (6 May 2010); one reproductive culm per plant sampled to measure stem, leaf and inflorescence characteristics (7-15 May 2010); culm stem diameter calculated by averaging the diameters of the second lowest internode and the top internode (i.e. below the peduncle).
<b>RHS Chart - edition</b>	2001 edition

**Origin and Breeding**

Mass phenotypic selection was applied to four successive generations of seedlings derived from 'KP4' Rhodes grass grown between 2002 and 2006. In each generation, selection was made progressively in 3 stages based on (1) germination under saline conditions, (2) growth and survival under saline conditions, and (3) improved agronomic characteristics (late flowering, prostrate growth habit, densely branching stolon growth) under non-saline conditions. 'KP8' is a synthetic cultivar derived from

the final 10 plants selected from the F4 breeding generation. These 10 plants were vegetatively propagated to establish a balanced polycross block at Walkamin (QLD) with >100 m isolation from other tetraploid Rhodes grass cultivars. Commercial seed of 'KP8' will be produced from the second generation of multiplication past the initial vegetatively-established polycross plot. Breeder: Margaret Zorin (Birkdale, QLD).

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Stolon	number of branches	many
Flower	time of flowering	early or medium (day-neutral flowering response)

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

Name	Comments
'KP4'	Early flowering diploid Rhodes grass; prostrate to semi-erect spreading growth habit.
'KG2'	Medium flowering diploid Rhodes grass; semi-erect spreading growth habit.

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Nemkat'	Stolon number of branches	many	few	Early-flowering diploid Katambora-type Rhodes grass (day-neutral flowering response)
'Finecut'	Plant growth habit	spreading prostrate	erect	Very early-flowering diploid Katambora-type Rhodes grass (day-neutral flowering response)
'Finecut'	Flower date of flowering	medium	very early	
'Topcut'	Plant growth habit	spreading prostrate	erect	Very early-flowering diploid Pioneer-type Rhodes grass (day-neutral flowering response)
'Topcut'	Flower date of flowering	medium	very early	
'Gulfcut'	Plant growth habit	spreading prostrate	erect	Very early-flowering diploid Katambora-type Rhodes grass (day-neutral flowering response)
'Gulfcut'	Flower date of flowering	medium	very early	
'Reclaimer'	Plant growth habit	spreading prostrate	semi-erect	Very early-flowering diploid Katambora-type Rhodes grass (day-neutral flowering response)
'Reclaimer'	Flower date of flowering	medium	very early	
'Salcut'	Plant growth habit	spreading prostrate	erect	Very early-flowering diploid Pioneer-type Rhodes grass (day-neutral flowering response)

‘Salcut’	Flower date of flowering	medium	very early	
‘Callide’	Ploidy chromosome number	diploid	tetraploid	Late flowering tetraploid Rhodes grass (quantitative short-day flowering response)
‘Samford’	Ploidy chromosome number	diploid	tetraploid	Late flowering tetraploid Rhodes grass (quantitative short-day flowering response)
‘Toro’	Ploidy chromosome number	diploid	tetraploid	Late flowering Callide-type tetraploid Rhodes grass (quantitative short-day flowering response)
‘Sabre’	Ploidy chromosome number	diploid	tetraploid	Late flowering Callide-type tetraploid Rhodes grass (quantitative short-day flowering response)
‘Mariner’	Ploidy chromosome number	diploid	tetraploid	Late flowering Samford-type tetraploid Rhodes grass (quantitative short-day flowering response)

**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>‘KP8’</b>	<b>‘KG2’</b>	<b>‘KP4’</b>
<input type="checkbox"/> Plant: ploidy	diploid	diploid	diploid
<input checked="" type="checkbox"/> Plant: growth habit	prostrate to semi-prostrate	intermediate	semi-prostrate
<input type="checkbox"/> growth habit: expression of stolons	strong to very strong	strong to very strong	strong to very strong
<input type="checkbox"/> Stolon: number of branches	many	many	many to very many
<input checked="" type="checkbox"/> Stolon: length of internode	very short to short	very short to short	short to medium
<input type="checkbox"/> Stolon: width of internode	very narrow to narrow	very narrow to narrow	narrow
<input type="checkbox"/> Stolon: colour where exposed to sun (in summer) (RHS colour chart)	brown green 147B	brown green 146A	dark green 147A
<input type="checkbox"/> Stolon: length of leaf sheath	very short to short	short	short
<input type="checkbox"/> Stolon: length of leaf blade	very short to short	short	short
<input type="checkbox"/> Stolon: width of leaf blade	very narrow to narrow	very narrow to narrow	narrow
<input checked="" type="checkbox"/> Culm: length	short to medium	short	medium
<input checked="" type="checkbox"/> Culm: width	narrow	narrow	narrow to medium
<input type="checkbox"/> Culm: leaf colour (RHS colour chart)	brown green 146A	brown green 146A	brown green 146A
<input type="checkbox"/> Peduncle: length	medium to long	medium	medium to long
<input type="checkbox"/> Peduncle: width	very narrow to narrow	very narrow to narrow	very narrow to narrow
<input checked="" type="checkbox"/> Culm: penultimate leaf sheath length	medium	medium	medium to long
<input checked="" type="checkbox"/> Culm: penultimate leaf blade length	short	short to medium	short to medium

<input type="checkbox"/>	Culm: penultimate leaf blade width	very narrow to narrow	narrow	narrow
<input type="checkbox"/>	Culm: flag leaf sheath length	short to medium	medium	medium
<input type="checkbox"/>	Culm: flag leaf length of blade	very short	very short	very short to short
<input type="checkbox"/>	Culm: flag leaf width of blade	very narrow to narrow	very narrow to narrow	very narrow
<input checked="" type="checkbox"/>	Inflorescence: number of racemes	few	medium	medium
<input checked="" type="checkbox"/>	Inflorescence: attitude of racemes	semi-erect	pendulous to semi-erect	pendulous to semi-erect
<input checked="" type="checkbox"/>	Inflorescence: colour of racemes	medium brown	light brown	dark brown
<input type="checkbox"/>	Inflorescence: average raceme length	very short to short	short	short
<input type="checkbox"/>	Awn: length	medium to long	medium to long	medium to long
<input checked="" type="checkbox"/>	Plant: time of flowering	medium	medium	early

### Statistical Table

Organ/Plant Part: Context	'KP8'	'KG2'	'KP4'
<input type="checkbox"/> Plant: mean plant diameter 79 days after sowing (cm)			
Mean	282.20	266.57	301.98
Std. Deviation	56.05	55.47	61.87
LSD/sig	36.14	ns	ns
<input checked="" type="checkbox"/> Flower: days after sowing to first flowering			
Mean	93.66	96.07	84.45
Std. Deviation	8.61	9.39	10.32
LSD/sig	4.11	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon: length of fourth internode from stolon tip (mm)			
Mean	116.05	119.44	139.81
Std. Deviation	26.13	30.52	29.88
LSD/sig	15.10	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon: diameter of fourth internode from stolon tip (mm)			
Mean	2.65	2.69	3.05
Std. Deviation	0.41	0.35	0.50
LSD/sig	0.25	ns	P≤0.01
<input type="checkbox"/> Stolon: length:diameter ratio of fourth internode from stolon tip			
Mean	43.98	44.56	46.46
Std. Deviation	8.36	10.65	10.12
LSD/sig	5.65	ns	ns
<input type="checkbox"/> Stolon: number of shoots on fourth internode from stolon tip			
Mean	5.23	4.93	5.88
Std. Deviation	3.53	2.17	3.71
LSD/sig	1.50	ns	ns
<input type="checkbox"/> Stolon: length of outer leaf sheath on fourth node from stolon tip (mm)			
Mean	39.18	44.54	42.78
Std. Deviation	8.60	9.09	13.03

LSD/sig	6.58	ns	ns
<input type="checkbox"/> Stolon: length of blade on leaf at fourth node from stolon tip (mm)			
Mean	87.10	103.80	98.97
Std. Deviation	28.63	28.12	41.87
LSD/sig	21.50	ns	ns
<input type="checkbox"/> Stolon: width of blade on leaf at fourth node from stolon tip (mm)			
Mean	5.71	5.70	6.04
Std. Deviation	0.71	0.58	0.88
LSD/sig	0.45	ns	ns
<input type="checkbox"/> Stolon: length:width ratio of blade on leaf at fourth node from stolon tip			
Mean	15.15	18.09	16.40
Std. Deviation	4.10	4.00	6.70
LSD/sig	3.02	P≤0.01	ns
<input type="checkbox"/> Culm: length of mature culm (cm)			
Mean	120.32	115.03	127.70
Std. Deviation	13.41	11.85	15.69
LSD/sig	7.60	ns	ns
<input type="checkbox"/> Culm: number of mature culm nodes (excluding peduncle and plant base)			
Mean	5.78	5.95	5.48
Std. Deviation	1.08	1.42	1.16
LSD/sig	0.71	ns	ns
<input checked="" type="checkbox"/> Culm: diameter of second lowest culm internode (mm)			
Mean	3.51	3.36	3.84
Std. Deviation	0.64	0.42	0.63
LSD/sig	0.30	ns	P≤0.01
<input type="checkbox"/> Culm: diameter of top culm internode below the peduncle (mm)			
Mean	2.27	2.31	2.40
Std. Deviation	0.36	0.33	0.48
LSD/sig	0.20	ns	ns
<input checked="" type="checkbox"/> Culm: mean stem diameter of culm excluding peduncle (mm)			
Mean	2.89	2.84	3.12
Std. Deviation	0.42	0.33	0.51
LSD/sig	0.23	ns	P≤0.01
<input type="checkbox"/> Culm: length of peduncle on flowering culms (mm)			
Mean	330.65	317.52	339.93
Std. Deviation	52.99	49.36	67.76
LSD/sig	25.74	ns	ns
<input type="checkbox"/> Culm: diameter of peduncle on flowering culms (mm)			
Mean	0.91	0.93	0.98
Std. Deviation	0.15	0.12	0.18
LSD/sig	0.09	ns	ns
<input type="checkbox"/> Culm: length of flag leaf sheath on flowering culms (mm)			
Mean	160.85	168.47	171.30
Std. Deviation	20.37	18.64	23.34
LSD/sig	11.44	ns	ns

<input type="checkbox"/>	Culm: length of blade on flag leaf on flowering culms (mm)			
	Mean	89.70	97.52	106.42
	Std. Deviation	39.53	34.33	45.14
	LSD/sig	17.68	ns	ns
<input type="checkbox"/>	Culm: width of blade on flag leaf on flowering culms (mm)			
	Mean	4.02	4.10	3.93
	Std. Deviation	0.97	0.79	1.13
	LSD/sig	0.61	ns	ns
<input checked="" type="checkbox"/>	Culm: length:width ratio of blade on flag leaf on flowering culms			
	Mean	21.91	23.59	27.14
	Std. Deviation	6.35	6.75	8.80
	LSD/sig	3.82	ns	P≤0.01
<input checked="" type="checkbox"/>	Culm: length of sheath on first leaf below flag leaf on flowering culms (mm)			
	Mean	99.68	102.87	112.23
	Std. Deviation	13.66	12.52	14.02
	LSD/sig	6.86	ns	P≤0.01
<input checked="" type="checkbox"/>	Culm: length of blade on first leaf below flag leaf on flowering culms (mm)			
	Mean	190.97	222.93	223.80
	Std. Deviation	64.77	50.15	63.82
	LSD/sig	31.01	P≤0.01	P≤0.01
<input type="checkbox"/>	Culm: width of blade on first leaf below flag leaf on flowering culms (mm)			
	Mean	6.49	6.67	6.76
	Std. Deviation	1.17	0.92	1.78
	LSD/sig	0.70	ns	ns
<input checked="" type="checkbox"/>	Culm: length:width ratio of blade on first leaf below flag leaf on flowering culms			
	Mean	29.16	33.52	33.45
	Std. Deviation	7.26	6.76	6.69
	LSD/sig	2.85	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: total length of racemes per inflorescence (mm)			
	Mean	842.97	1105.00	1091.82
	Std. Deviation	213.95	277.07	312.65
	LSD/sig	130.40	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: number of racemes per inflorescence			
	Mean	10.07	12.57	12.38
	Std. Deviation	2.11	2.67	2.98
	LSD/sig	1.60	P≤0.01	P≤0.01
<input type="checkbox"/>	Inflorescence: mean length of individual racemes (mm)			
	Mean	83.70	87.59	88.26
	Std. Deviation	11.94	9.32	13.40
	LSD/sig	5.62	ns	ns

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2010/071
<b>Variety Name</b>	'KG2'
<b>Genus Species</b>	<i>Chloris gayana</i>
<b>Common Name</b>	Rhodes Grass
<b>Synonym</b>	Nil
<b>Accepted Date</b>	03 May 2010
<b>Applicant</b>	Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd
<b>Agent</b>	N/A
<b>Qualified Person</b>	Donald S. Loch

**Details of Comparative Trial**

<b>Location</b>	Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 50 masl).
<b>Descriptor</b>	Rhodes Grass ( <i>Chloris gayana</i> ) PBR CHLO
<b>Period</b>	4 Jan 2010 – 15 May 2010
<b>Conditions</b>	Seed sown on 4 Jan 2010; seedlings transplanted individually into 40 x 40 mm tubes (one per tube) on 19 Jan 2010. Seedlings planted out as spaced plants (2.6 m between plants within rows, 3 m between rows) on a red volcanic (krasnozem) soil 5 Feb 2010; weed control by pre-emergence oxadiazon at time of planting, manual weeding, glyphosate, and dicamba + MCPA as required; applied mixed fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) on 21 Jan 2009 to give 101 kg N, 29 kg P, 77 kg K, and 91 kg S per hectare; supplementary irrigation applied as required to maintain unstressed growth.
<b>Trial Design</b>	60 spaced plants of each of 3 cultivars ('KG2', 'KP8', 'KP4') arranged in 12 randomised blocks (rows) with 5 plants per plot; 3m between blocks (rows) and 2.6m between plants within blocks.
<b>Measurements</b>	Days to flowering after field planting determined for each plant (15 Mar – 28 Apr 2010); diameter of lateral spread measured 24 Mar 2010; plant habit and stolon characteristics (one stolon sampled per plant) measured 24-25 Mar 2010; leaf and stem colours determined (6 May 2010); one reproductive culm per plant sampled to measure stem, leaf and inflorescence characteristics (7-15 May 2010); culm stem diameter calculated by averaging the diameters of the second lowest internode and the top internode (i.e. below the peduncle).
<b>RHS Chart - edition</b>	2001 edition

**Origin and Breeding**

Mass phenotypic selection was applied to four successive generations of seedlings derived from 'KP4' Rhodes grass grown between 2002 and 2006. In each generation, selection was made progressively in 3 stages based on (1) germination under saline conditions, (2) growth and survival under saline conditions, and (3) improved agronomic characteristics (late flowering, prostrate or semi-erect growth habit, densely branching stolon growth) under non-saline conditions. After 2 generations,



the KG breeding population was split off the main breeding population, which was subsequently used to produce the more prostrate 'KP8'. A further 2 generations of mass selection for leafy semi-erect fine-textured plants in the KG population was conducted in parallel to the KP breeding population. 'KG2' is a synthetic cultivar derived from the final 12 plants selected from the F4 breeding generation. These 12 plants were vegetatively propagated to establish a balanced polycross block at Walkamin (Qld) with >100 m isolation from other tetraploid Rhodes grass cultivars. Commercial seed of 'KG2' will be produced from the second generation of multiplication past the initial vegetatively-established polycross plot. Breeder: Margaret Zorin (Birkdale, QLD).

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Stolon	number of branches	many
Flower	date of flowering	early or medium (day-neutral flowering response)

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

Name	Comments
'KP4'	Flowering diploid Rhodes grass; prostrate to semi-erect spreading growth habit.
'KP8'	Medium flowering diploid Rhodes grass; prostrate spreading growth habit.

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Nemkat'	Stolon number of branches	many	few	Early-flowering diploid Katambora-type Rhodes grass (day-neutral flowering response)
'Finecut'	Plant growth habit	spreading semi-erect	erect	Very early-flowering diploid Katambora-type Rhodes grass (day-neutral flowering response)
'Finecut'	Flower date of flowering	medium	very early	
'Topcut'	Plant growth habit	spreading semi-erect	erect	Very early-flowering diploid Pioneer-type Rhodes grass (day-neutral flowering response)
'Topcut'	Flower date of flowering	medium	very early	
'Gulfcut'	Plant growth habit	spreading semi-erect	erect	Very early-flowering diploid Katambora-type Rhodes grass (day-neutral flowering response)
'Gulfcut'	Flower date of flowering	medium	very early	
'Reclaimer'	Plant growth habit	spreading semi-erect	semi-erect	Very early-flowering diploid Katambora-type Rhodes grass (day-neutral flowering response)
'Reclaimer'	Flower date of	medium	very early	

‘Salcut’	Plant	flowering growth habit spreading semi-erect	erect	Very early-flowering diploid Pioneer-type Rhodes grass (day- neutral flowering response)
‘Salcut’	Flower date of flowering	medium	very early	
‘Callide’	Ploidy	chromosome diploid number	tetraploid	Late flowering tetraploid Rhodes grass (quantitative short-day flowering response)
‘Samford’	Ploidy	chromosome diploid number	tetraploid	Late flowering tetraploid Rhodes grass (quantitative short-day flowering response)
‘Toro’	Ploidy	chromosome diploid number	tetraploid	Late flowering Callide-type tetraploid Rhodes grass (quantitative short-day flowering response)
‘Sabre’	Ploidy	chromosome diploid number	tetraploid	Late flowering Callide-type tetraploid Rhodes grass (quantitative short-day flowering response)
‘Mariner’	Ploidy	chromosome diploid number	tetraploid	Late flowering Samford-type tetraploid Rhodes grass (quantitative short-day flowering response)

**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	‘KG2’	‘KP4’	‘KP8’
<input type="checkbox"/> Plant: ploidy	diploid	diploid	diploid
<input checked="" type="checkbox"/> Plant: growth habit	intermediate	semi-prostrate	prostrate to semi-prostrate
<input type="checkbox"/> growth habit: expression of stolons	strong to very strong	strong to very strong	strong to very strong
<input type="checkbox"/> Stolon: number of branches	many	many to very many	many
<input checked="" type="checkbox"/> Stolon: length of internode	very short to short	short to medium	very short to short
<input checked="" type="checkbox"/> Stolon: width of internode	very narrow to narrow	narrow	very narrow to narrow
<input type="checkbox"/> Stolon: colour where exposed to sun (in summer) (RHS colour chart)	brown green 146A	dark green 147A	dark green 147B
<input type="checkbox"/> Stolon: length of leaf sheath	short	short	very short to short
<input type="checkbox"/> Stolon: length of leaf blade	short	short	very short to short
<input type="checkbox"/> Stolon: width of leaf blade	very narrow to narrow	narrow	very narrow to narrow
<input checked="" type="checkbox"/> Culm: length	short	medium	short to medium
<input checked="" type="checkbox"/> Culm: width	narrow	narrow to medium	narrow
<input type="checkbox"/> Culm: leaf colour (RHS colour chart)	brown green 146A	brown green 146A	brown green 146A
<input type="checkbox"/> Peduncle: length	medium	medium to long	medium to long

<input type="checkbox"/>	Peduncle: width	very narrow to narrow	very narrow to narrow	very narrow to narrow
<input checked="" type="checkbox"/>	Culm: penultimate leaf sheath length	medium	medium to long	medium
<input checked="" type="checkbox"/>	Culm: penultimate leaf blade length	short to medium	short to medium	short
<input type="checkbox"/>	Culm: penultimate leaf blade width	narrow	narrow	very narrow to narrow
<input type="checkbox"/>	Culm: flag leaf sheath length	medium	medium	short to medium
<input type="checkbox"/>	Culm: flag leaf length of blade	very short	very short to short	very short
<input type="checkbox"/>	Culm: flag leaf width of blade	very narrow to narrow	very narrow	very narrow to narrow
<input checked="" type="checkbox"/>	Inflorescence: number of racemes	medium	medium	few
<input checked="" type="checkbox"/>	Inflorescence: attitude of racemes	pendulous to semi-erect	pendulous to semi-erect	semi-erect
<input checked="" type="checkbox"/>	Inflorescence: colour of racemes	light brown	dark brown	medium brown
<input type="checkbox"/>	Inflorescence: average raceme length	short	short	very short to short
<input type="checkbox"/>	Awn: length	medium to long	medium to long	medium to long
<input checked="" type="checkbox"/>	Plant: time of flowering	medium	early	medium

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘KG2’</b>	<b>‘KP4’</b>	<b>‘KP8’</b>
<input type="checkbox"/> Plant: mean plant diameter 79 days after sowing (cm)			
Mean	266.57	301.98	282.20
Std. Deviation	55.47	61.87	56.05
LSD/sig	36.14	ns	ns
<input checked="" type="checkbox"/> Flower: days after sowing to first flowering			
Mean	96.07	84.45	93.66
Std. Deviation	9.39	10.32	8.61
LSD/sig	4.11	P≤0.01	ns
<input checked="" type="checkbox"/> Stolon: length of fourth internode from stolon tip (mm)			
Mean	119.44	139.81	116.05
Std. Deviation	30.52	29.88	26.13
LSD/sig	15.10	P≤0.01	ns
<input checked="" type="checkbox"/> Stolon: diameter of fourth internode from stolon tip (mm)			
Mean	2.69	3.05	2.65
Std. Deviation	0.35	0.50	0.41
LSD/sig	0.25	P≤0.01	ns
<input type="checkbox"/> Stolon: length:diameter ratio of fourth internode from stolon tip			
Mean	44.56	46.46	43.98
Std. Deviation	10.65	10.12	8.36
LSD/sig	5.65	ns	ns
<input type="checkbox"/> Stolon: number of shoots on fourth internode from stolon tip			
Mean	4.93	5.88	5.23
Std. Deviation	2.17	3.71	3.53

LSD/sig	1.50	ns	ns
<input type="checkbox"/> Stolon: length of outer leaf sheath on fourth node from stolon tip (mm)			
Mean	44.54	42.78	39.18
Std. Deviation	9.09	13.03	8.60
LSD/sig	6.58	ns	ns
<input type="checkbox"/> Stolon: length of blade on leaf at fourth node from stolon tip (mm)			
Mean	103.80	98.97	87.10
Std. Deviation	28.12	41.87	28.63
LSD/sig	21.50	ns	ns
<input type="checkbox"/> Stolon: width of blade on leaf at fourth node from stolon tip (mm)			
Mean	5.70	6.04	5.71
Std. Deviation	0.58	0.88	0.71
LSD/sig	0.45	ns	ns
<input type="checkbox"/> Stolon: length:width ratio of blade on leaf at fourth node from stolon tip			
Mean	18.09	16.40	15.15
Std. Deviation	4.00	6.70	4.10
LSD/sig	3.02	ns	ns
<input checked="" type="checkbox"/> Culm: length of mature culm (cm)			
Mean	115.03	127.70	120.32
Std. Deviation	11.85	15.69	13.41
LSD/sig	7.60	P≤0.01	ns
<input type="checkbox"/> Culm: number of mature culm nodes (excluding peduncle and plant base)			
Mean	5.95	5.48	5.78
Std. Deviation	1.42	1.16	1.08
LSD/sig	0.71	ns	ns
<input checked="" type="checkbox"/> Culm: diameter of second lowest culm internode (mm)			
Mean	3.36	3.84	3.51
Std. Deviation	0.42	0.63	0.64
LSD/sig	0.30	P≤0.01	ns
<input type="checkbox"/> Culm: diameter of top culm internode below the peduncle (mm)			
Mean	2.31	2.40	2.27
Std. Deviation	0.33	0.48	0.36
LSD/sig	0.20	ns	ns
<input checked="" type="checkbox"/> Culm: mean stem diameter of culm excluding peduncle (mm)			
Mean	2.84	3.12	2.89
Std. Deviation	0.33	0.51	0.42
LSD/sig	0.23	P≤0.01	ns
<input type="checkbox"/> Culm: length of peduncle on flowering culms (mm)			
Mean	317.52	339.93	330.65
Std. Deviation	49.36	67.76	52.99
LSD/sig	25.74	ns	ns
<input type="checkbox"/> Culm: diameter of peduncle on flowering culms (mm)			
Mean	0.93	0.98	0.91
Std. Deviation	0.12	0.18	0.15
LSD/sig	0.09	ns	ns

<input type="checkbox"/>	Culm: length of flag leaf sheath on flowering culms (mm)			
	Mean	168.47	171.30	160.85
	Std. Deviation	18.64	23.34	20.37
	LSD/sig	11.44	ns	ns
<input type="checkbox"/>	Culm: length of blade on flag leaf on flowering culms (mm)			
	Mean	97.52	106.42	89.70
	Std. Deviation	34.33	45.14	39.53
	LSD/sig	17.68	ns	ns
<input type="checkbox"/>	Culm: width of blade on flag leaf on flowering culms (mm)			
	Mean	4.10	3.93	4.02
	Std. Deviation	0.79	1.13	0.97
	LSD/sig	0.61	ns	ns
<input type="checkbox"/>	Culm: length:width ratio of blade on flag leaf on flowering culms			
	Mean	23.59	27.14	21.91
	Std. Deviation	6.75	8.80	6.35
	LSD/sig	3.82	ns	ns
<input checked="" type="checkbox"/>	Culm: length of sheath on first leaf below flag leaf on flowering culms (mm)			
	Mean	102.87	112.23	99.68
	Std. Deviation	12.52	14.02	13.66
	LSD/sig	6.86	P≤0.01	ns
<input checked="" type="checkbox"/>	Culm: length of blade on first leaf below flag leaf on flowering culms (mm)			
	Mean	222.93	223.80	190.97
	Std. Deviation	50.15	63.82	64.77
	LSD/sig	31.01	ns	P≤0.01
<input type="checkbox"/>	Culm: width of blade on first leaf below flag leaf on flowering culms (mm)			
	Mean	6.67	6.76	6.49
	Std. Deviation	0.92	1.78	1.17
	LSD/sig	0.70	ns	ns
<input checked="" type="checkbox"/>	Culm: length:width ratio of blade on first leaf below flag leaf on flowering culms			
	Mean	33.52	33.45	29.16
	Std. Deviation	6.76	6.69	7.26
	LSD/sig	2.85	ns	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: total length of racemes per inflorescence (mm)			
	Mean	1105.00	1091.82	842.97
	Std. Deviation	277.07	312.65	213.95
	LSD/sig	130.40	ns	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: number of racemes per inflorescence			
	Mean	12.57	12.38	10.07
	Std. Deviation	2.67	2.98	2.11
	LSD/sig	1.60	ns	P≤0.01
<input type="checkbox"/>	Inflorescence: mean length of individual racemes (mm)			
	Mean	87.59	88.26	83.70
	Std. Deviation	9.32	13.40	11.94
	LSD/sig	5.62	ns	ns

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2008/226
<b>Variety Name</b>	'Schaelic'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	St. Patrick!
<b>Accepted Date</b>	02 Oct 2008
<b>Applicant</b>	Piet Schreurs Holding B.V. Netherland
<b>Agent</b>	Schreurs Australia (Pty) Ltd, NSW
<b>Qualified Person</b>	Ian Paananen, Central Coast, NSW

**Details of Comparative Trial**

<b>Overseas Testing</b>	Naktuinbow, Netherland
<b>Authority</b>	
<b>Overseas Data</b>	2006/1639
<b>Reference Number</b>	
<b>Location</b>	Leppington, NSW
<b>Descriptor</b>	Rose ( <i>Rosa</i> ) (new) TG/11/8
<b>Period</b>	Mar-May 2010
<b>Conditions</b>	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, The Netherlands. Plants were on their own roots, stems were disbudded to a single flower according to standard commercial practice, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
<b>Trial Design</b>	Completely random selection from commercial beds.
<b>Measurements</b>	One per plant.
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

Controlled pollination: unnamed seed parent x unnamed pollen parent, in a planned breeding program at De Kwakel, The Netherlands during the years 2001 to 2004. Both parents are non-commercial varieties within the breeding programme. Selection criteria: long stem length, suited to dry shipment, suitable commercial yield of flower stems, attractive green flower colour, upright growth habit, disease resistance. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth type	bed
Plant	growth habit	upright
Flower	colour group	green

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

Name	Comments
'SPEbegro'	Also known as 'Green Planet'.

**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	'Schaelic'	'SPEbegro'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	short to medium	short to medium
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	present	absent
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak	
<input checked="" type="checkbox"/> Stem: number of prickles	absent or very few	medium
<input type="checkbox"/> Leaf: size	small to medium	
<input type="checkbox"/> Leaf: intensity of green colour	medium	
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	
<input type="checkbox"/> *Leaf: glossiness of upper side	medium	
<input type="checkbox"/> *Leaflet: undulation of margin	weak to medium	
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	
<input type="checkbox"/> Flowering shoot: flowering laterals	absent	
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	very few	
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium to many	medium
<input type="checkbox"/> *Flower: colour group	green	green
<input type="checkbox"/> Flower: colour of the centre	green	green
<input checked="" type="checkbox"/> Flower: density of petals	dense	medium
<input checked="" type="checkbox"/> *Flower: diameter	small to medium	medium to large
<input checked="" type="checkbox"/> *Flower: shape	irregularly rounded	star-shaped
<input checked="" type="checkbox"/> Flower: profile of upper part	flattened convex	flat
<input checked="" type="checkbox"/> *Flower: profile of lower part	flat	flattened convex



<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	strong to very strong	
<input checked="" type="checkbox"/>	Petals: reflexing of petals one-by-one	present	absent
<input type="checkbox"/>	*Petal: shape	transverse elliptic	
<input checked="" type="checkbox"/>	Petal: incisions	very weak to weak	medium
<input type="checkbox"/>	Petal: reflexing of margin	very weak to weak	absent or very weak
<input type="checkbox"/>	Petal: undulation	weak to medium	weak to medium
<input type="checkbox"/>	*Petal: size	medium	medium to large
<input type="checkbox"/>	*Petal: length	medium	medium to long
<input type="checkbox"/>	*Petal: width	medium to broad	broad
<input checked="" type="checkbox"/>	*Petal: number of colours on inner side	two	one
<input type="checkbox"/>	*Petal: intensity of colour	even	even
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	light green 145D to yellow green 150D	
<input type="checkbox"/>	*Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	light blue pink ca 54D	
<input type="checkbox"/>	*Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	at marginal zone	
<input type="checkbox"/>	*Petal: basal spot on the inner side	absent	
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	light green 145D to yellow green 150D	
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2008	Granted	'Schaelic'

First sold in Sri Lanka January 2006.

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

**Details of Application**

<b>Application Number</b>	2008/225
<b>Variety Name</b>	'Schowinti'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	Voodoo!
<b>Accepted Date</b>	02 Oct 2008
<b>Applicant</b>	Piet Schreurs Holding B.V. Netherland
<b>Agent</b>	Schreurs Australia (Pty) Ltd, NSW
<b>Qualified Person</b>	Ian Paananen., Central Coast, NSW

**Details of Comparative Trial**

<b>Overseas Testing</b>	Naktuinbow, Netherland
<b>Authority</b>	
<b>Overseas Data</b>	AO5931
<b>Reference Number</b>	
<b>Location</b>	Leppington, NSW
<b>Descriptor</b>	Rose ( <i>Rosa</i> ) (new) TG/11/8
<b>Period</b>	Mar-May 2010
<b>Conditions</b>	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, The Netherlands. Plants were on their own roots, stems were disbudded to a single flower according to standard commercial practice, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
<b>Trial Design</b>	Completely random selection from commercial beds.
<b>Measurements</b>	One per plant.
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

Controlled pollination: un-named seed parent x un-named pollen parent, in a planned breeding program at De Kwakel, The Netherlands during the years 1999 to 2003. Both parents are non-commercial varieties within the breeding programme. Selection criteria: long stem length, suited to dry shipment, suitable commercial yield of flower stems, attractive orange flower colour, upright growth habit, disease resistance. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	narrow bushy
Flower	diameter	Medium
Flower	fragrance	Weak

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

Name	Comments
'Schretulp'	From the same breeder.

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

Organ/Plant Part: Context	'Schowinti'	'Schretulp'
<input type="checkbox"/> Plant: growth habit	narrow bushy	narrow bushy
<input type="checkbox"/> Plant: height	medium	short to medium
<input type="checkbox"/> Plant: width	narrow to medium	medium
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	strong to very strong	weak to medium
<input type="checkbox"/> Young shoot: hue of anthocyanin colouration	reddish brown	bronze to reddish brown
<input type="checkbox"/> Prickles: presence	present	present
<input type="checkbox"/> Prickle: shape of lower side	concave	deep concave
<input checked="" type="checkbox"/> Short prickles: number	medium	few
<input checked="" type="checkbox"/> Long prickles: number	medium	few
<input type="checkbox"/> *Leaf: size	medium to large	medium to large
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> *Leaf: glossiness of upper side	medium	medium
<input checked="" type="checkbox"/> Leaflet: cross section	slight convex	slight concave
<input type="checkbox"/> Leaflet: undulation of margin	weak	absent or very weak
<input type="checkbox"/> Terminal leaflet: length of blade	medium to long	medium
<input type="checkbox"/> Terminal leaflet: width of blade	medium	medium
<input type="checkbox"/> Terminal leaflet: shape of base	rounded	rounded
<input checked="" type="checkbox"/> Flower pedicel: number of hairs or prickles	many	very few
<input type="checkbox"/> Flower bud: shape of longitudinal section	ovate	ovate
<input checked="" type="checkbox"/> *Flower: type	double	semi-double
<input type="checkbox"/> Flower: number of petals	medium to many	few
<input type="checkbox"/> *Flower : diameter	medium	medium
<input checked="" type="checkbox"/> Flower: view from above	star-shaped	round
<input type="checkbox"/> Flower: side view of upper part	flattened convex	flattened convex
<input type="checkbox"/> Flower: side view of lower part	flat	flat
<input type="checkbox"/> Flower: fragrance	weak	weak
<input checked="" type="checkbox"/> Sepal: extensions	strong to very strong	medium

<input checked="" type="checkbox"/>	*Petal: size	large	small
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of inner side(RHS colour chart)	orange red 028A	orange ca 024A
<input checked="" type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	orange red 028A	light blue pink ca 055C and orange 024A
<input type="checkbox"/>	*Petal: spot at base of inner side	present	present
<input type="checkbox"/>	*Petal: size of spot at base of inner side	medium to large	medium to large
<input checked="" type="checkbox"/>	*Petal: colour of spot at base of inner side (RHS colour chart)	yellow ca 007A	yellow orange ca 014B
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	orange 029B	orange 024B to 028C
<input checked="" type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	orange 029B	orange 024B to 028C
<input checked="" type="checkbox"/>	*Petal: spot at base of outer side	absent	present
<input checked="" type="checkbox"/>	Petal: reflexing of margin	strong	medium
<input type="checkbox"/>	Petal: undulation of margin	weak	weak
<input type="checkbox"/>	Outer stamen: predominant colour of filament	orange	orange red

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Colombia	2005	Applied	'Schowinti'
Ecuador	2005	Applied	'Schowinti'
Japan	2007	Applied	'Schowinti'

First sold in Ecuador October 2005.

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

**Details of Application**

<b>Application Number</b>	2008/230
<b>Variety Name</b>	'Schiallo'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	Leonessa!
<b>Accepted Date</b>	02 Oct 2008
<b>Applicant</b>	Piet Schreurs Holding B.V. Netherland
<b>Agent</b>	Schreurs Australia (Pty) Ltd
<b>Qualified Person</b>	Ian Paananen., Central Coast, NSW

**Details of Comparative Trial**

<b>Overseas Testing</b>	Naktuinbow, Netherland
<b>Authority</b>	
<b>Overseas Data</b>	2006/0052
<b>Reference Number</b>	
<b>Location</b>	Leppington, NSW
<b>Descriptor</b>	Rose ( <i>Rosa</i> ) (new) TG/11/8
<b>Period</b>	Mar-May 2010
<b>Conditions</b>	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, The Netherlands. Plants were on their own roots, stems were disbudded to a single flower according to standard commercial practice, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
<b>Trial Design</b>	Completely random selection from commercial beds.
<b>Measurements</b>	One per plant.
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

Controlled pollination: unnamed seed parent x unnamed pollen parent, in a planned breeding program at De Kwakel, The Netherlands during the years 2000 to 2004. Both parents are non-commercial varieties within the breeding programme. Selection criteria: long stem length, suited to dry shipment, suitable commercial yield of flower stems, attractive yellow flower colour, upright growth habit, disease resistance. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth type	bed
Plant	growth habit	Upright
Flower	colour group	yellow

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

Name	Comments
'Schretroje'	From same breeder; also known as Ilios!

**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	'Schiallo'	'Schretroje'
<input type="checkbox"/> *Plant: growth type	bed	Bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	short to medium	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	medium
<input type="checkbox"/> Stem: number of prickles	few to medium	few to medium
<input checked="" type="checkbox"/> Prickles: predominant colour	reddish	greenish
<input type="checkbox"/> Leaf: size	large	large
<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	weak to medium	
<input type="checkbox"/> *Leaflet: undulation of margin	weak	
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	ovate
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	obtuse
<input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acuminate
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	very few	Very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium to many	medium to many
<input type="checkbox"/> *Flower: colour group	yellow	yellow
<input type="checkbox"/> Flower: colour of the centre	yellow	yellow
<input type="checkbox"/> Flower: density of petals	dense	medium to dense
<input type="checkbox"/> *Flower: diameter	medium	medium to large
<input checked="" type="checkbox"/> *Flower: shape	star-shaped	round
<input checked="" type="checkbox"/> Flower: profile of upper part	flattened convex	Flat
<input type="checkbox"/> *Flower: profile of lower part	flat	Flat
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak

<input checked="" type="checkbox"/>	*Sepal: extensions	strong to very strong	medium to strong
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/>	*Petal: shape	transverse elliptic	obovate
<input type="checkbox"/>	Petal: incisions	medium to strong	
<input checked="" type="checkbox"/>	Petal: reflexing of margin	medium to strong	weak
<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 checked="" type="checkbox"/>	*Petal: intensity of colour	lighter towards the top	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	yellow 007C	yellow 005B
<input type="checkbox"/>	*Petal: basal spot on the inner side	absent	absent
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	orange
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Japan	2007	Applied	'Schiallo'
EU	2006	Granted	'Schiallo'

First sold in Italy March 2005.

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

**Details of Application**

<b>Application Number</b>	2008/231
<b>Variety Name</b>	'Schunukka'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	Anouk!
<b>Accepted Date</b>	02 Oct 2008
<b>Applicant</b>	Piet Schreurs Holding B.V. Netherland
<b>Agent</b>	Schreurs Australia (Pty) Ltd, NSW
<b>Qualified Person</b>	Ian Paananen, Central Coast, NSW

**Details of Comparative Trial**

<b>Overseas Testing</b>	Naktuinbow, Netherland
<b>Authority</b>	
<b>Overseas Data</b>	2006/1630
<b>Reference Number</b>	
<b>Location</b>	Leppington, NSW
<b>Descriptor</b>	Rose ( <i>Rosa</i> ) (new) TG/11/8
<b>Period</b>	Mar-May 2010
<b>Conditions</b>	Overseas data was verified in Australia by local observations at Leppington, NSW in an environmentally controlled greenhouse. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, The Netherlands. Plants were on their own roots, stems were disbudded to a single flower according to standard commercial practice, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
<b>Trial Design</b>	Completely random selection from commercial beds.
<b>Measurements</b>	One per plant.
<b>RHS Chart - edition</b>	2007

**Origin and Breeding**

Controlled pollination: unnamed seed parent x unnamed pollen parent, in a planned breeding program at De Kwakel, The Netherlands during the years 2000 to 2003. Both parents are non-commercial varieties within the breeding programme. Selection criteria: long stem length, suited to dry shipment, suitable commercial yield of flower stems, attractive pale orange flower colour, upright growth habit, disease resistance. Propagation: vegetative by cuttings. Breeder: P.N.J. Schreurs, Piet Schreurs De Kwakel BV, De Kwakel, The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth type	bed
Plant	growth habit	Upright
Flower	type	Double



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

Name	Comments
'Lexaelat'	

**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	'Schunukka'	'Lexaelat'
<input type="checkbox"/> *Plant: growth type	bed	Bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input checked="" type="checkbox"/> Plant: height	short to medium	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak	medium
<input type="checkbox"/> Stem: number of prickles	medium	few to medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	dark	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	medium	absent or very weak
<input type="checkbox"/> *Leaflet: undulation of margin	weak	absent or very weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	narrow elliptic
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: number of flowering laterals	very few	
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	very many	medium
<input checked="" type="checkbox"/> *Flower: colour group	pink blend	pink
<input checked="" type="checkbox"/> Flower: colour of the centre	orange	pink
<input checked="" type="checkbox"/> Flower: density of petals	dense	loose to medium
<input checked="" type="checkbox"/> *Flower: diameter	medium	large
<input checked="" type="checkbox"/> *Flower: shape	star-shaped	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex

<input type="checkbox"/>	*Flower: profile of lower part	flat	flattened convex
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	very strong	strong
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/>	*Petal: shape	rounded	obovate
<input type="checkbox"/>	Petal: incisions	weak	absent or very weak
<input checked="" type="checkbox"/>	Petal: reflexing of margin	strong	medium
<input type="checkbox"/>	Petal: undulation	weak	weak
<input checked="" type="checkbox"/>	*Petal: size	medium	large
<input type="checkbox"/>	*Petal: length	medium	medium to long
<input checked="" type="checkbox"/>	*Petal: width	medium	broad
<input type="checkbox"/>	*Petal: number of colours on inner side	one	One
<input checked="" type="checkbox"/>	*Petal: intensity of colour	lighter towards the top	Even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	light yellow 012D	grey 157B
<input checked="" type="checkbox"/>	*Petal: basal spot on the inner side	absent	present
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	light yellow 012D	light red pink 049D
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	light yellow
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	funnel-shaped

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Israel	2006	Applied	'Schunukka'
EU	2008	Granted	'Schunukka'

First sold in Iran December 2004.

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

**Details of Application**

<b>Application Number</b>	2007/041
<b>Variety Name</b>	'BQT II'
<b>Genus Species</b>	<i>Lolium hybridum</i> syn <i>boucheanum</i>
<b>Common Name</b>	Ryegrass
<b>Synonym</b>	
<b>Accepted Date</b>	16 Feb 2007
<b>Applicant</b>	PGG Wrightson Seeds Ltd, New Zealand.
<b>Agent</b>	Wrightson Seeds (Australia) Pty Ltd, Laverton, VIC
<b>Qualified Person</b>	Jennifer Ngaire James

**Details of Comparative Trial**

<b>Location</b>	AsureQuality Ltd, Lincoln, Canterbury, New Zealand
<b>Descriptor</b>	Ryegrass (new) ( <i>Lolium</i> spp.) TG/4/8
<b>Period</b>	2007 – 2009
<b>Conditions</b>	
<b>Trial Design</b>	Randomised spaced plots: 6 replicates of 10 plants per variety Row plots; 2 replicates of 5 metres with density of plants per replicate of 200 plants per metre.
<b>Measurements</b>	All observations of spaced plants (VS) and (MS) were made on 60 plants or parts taken from each 60 plants. Observations on rows (VG) were made on each row as a whole unit.

**RHS Chart - edition****Origin and Breeding**

Controlled pollination: KLp96-4 blend xHE481-21 in 1997-98. Summer 1998-99: 'Syn II' seed of the above cross was harvested. 1999: Single plants evaluated, 25 elite plants polycrossed and harvested as half-sib families. 2000: 25 half sib families evaluated at 4 sites in replicated plots. Summer 2000/01: Forage quality data collected from plots. Feb 2001: Four elite half sib families were selected based on best overall performance at all sites. 2001: Seed from 4 elite families inoculated with Endo 5 endophyte and further selection cycle included. 2002: Further selection cycle, including selection for reduced ergovaline levels. 2003: Further selection cycle including selection for further ergovaline reduction. 2004: Seed from selected plants combined to form composite sample code named KLp204 and subsequently as 'BQT II'

**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	species	<i>Lolium boucheanum</i> (syn <i>hybridum</i> )
Planr	time of inflorescence emergence	late

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

<b>Name</b>	<b>Comments</b>
'Ohau'	Tetraploid hybrid ryegrass.
'Aligote'	Tetraploid hybrid ryegrass.
'Boxmore'	Tetraploid hybrid ryegrass.

‘BQT’	Tetraploid hybrid ryegrass.
‘Grasslands Sterling’	Tetraploid hybrid ryegrass.
‘Storm’	Tetraploid hybrid ryegrass.

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Bealy’	plant	ear emergence	medium to late	late
‘Bealy’	plant	tiller density	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	‘BQT II’	‘Aligote’	‘Boxmore’	‘BQT’	‘Grasslands Sterling’	‘Ohau’	‘Storm’
<input type="checkbox"/> *Plant: ploidy	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid
<input checked="" type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	medium	semi-prostrate	semi-prostrate	medium	medium to semi-prostrate	semi-prostrate	semi-prostrate
<input checked="" type="checkbox"/> Leaf: length	medium	long	-	medium	medium to long	medium	medium
<input checked="" type="checkbox"/> Leaf: width	medium	broad	broad	medium	medium	medium to broad	medium to broad
<input type="checkbox"/> Leaf: intensity of green colour	medium	light to medium	medium	light to medium	medium	medium	medium
<input type="checkbox"/> Plant: width	medium	medium to wide	medium to wide	medium	medium	medium to wide	medium to wide
<input checked="" type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium	medium	medium to semi-prostrate	medium	medium to semi-prostrate	semi-erect to medium	medium
<input type="checkbox"/> Plant: height	medium	medium to tall	tall	medium	medium	tall	medium
<input type="checkbox"/> *Plant: time of inflorescence emergence (after vernalisation)	late						
<input type="checkbox"/> Plant: natural height at inflorescence emergence	short to medium	medium	medium	short to medium	short to medium	medium	short to medium
<input type="checkbox"/> Plant: width at inflorescence emergence	medium		medium	medium	medium	medium	medium
<input type="checkbox"/> *Flag leaf: length	medium						
<input type="checkbox"/> *Flag leaf: width	narrow to medium						

<input type="checkbox"/>	Flag leaf: length/width ratio	medium					
<input type="checkbox"/>	*Plant: length of longest stem, inflorescence included	medium					
<input type="checkbox"/>	Plant: length of upper internode	medium					
<input checked="" type="checkbox"/>	Inflorescence: length	short to medium	long	medium	medium to long	medium to long	
<input type="checkbox"/>	Inflorescence: number of spikelets	medium					
<input type="checkbox"/>	Inflorescence: density	medium					
<input type="checkbox"/>	Inflorescence: length of outer glume on basal spikelet	short to medium					
<input type="checkbox"/>	Inflorescence: length of basal spikelet excluding awn	medium					

### Statistical Table

Organ/Plant Part: Context	'BQT II'	'Aligote'	'Boxmore'	'BQT'	'Grasslands Sterling'	'Ohau'	'Storm'
<input type="checkbox"/> Plant: time of inflorescence emergence (days)							
Mean	78.30	75.90	80.50	79.40	73.80	71.20	78.80
Std. Deviation	6.19	7.07	7.70	6.91	6.61	7.55	7.75
LSD/sig	4.6	ns	ns	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Flag leaf: width (mm)							
Mean	4.20	7.70	5.70	5.60	5.30	7.50	8.10
Std. Deviation	0.83	1.18	1.05	0.88	1.05	1.50	1.46
LSD/sig	0.70	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: length/width ratio (mm)							
Mean	29.75	23.57	31.96	23.99	31.60	20.32	19.24
Std. Deviation	7.57	4.15	6.70	4.67	7.38	4.22	3.35
LSD/sig	4.55	P≤0.01	ns	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: length of longest stem (mm)							
Mean	679.30	927.40	906.2	742.50	800.30	745.00	844.20
Std. Deviation	72.68	88.81	91.91	56.00	69.17	72.43	71.40
LSD/sig	45.13	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: length of upper internode (mm)							
Mean	236.30	294.80	274.5	252.40	264.90	242.30	285.40
Std. Deviation	34.71	39.94	36.54	33.69	32.33	31.02	35.83

LSD/sig	21.64	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length (mm)							
Mean	200.80	310.30	299.0	229.20	264.70	235.70	261.60
Std. Deviation	24.10	45.15	38.66	29.75	32.33	30.73	37.69
LSD/sig	19.55	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: number of spikelets (mm)							
Mean	22.70	29.95	30.97	23.97	27.52	24.12	27.47
Std. Deviation	3.69	5.26	4.63	3.85	3.91	3.27	4.23
LSD/sig	2.58	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: density (mm)							
Mean	9.01	10.61	9.79	9.70	9.79	9.86	9.66
Std. Deviation	1.30	2.05	1.44	1.35	1.45	1.20	1.51
LSD/sig	0.88	P≤0.01	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Inflorescence: length of outer glume on basal spikelet (mm)							
Mean	11.43	11.91	10.45	13.26	13.12	12.43	11.38
Std. Deviation	1.46	1.86	1.91	1.86	1.87	1.47	1.92
LSD/sig	1.10	ns	P≤0.01	P≤0.01	P≤0.01	ns	ns
<input type="checkbox"/> Inflorescence: length of basal spikelet excluding awn (mm)							
Mean	17.46	21.02	19.31	18.35	19.78	20.04	18.77
Std. Deviation	1.93	3.03	3.26	2.05	2.62	2.99	2.99
LSD/sig	1.74	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Flag leaf: length (mm)							
Mean	122.25	178.25	175.50	128.50	162.92	151.00	154.33
Std. Deviation	27.07	33.67	32.49	26.85	31.67	39.10	33.46
LSD/sig	17.90	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
New Zealand	2006	Granted	'BQT II'

First sold in February 2006 in Australia.

Description: **Jennifer James**, Palmerston North, New Zealand

**Details of Application**

<b>Application Number</b>	2010/038
<b>Variety Name</b>	'QLD-Coast'
<b>Genus Species</b>	<i>Sporobolus virginicus</i>
<b>Common Name</b>	Sand Couch
<b>Synonym</b>	Nil
<b>Accepted Date</b>	19 Apr 2010
<b>Applicant</b>	The State of Queensland through its Department of Employment, Economic Development and Innovation (DEED), Brisbane, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	Matthew Roche

**Details of Comparative Trial**

<b>Location</b>	Department of Employment, Economic Development and Innovation (DEEDI), Redlands Research Station, Cleveland, QLD (Latitude 27°32' South, Longitude 153°15' East, elevation 25 masl).
<b>Descriptor</b>	<i>Cynodon</i> ( <i>Cynodon dactylon</i> × <i>C. transvaalensis</i> ) PBR CYNO
<b>Period</b>	22 Jul 2009 – 19 May 2010
<b>Conditions</b>	Individual propagules (four per tube) were grown in 60 x 60 mm tubes until covered and planted on a red volcanic (krasnozem) soil 22 Jul 2009; plants not defoliated; weed control by pre-emergence oxadiazon (31 Jul and 5 Nov 2009) and nutrition maintained by slow release fertiliser (15-10-9) applied 31 Jul 2009.
<b>Trial Design</b>	Thirty spaced plants of each variety (QLD-Coast and BT-1) were arranged in six randomised blocks with five plants per plot; 1.5 m between plots, 1.5 m between plants within plots.
<b>Measurements</b>	Four diameter of spread measurements were taken per plant (12-13 Oct, 26 Oct, 9 Nov and 17 Nov 2009 (118 DPP); two stolons per plant were collected 8-9 Feb. 2010 and stolon and leaf characteristics were measured; two flowering tillers were collected per plant 13-19 Apr 2010 and leaf and inflorescence characteristics were measured; inflorescence density (no. m <sup>2</sup> ) and average sward height per plant were acquired 19 May 2010 (301 DPP); exposed leaf and stolon colour using the Royal Horticultural Society (RHS) colour chart (2007 (fifth edition), along with digital photos were taken 15 Feb 2010.
<b>RHS Chart - edition</b>	2007 (fifth) edition

**Origin and Breeding**

Selected in Jul 2004 by Matthew Roche as a plant growing on the foreshore within Redland City, QLD. The location from which the *Sporobolus virginicus* ecotype was selected was partially submerged in sea water as a result of changing tides. The plant was selected on the basis of its compact and dense growth habit, along with its suspected salt tolerance. A sample was taken and planted at the Department of Employment, Economic Development and Innovation (DEEDI) Redlands Research Station, Cleveland, QLD for observation. Between 2004 and 2009 the cultivar had

been vegetatively multiplied on more than ten occasions to plant in trial work for evaluation and observation. Following planting in the field, under adequate fertiliser and potable irrigation, the plant is fast spreading, producing a moderate to tall canopy that is dense while producing few seed heads. Under optimum management the plant provides a dense sward and can be cut at a range of heights from 5-30 mm. The plant responds well (improvement in turfgrass quality) to the use of poorer quality water and under high management it is likely to respond to greens (golf and lawn bowls) conditions. Breeder: Matthew Roche, Redlands Research Station, Cleveland, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	moderate
Plant	texture	fine
Leaf	colour	green

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

Name	Comments
'BT-1'	Trademarked as Salt Fine.

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Ozlawn'	Plant texture	fine	coarse	The PBR status of 'Ozlawn' had been terminated.
'Nathus Green'	Plant texture	fine	coarse	The PBR status of 'Nathus Gree'n had been terminated.
Common form	Plant texture	fine	coarse	

**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	'QLD-Coast'	'BT-1'
<input type="checkbox"/> Plant: habit	creeping	
<input type="checkbox"/> Plant: type	mat-forming	
<input type="checkbox"/> Plant: height	moderate	moderate
<input type="checkbox"/> Plant: longevity	perennial	
<input type="checkbox"/> Plant: spreading	stolons and rhizomes	
<input type="checkbox"/> Stolon: internode length	medium	
<input type="checkbox"/> Stolon: internode thickness	thin	
<input checked="" type="checkbox"/> Stolon: colour when exposed to sunlight	199A	137C
<input type="checkbox"/> Culms: length	moderate	



<input type="checkbox"/>	Leaf blade: shape	linear and pungent	
<input type="checkbox"/>	Leaf blade: length	medium to long	
<input type="checkbox"/>	Leaf blade: width	narrow	narrow
<input type="checkbox"/>	Leaf blade: colour	137B	137A
<input type="checkbox"/>	Ligule: appearance	pubescent	
<input type="checkbox"/>	Inflorescence: type	spike-like	
<input type="checkbox"/>	Inflorescence: length of peduncle	short to moderate	
<input type="checkbox"/>	Culms: habit	mostly ascending or the lowest internodes stoloniferous	
<input type="checkbox"/>	Leaf blade: presentation	leaf angle to the stem is approximately 45 degrees	

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>'QLD-Coast'</b>	<b>'BT-1'</b>
<input checked="" type="checkbox"/> Plant: mean diameter after 118 days (cm)		
Mean	68.90	18.90
Std. Deviation	20.90	5.80
LSD/sig	10.0	P≤0.01
<input type="checkbox"/> Stolon node: number of branch stolons at node two (spaced plants)		
Mean	0.67	0.70
Std. Deviation	0.48	0.47
LSD/sig	0.17	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node three (spaced plants)		
Mean	1.12	0.87
Std. Deviation	0.52	0.47
LSD/sig	0.34	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node four (spaced plants)		
Mean	1.35	1.02
Std. Deviation	0.83	0.44
LSD/sig	1.02	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node five (spaced plants)		
Mean	1.75	1.25
Std. Deviation	1.23	0.24
LSD/sig	1.36	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node six (spaced plants)		
Mean	1.83	1.24
Std. Deviation	1.35	0.70
LSD/sig	1.37	ns
<input type="checkbox"/> Stolon node: combined number of branch stolons at nodes two to six (spaced plants)		
Mean	6.72	5.07
Std. Deviation	3.38	1.66
LSD/sig	3.81	ns

☐ Stolon node: length of fourth internode from stolon tip (mm)		
Mean	39.34	27.09
Std. Deviation	12.75	7.68
LSD/sig	29.41	ns
☐ Stolon node: diameter of fourth internode from stolon tip (mm)		
Mean	0.97	0.99
Std. Deviation	0.34	0.27
LSD/sig	0.32	ns
☐ Stolon node: length of sheath on fourth visible node from stolon tip (mm)		
Mean	13.22	15.91
Std. Deviation	2.70	4.81
LSD/sig	5.93	ns
☐ Stolon node: length of leaf blade on fourth visible node from stolon tip (mm)		
Mean	17.22	24.80
Std. Deviation	10.32	31.06
LSD/sig	32.46	ns
☐ Stolon node: width of leaf blade on fourth visible node from stolon tip (mm)		
Mean	1.65	1.87
Std. Deviation	0.55	0.63
LSD/sig	0.95	ns
☐ Stolon node: length:width ratio of fourth visible node from stolon tip		
Mean	9.58	14.32
Std. Deviation	4.84	12.84
LSD/sig	13.88	ns
☐ Flowering tiller: length of sheath on flag leaf on flowering tillers (mm)		
Mean	47.94	51.78
Std. Deviation	8.91	9.23
LSD/sig	7.82	ns
☐ Flowering tiller: length of leaf blade on flag leaf on flowering tillers (mm)		
Mean	19.14	11.61
Std. Deviation	11.91	5.01
LSD/sig	3.90	P≤0.01
☐ Flowering tiller: width of leaf blade on flag leaf on flowering tillers (mm)		
Mean	0.98	0.96
Std. Deviation	0.43	0.33
LSD/sig	0.27	ns
☐ Flowering tiller: length:width ratio of leaf blade on flag leaf on flowering tillers		
Mean	19.99	12.13
Std. Deviation	8.06	3.88
LSD/sig	2.61	P≤0.01
☐ Flowering tiller: length of sheath on fourth leaf on flowering tillers (mm)		
Mean	17.34	21.03
Std. Deviation	4.41	6.64
LSD/sig	6.31	ns

<input type="checkbox"/>	Flowering tiller: length of leaf blade on fourth leaf on flowering tillers (mm)		
	Mean	35.30	45.20
	Std. Deviation	13.80	20.10
	LSD/sig	19.4	ns
<input checked="" type="checkbox"/>	Flowering tiller: width of leaf blade on fourth leaf on flowering tillers (mm)		
	Mean	1.53	2.17
	Std. Deviation	0.46	0.50
	LSD/sig	0.47	P≤0.01
<input type="checkbox"/>	Flowering tiller: length:width ratio of leaf blade on fourth leaf on flowering tillers		
	Mean	23.61	20.50
	Std. Deviation	8.89	7.49
	LSD/sig	7.45	ns
<input type="checkbox"/>	Flowering tiller: length of fourth internode on flowering tillers (mm)		
	Mean	20.20	23.95
	Std. Deviation	9.30	8.81
	LSD/sig	13.83	ns
<input checked="" type="checkbox"/>	Flowering tiller: diameter of fourth internode on flowering tillers (mm)		
	Mean	0.62	0.83
	Std. Deviation	0.12	0.14
	LSD/sig	0.10	P≤0.01
<input checked="" type="checkbox"/>	Flowering tiller: diameter of peduncle (mm)		
	Mean	0.46	0.55
	Std. Deviation	0.09	0.09
	LSD/sig	0.07	P≤0.01
<input type="checkbox"/>	Flowering tiller: spike length (mm)		
	Mean	53.26	38.98
	Std. Deviation	11.23	6.40
	LSD/sig	8.14	P≤0.01
<input checked="" type="checkbox"/>	Flowering tiller: Spike diameter (mm)		
	Mean	1.21	2.12
	Std. Deviation	0.35	0.49
	LSD/sig	0.49	P≤0.01
<input type="checkbox"/>	Flowering tiller: Fourth leaf angle from stem (degrees)		
	Mean	77.20	48.80
	Std. Deviation	20.50	12.50
	LSD/sig	12.1	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: count (no. m2) 19 May 2010		
	Mean	1.80	85.80
	Std. Deviation	2.40	47.60
	LSD/sig	73.93	P≤0.01
<input type="checkbox"/>	Sward: height (19 May 2010)		
	Mean	25.92	20.96
	Std. Deviation	21.84	9.75
	LSD/sig	8.92	ns

□ Flowering tiller: length of peduncle (mm)		
Mean	84.10	75.20
Std. Deviation	23.20	16.50
LSD/sig	14.76	ns

**Prior Applications and Sales**

Nil.

Description: **Matthew Roche**, Redlands Research Station, Cleveland, QLD.

**Details of Application**

<b>Application Number</b>	2007/162
<b>Variety Name</b>	'Southern Charm'
<b>Genus Species</b>	<i>Magnolia grandiflora</i>
<b>Common Name</b>	Southern Magnolia
<b>Synonym</b>	Teddy Bear
<b>Accepted Date</b>	23 Jul 2007
<b>Applicant</b>	Head Ornamentals Inc., Seneca, South Carolina
<b>Agent</b>	Coolwyn Nurseries Pty Ltd, Monbulk, VIC
<b>Qualified Person</b>	Christopher Prescott

**Details of Comparative Trial**

<b>Overseas Testing</b>	United States Patent
<b>Authority</b>	
<b>Overseas Data</b>	PP13,049
<b>Reference Number</b>	
<b>Location</b>	Strickland, USA
<b>Descriptor</b>	Magnolia ( <i>Magnolia</i> ) PBR MAGN.
<b>Period</b>	Oct 2000
<b>Conditions</b>	Overseas data was verified in Australia by local observations at 29 Victoria Avenue, Monbulk VIC (Latitude 37°52'S, Longitude 145°24'E). The Magnolias were maintained in an optimum nursery environment in the open in 200 mm pots. Pots filled with pine bark mix.
<b>Trial Design</b>	10 plants of both the candidate and comparator were selected at random from a larger population from the stock at the nursery. All plants used (except for flower data) were approximately 18 months old.
<b>Measurements</b>	Measurements were taken at random from the selected plants.
<b>RHS Chart - edition</b>	1995

**Origin and Breeding**

Controlled pollination: the parents were two unidentified selections of *Magnolia grandiflora* in 1980. The seed was collected and sown in 1980. The seedlings were container grown and then planted in the field in 1982. 'Southern Charm' was selected from the seedling population in 1995 and propagated by branch cuttings for nine cycles since 1998. 'Southern Charm' has shown to be uniform and stable during this trial period. All work was carried out by or under the supervision of Mr Robert Head at his nursery in Seneca, South Carolina, 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>
Flower	colour	white
Plant	seasonality	evergreen
Plant	growth habit	upright
Plant	form	narrowly pyramidal
Plant	growth rate	slow
Plant	height (at 18 months)	short

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

Name	Comments
'Little Gem'	
'Southern Charm'	Verification of US data

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

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Exmouth'	Plant height (at 18 months)	short	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	'Southern Charm'	'Little Gem'	'Southern Charm' US data
<input type="checkbox"/> Plant: seasonality	evergreen	evergreen	evergreen
<input type="checkbox"/> Plant: type	tree	tree	tree
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input type="checkbox"/> Young leaf: main colour upper side	greenish	greenish	greenish
<input type="checkbox"/> Leaf: length of blade	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: width of blade	medium	narrow	medium
<input type="checkbox"/> Leaf: shape of blade	oblong	oblong	oblong
<input checked="" type="checkbox"/> Leaf: main colour upper side	medium green	dark green	dark green
<input type="checkbox"/> Flower bud: colour	white	white	white
<input type="checkbox"/> Flower: diameter	medium	medium	medium
<input type="checkbox"/> Flower: main colour	white	white	white
<input type="checkbox"/> Flower: shape (lateral view)	cup	cup	cup
<input type="checkbox"/> Petal: length	medium	medium	medium
<input type="checkbox"/> Petal: width	medium	medium	medium
<input type="checkbox"/> Petal: width in relation to length	medium (2/3) to large (3/4)	large (3/4)	small (1/2) to medium (2/3)
<input type="checkbox"/> Petal: main colour mid zone upper side (RHS colour chart)	white 155A	whiter than 155A	white 155A
<input type="checkbox"/> Petal: main colour mid zone lower side (RHS colour chart)	white 155A	whiter than 155A	white 155A
<input type="checkbox"/> Style: colour	yellow	yellow	yellow
<input type="checkbox"/> Filament: colour	yellow	yellow	yellow
<input type="checkbox"/> Anther: colour	yellow	yellow	yellow
<input type="checkbox"/> Flower: number of petals	medium	medium	medium
<input type="checkbox"/> Time of: beginning of flowering	early	early	early

- Plant: length of flowering      medium to long      medium to long      medium to long

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

<b>Organ/Plant Part: Context</b>	<b>'Southern Charm'</b>	<b>'Little Gem'</b>	<b>'Teddy Bear' US data</b>
<input type="checkbox"/> Leaf: main colour lower side	brownd orange 164A	brownd orange	brownd orange
<input type="checkbox"/> Young leaf: main colour upper surface	144B	144B	137A
<input type="checkbox"/> Young leaf: main colour lower side	165B	165B	166B
<input type="checkbox"/> Leaf: main colour upper side	146A	147A	139A
<input checked="" type="checkbox"/> Leaf: undulation	weak	strong	
<input checked="" type="checkbox"/> Flower buds: at 18 months	absent	sometimes present	
<input checked="" type="checkbox"/> Leaf: apex	obtuse	acute	
<input checked="" type="checkbox"/> Plant: branching habit (at 18 months)	very weak to weak	medium to strong	

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
New Zealand	2008	Applied	'Southern Charm'
USA	2001	Granted	'Southern Charm'

First sold in the USA in 2002 under the name 'Teddy Bear'.

Description: Christopher Prescott, 145 Moore Street, Clyde, VIC.

**Details of Application**

<b>Application Number</b>	2002/261
<b>Variety Name</b>	'Panaro One'
<b>Genus Species</b>	<i>Prunus avium</i>
<b>Common Name</b>	Sweet Cherry
<b>Synonym</b>	
<b>Accepted Date</b>	15 Apr 2003
<b>Applicant</b>	University of Bologna, Italy.
<b>Agent</b>	Graham's Factree Pty Ltd, Hoddles Creek, VIC
<b>Qualified Person</b>	Graham Fleming

**Details of Comparative Trial**

<b>Overseas Testing</b>	CPVO
<b>Authority</b>	
<b>Overseas Data</b>	2001/1541
<b>Reference Number</b>	
<b>Location</b>	
<b>Descriptor</b>	Cherry ( <i>Prunus avium</i> ) TG/35/6
<b>Period</b>	
<b>Conditions</b>	Where possible the overseas data was verified under local conditions.

**Origin and Breeding**

Controlled pollination: 'Burlat' x 'Sunburst'. The present new variety of cherry tree was developed in 1984 by the University of Bologna, Italy. The seedlings from this controlled pollination were observed growing and between 1990 and 1992 one such seedling was chosen for further propagation and evaluation. Finally in 2001 the new variety was chosen for commercialisation based on its desirable fruiting characteristics. 'Panaro 1' can be distinguished from both its parents in that it is larger in size and darker in skin colour compared to 'Burlat'. 'Panaro One' is also more reiform or cordate in shape compared to the rounded shape of Sunburst and matures approximately 16-18 days earlier than 'Sunburst'. Breeder: University of Bologna, Italy.

**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>
Time of	fruit maturity	very early to early
Fruit	flesh colour	Red

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

<b>Name</b>	<b>Comments</b>
'Earlisweet'	'Earlisweet' matures approximately 4-5 days later than 'Panaro One', and where 'Panaro One' is believed to be self fertile 'Earlisweet' requires a pollinator.

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

<b>Variety</b>	<b>Comments</b>
'Moreau'	'Moreau' was initially considered but was subsequently excluded as the fruit of 'Moreau' is smaller in size and has a darker skin colour compared to 'Panaro One'.



**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>'Panaro One'</b>	<b>'Earlisweet'</b>
<input type="checkbox"/> *Tree: type	normal	
<input type="checkbox"/> Tree: vigour	strong	strong
<input type="checkbox"/> *Tree: habit	semi-upright	upright
<input type="checkbox"/> *Tree: branching	strong	
<input type="checkbox"/> One-year-old shoot: number of lenticels	medium	
<input type="checkbox"/> One-year-old shoot: position of vegetative bud in relation to shoot	strongly held out	
<input type="checkbox"/> Young shoot: anthocyanin colouration of tip	weak	
<input type="checkbox"/> Leaf blade: length	long	long
<input type="checkbox"/> Leaf blade: width	broad	medium to broad
<input type="checkbox"/> *Leaf blade: ratio length/width	large	medium
<input type="checkbox"/> Leaf blade: green colour of upper side	medium	medium to dark
<input type="checkbox"/> *Leaf: length of petiole	long	
<input type="checkbox"/> Leaf: ratio length of petiole/length of blade	medium	
<input type="checkbox"/> *Petiole: nectaries	present	present
<input type="checkbox"/> Petiole: colour of nectaries	dark red	
<input type="checkbox"/> Flower: diameter of corolla	large	large
<input type="checkbox"/> Flower: shape of petal	broad elliptic	
<input type="checkbox"/> Flower: relative position of petal margins	free	
<input checked="" type="checkbox"/> *Fruit: size	large	medium
<input type="checkbox"/> *Fruit: shape	reniform	round
<input type="checkbox"/> Fruit: pistil end	depressed	
<input checked="" type="checkbox"/> *Fruit: colour of skin	brown red	light red
<input type="checkbox"/> Fruit: size of lenticels on skin	small	
<input type="checkbox"/> Fruit: number of lenticels on skin	few	
<input type="checkbox"/> Fruit: colour of juice	red	
<input type="checkbox"/> Fruit: colour of flesh	red	red
<input checked="" type="checkbox"/> *Fruit: firmness	soft	firm
<input type="checkbox"/> Fruit: acidity	medium	medium
<input type="checkbox"/> Fruit: sweetness	medium	medium
<input type="checkbox"/> Fruit: juiciness	medium	medium
<input type="checkbox"/> *Fruit: length of stalk	very short	

<input type="checkbox"/>	Fruit: abscission layer between stalk and fruit	present	
<input type="checkbox"/>	Fruit: thickness of stalk	medium	medium
<input type="checkbox"/>	*Stone: size	large	
<input type="checkbox"/>	*Stone: shape	broad elliptic	broad elliptic
<input type="checkbox"/>	*Stone: size relative to fruit	medium	
<input checked="" type="checkbox"/>	*Time of: flowering	medium	late
<input type="checkbox"/>	*Time of: fruit maturity	very early	very early to early

### **Prior Applications and Sales**

Nil.

First sold in Italy November 2001.

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

**Details of Application**

<b>Application Number</b>	2002/153
<b>Variety Name</b>	'Royal Rainier'
<b>Genus Species</b>	<i>Prunus avium</i>
<b>Common Name</b>	Sweet Cherry
<b>Synonym</b>	
<b>Accepted Date</b>	16 Apr 2003
<b>Applicant</b>	Zaiger's Inc. Genetics
<b>Agent</b>	Graham's Factree Pty Ltd, Hoddles Creek, VIC
<b>Qualified Person</b>	Graham Fleming

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	US Patent & Trademark Office
<b>Overseas Data Reference Number</b>	PP10,790
<b>Location</b>	
<b>Descriptor</b>	Cherry ( <i>Prunus avium</i> ) TG/35/6
<b>Period</b>	
<b>Conditions</b>	Where possible the overseas data was verified under local conditions. The US Plant Patent data was converted into standard UPOV characteristics for Cherry.

**Origin and Breeding**

Open pollination: The new and distinct variety of cherry tree was developed by Zaiger's Inc Genetics at their experimental orchard near Modesto, California, USA as an open pollinated seedling of proprietary line '32G153'. The selection '32G153' originated as an open pollinated seedling of 'Stella' cherry. A large number of these open pollinated seedlings were observed growing and one such seedling, the present variety, was chosen for asexual propagation and commercialisation based on its desirable fruiting characteristics and named 'Royal Rainier'. Breeder: Zaiger's Inc Genetics, Modesto, CA.

**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>
Time of	flowering	medium
Fruit	size	medium to large
Fruit	skin colour	yellow ground colour
Fruit	flesh colour	Yellow
Time of	fruit maturity	early to medium

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

<b>Name</b>	<b>Comments</b>
'Rosie Rainier'	'Rosie Rainier' matures slightly earlier, has a higher degree of red skin blush and handles better compared to 'Royal Rainier'.

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

<b>Variety</b>	
'Stella'	'Stella' was initially considered but subsequently excluded as 'Stella' is self fertile, has

red skin and red flesh compared to the yellow flesh of 'Royal Rainier' and matures approximately 5-7 days later than 'Royal Rainier'.

'Rainier' 'Rainier' was initially considered but subsequently excluded based on its later maturity time and susceptibility to cracking and marking compared to 'Royal Rainier'.

**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>'Royal Rainier'</b>	<b>'Rosie Rainier'</b>
<input type="checkbox"/> Tree: vigour	medium	medium
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> Leaf blade: length	long	long
<input type="checkbox"/> Leaf blade: width	broad	broad
<input type="checkbox"/> *Leaf blade: ratio length/width	medium	medium
<input type="checkbox"/> Leaf blade: green colour of upper side	medium to dark	
<input type="checkbox"/> *Petiole: nectaries	present	present
<input checked="" type="checkbox"/> Flower: diameter of corolla	large	medium
<input type="checkbox"/> *Fruit: size	medium to large	large
<input type="checkbox"/> *Fruit: shape	round	round
<input checked="" type="checkbox"/> *Fruit: colour of skin	yellow	vermillion on pale yellow background
<input type="checkbox"/> Fruit: colour of flesh	yellow	yellow
<input type="checkbox"/> *Fruit: firmness	firm	firm
<input type="checkbox"/> Fruit: acidity	medium	medium
<input type="checkbox"/> Fruit: sweetness	medium	medium
<input type="checkbox"/> Fruit: thickness of stalk	medium	
<input checked="" type="checkbox"/> *Stone: shape	round	broad elliptic
<input type="checkbox"/> *Time of: flowering	medium	medium
<input type="checkbox"/> *Time of: fruit maturity	early to medium	early to medium

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Chile	2004	Granted	'Royal Rainier'
USA	1997	Granted	'Royal Rainier'

First sold in USA October 1997.

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

**Details of Application**

<b>Application Number</b>	2002/262
<b>Variety Name</b>	'Panaro Three'
<b>Genus Species</b>	<i>Prunus avium</i>
<b>Common Name</b>	Sweet Cherry
<b>Synonym</b>	
<b>Accepted Date</b>	15 Apr 2003
<b>Applicant</b>	University of Bologna, Italy
<b>Agent</b>	Graham's Factree Pty Ltd, Hoddles Creek, VIC.
<b>Qualified Person</b>	Graham Fleming

**Details of Comparative Trial**

<b>Overseas Testing</b>	CPVO
<b>Authority</b>	
<b>Overseas Data</b>	2001/1542
<b>Reference Number</b>	
<b>Location</b>	
<b>Descriptor</b>	Cherry ( <i>Prunus avium</i> ) TG/35/6
<b>Period</b>	
<b>Conditions</b>	Where possible the overseas data was verified under local conditions.

**Origin and Breeding**

Open Pollination: 'Burlat'. The new and distinct variety of cherry tree was developed by the University of Bologna in Italy as an open pollinated seedling of 'Burlat' cherry. These seedlings were observed growing between 1990 and 1992 at which time one such seedling, the present variety, was chosen for further propagation and evaluation. Finally in 2001 the present variety was chosen for commercialisation based on its desirable fruiting characteristics. Breeder: University of Bologna, Italy. 'Panaro Three' differs from 'Burlat' in that it has larger, firmer fruit that matures approximately 12-14 days later compared to that of 'Burlat'.

**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	size	very large
Fruit	shape	reniform
Fruit	colour of flesh	red to dark red
Time of	fruit maturity	early to medium

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

<b>Name</b>	<b>Comments</b>
'Sumpaca'	

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

<b>Variety</b>	<b>Comments</b>
'Giorgia'	'Giorgia' was initially considered but subsequently excluded based on differences in fruit size, shape and quality.

**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>'Panaro Three'</b>	<b>'Sumpaca'</b>
<input type="checkbox"/> *Tree: type	normal	normal
<input checked="" type="checkbox"/> Tree: vigour	strong	medium
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> *Tree: branching	medium	medium
<input checked="" type="checkbox"/> One-year-old shoot: number of lenticels	medium	few
<input checked="" type="checkbox"/> One-year-old shoot: position of vegetative bud in relation to shoot	slightly held out	adpressed
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration of tip	medium	absent or very weak
<input type="checkbox"/> Leaf blade: length	long	long
<input type="checkbox"/> Leaf blade: width	Broad	broad
<input checked="" type="checkbox"/> *Leaf blade: ratio length/width	large	medium
<input type="checkbox"/> Leaf blade: green colour of upper side	medium	medium
<input type="checkbox"/> *Leaf: length of petiole	long	long
<input type="checkbox"/> Leaf: ratio length of petiole/length of blade	medium	
<input type="checkbox"/> *Petiole: nectaries	present	present
<input checked="" type="checkbox"/> Petiole: colour of nectaries	orange yellow	light red
<input type="checkbox"/> Flower: diameter of corolla	large	
<input type="checkbox"/> Flower: shape of petal	broad elliptic	broad elliptic
<input checked="" type="checkbox"/> Flower: relative position of petal margins	touching	overlapping
<input type="checkbox"/> *Fruit: size	very large	very large
<input type="checkbox"/> *Fruit: shape	reniform	reniform
<input type="checkbox"/> Fruit: pistil end	depressed	
<input checked="" type="checkbox"/> *Fruit: colour of skin	blackish	dark red
<input type="checkbox"/> Fruit: size of lenticels on skin	small	
<input type="checkbox"/> Fruit: number of lenticels on skin	few	
<input type="checkbox"/> Fruit: colour of juice	red	purple
<input type="checkbox"/> Fruit: colour of flesh	red	dark red
<input type="checkbox"/> *Fruit: firmness	medium	medium
<input type="checkbox"/> Fruit: acidity	medium	
<input type="checkbox"/> Fruit: sweetness	medium	
<input checked="" type="checkbox"/> Fruit: juiciness	medium	strong

<input checked="" type="checkbox"/>	*Fruit: length of stalk	short	long
<input type="checkbox"/>	Fruit: abscission layer between stalk and fruit	absent	
<input type="checkbox"/>	Fruit: thickness of stalk	thick	
<input checked="" type="checkbox"/>	*Stone: size	medium	large
<input checked="" type="checkbox"/>	*Stone: shape	round	broad elliptic
<input type="checkbox"/>	*Stone: size relative to fruit	small	small to medium
<input checked="" type="checkbox"/>	*Time of: flowering	medium	late
<input type="checkbox"/>	*Time of: fruit maturity	early to medium	early to medium

### **Prior Applications and Sales**

First sold in Italy November 2001.

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

**Details of Application**

<b>Application Number</b>	2002/158
<b>Variety Name</b>	'Earlisweet'
<b>Genus Species</b>	<i>Prunus avium</i>
<b>Common Name</b>	Sweet Cherry
<b>Synonym</b>	
<b>Accepted Date</b>	16 Apr 2003
<b>Applicant</b>	Zaiger's Inc. Genetics
<b>Agent</b>	Graham's Factree Pty Ltd, Hoddles Creek, VIC
<b>Qualified Person</b>	Graham Fleming

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	US Patents & Trademark Office
<b>Overseas Data Reference Number</b>	PP9,783
<b>Location</b>	
<b>Descriptor</b>	Cherry ( <i>Prunus avium</i> ) TG/35/6
<b>Period</b>	
<b>Conditions</b>	Where possible the overseas data was verified under local conditions. The US Plant Patent data was converted into standard UPOV descriptors for Cherry.

**Origin and Breeding**

Open pollination: 'Stella'. The new and distinct variety of cherry was developed by Zaiger's Inc Genetics at their experimental orchard located near Modesto, California, USA. A large number of these open pollinated seedlings were observed growing and one such seedling, the present variety, was chosen for asexual propagation and commercialisation based on its desirable fruiting characteristics. 'Earlisweet' can be distinguished from its parent 'Stella' as it blossoms approximately 7 days earlier as well as having earlier maturing fruit of approximately 23 days before 'Stella'. Breeder: Zaiger's Inc Genetics, Modesto, CA.

**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>
Time of	fruit maturity	very early to early
Fruit	flesh colour	Red

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

<b>Name</b>	<b>Comments</b>
'Panaro One'	'Panaro One' matures approximately 4 – 5 days early and is reported to be self fertile compared to 'Earlisweet' which is slightly later in maturity and requires a pollinator.

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

<b>Variety</b>	<b>Comments</b>
'Early Burlat'	'Early Burlat' was originally considered but later excluded based on the differences in blossom timing and fruit cracking susceptibility compared to 'Earlisweet'.



**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>'Earlisweet'</b>	<b>'Panaro One'</b>
<input type="checkbox"/> Tree: vigour	strong	strong
<input type="checkbox"/> *Tree: habit	upright	semi-upright
<input type="checkbox"/> Leaf blade: length	long	long
<input type="checkbox"/> Leaf blade: width	medium to broad	broad
<input type="checkbox"/> *Leaf blade: ratio length/width	medium	medium
<input type="checkbox"/> Leaf blade: green colour of upper side	medium to dark	medium
<input type="checkbox"/> *Petiole: nectaries	present	present
<input type="checkbox"/> Flower: diameter of corolla	large	large
<input checked="" type="checkbox"/> *Fruit: size	medium	large
<input checked="" type="checkbox"/> *Fruit: shape	round	reniform
<input checked="" type="checkbox"/> *Fruit: colour of skin	light red	brown red
<input type="checkbox"/> Fruit: colour of flesh	red	red
<input checked="" type="checkbox"/> *Fruit: firmness	firm	soft
<input type="checkbox"/> Fruit: acidity	medium	medium
<input type="checkbox"/> Fruit: sweetness	medium	medium
<input type="checkbox"/> Fruit: juiciness	medium	medium
<input type="checkbox"/> Fruit: thickness of stalk	medium	medium
<input type="checkbox"/> *Stone: shape	broad elliptic	broad elliptic
<input type="checkbox"/> *Time of: flowering	medium	medium
<input type="checkbox"/> *Time of: fruit maturity	very early to early	very early

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Earlisweet'</b>	<b>'Panaro One'</b>
<input checked="" type="checkbox"/> Flower: pollination	not self fertile	self fertile

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	1995	Granted	'Earlisweet'

First sold in USA January 1997.

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

**Details of Application**

<b>Application Number</b>	2002/264
<b>Variety Name</b>	'Panaro Four'
<b>Genus Species</b>	<i>Prunus avium</i>
<b>Common Name</b>	Sweet Cherry
<b>Synonym</b>	
<b>Accepted Date</b>	15 Apr 2003
<b>Applicant</b>	University of Bologna, Italy
<b>Agent</b>	Graham's Factree Pty Ltd, Hoddles Creek, VIC
<b>Qualified Person</b>	Graham Fleming

**Details of Comparative Trial**

<b>Overseas Testing</b>	CPVO
<b>Authority</b>	
<b>Overseas Data</b>	2001/1540
<b>Reference Number</b>	
<b>Location</b>	
<b>Descriptor</b>	Cherry ( <i>Prunus avium</i> ) TG/35/6
<b>Period</b>	
<b>Conditions</b>	Where possible the overseas data was verified under local conditions.

**Origin and Breeding**

Controlled pollination: 'Lapins' x 'Burlat'. The new and distinct variety of cherry tree was developed by the University of Bologna, Italy. The resulting seedlings from this cross pollination were observed growing and between 1990 and 1992 the present variety was selected for further propagation and observation. Finally in 2001 the new variety was chosen for commercialisation based on its desirable fruiting characteristics. 'Panaro Four' can be distinguished from both its parents in that 'Panaro Four' has black skin and firm flesh compared to the red to dark red skin and softer flesh of both 'Lapins' and 'Burlat'. Breeder: University of Bologna, Italy.

**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	Flesh colour	red to dark red
Time of	flowering	medium
Time of	fruit maturity	early to medium

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

<b>Name</b>	<b>Comments</b>
'Santina'	'Santina' is similar to 'Panaro Four' in that it is also regarded as self fertile and matures mid season with 'Panaro Four'.

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

<b>Variety</b>	<b>Comments</b>
'Van'	Initially 'Van' was considered but subsequently excluded based on its later maturity, susceptibility to cracking and need for a pollinator.

**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>‘Panaro Four’</b>	<b>‘Santina’</b>
<input type="checkbox"/> *Tree: type	normal	normal
<input type="checkbox"/> Tree: vigour	medium	medium
<input checked="" type="checkbox"/> *Tree: habit	semi-upright	spreading to drooping
<input type="checkbox"/> *Tree: branching	strong	
<input type="checkbox"/> One-year-old shoot: number of lenticels	medium	
<input type="checkbox"/> One-year-old shoot: position of vegetative bud in relation to shoot	slightly held out	slightly held out
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration of tip	medium	weak
<input type="checkbox"/> Leaf blade: length	long	long
<input type="checkbox"/> Leaf blade: width	broad	broad
<input type="checkbox"/> *Leaf blade: ratio length/width	medium	medium
<input type="checkbox"/> Leaf blade: green colour of upper side	medium	medium
<input type="checkbox"/> *Leaf: length of petiole	long	long
<input type="checkbox"/> Leaf: ratio length of petiole/length of blade	medium	medium
<input type="checkbox"/> *Petiole: nectaries	present	present
<input checked="" type="checkbox"/> Petiole: colour of nectaries	orange yellow	purple
<input type="checkbox"/> Flower: diameter of corolla	large	
<input type="checkbox"/> Flower: shape of petal	broad elliptic	
<input checked="" type="checkbox"/> Flower: relative position of petal margins	touching	free
<input checked="" type="checkbox"/> *Fruit: size	large	very large
<input type="checkbox"/> *Fruit: shape	reniform	reniform
<input type="checkbox"/> Fruit: pistil end	depressed	
<input checked="" type="checkbox"/> *Fruit: colour of skin	brown red	blackish
<input checked="" type="checkbox"/> Fruit: size of lenticels on skin	medium	small
<input checked="" type="checkbox"/> Fruit: number of lenticels on skin	medium	many
<input checked="" type="checkbox"/> Fruit: colour of juice	red	purple
<input type="checkbox"/> Fruit: colour of flesh	pink	dark red
<input type="checkbox"/> *Fruit: firmness	medium	medium
<input type="checkbox"/> Fruit: acidity	medium	medium to high
<input type="checkbox"/> Fruit: sweetness	medium	low to medium
<input type="checkbox"/> Fruit: juiciness	medium	medium to strong

<input checked="" type="checkbox"/>	*Fruit: length of stalk	short	medium to long
<input type="checkbox"/>	Fruit: abscission layer between stalk and fruit	present	
<input type="checkbox"/>	Fruit: thickness of stalk	thick	
<input type="checkbox"/>	*Stone: size	medium	
<input type="checkbox"/>	*Stone: shape	broad elliptic	
<input type="checkbox"/>	*Stone: size relative to fruit	medium	
<input type="checkbox"/>	*Time of: flowering	medium	medium
<input type="checkbox"/>	*Time of: fruit maturity	early to medium	early to medium

### **Prior Applications and Sales**

First sold in Italy November 2001.

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

**Details of Application**

<b>Application Number</b>	2006/219
<b>Variety Name</b>	'Resolute II'
<b>Genus Species</b>	<i>Festuca arundinacea</i>
<b>Common Name</b>	Tall Fescue
<b>Synonym</b>	
<b>Accepted Date</b>	11 Sep 2006
<b>Applicant</b>	PGG Wrightson Seeds Ltd, New Zealand
<b>Agent</b>	Wrightson Seeds (Australia) Pty Ltd, Laverton, VIC
<b>Qualified Person</b>	Jennifer Ngaire James

**Details of Comparative Trial**

<b>Location</b>	AsureQuality Ltd, Lincoln, Canterbury, New Zealand
<b>Descriptor</b>	Tall Fescue ( <i>Festuca arundinacea</i> ) TG/39/8
<b>Period</b>	2007-2009
<b>Conditions</b>	Spaced plants: Seed sown and seedlings raised in glasshouse in early Mar, transplanted in mid May and sprinkler irrigated. Field measurements were taken from Jun – Dec. Row plants sown in late Feb.
<b>Trial Design</b>	Randomised spaced plots: 6 replicates of 10 plants per variety. Row plots: 2 replicates of 5 metres with density plants per replicate of 200 plants per metre.
<b>Measurements</b>	All observations on spaced plants (VS and MS) were made on 60 plants or parts taken from each of 60 plants. Observations on rows (VG) were made on each row as a whole.

**RHS Chart - edition****Origin and Breeding**

Open pollination followed by polycross: Resolute. Seeds of Resolute inoculated with AR542 endophyte were sown. Winter/spring 2001: Selection for vigour and softness. Oct 2001: Elites transplanted to polycross. Dec 2001 41 plants harvested and seed blended to form Resolute S1. Autumn 2002: Seeds of Resolute S1 were sown. Sep 2003 – Mar 2003: Selection for vigour, disease resistance, improved endophyte density in tillers and softness. Apr 2003 – Jun 2003: Selection for scarab tolerance. Jul 2003: 9 elite plants selected and placed in polycross. Jan 2004 Seed from 7 parents blended to form 'Resolute II' Nucleus I. It differs from 'Resolute' in having medium long panicle (284mm) as compared short panicle of the parent (202mm).

**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	natural height after vernalisation	long

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

<b>Name</b>	<b>Comments</b>
'Prosper'	
'Amelie'	
'Grasslands Advance'(Advance)	
'Quantum'	

‘Quantum II’  
 ‘Grasslands Flecha’(Flecha)  
 ‘Ceres. Typhoon’(Typhoon)

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

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Creole’	inflorescence	length	short	medium
‘Encore’	inflorescence	length	short	very long
‘Fraydo’	inflorescence	length	short	medium to long
Bombina	inflorescence	length	short	long
‘Midwin’	inflorescence	length	short	long

### **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	‘Resolute II’	‘Amelie’	‘Typhoon’	‘Advance’	‘Flecha’	‘Prosper’	‘Quantum’	‘Quantum II’
<input type="checkbox"/> *Ploidy:	hexaploid							
<input checked="" type="checkbox"/> *Leaf: intensity of green colour during vegetative growth stage	medium	dark	light to medium	medium			dark to very dark	
<input type="checkbox"/> Plant: natural height after vernalisation	long							
<input checked="" type="checkbox"/> *Plant: time of inflorescence emergence	early						medium to late	
<input checked="" type="checkbox"/> Plant: growth habit at inflorescence emergence	semi-erect	intermediate	intermediate to semi-prostrate	intermediate			intermediate	
<input checked="" type="checkbox"/> Plant: natural height at inflorescence emergence	long	short to medium	medium	medium			medium to long	
<input type="checkbox"/> *Stem: length of longest stem including inflorescence	medium					medium to long		
<input type="checkbox"/> *Flag leaf: width	medium	medium to wide	medium to wide	medium			narrow to medium	
<input type="checkbox"/> Inflorescence: length	short to medium			medium				
<input checked="" type="checkbox"/> *Flag leaf: length on representative stem	long	long to very long	medium to long	medium			long to very long	medium medium

**Statistical Table**

Organ/Plant Part: Context	'Resolute II'	'Amelie'	'Typhoon'	'Advance'	'Flecha'	'Prosper'	'Quantum'	'Quantum II'
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence (days)								
Mean	48.83	65.60	55.88	58.98	51.70	57.17		
Std. Deviation	3.56	5.58	5.68	3.78	3.98	4.07		
LSD/sig	4.49	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01		
<input checked="" type="checkbox"/> Flag leaf: width (mm)								
Mean	7.47	7.92	8.23	8.53	7.30	7.40		
Std. Deviation	1.05	1.30	1.47	1.47	1.02	1.15		
LSD/sig	0.84	ns	Ns	P≤0.01	ns	ns		
<input type="checkbox"/> Flag leaf: length (mm)								
Mean	228.17	151.17	151.35	149.92	225.92	209.17		
Std. Deviation	41.97	32.54	32.49	32.53	46.39	43.99		
LSD/sig	23.87	P≤0.01	P≤0.01	P≤0.01	ns	ns		
<input checked="" type="checkbox"/> Stem: length of longest stem (mm)								
Mean	985.00	1001.25	958.75	985.00	1132.50	1143.75		
Std. Deviation	106.72	112.58	94.69	88.11	168.74	118.94		
LSD/sig	119.67	ns	Ns	ns	P≤0.01	P≤0.01		
<input type="checkbox"/> Stem: length of upper internode (mm)								
Mean	492.67	542.25	504.18	486.92	588.43	619.25		
Std. Deviation	80.76	70.09	82.87	79.76	112.42	110.05		
LSD/sig	58.43	ns	Ns	ns	P≤0.01	P≤0.01		
<input checked="" type="checkbox"/> Inflorescence: length (mm)								
Mean	243.25	248.75	266.00	256.42	301.67	322.42		
Std. Deviation	38.85	42.32	72.18	40.62	56.62	65.16		
LSD/sig	31.40	ns	Ns	ns	P≤0.01	P≤0.01		
<input checked="" type="checkbox"/> Inflorescence: spikelet length (mm)								
Mean	11.23	14.47	11.99	12.29	11.70	12.65		
Std. Deviation	1.79	2.56	2.04	2.32	1.72	1.65		
LSD/sig	1.49	P≤0.01	Ns	ns	ns	ns		

**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
New Zealand	2006	Granted	'Resolute II'

Description: **Jennifer James**, Palmesrston North, New Zealand.

**Details of Application**

<b>Application Number</b>	2005/158
<b>Variety Name</b>	'Flat Fred'
<b>Genus Species</b>	<i>Scaevola crassifolia</i>
<b>Common Name</b>	Thick-leaved Fan Flower
<b>Synonym</b>	
<b>Accepted Date</b>	13 Jul 2005
<b>Applicant</b>	George A Lullfitz, Wanneroo, WA
<b>Agent</b>	
<b>Qualified Person</b>	Peter Abell

**Details of Comparative Trial**

<b>Location</b>	Great Northern Highway Muchea WA
<b>Descriptor</b>	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES.
<b>Period</b>	September 2006-September 2006
<b>Conditions</b>	Winter rainfall climate. Sand ridge in full sun. Irrigation by drippers. Soil type, Lateritic Sand
<b>Trial Design</b>	15 plants in rows at 1metre spacing with comparator following in the same row.
<b>Measurements</b>	Observations taken from all plants
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Seedling selection: amongst a population of *Scaevola crassifolia* grown at Lullfitz Nursery, Muchea, WA in July 2003. Main selection criteria was low to prostrate growth habit. The selected seedling was vegetatively propagated over 4 cycles of propagation in Muchea and Wanneroo, WA between 2003 and 2005. No offtypes were observed. Breeder: George A. Lullfitz, Wanneroo, WA.

**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	shrub
Stem	degree of hairiness	absent or low
Leaf	type	simple
Leaf	size	medium
Leaf	type of incision	toothed
Leaf	presence of variegation	absent

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

<b>Name</b>	<b>Comments</b>
Industry variety	The comparator is an unnamed variety grown in the industry.



**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>'Flat Fred'</b>	<b>Industry variety</b>
<input type="checkbox"/> Plant: type	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	spreading	bushy
<input checked="" type="checkbox"/> Plant: size	very small	small to medium
<input type="checkbox"/> Stem: degree of hairiness	absent or low	absent or low
<input type="checkbox"/> Stem: thorns, prickles, spines etc	absent	absent
<input type="checkbox"/> Stem: presence of hairs	absent	absent
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present
<input type="checkbox"/> Young shoot: anthocyanin colouration	medium	absent or very weak to weak
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: attitude	semi-erect	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input type="checkbox"/> Leaf: length of blade	short to medium	medium
<input type="checkbox"/> Leaf: width of blade	medium to broad	broad
<input type="checkbox"/> Leaf: length of petiole	very short	very short
<input checked="" type="checkbox"/> Leaf: shape	obovate	circular (orbiculate)
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	present	present
<input type="checkbox"/> Leaf: depth of incision	very shallow to shallow	shallow to medium
<input type="checkbox"/> Leaf: type of incision	toothed	toothed
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>'Flat Fred'</b>	<b>Industry variety</b>
<input checked="" type="checkbox"/> Stem: attitude	horizontal	semi-erect

**Prior Applications and Sales**

First sold in Australia in May 2005

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

## GRANTS

*Acacia cognata*

BOWER WATTLE, RIVER WATTLE

### ‘**Curvaceous**’<sup>ϕ</sup>

Application No: 2008/061

Applicant: **Phillip Dowling**

Certificate No: 4017 Expiry Date: 8 June, 2030.

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

### ‘**Fettuccini**’<sup>ϕ</sup>

Application No: 2008/266

Applicant: **Phillip Dowling**

Certificate No: 4043 Expiry Date: 30 June, 2030.

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

*Brassica juncea*

INDIAN MUSTARD

### ‘**Caza**’<sup>ϕ</sup>

Application No: 2006/032

Applicant: **University of Western Australia**

Certificate No: 4035 Expiry Date: 22 June, 2030.

*Calathea roseo-picta*

CALATHEA

### ‘**Dottie**’<sup>ϕ</sup>

Application No: 2005/159

Applicant: **Twyford International Inc.**

Certificate No: 4036 Expiry Date: 22 June, 2030.

Agent: **Jackson's Nursery**, The Gap, Brisbane, QLD.

*Camellia sasanqua*

CAMELLIA

### ‘**PAREMI**’<sup>ϕ</sup>

Application No: 2004/239

Applicant: **The Paradise Seed Company Pty Ltd**

Certificate No: 4007 Expiry Date: 24 April, 2030.

Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

**‘PARREB’<sup>ϕ</sup>**

Application No: 2004/238

Applicant: **The Paradise Seed Company Pty Ltd**

Certificate No: 4006 Expiry Date: 24 April, 2030.

Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

**‘PARSIM’<sup>ϕ</sup>**

Application No: 2004/237

Applicant: **The Paradise Seed Company Pty Ltd**

Certificate No: 4005 Expiry Date: 24 April, 2030.

Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

*Cannabis sativa*

INDUSTRIAL HEMP

**‘Kepnock’<sup>ϕ</sup>**

Application No: 2008/132

Applicant: **Agri Fibre Industries Pty Ltd**

Certificate No: 4014 Expiry Date: 7 June, 2030.

*Citrus sinensis*

SWEET ORANGE

**‘Modica’<sup>ϕ</sup>**

Application No: 2003/305

Applicant: **John Modica**

Certificate No: 4034 Expiry Date: 22 June, 2030.

*Coprosma repens*

MIRROR PLANT

**‘Lemon and Lime’<sup>ϕ</sup>**

Application No: 2009/061

Applicant: **Growing Spectrum Ltd**

Certificate No: 4011 Expiry Date: 12 May, 2030.

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

*Crowea saligna*

WAX FLOWER, WILLOW-LEAVED CROWEA

**‘PPCS1’**<sup>ϕ</sup>

Application No: 2007/259

Applicant: **Prestige Plants Pty Ltd**

Certificate No: 4010 Expiry Date: 29 April, 2030.

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

*Dianella revoluta*

SPREADING FLAX-LILY, BLUEBERRY LILY, BLACK-ANTHER FLAX-LILY, BLUE FLAX LILY

**‘LHC1’**<sup>ϕ</sup>

Application No: 2008/221

Applicant: **Greenhills Propagation Nursery Pty Ltd**

Certificate No: 4028 Expiry Date: 18 June, 2030.

*Dianthus x allwoodii*

PINKS

**‘WP05 Yves’**<sup>ϕ</sup> **syn Coconut Sundae**<sup>ϕ</sup>

Application No: 2008/200

Applicant: **Whetman Pinks Ltd.**

Certificate No: 4015 Expiry Date: 8 June, 2030.

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

*Glycine max*

SOYBEAN

**‘Moonbi’**<sup>ϕ</sup>

Application No: 2009/062

Applicant: **Commonwealth Scientific and Industrial Research Organisation, Grains Research and Development Corporation, Department of Primary Industries for and on behalf of the State of New South Wales**

Certificate No: 4021 Expiry Date: 15 June, 2030.

Agent: **Commonwealth Scientific and Industrial Research Organisation**, Canberra,, ACT.

*Hardenbergia violacea*

FALSE SARSPARILLA

**'Regent'**<sup>ϕ</sup>

Application No: 2008/138

Applicant: **Peter James Ollerenshaw**

Certificate No: 4029 Expiry Date: 16 June, 2030.

*Helleborus* hybrid

WINTER ROSE

**'Walhelivor'**<sup>ϕ</sup> **syn Ivory Prince**<sup>ϕ</sup>

Application No: 2007/334

Applicant: **David Tristram**

Certificate No: 4016 Expiry Date: 8 June, 2030.

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

*Hydrangea macrophylla*

HYDRANGEA

**'Blushing Bride'**<sup>ϕ</sup>

Application No: 2006/119

Applicant: **The University of Georgia Research Foundation, Inc.**

Certificate No: 4031 Expiry Date: 21 June, 2030.

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

*Kalanchoe blossfeldiana*

KALANCHOE

**'DON FREDERICO'**<sup>ϕ</sup>

Application No: 2006/078

Applicant: **Knaap Licenties B.V.**

Certificate No: 4038 Expiry Date: 22 June, 2030.

Agent: **Crop and Nursery Services**, KINCUMBER,, NSW.

**'DON JUAN'**<sup>ϕ</sup>

Application No: 2006/079

Applicant: **Knaap Licenties B.V.**

Certificate No: 4037 Expiry Date: 22 June, 2030.

Agent: **Crop and Nursery Services**, KINCUMBER, NSW.

*Lactuca sativa*

LETTUCE

**‘KITARE’**<sup>ϕ</sup>

Application No: 2006/301

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV**

Certificate No: 4018 Expiry Date: 8 June, 2030.

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

*Lilium hybrid*

LILY

**‘Catalonie’**<sup>ϕ</sup>

Application No: 2006/363

Applicant: **Vletter & Den Haan Beheer B.V.**

Certificate No: 4008 Expiry Date: 24 April, 2030.

Agent: **Watermark - Patent & Trademark Attorneys**, Melbourne, VIC.

*Liriope muscari*

LILYTURF

**‘LIRBLONDE’**<sup>ϕ</sup>

Application No: 2008/310

Applicant: **Ozbreed Pty Ltd**

Certificate No: 4023 Expiry Date: 16 June, 2030.

*Metrosideros collina*

CHRISTMAS BUSH

**‘Crimson Glory’**<sup>ϕ</sup>

Application No: 2008/324

Applicant: **Terry Keogh**

Certificate No: 4045 Expiry Date: 30 June, 2030.

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

**‘Red Baby’**<sup>ϕ</sup>

Application No: 2008/323

Applicant: **Terry Keogh**

Certificate No: 4044 Expiry Date: 30 June, 2030.

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

*Mimusops elengi*

SPANISH CHERRY

**'Mini-Mim'**<sup>ϕ</sup>

Application No: 2009/086

Applicant: **Darwin Plant Wholesalers**

Certificate No: 4019 Expiry Date: 9 June, 2035.

*Pennisetum alopecuroides*

SWAMP FOXTAIL

**'PAV300'**<sup>ϕ</sup>

Application No: 2008/101

Applicant: **Ozbreed Pty Ltd**

Certificate No: 4022 Expiry Date: 16 June, 2030.

*Pennisetum clandestinum*

KIKUYU GRASS

**'Crowne'**<sup>ϕ</sup>

Application No: 2009/259

Applicant: **Muscat Turf Pty Ltd**

Certificate No: 4020 Expiry Date: 10 June, 2030.

**'K-5'**<sup>ϕ</sup>

Application No: 2008/149

Applicant: **GeneGro Pty Ltd**

Certificate No: 4042 Expiry Date: 30 June, 2030.

*Phaseolus vulgaris*

FRENCH BEAN, SNAP BEAN

**'Boone'**<sup>ϕ</sup>

Application No: 2009/007

Applicant: **Harris Moran Seed Company**

Certificate No: 4001 Expiry Date: 13 April, 2030.

Agent: **Clause Pacific**, Bulleen, VIC.

**'Hickok'**<sup>ϕ</sup>

Application No: 2009/005

Applicant: **Harris Moran Seed Company**

Certificate No: 4003 Expiry Date: 13 April, 2030.

Agent: **Clause Pacific**, Bulleen, VIC.

**‘Pike’**<sup>ϕ</sup>

Application No: 2009/006  
Applicant: **Harris Moran Seed Company**  
Certificate No: 4002 Expiry Date: 13 April, 2030.  
Agent: **Clause Pacific**, Bulleen, VIC.

*Phormium tenax*

NEW ZEALAND FLAX

**‘PhoHar01’**<sup>ϕ</sup>

Application No: 2008/114  
Applicant: **Richard Harris**  
Certificate No: 3999 Expiry Date: 11 April, 2030.  
Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

**‘PhoHar02’**<sup>ϕ</sup>

Application No: 2008/246  
Applicant: **Richard Harris**  
Certificate No: 4000 Expiry Date: 11 April, 2030.  
Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

*Platanus orientalis*

ORIENTAL PLANE

**‘Alford Blaze’**<sup>ϕ</sup>

Application No: 2008/016  
Applicant: **ALLENTON NURSERIES INTERNATIONAL LTD**  
Certificate No: 3998 Expiry Date: 11 April, 2035.  
Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)**, Bathurst, NSW.

*Prunus armeniaca*

APRICOT

**‘Cluthafire’**<sup>ϕ</sup>

Application No: 2004/062  
Applicant: **The New Zealand Institute for Plant and Food Research**  
Certificate No: 4040 Expiry Date: 21 June, 2035.  
Agent: **Australian Nurserymans Fruit Improvement Company Limited**, Bathurst, NSW.



**‘Mascot’<sup>ϕ</sup>**

Application No: 2004/063

Applicant: **The New Zealand Institute for Plant and Food Research**

Certificate No: 4041 Expiry Date: 22 June, 2035.

Agent: **Australian Nurserymans Fruit Improvement Company Limited**, Bathurst, NSW.**‘Suaprinine’<sup>ϕ</sup>**

Application No: 2006/165

Applicant: **Sun World International, LLC**

Certificate No: 4004 Expiry Date: 23 April, 2035.

Agent: **Sun World Australasia**, Oberon, NSW.*Rosa* hybrid

ROSE

**‘Aushunter’<sup>ϕ</sup>**

Application No: 2003/062

Applicant: **David Austin Roses Ltd**

Certificate No: 4009 Expiry Date: 29 April, 2030.

Agent: **Leigh Siebler**, HARTWELL, VIC.**‘Delchifrou’<sup>ϕ</sup>**

Application No: 2008/197

Applicant: **Delbard Pepinieres**

Certificate No: 4032 Expiry Date: 21 June, 2030.

Agent: **Rankins Nursery P/L**, Officer, VIC.*Saccharum* hybrid

SUGARCANE

**‘Q235’<sup>ϕ</sup>**

Application No: 2007/223

Applicant: **BSES Limited**

Certificate No: 4039 Expiry Date: 22 June, 2030.

**‘Q238’<sup>ϕ</sup>**

Application No: 2009/084

Applicant: **BSES Limited**

Certificate No: 4027 Expiry Date: 16 June, 2030.

**‘Q240’<sup>ϕ</sup>**

Application No: 2009/083

Applicant: **BSES Limited**

Certificate No: 4026 Expiry Date: 16 June, 2030.

*Senecio* hybrid

SENECIO, CINERARIA

**'Sunsenebabu'<sup>ϕ</sup> syn Baby Blue<sup>ϕ</sup>**

Application No: 2007/184

Applicant: **Suntory Flowers Limited**

Certificate No: 4013 Expiry Date: 12 May, 2030.

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

**'Sunsenebapiba'<sup>ϕ</sup> syn Baby Magenta Bicolour<sup>ϕ</sup>**

Application No: 2007/183

Applicant: **Suntory Flowers Limited**

Certificate No: 4012 Expiry Date: 12 May, 2030.

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

*Triticum aestivum*

WHEAT

**'Livingston'<sup>ϕ</sup>**

Application No: 2004/289

Applicant: **The University of Sydney, Grain Research and Development Corporation**

Certificate No: 4030 Expiry Date: 21 June, 2030.

Agent: **Australian Grain Technologies Pty Ltd**, Osmond, SA.

*Urochloa mosambicensis*

UROCHLOA

**'Tarwan'<sup>ϕ</sup>**

Application No: 2009/010

Applicant: **Allan G. Storch**

Certificate No: 4046 Expiry Date: 30 June, 2030.

*Vaccinium* hybrid

SOUTHERN Highbush Blueberry

**'Farthing'<sup>ϕ</sup>**

Application No: 2009/076

Applicant: **University of Florida Board of Trustees**

Certificate No: 4024 Expiry Date: 16 June, 2030.

Agent: **CostaExchange Ltd**, Corindi Beach, NSW.

**‘Scintilla’**<sup>ϕ</sup>

Application No: 2009/077

Applicant: **University of Florida Board of Trustees**

Certificate No: 4025 Expiry Date: 16 June, 2030.

Agent: **CostaExchange Ltd**, Corindi Beach, NSW.

*Vitis vinifera*

GRAPE

**‘Regal Seedless’**<sup>ϕ</sup>

Application No: 2003/088

Applicant: **Arc Infruitec Nietvoorbij**

Certificate No: 4033 Expiry Date: 22 June, 2030.

Agent: **Nangiloc Colignan Farms**, Red Cliffs, VIC.

## Denomination Changed

Application No.	Genus	Species	Common Name	Changed From	Changed To
2009/187	<i>Saccharum</i>	hybrid	Sugarcane	<b>QN92-1234</b>	<b>Q241</b>
2005/225	<i>Banksia</i>	<i>spinulosa</i> var. <i>collina</i>	Hairpin Banksia	Lighthouse	Goldenlighthouse

## Change of Agent

Application No.	Genus	Species	Variety	Changed From	Changed To
2007/147	<i>Dracaena</i>	<i>deremensis</i>	Lemon Surprise	Ramm Botanicals Pty Ltd	Dragontree Beheer B.V.
2007/148	<i>Dracaena</i>	<i>deremensis</i>	Malaika	Ramm Botanicals Pty Ltd	Dragontree Beheer B.V.
2007/149	<i>Dracaena</i>	<i>deremensis</i>	White Surprise	Ramm Botanicals Pty Ltd	Dragontree Beheer B.V.
1998/112	<i>Medicago</i>	<i>sativa</i>	Salado	PlantTech	Seedmark
1999/163	<i>Triticum</i>	<i>aestivum</i>	Wylah	PlantTech	Seedmark
2001/297	<i>Brassica</i>	<i>napus</i> var.	Lantern	PlantTech	Seedmark
2005/006	<i>Brassica</i>	<i>napus</i>	Bravo TT	PlantTech	Seedmark
2000/143	<i>Triticum</i>	<i>aestivum</i>	Babbler	PlantTech	Seedmark
2002/315	<i>Triticum</i>	<i>aestivum</i>	Ellison	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
2002/314	<i>Triticum</i>	<i>aestivum</i>	Marombi	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
2001/006	<i>Triticum</i>	<i>aestivum</i>	Braewood	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
2002/311	<i>Triticum</i>	<i>aestivum</i>	SUN 376G	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
2003/320	<i>Triticum</i>	<i>aestivum</i>	SUN404B	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
2004/126	<i>Triticum</i>	<i>aestivum</i>	SUN421T	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
2004/289	<i>Triticum</i>	<i>aestivum</i>	Livingston	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
2001/191	<i>Pittosporum</i>	<i>tenuifolium</i>	Going Green	Braddles Pty Ltd ATF Hermitage Nursery Superannuation Fund	Hermitage Nursery
2007/115	<i>Pittosporum</i>	<i>tenuifolium</i>	Kiwijade	Braddles Pty Ltd ATF Hermitage Nursery Superannuation Fund	Hermitage Nursery
2002/212	<i>Pisum</i>	<i>sativum</i>	Yarrum	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
2009/279	<i>Lomandra</i>	<i>confertifolia</i>	Emerald Grace	Plants Management Australia Pty Ltd	Ausplanz Investments Pty Ltd

## Change of Applicant's Name

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
1995/132	<i>Syzygium</i>	<i>australe</i>	Bush Christmas	Lilly Pilly	Fairhill Native Plants	Waragrow Holdings Pty Ltd T/as Fairhill Native Plants & Botanic Gardens
2009/038	<i>Grevillea</i>	<i>formosa</i> x <i>Grevillea banksii</i>	Ninderry-Sunrise	Grevillea	Fairhill Native Plants	Waragrow Holdings Pty Ltd T/as Fairhill Native Plants & Botanic Gardens
2010/039	<i>Grevillea</i>	<i>formosa</i> x <i>Honey Gem</i>	Ninderry-Gold	Grevillea	Fairhill Native Plants	Waragrow Holdings Pty Ltd T/as Fairhill Native Plants & Botanic Gardens
2003/319	<i>Triticum</i>	<i>aestivum</i>	TMB406F2	Wheat	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
1998/066	<i>Triticum</i>	<i>aestivum</i>	H45	Wheat	Sunprime Seeds Pty Ltd	Australian Grain Technologies Pty Ltd
2001/303	<i>Thuja</i>	<i>occidentalis</i>	Futuristic	White Cedar	Braddles Pty Ltd A/T/F Hermitage Nursery Super Fund	Hermitage Nursery P/L
2003/255	<i>Pittosporum</i>	<i>tenuifolium</i>	Variegated Screenmaster	Kohuhu	Braddles Pty Ltd A/T/F Hermitage Nursery Super Fund	Hermitage Nursery P/L
2006/201	<i>Pittosporum</i>	<i>tenuifolium</i>	Gold Screenmaster	Kohuhu	Braddles Pty Ltd A/T/F Hermitage Nursery Super Fund	Hermitage Nursery P/L
1995/152	<i>Sesamum</i>	<i>indicum</i>	EDITH	Sesame	Department of Regional Development, Primary Industry, Fisheries and	Department of Resources (DoR)

## Assignment of Rights

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2010/037	<i>Rosa</i>	<i>rugosa</i>	Freycinet	Rugosa Rose	Lilia Weatherly	Prophyl Pty Ltd
2006/169	<i>Dracaena</i>	<i>deremensis</i>	White Jewel	Dragon Tree	Rudd A.M. Scheffers	Dragontree Beheer B.V.
2006/170	<i>Dracaena</i>	<i>deremensis</i>	Kanzi	Dragon Tree	Rudd A.M. Scheffers	Dragontree Beheer B.V.
2008/077	<i>Brassica</i>	<i>juncea</i>	NORAM	Mustard	Department of Industry & Investment for and on behalf of the State of New South Wales and Grains Research Development Corporation	Commonwealth Scientific and Industrial Research Organisation
2000/102	<i>Triticum</i>	<i>aestivum</i>	<i>Clearfield WHT JNZ</i>	Wheat	Western Australian Agriculture Authority	InterGrain Pty Ltd
2000/103	<i>Triticum</i>	<i>aestivum</i>	<i>Clearfield WHT STL</i>	Wheat	Western Australian Agriculture Authority	InterGrain Pty Ltd

## WITHDRAWN

The following varieties are no longer under PBR provisional protection

App. No.	Genus	Species	Common Name	Variety
2007/251	<i>Hardenbergia</i>	<i>comptoniana</i>	False Sarsparilla	LittleGL
2002/113	<i>Ornithogalum</i>	<i>hybrid</i>	Star of Bethlehem	Chesapeake Sunset
2007/253	<i>Melaleuca</i>	<i>lanceolata</i>	Rottnest Teatree	Short1GL
2008/372	<i>Melaleuca</i>	<i>spathulata</i>	Pom-pom Honey Myrtle	Anklebiter
2007/248	<i>Calothamnus</i>	<i>quadrifidus</i>	One sided bottlebrush	CalgreyGL
2007/246	<i>Pimelea</i>	<i>physodes</i>	Qualup bell	QualredGL
2007/054	<i>Verbena</i>	<i>x hybrida</i>	Garden Verbena	USBENA5117
2007/055	<i>Verbena</i>	<i>x hybrida</i>	Garden Verbena	USBENA5002
2005/075	<i>Angelonia</i>	<i>hybrid</i>	Angelonia	Anwhit
2005/104	<i>Angelonia</i>	<i>hybrid</i>	Angelonia	Anblauzwei
2005/103	<i>Angelonia</i>	<i>hybrid</i>	Angelonia	Anstern
2006/155	<i>Angelonia</i>	<i>hybrid</i>	Angelonia	Ansky
2006/154	<i>Angelonia</i>	<i>hybrid</i>	Angelonia	Anpink
2009/056	<i>Cucurbita</i>	<i>moschata</i>	Pumpkin	Sunglow
2010/019	<i>Solanum</i>	<i>tuberosum L.</i>	Potato	Smart
2008/277	<i>Lamium</i>	<i>maculatum</i>	Spotted deadnettle	CandyFrost
2007/176	<i>Dianella</i>	<i>caerulea</i>	Blue Flax-Lily	Pattison's Gift
2008/249	<i>Dianella</i>	<i>caerulea</i>	Blue Flax-Lily	Allyn Flat Chat
2007/104	<i>Actinidia</i>	<i>chinensis</i>	Kiwifruit	RA/17



## Grants Surrendered

App. No.	Genus	Species	Variety	Synonym	Common Name
2007/146	<i>Chlorophytum</i>	<i>comosum</i>	Ocean		Spider Plant
1996/170	<i>Lilium</i>	<i>hybrid</i>	LOMBARDIA		Lily
2006/361	<i>Lilium</i>	<i>hybrid</i>	Giacondo		Lily
2006/364	<i>Lilium</i>	<i>hybrid</i>	Argentina		Lily
2002/044	<i>Lilium</i>	<i>hybrid</i>	TARRAGONA		Lily
1996/176	<i>Lilium</i>	<i>hybrid</i>	OUR MEDUSA		Lily
1996/177	<i>Lilium</i>	<i>hybrid</i>	BERNINI		Lily
2006/231	<i>Rosa</i>	<i>hybrid</i>	Preruclou		Rose
2005/232	<i>Brassica</i>	<i>napus</i>	ATR-Summitt		Canola
2005/044	<i>Lactuca</i>	<i>sativa</i>	Sirmai		Lettuce
2005/306	<i>Lactuca</i>	<i>sativa</i>	Xsara		Lettuce
2004/030	<i>Impatiens</i>	<i>walleriana</i>	Balpixotse		Busy Lizzie
1999/206	<i>Alstroemeria</i>	<i>hybrid</i>	Stalog	Olga	Peruvian Lily
1994/062	<i>Anigozanthos</i>	<i>hybrid</i>	Bush Ochre		Kangaroo Paw
2003/203	<i>Spathiphyllum</i>	<i>hybrid</i>	Stwenty-nine	Sensation Junior	Peace Lily
1998/003	<i>Impatiens</i>	<i>walleriana</i>	Lavender Orchid	Fiesta Lavender Orchid Double	Busy Lizzie
1998/004	<i>Impatiens</i>	<i>walleriana</i>	Fiesta White		Busy Lizzie
1995/041	<i>Impatiens</i>	<i>walleriana</i>	SPARKLER SALMON	FIESTA SPARKLER SALMON	Busy Lizzie
1998/005	<i>Impatiens</i>	<i>walleriana</i>	Pink Ruffle	Fiesta Pink Ruffle	Busy Lizzie
2000/068	<i>Impatiens</i>	<i>walleriana</i>	Balfiecobl	Fiesta Coral Bells	Busy Lizzie
2003/199	<i>Impatiens</i>	<i>walleriana</i>	Balfieplos	Apple Blossom	Busy Lizzie
2003/200	<i>Impatiens</i>	<i>walleriana</i>	Balfiespray	Cherry Sparkler	Busy Lizzie
2004/158	<i>Hesperozygis</i>	<i>hybrid</i>	Sunmindepi		Hesperozygis
2001/186	<i>Verbena</i>	<i>hybrid</i>	Sunmaref TP-SAP	Salmon Pink	Verbena
2003/250	<i>Torenia</i>	<i>hybrid</i>	Sunrenirirepa	Amethyst Magic	Wishbone Flower
1995/126	<i>Solanum</i>	<i>tuberosum</i>	REMARKA		Potato
1996/039	<i>Solanum</i>	<i>tuberosum</i>	ST. JOHNS		Potato
2001/268	<i>Philodendron</i>	<i>selloum</i>	Sarah's Way		Lacy Tree Philodendron
2001/165	<i>Gossypium</i>	<i>hirsutum</i>	Sicot 80		Cotton
2002/217	<i>Calibrachoa</i>	<i>hybrid</i>	Sunbelkufepi	Trailing Plum	Calibrachoa
1998/055	<i>Olea</i>	<i>europaea</i>	DRS 01 URANO		Olive
1997/075	<i>Freesia</i>	<i>hybrid</i>	VARAYEL	RAPID YELLOW	Freesia
2007/120	<i>Alstroemeria</i>	<i>hybrid</i>	Zalsadon	Snowdon	Peruvian Lily
2008/022	<i>Brassica</i>	<i>napus</i>	Storm TT		Canola
2002/097	<i>Alstroemeria</i>	<i>hybrid</i>	Fuego		Peruvian Lily
2004/009	<i>Alstroemeria</i>	<i>hybrid</i>	Kofuji		Peruvian Lily
1998/139	<i>Triticum</i>	<i>aestivum</i>	Ajana		Wheat
2001/140	<i>Luma</i>	<i>apiculata</i>	TUNLUM1		Luma
2005/093	<i>Hydrangea</i>	<i>Macrophylla</i>	Hydrangea	Rabearth	
1993/221	<i>Cynara</i>	<i>scolymus</i>	IMPERIAL STAR		Globe Artichoke
2000/142	<i>Triticum</i>	<i>aestivum</i>	Thornbill		Wheat

## Grants Expired

The following varieties are no longer under PBR protection:

App. No.	Genus	Species	Common Name	Variety
1990/023	Lolium	<i>Perenne</i>	Perennial Ryegrass	Roper
1990/043	Schlumbergera	<i>Truncatus</i>	Christmas Cactus	Christmas Fantasy
1990/049	Dipladenia	<i>Sanderii</i>	Mandevilla	Scarlet Pimpernel
1990/046	Rosa	<i>Hybrid</i>	Rose	Auscot
1990/047	Rosa	<i>Hybrid</i>	Rose	Ausblush
1990/050	Hardenbergia	<i>Violacea</i>	False Sarsparilla	Mini-Haha
1990/055	Medicago	<i>Sativa</i>	Lucerne	Quadrella
1990/060	Malus	<i>Domestica</i>	Apple	Big Time
1990/061	Leucodendron	<i>Hybrid</i>	Leucadendron	Katie's Blush
1990/024	Bothriochloa	<i>Pertusa</i>	Indian Bluegrass	Dawson
1990/077	Trifolium	<i>Pratense</i>	Red Clover	Grasslands Colenso
1990/078	Stylosanthes	<i>Hamata</i>	Caribbean Stylo	Amiga

## GRANTS REVOKED

The following varieties are no longer under PBR protection

App No.	Genus	Species	Variety	Synonym	Common Name
1992/030	Lantana	sellowiana	MONSWEE	LAVENDER SWIRL	Lantana
1996/203	Cynodon	dactylon x Cynodon transvaalensis	Champion Dwarf		Hybrid Green Couch Grass
2000/340	Chrysanthemum	hybrid	UoM95-105-6		Chrysanthemum
2001/003	Cannabis	sativa	Finola		Industrial Hemp

2003/351	Sesamum	indicum	Rakabe	Sesame	Department of Regional Development, Primary Industry, Fisheries and Resources	Department of Resources (DoR)
2003/352	Sesamum	indicum	Rosemarie	Sesame	Department of Regional Development, Primary Industry, Fisheries and Resources	Department of Resources (DoR)

## Corrigenda

### STRAWBERRY

*Fragaria x ananassa*

#### **'Florida Radiance'**

Application No: 2009/125

The synonym Florida Fortuna was inadvertently omitted from the acceptance process and the subsequent description published in PVJ 22.3. The synonym Florida Fortuna has been added to the description.

## Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 23 Issue 2**) are listed below:

- [Home](#)
- [Appendix 1 - Fees](#)
- [Appendix 2 - Plant Breeder's Rights Advisory Committee](#)
- [Appendix 3 - Index of Accredited Consultant 'Qualified Persons'](#)
- [Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'](#)
- [Appendix 5 - Addresses of UPOV and Member States](#)
- [Appendix 6 - Centralised Testing Centres](#)
- [Appendix 7 - List of Plant Classes for Denomination Purposes](#)
- [Appendix 8 - Register of Plant Varieties](#)

## APPENDIX 1

### FEES

Two fee structures exist as a result of the transition from Plant Variety Rights to Plant Breeders Rights. For new applications (those lodged on or after 11 November 1994) the PBR fees apply. For older applications lodged before 11 November 1994 and not finally disposed of (Granted, Withdrawn, Refused etc.) the PVR fees in force at the time apply.

The Treasurer has determined that all statutory fees under PBR regulations will be exempted from GST.

### Payment of Fees

All cheques for fees should be made payable and sent to:

**Collector of Public Monies**  
**C/-Plant Breeders Rights Office, IP Australia**  
**GPO Box 200**  
**Woden, ACT 2606**

The **application fee** (\$300) must accompany the application at the time of lodgement.

### Consequences of not paying fees when due

#### *Application fee*

Should an application not be accompanied by the prescribed application fee the application will be deemed to be 'non-valid' and neither assigned an application number nor examined for acceptance pending the payment of the fee.

#### *Examination fee*

Non-payment of the examination fee of an application will automatically result, at the end of 12 months from the date of acceptance<sup>1</sup>, in a refusal of the application. The consequences of refusal are the same as for applications deemed to be inactive (see 'inactive applications' below).

Consideration of a request for an extension of the period of provisional protection from the initial 12-month period may require the prior payment of the examination fee.

#### *Certificate fee*

Following the successful completion of the examination, including the public notice period, the applicant will be required and invoiced to pay the certification fee. Payment of the certification fee is a prerequisite to granting PBR and issuing the official certificate by the PBR office. Failure to pay the fee may result in a refusal to grant PBR.

#### *Annual fee*

Should an annual renewal fee not be paid within 30 days after the due date, the grant of PBR will be revoked under Section 50 of the PBR Act. To assist grantees, the PBR office will invoice grantees or their Australian agents for renewal fees.

#### *Inactive applications*

An application will be deemed inactive if, after 24 months of provisional protection (or 12 months in the case of non-payment of the examination fee) the PBR Office has not received a completed application or has not been advised to proceed with the examination or an extension of provisional protection has not been requested or not granted or a certificate fee has not been paid. Inactive applications will be examined and, should they not fully comply with Section 44 of the PBR Act 1994, they will be refused. As a result provisional protection will lapse, priority claims on that variety will be

<sup>1</sup> The time limit to pay examination fees on imported varieties can be deferred for a maximum of 12 months after the variety has been released from quarantine. Contact the PBR Office for further details.

lost and should the variety have been sold, it will be ineligible for plant breeders rights on reapplication. Continued use of labels or any other means to falsely imply that a variety is protected after the application has been refused is an offence under Section 75 of the Act.

<b>FEES</b>				
<b>Basic Fees</b>	<b>Schedule</b>			
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
	<b>\$</b>			
Application	300	300	400	300
Examination - per application	1400	1200	1400	800
Certificate	300	300	250	300
<b>Total Basic Fees</b>	<b>2000</b>	<b>1800</b>	<b>2050</b>	<b>1400</b>
Annual Renewal - all applications	300			
<b>Schedule</b>				
<b>A</b>	Single applications and applications based on an official overseas test reports.			
<b>B</b>	Applicable when two or more Part 2 Applications are lodged simultaneously and the varieties are of the same genus and the examinations can be completed at one location at the same time.			
<b>C</b>	Applications lodged under PVR (prior to 10 <sup>th</sup> Nov 1994)			
<b>D</b>	Applicable to 5 or more applications examined at an Accredited Centralised Testing Centre			
<b>Other Fees</b>				
Variation to application(s) - per hour or part thereof				75
Change of Assignment - per application				100
Copy of an application (Part1 and/or Part2) , an objection or a detailed description				50
Copy of an entry in the Register				50
Lodging an objection				100
Annual subscription to Plant Varieties Journal				40
Back issues of Plant Varieties Journal				14
Administration - Other work relevant to PBR - per hour or part thereof				75
Application for declaration of essential derivation				800
Application for (a) revocation of a PBR				500
(b) revocation of a declaration of essential derivation				500
Compulsory licence				500
Request under subsection 19(11) for exemption from public access - varieties with no direct use as a consumer				100



**APPENDIX 2****Plant Breeders Rights Advisory Committee (PBRAC)**

(Members of the PBRAC hold office in accordance with Section 85 of the *Plant Breeder's Rights Act 1994*.)

**Committee Members**

<p><b>Member Representing Plant Breeders</b></p> <p>Mr Christopher Prescott Prescott Roses Pty Ltd PO Box 507 BERWICK VIC 3806</p>	<p><b>Member Representing Plant Breeders</b></p> <p>Mr Denis McGrath Advise Pty Ltd PO Box 63 INVERLEIGH 3321</p>
<p><b>Member Representing Users</b></p> <p>Mr Kerrie Gleeson Australian Grain Technologies 23 Pinehurst Avenue  PO Box 26 DUBBO NSW 2830</p>	<p><b>Member Representing Consumers</b></p> <p>Ms Penny Hendy 483 Ross Road KATUNGA VIC 3640</p>
<p><b>Member Representing Conservation</b></p> <p>Professor Robert Henry Centre for Plant Conservation Genetics South Cross University  PO Box 157 LISMORE NSW 2480</p>	<p><b>Member Representing Indigenous Interests</b></p> <p>Mr John Collyer Worn Gundidj Aboriginal Cooperative PO Box 1134 Warrnambool VIC 3280</p>
<p><b>Member with Appropriate Qualifications</b></p> <p>Mr Benny Browne Griffith Hack 509 St Kilda Road MELBOURNE VIC 3004</p>	<p><b>Member with Appropriate Qualifications</b></p> <p>Professor Brad Sherman TC Beirne School of Law University of Queensland ST LUCIA QLD 4072</p>
<p><b>Chair (Delegate of the PBR Registrar)</b></p> <p>Mr Doug Waterhouse IP Australia PO Box 200 Woden ACT 2606</p>	

**APPENDIX 3 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'**

The following persons have been accredited by the PBR office based on information provided by these persons. From the information provided by the applicants, the PBR office believes that these people can fulfil the role of 'qualified person' in the application for plant breeder's rights. Neither accreditation nor publication of a name in the list of persons is an implicit recommendation of the person so listed. The PBR office cannot be held liable for damages that may arise from the omission or inclusion of a person's name in the list nor does it assume any responsibility for losses or damages arising from agreements entered into between applicants and any person in the list of accredited persons. Qualified persons charge a fee for services rendered.

**A guide to the use of the index of consultants:**

- locate in the left column of Table 1 the plant group for which you are applying;
- listed in the right column are the names of accredited qualified persons from which you can choose a consultant;
- in Table 2 find that consultant's name, telephone number and area in which they are willing to consult (they may consult outside the nominated area);
- using the "Nomination of Qualified Person" form as a guide, agree provisionally on the scope and terms of the consultancy; complete the form and attach it to Part 1 of the application form;
- when you are notified that your nomination of a consultant qualified person is acceptable in the letter of acceptance of your application for PBR you should again consult the qualified person when planning the rest of the application for PBR.

TABLE 1

PLANT GROUP/SPECIES/FAMILY	CONSULTANT'S NAME (TELEPHONE AND AREA IN TABLE 2)
Actinidia	Lye, Colin Paananen, Ian Richards, Graeme
Agapanthus	Paananen, Ian
Almonds	Granger, Andrew Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Buchanan, Peter Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce

Anigozanthos	Paananen, Ian Kirby, Greg Smith, Daniel
Anthurium	Paananen, Ian
Aroid	Harrison, Peter
Avocado	Lye, Colin Edwards, Arthur MacGregor, Alison Owen-Turner, John Parr, Wayne Swinburn, Garth Whiley, Tony
Azalea	Barrett, Mike Hempel, Maciej Paananen, Ian
Barley (Common)	Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James
Berry Fruit	Darmody, Liz Fleming, Graham Greer, Neil Scholefield, Peter Zorin, Margaret
Blackberry ( <i>Rubus</i> sp)	Paananen, Ian
Blandfordia	Treverrow, Florence
Blueberry	Paananen, Ian Scalzo, Jessica Zorin, Margaret
Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian

## Brassica

Bannan, Nathaniel  
 Chequer, Robert  
 Cooper, Kath  
 Downes, Ross  
 Easton, Andrew  
 Fennell, John  
 Gororo, Nelson  
 Johnston, Evan  
 Kadkol, Gururaj  
 Laker, Richard  
 Light, Kate  
 McMichael, Prue  
 O'Connell Peter  
 Rhodes, Phil  
 Rudolph, Paul  
 Sanders, Milton  
 Saunders, James  
 Scholefield, Peter  
 Mouwen, Heidi  
 Watson, Brigid  
 Zadow, Diane

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Brunia Dunstone, Bob

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Buddleia Robb, John  
 Paananen, Ian

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Buffalo Grass Paananen, Ian

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Calibrachoa Paananen, Ian

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Camellia Paananen, Ian  
 Robb, John

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Cannabis (low THC varieties only and subject to holding a  
 current licence from the appropriate authority) Bolton, Keith  
 Calabria, Patrick

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Carnation/Dianthus Paananen, Ian

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Cereals	Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Johnston, Evan Khan, Akram Mitchell, Leslie Moore, Stephen Oates, John Platz, Greg Porter, Richard Poulsen, David Rhodes, Phil Roake, Jeremy Rogers, Clinton Rose, John Saunders, James Scattini, Walter John Siedel, John Watson, Brigid Wilson, Frances
Cherry	Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Mackay, Alastair Mitchell, Leslie Pumpa, Lucy Scholefield, Peter
Chickpeas	Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James
Chrysanthemum	Paananen, Ian
Citrus	Calabria, Patrick Chalmers, Yasmin Michelle Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Scholefield, Peter Swinburn, Garth Sykes, Stephen Topp, Bruce
Clivia	Smith, Kenneth

Clover	Bannan, Nathaniel Downes, Ross James, Jennifer Johnston, Evan Lake, Andrew Miller, Jeff Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James Watson, Brigid
Cotton	Khan, Akram Leske, Richard
Cucurbits	Herrington, Mark McMichael, Prue O'Connell Peter Rhodes, Phil Scholefield, Peter Sykes, Stephen
Desmanthus	Brennan, Paul
Dianella	Paananen, Ian
Dogwood	Darmody, Liz Fleming, Graham
Echinacea	Paananen, Ian
Eucalyptus	Paananen, Ian
Euphorbia	Paananen, Ian
Feijoa	Parr, Wayne Scholefield, Peter
Fibre Crops	Gillespie, David Khan, Akram
Fig	Darmody, Liz Fleming, Graham Parr, Wayne
Flower Bulbs	Verdegaal, John
Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James

Forage Grasses	Bannan, Nathaniel Downes, Ross Fennell, John Harrison, Peter Johnston, Evan Kirby, Greg Mitchell, Leslie Rhodes, Phil Smith, Kevin Watson, Brigid
Forage Legumes	Downes, Ross Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Miller, Jeff Porter, Richard Rhodes, Phil Saunders, James Siedel, John
Fruit	Brown, Gordon Cramond, Gregory Darmody, Liz Delaporte, Kate Fleming, Graham Gillespie, David Granger, Andrew Kennedy, Peter Lenoir, Roland McCarthy, Alec Mitchell, Leslie Paananen, Ian Parr, Wayne Portman, Sian Pumpa, Lucy Schapel, Amanda Scholefield, Peter
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony

## Grape

Burne, Peter  
 Chalmers, Yasmin Michelle  
 Darmody, Liz  
 Delaporte, Kate  
 Farquhar, Wayne  
 Fleming, Graham  
 Lee, Slade  
 Lye, Colin  
 MacGregor, Alison  
 Mitchell, Leslie  
 Paananen, Ian  
 Parr, Wayne  
 Porter, Richard  
 Pumpa, Lucy  
 Schapel, Amanda  
 Scholefield, Peter  
 Smith, Daniel  
 Swinburn, Garth  
 Sykes, Stephen  
 Valentine, Bruce

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 Grevillea

Dunstone, Bob  
 Herrington, Mark  
 Paananen, Ian

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 Gypsophila

Paananen, Ian

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 Hardenbergia

Dunstone, Bob

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 Hops (*Humulus* sp)

Paananen, Ian

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 Hydrangea

Hanger, Brian  
 Paananen, Ian

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 Impatiens

Paananen, Ian

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 Jojoba

Dunstone, Bob

---

 Kalanchoe

Paananen, Ian

---

 Lavender

Paananen, Ian

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Legumes	Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Imrie, Bruce Kirby, Greg Khan, Akram Knights, Edmund Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John
Lentils	Collins, David Downes, Ross Goulden, David Khan, Akram Porter, Richard Rhodes, Phil Saunders, James
Lilium	Paananen, Ian
Liriope	Paananen, Ian
Lettuce	O'Connell, Peter
Lomandra	Paananen, Ian
Lucerne	Bannan, Nathaniel Downes, Ross Johnston, Evan Lake, Andrew Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James
Lupin	Collins, David Sanders, Milton Rhodes, Phil Saunders, James
Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian
Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony

Mushrooms, edible	Wong, Percy
Myrtaceae	Dunstone, Bob
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James
Oilseed crops	Downes, Ross Poulsen, David Siedel, John Rhodes, Phil Saunders, James
Olives	Bazzani, Mr Luigi Granger, Andrew
Onions	Bannan, Nathaniel Fennell, John Khan, Akram Laker, Richard McMichael, Prue O'Connell Peter Scholefield, Peter Rhodes, Phil

## Ornamentals - Exotic

Abell, Peter  
Armitage, Paul  
Angus, Tim  
Barth, Gail  
Collins, Ian  
Cunneen, Thomas  
Darmody, Liz  
Delaporte, Kate  
Eggleton, Steve  
Fisk, Anne Marie  
Fleming, Graham  
Guy, Gareme  
Harrison, Dion  
Harrison, Peter  
Hempel, Maciej  
Johnston, Margaret  
Khan, Akram  
Lamont, Greg  
Larkman, Clive  
Lenoir, Roland  
Lowe, Greg  
Lunghusen, Mark  
Marcsik, Doris  
McMichael, Prue  
Milne,Carolynn  
Mitchell, Hamish  
Mitchell, Leslie  
Oates, John  
O'Brien, Shaun  
Paananen, Ian  
Prescott, Chris  
Prince, John  
Robb, John  
Pumpa, Lucy  
Schapel, Amanda  
Scholefield, Peter  
Singh, Deo  
Smith, Ian  
Stewart, Angus  
Van der Staay,  
Rosemaree Anne  
Watkins, Phillip  
Watkinson, Andrew

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## Ornamentals - Indigenous

Abell, Peter  
 Allen, Paul  
 Angus, Tim  
 Barrett, Mike  
 Barth, Gail  
 Cunneen, Thomas  
 Delaporte, Kate  
 Downes, Ross  
 Eggleton, Steve  
 Granger, Andrew  
 Harrison, Dion  
 Harrison, Peter  
 Henry, Robert J  
 Hockings, David  
 Jack, Brian  
 Johnston, Margaret  
 Kirby, Greg  
 Khan, Akram  
 Lenoir, Roland  
 Lowe, Greg  
 Lunghusen, Mark  
 McMichael, Prue  
 Milne,Carolynn  
 Mitchell, Hamish  
 Molyneux, W M  
 Oates, John  
 O'Brien, Shaun  
 Paananen, Ian  
 Prince, John  
 Pumpa, Lucy  
 Schapel, Amanda  
 Scholefield, Peter  
 Singh, Deo  
 Slater, Tony  
 Smith, Ian  
 Tan, Beng  
 Watkins, Phillip

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 Ornithopus

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 Foster, Kevin  
 Nichols, Phillip

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 Osmanthus

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 Paananen, Ian  
 Robb, John

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 Osteospermum
 

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 Paananen, Ian
 

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Pastures & Turf	Anderson, Malcolm Avery, Angela Bannan, Nathaniel Cameron, Stephen Cook, Bruce Downes, Ross Harrison, Peter Kemp, Stuart Kirby, Greg James, Jennifer Loch, Don McMaugh, Peter Miller, Jeff Mitchell, Leslie Neylan, John Paananen, Ian Porter, Richard Rhodes, Phil Rogers, Clinton Rose, John Saunders, James Sewell, James Smith, Raymond Scattini, Walter John Smith, Kevin Wilkes, Gregory Wilson, Frances Zorin, Margaret
Peanut	Cruickshank, Alan George, Doug
Pear	Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Paananen, Ian Portman, Anthony Richards, Susanna Scholefield, Peter Tancred, Stephen Valentine, Bruce
Pelargonium	Paananen, Ian
Persimmon	Parr, Wayne Swinburn, Garth
Petunia	Paananen, Ian
Philodendron	Paananen, Ian
Philotheca	Dunstone, Bob
Phormium	Paananen, Ian

Photinia	Robb, John
Pistacia	Richardson, Clive Sykes, Stephen
Pisum	Downes, Ross Goulden, David McMichael, Prue Rhodes, Phil Sanders, Milton Saunders, James
Potatoes	Delaporte, Kate Fennell, John Friemond, Terry Guertsen, Paul Hill, Jim Johnston, Evan McMichael, Prue O'Connell Peter Pumpa, Lucy Rhodes, Phil Saunders, James Schapel, Amanda Scholefield, Peter Slater, Tony Wilson, Graeme
Proteaceae	Barth, Gail Kirby, Neil Paananen, Ian Robb, John Scholefield, Peter
Prunus	Buchanan, Peter Calabria, Patrick Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Granger, Andrew Kennedy, Peter Mackay, Alastair Malone, Michael Portman, Anthony Richards, Graeme Richards, Susanna Topp, Bruce Wilkes, Gregory Witherspoon, Jennifer
Pulse Crops	Collins, David Downes, Ross Graetz, Darren Oates, John Porter, Richard Poulsen, David Rhodes, Phil Saunders, James

Raspberry	Darmody, Liz Fleming, Graham Herrington, Mark Scholefield, Peter Zorin, Margaret
Rhododendron	Barrett, Mike Paananen, Ian
Rose	Barrett, Mike Darmody, Liz Delaporte, Kate Fleming, Graham Hanger, Brian Lee, Peter McKirdy, Simon Paananen, Ian Prescott, Chris Pumpa, Lucy Schapel, Amanda Scholefield, Peter Swane, Geoff Syrus, A Kim
Scaevola	Paananen, Ian
Sesame	Bennett, Malcolm Harrison, Peter Imrie, Bruce
Sorghum	Khan, Akram
Soybean	Harrison, Peter James, Andrew
Spathiphyllum	Paananen, Ian
Spices and Medicinal Plants	Hoxha, Adriana Khan, Akram
Stone Fruit	Barrett, Mike Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter MacGregor, Alison Mackay, Alistair Malone, Michael Scholefield, Peter Swinburn, Garth Valentine, Bruce

Strawberry	Herrington, Mark Mitchell, Leslie Morrison, Bruce Scholefield, Peter Zorin, Margaret
Sugarcane	Cox, Mike Piperidis, George
Sunflower	George, Doug
Tomato	Herrington, Mark Khan, Akram Laker, Richard McMichael, Prue O'Connell Peter Rhodes, Phil Scholefield, Peter
Tree Crops	McRae, Tony
	Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Fittler, Michael Harrison, Peter Kulkarni, Vinod Parr, Wayne Scholefield, Peter Whiley, Tony
Umbrella Tree	Paananen, Ian
Vegetables	Bannan, Nathaniel Delaporte, Kate Fennell, John Frkovic, Edward Gillespie, David Harrison, Peter Hoxha, Adriana Khan, Akram Laker, Richard Lenoir, Roland MacGregor, Alison McMichael, Prue Oates, John O'Connor, Lauren Pearson, Craig Pumpa, Lucy Rhodes, Phil Schapel, Amanda Scholefield, Peter Westra Van Holthe, Jan
Verbena	Paananen, Ian



Walnut	Mitchell, Leslie
Wheat (Aestivum & Durum Groups)	Brennan, Paul Collins, David Downes, Ross Fittler, Michael Hoxha, Adriana Kadkol, Gururaj Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James Sanders, Milton
Zantedeschia	Paananen, Ian

TABLE 2

<b>NAME</b>	<b>TELEPHONE</b>	<b>AREA OF OPERATION</b>
Abell, Peter	0438 392 837 mobile	Australia
Aberdeen, Ian	03 5782 1029 03 5782 2073 fax	SE Australia
Allen, Paul	07 3824 0263 ph/fax	SE QLD, Northern NSW
Anderson, Malcolm	03 5573 0900 03 5571 1523 fax 017 870 252 mobile	Victoria
Angus, Tim	(64 4) 568 3878 ph/fax 001164211871076 mobile plantatim@zip.co.nz	Australia and New Zealand
Armitage, Paul	03 9756 7233 03 9756 6948 fax	Victoria
Avery, Angela	02 6030 4500 02 6030 4600 fax	South Eastern Australia
Bannan, Nathaniel	03 8318 9019 03 8318 9002 fax	Australia
Barrett, Mike	0429 720 013 mobile 02 9875 3087 02 9980 1662 fax 0407 062 494 mobile	NSW/ACT
Barth, Gail	08 8389 7479	SA and Victoria
Bazzani, Luigi	08 9772 1207 08 9772 1333 fax	Western Australia
Bennett, Malcolm	08 8973 9733 08 8973 9777 fax	NT, QLD, NSW, WA
Bolton, Keith	02 6621 5123 0428 888 123 mobile	Australia
Brennan, Paul	02 6688 0245 0407 662 242 mobile	Australia
Brown, Gordon	03 6239 6411 03 6239 6711 fax	Tasmania
Buchanan, Peter	07 4615 2182 07 4615 2183 fax	Eastern Australia
Burne, Peter	08 8582 0338 ph 08 8583 2104 fax 0418 834 102 mobile	South Australia
Calabria, Patrick	02 6963 6360 0438 636 219 mobile	Riverina area of NSW
Chalmers, Yasmin Michelle	03 5023 4644 03 5023 5814 0428 234 231 mobile	Murray Valley Region – from Swan Hill (VIC) to Waikerie (SA)
Chequer, Robert	03 5382 1269 0419 145 262 mobile	Victoria
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheatbelt of Western Australia
Cooper, Kath	08 8339 3049 0429 191 848 mobile	South Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia
Cruickshank, Alan	07 4160 0722 07 4162 3238 fax	QLD

Cunneen, Thomas	02 4889 8647 02 4889 8657 fax	Sydney Region
Darmody, Liz	03 9756 6105 03 9752 0005 fax	Australia
Delaporte, Kate	08 8373 2488 08 8373 2442 fax 0427 394 240 mobile	South Australia
Downes, Ross	02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile	ACT, South East Australia
Dunstone, Bob Easton, Andrew	02 6281 1754 ph/fax 07 4690 2666 07 4630 1063 fax	South East NSW 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
Engel, Richard	08 9397 5941 08 9397 5941 fax	WA
Fennell, John	08 8369 8840 08 8389 8899 fax 0401 121 891 mobile	Australia
Farquhar, Wayne	08 85657000 08 85657011 fax	South 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
Foster, Kevin	08 9368 3804 08 9474 2840 fax	Mediterranean areas of Australia
Frkovic, Edward	02 6962 7333 02 6964 1311 fax	Australia
George, Doug	07 5460 1308 07 5460 1112 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
Graetz, Darren	08 8303 9362 08 8303 9424 fax	South Australia
Granger, Andrew	08 8389 8809 08 8389 8899 fax	South Australia
Greer, Neil	07 5441 1118 07 5476 0098 fax 0418 881 755 mobile	Australia
Guertsen, Paul	02 6845 3789 02 6845 3382 fax 0407 658 105 mobile	NSW, VIC, SE QLD
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	south east QLD and northern NSW
Harrison, Peter	07 5460 1283 fax 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
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
Hoxha, Adriana	02 9351 8813 0427 507 621 mobile/fax	NSW
Imrie, Bruce	02 4474 0951 02 4474 0952 imriesc@sci.net.au	SE Australia
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
Johnston, Evan	64 3358 1745 0214 417 13 mobile	Canterbury, New Zealand
Johnston, Margaret	07 5460 1240 07 5460 1455 fax	SE Queensland
Kadkol, Gururaj	03 5382 1269 03 5381 1210 fax	North Western Victoria
Kemp, Stuart	03 8390 8150 0437 278 873 mobile	SE Australia
Kennedy, Peter	02 6382 7600 02 6382 2228 fax	New South Wales
Khan, Akram	02 9351 8821 02 9351 8875 fax	New South Wales
Kirby, Greg	08 8201 2176 08 8201 3015 fax	South Australia
Kirby, Neil	02 4754 2637 02 4754 2640 fax	New South Wales
Knights, Edmund	02 6763 1100 02 6763 1222 fax	North Western NSW
Kulkarni, Vinod	08 8945 2942 0412 681 800 mobile	Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Laker, Richard	08 87258987 08 8723 0142 fax 0417 855 592 mobile	Australia
Lamont, Greg	02 8778 5388 02 9734 9866 fax	Sydney region
Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia

Larkman, Clive	03 9735 3831 03 9739 6370 larkman@tpgi.com.au	Victoria
Lee, Peter	03 6330 1147 03 6330 1927 fax	SE Australia
Lee, Slade	02 6620 3410 02 6622 2080 fax	Queensland/Northern New South Wales
Lenoir, Roland	02 6231 9063 ph/fax	Australia
Leske, Richard	07 4671 3136 07 4671 3113 fax	Cotton growing regions of QLD & NSW
Light, Kate	03 5362 2175 0419 145 768 mobile	Victoria
Loch, Don	07 3286 1488 07 3286 3094 fax	Queensland
Lowe, Greg	02 4389 8750 02 4389 4958 fax 0411 327390 mobile	Sydney, Central Coast NSW
Lunghusen, Mark	03 5998 2083 03 5998 2089 fax 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
McMaugh, Peter	02 9872 7833 02 9872 7855 fax	Australia
Malone, Michael	+64 6 877 8196 +64 6 877 4761 fax	New Zealand
Marsik, Doris	08 8999 2017 08 8999 2049	Northern Territory and Queensland
McCarthy, Alec	08 9780 6273 08 9780 6136 fax	South West WA
McKirdy, Simon	042 163 8229 mobile	Australia
McMichael, Prue	08 8373 2488 08 8373 2442 fax	SE Australia
McRae, Tony	08 8723 0688 08 8723 0660 fax	Australia
Miller, Jeff	64 6 356 8019 extn 8027 64 3 351 8142 fax	Manawatu region, New Zealand
Milne,Carolynn	07 3206 3509	QLD
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
Morrison, Bruce	03 9210 9251 03 9800 3521 fax	East of Melbourne
Mouwen, Heidi	07 4690 2666 07 4630 1063	QLD, NSW
Neylan, John	03 9886 6200 0413 620 256 mobile	VIC, NSW, SA
Nichols, Phillip	08 9387 7442 08 9383 9907 fax	Western Australia

Oates, John	02 4473 8465	Sydney region, 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
O'Connor, Lauren	07 3359 3113 0418 510 480 mobile	Australia
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
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Platz, Greg	07 4639 8817 07 4639 8800 fax	QLD, Northern NSW
Porter, Richard	08 8431 5396 08 8431 5396 fax 0413 270 670 mobile	Adelaide region, South Australia
Portman, Anthony	08 9274 5355 08 9250 1859 fax	South-west Western Australia
Portman, Sian	08 9725 0660 0421 606 651 mobile	Western Australia
Poulsen, David	07 4661 2944 07 4661 5257 fax	SE QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Pumpa, Lucy	08 8373 2488 08 8373 2422 fax 0400 041 881 mobile	South Australia
Quinn, Patrick	03 5427 0485	SE Australia
Richards, Graeme	02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	Australia
Richards, Susanna	03 5833 5235 03 5833 5299 fax 0429 674 606 mobile	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
Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
Rogers, Clinton	03 8318 9016 03 8318 9001 fax 0448 160 660 mobile	Australia
Rose, John	07 4661 2944 07 4661 5257 fax	SE Queensland

Rudolph, Paul	03 5381 2168 03 5381 1210 fax 0438 083 840 mobile	Victoria
Saunders, James	03 8318 9016 03 8318 9002 fax 0408 037 801 mobile	Australia
Sanders, Milton	08 9825 8087 08 9387 4388 fax 0427 031 951 mobile	Southern Australia: WA, Vic, NSW, SA
Sewell, James	03 5334 7871 0403 546 811 mobile	Southern Australia
Scalzo, Jessica	+64 6975 8908 2122 689 08 mobile	New Zealand and Australia
Scattini, Walter	07 3356 0863 ph/fax	Tropical and sub-tropical Australia
Schapel, Amanda	08 8373 2488 0408 344 843 mobile	South Australia
Scholefield, Peter	08 8373 2488 08 8373 2442 fax 018 082022 mobile	SE Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane
Slater, Tony	03 9210 9222 03 9800 3521 fax 0408 656 021 mobile	SE Australia
Smith, Kenneth	02 4570 9069	Australia
Smith, Kevin	03 5573 0900 03 5571 1523 fax	SE Australia
Smith, Mike	07 5444 9630	SE Queensland
Smith, Stuart	03 6336 5234 03 6334 4961 fax	SE Australia
Smith, Ian	03 9720 1751 0407 201 789	Australia
Stewart, Angus	02 4385 9788ph/fax 0419 632 123 mobile	Sydney, Gosford
Swane, Geoff	02 6889 1545 02 6889 2533 fax 0419 841580 mobile	Central western NSW
Swinburn, Garth	03 5023 4644 03 5023 5814 fax	Murray Valley Region - from Swan Hill (Vic) to Waikere (SA)
Sykes, Stephen	03 5051 3100 03 5051 3111 fax	Victoria
Syrus, A Kim	03 8556 2555 03 8556 2955 fax	Adelaide
Tan, Beng	08 9266 7168 08 9266 2495	Perth & environs
Tancred, Stephen	07 4681 2931 07 4681 4274 fax 0157 62888 mobile	QLD, NSW
Treverrow, Florence	02 6629 3359	Australia
Topp, Bruce	07 4681 1255 07 4681 1769 fax	SE QLD, Northern NSW
Valentine, Bruce	02 6361 3919 02 6361 3573 fax	New South Wales
Van der Staay, Rosemaree Anne	03 6248 6863 03 6248 7402 fax	Tasmania
Verdegaal, John	03 6458 3581 03 6458 3581 fax	Australia and New Zealand

Watkins, Phillip	08 9537 1811 08 9537 3589 fax 0416 191 472 mobile	Perth Region
Watkinson, Andrew	07 5445 6654 0409 065 266 mobile	Northern NSW and Southern QLD
Watson, Brigid	03 5688 1058 0429 702 277 mobile	Victoria
Westra Van Holthe, Jan	03 9706 3033 03 9706 3182 fax	Australia
Whiley, Tony	07 5441 5441	QLD
Wilkes, Gregory	02 4570 1358 02 4570 1314 fax 0418 642 359 mobile	Sydney region
Wilson, Frances	64 3 318 8514 64 3 318 8549 fax	Canterbury, New Zealand
Wilson, Graeme	03 5957 1200 03 5957 1210 fax	SE Australia
Wong, Percy	02 9036 7767	Australia
Zadow, Diane	03 5382 1269 03 5381 1210 fax 0419 145 763 mobile	Victoria
Zorin, Margaret	07 3207 4306 0418 984 555	Eastern Australia



#### Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name
Aquilizan, Flaviano
Armour, David
Baelde, Arie
Baker, Grant
Bally, Ian
Bell, David
Birchall, Craig
Bennett, Kathryn
Bennett, Nick
Bernuetz, Andrew
Berryman, Pam
Box, Amanda Jane
Brennan, Paul
Brewer, Lester
Brindley, Tony
Bunker, John
Bunker, Kerry
Burton, Wayne
Buselich, David
Cameron, Nick
Cecil, Andrew
Chesher, Wayne
Clayton-Greene, Kevin
Constable, Greg
Cook, Esther
Corcoran, Lisa
Coventry, Stewart
Craig, Andrew
Craigie, Gail
Crowhurst, Alan
Culvenor, Richard
De Betue, Remco
de Koning, Carolyn
Done, Anthony
Donnelly, Peter
Downe, Graeme
Eastwood, Russell
Eglinton, Jason
Elliott, Philip
Evans, Pedro
Eykamp, Donald
Eyles, Gary
Fitzgibbon, John
Flett, Peter
Geary, Judith
Gibbons, Philip
Gillies, Leanne
Glover, Russell
Guerciullo, Gaetano
Haire, Chris

Hawkey, David  
Hollamby, Gil  
Hoppo, Suzanne  
Howie, Jake  
Hurst, Andrea  
Irwin, John  
Janhsen, Joanne  
Johnson, Peter  
Jiranek, Vladimir  
Jupp, Noel  
Kaehne, Ian  
Kaiser, Stefan  
Katelaris, Andrew  
Katz, Mark  
Kebblewhite, Tony  
Kempff, Stefan  
Kennedy, Chris  
Kobelt, Eric  
Lacey, Kevin  
Lawson, Marion  
Leddin, Anthony  
Lee, Kathryn  
Leeks, Conrad  
Leighton, A  
Leonforte, Antonio  
Lewis, Hartley  
Loi, Angelo  
Lonergan, Paul  
Lowe, Russell  
Lockett, David  
Mack, Ian  
Mackie, Julie  
Mansfield, Daniel  
Mason, Lloyd  
Matic, Rade  
Matthews, Michael  
McCabe, Dominic  
McCallum, Lesley  
McCredden, John  
McDonald, David  
Menzies, Kim  
Miller, Kylie  
Mitchell, Steven  
Moss, Ian  
Mullins, Kathleen  
Mungall, Neil  
Myors, Philip  
Nathan, Dutschke  
Neilson, Peter  
Newman, Allen  
Noone, Brian  
Norriss, Michael  
O'Brien, Tim  
O'Sullivan, Robert  
Palmer, Ross

Paull, Jeff  
Pearce, Bob  
Peoples, Alan  
Porter, Gavin  
Potter, Trent  
Pressler, Craig  
Reeve, Christopher  
Reid, Peter  
Reinke, Russell  
Roche, Matthew  
Rose, Ian  
Russell, Dougal  
Sadeque, Abdus  
Sanders, Milton  
Sanewski, Garth  
Schilg, Karl  
Schreuders, Harry  
Scott, Ralph  
Senior, Michael  
Smith, Chris  
Smith, Malcolm  
Smith, Raymond  
Smith, Susan  
Snelling, Cath  
Snowball, Richard  
Song, Leonard  
Sounness, Janine  
Stiller, Warwick  
Stuart, Peter  
Sturgess, Eric Percy  
Sutton, John  
Taylor, Kerry  
Todd, Peter  
Trigg, Pamela  
Trimboli, Daniel  
Urwin, Nigel  
Vater, Daniel  
Vaughan, Peter  
Venkatanagappa, Shoba  
Venn, Neil  
Verdegaal, John  
Warner, Bradley  
Warren, Andrew  
Weatherly, Lilia  
Weber, Ryan  
Wei, Xianming  
Williams, Joanne  
Williams, Rex  
Williams, Shannon  
Wilke, John  
Wilson, Rob  
Wilson, Stephen  
Winter, Bruce  
Wirthensohn, Michelle  
Yan, Guijun

Zeppa, Aldo

## **APPENDIX 5**

### **ADDRESSES OF UPOV AND MEMBER STATES**

#### **International Union for the Protection of New Varieties of Plants (UPOV):**

International Union for the Protection of New Varieties of Plants (UPOV)  
34, Chemin des Colombettes  
CH-1211  
Geneva 20  
SWITZERLAND

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

Web site: <http://www.upov.int>

**List of Addresses of Plant Variety Protection Offices in UPOV Member States**

**Status of Ratification in UPOV member States is available from UPOV website.**

## APPENDIX 6

### CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$800. This is a saving of nearly 40% over the normal fee of \$1400.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

### APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

#### Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met:

##### Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

##### Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

analysed data. These staff will require the authority to ensure timely maintenance of the trial. Where provided by the PBR office, the protocol and technical guidelines for the conduct of the trial must be followed.

### Substantial industry support

Normally the establishment will be recognised by a state or national industry society or association. This may include/be replaced by a written commitment from major nurseries or other applicants, who have a history of regularly making applications for PBR in Australia, to use the facility.

### Capability for long-term storage of genetic material

Depending upon the genus, a CTC must be in a position to make a long-term commitment to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as a national genetic resource centre in perpetuity will be favoured.

### Contract testing for 3rd Parties

Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

### Relationship between CTC and 3rd Parties

A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

### One trial at a time

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

### One CTC per genus

Normally only one CTC will be authorised to test a genus. Special circumstances may exist (environmental factors, quarantine etc) to allow more than one CTC per genus, though a special case will need to be made to the PBR office. More than one CTC maybe allowed for roses.

One CTC may be authorised to test more than one genus.  
Authorisations for each genus will be reviewed periodically.

### Authorised Centralised Test Centres (CTCs)

Following publication of applications for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs. Any special conditions are also listed.

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture laboratory	R Kirkham	31/3/97
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/6/97
Ag-Seed Research	Horsham and other sites	Canola	Field, glasshouse, shadehouse, laboratory and biochemical analyses	P Rudolph	30/6/97
Agriculture Western Australia	Northam WA	Wheat	Field, laboratory	D Collins	30/6/97
University of Sydney, Plant Breeding Institute	Camden, NSW	<i>Argyranthemum</i> , <i>Diascia</i> , <i>Mandevilla</i>	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms,	J Oates	30/6/97

			tissue culture, molecular genetics and cytology lab.		
Boulters Nurseries Monbulk Pty Ltd	Monbulk, VIC	Clematis	Outdoor, shadehouse, greenhouse	M Lunghusen	30/9/97
Geranium Cottage Nursery	Galston, NSW	Pelargonium	Field, controlled environment house	I Paananen	30/11/97
Agriculture Victoria	Hamilton, VIC	<i>Perennial ryegrass, tall fescue, tall wheat grass, white clover, Persian clover</i>	Field, shadehouse, glasshouse, growth chambers. Irrigation. Pathology and tissue culture. Access to DNA and molecular marker technology. Cold storage.	M Anderson	30/6/98
Koala Blooms	Monbulk, VIC	<i>Bracteantha</i>	Outdoor, irrigation	M Lunghusen	30/6/98
Redlands Nursery	Redland Bay, QLD	<i>Aglaonema</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	30/6/98
Protected Plant Promotions	Macquarie Fields, NSW	New Guinea Impatiens including <i>Impatiens hawkeri</i> and its hybrids	Glasshouse	I Paananen	30/9/98
University of Queensland, Gatton College	Lawes, QLD	Some tropical pastures	Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage	To be advised	30/9/98
Jan and Peter Iredell	Moggill, QLD	Bougainvillea	Outdoor, shadehouse	J Iredell	30/9/98
Protected Plant Promotions	Macquarie Fields, NSW	<i>Verbena</i>	Glasshouse	I Paananen	31/12/98
Avondale Nurseries Ltd	Glenorie, NSW	<i>Agapanthus</i>	Greenhouse, tissue culture with commercial partnership	I Paananen	31/12/98
Paradise Plants	Kulnura, NSW	<i>Camellia, Lavandula, Osmanthus, Ceratopetalum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/98
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment greenhouses	C Prescott	31/12/98
F & I Baguley Flower and Plant Growers	Clayton South, VIC	<i>Euphorbia</i>	Controlled glasshouses, quarantine facilities, tissue culture	G Guy	31/3/99
Paradise Plants	Kulnura, NSW	<i>Limonium, Raphiolepis, Eriostemon, Lonicera Jasminum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	30/6/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Angelonia</i>	Glasshouse	I Paananen	30/6/00
Carol's Propagation	Alexandra Hills, QLD	<i>Cuphea, Anthurium</i>	Field beds, wide range of comparative varieties	C Milne D Singh	30/6/00
Queensland Department of Primary Industries, Redlands Research Station	Cleveland, QLD	<i>Cynodon, Zoysia</i> and other selected warm season-season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	M Roche	30/9/00



Luff Partnership	Kulnura, NSW	<i>Bracteantha</i>	Field beds, irrigation, shade house, propagation house, cool rooms,	I Dawson	31/12/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Petunia, Calibrachoa</i>	Glasshouse	I Paananen J Oates	31/12/00
NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood,	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt N Derera T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
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,	K Mullins	31/12/04

			quarantine facilities		
Buchanan's Nursery	Hodgsonvale, QLD	<i>Prunus</i>	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/04
Ball Australia	Keysborough, VIC	<i>Calibrachoa, Osteospermum</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including biotech, propagation, outdoor facilities	I Bally	30/09/05
Blueberry Farms of Australia	Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania	<i>Vaccinium</i>	Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories.	I Paananen	15/10/07
Ball Australia	Keysborough, VIC	<i>Kalanchoe</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	3/6/2008

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Yates Botanical Pty Ltd	Somersby and Tuggerah, NSW	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen
Aussie Winners Pty Ltd	Redland Bay, QLD	<i>Fuchsia</i>	Comprehensive growing facilities	I Paananen
Schreurs Australia Pty Ltd	Leppington, NSW	<i>Rosa</i>	Comprehensive growing facilities	I Paananen

Comments (both for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

The Registrar  
Plant Breeder's Rights Office  
IP Australia  
PO Box 200  
Woden, ACT 2606  
Fax (02) 6283 7999

Closing date for comment: 30 September 2010.

## APPENDIX 7

## List of Classes for Variety Denomination Purposes

UPOV Variety Denomination Classes: (UPOV/INF/12/1: ANNEX I)

A Variety Denomination Should not be Used More than Once in the Same Class

For the purposes of providing guidance on the third and fourth sentences of paragraph 2 of Article 20 of the 1991 Act and of Article 13 of the 1978 Act and the 1961 Convention, variety denomination classes have been developed. A variety denomination should not be used more than once in the same class. The classes have been developed such that the botanical taxa within the same class are considered to be closely related and/or liable to mislead or to cause confusion concerning the identity of the variety.

The variety denomination classes are as follows:

(a) General Rule (one genus / one class): for genera and species not covered by the List of Classes in this Annex, a genus is considered to be a class;

(b) Exceptions to the General Rule (list of classes):

(i) classes within a genus: List of classes in this Annex: Part I;

(ii) classes encompassing more than one genus: List of classes in this Annex:

Part II.

## LIST OF CLASSES

Part I*Classes within a genus*

	<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 Ajanía	CHRYS; AJANI
Class 208	(Statice) Goniolimon, Limonium, Psylliostachys	GONIO; LIMON; PSYLL_
Class 209	(Waxflower) Chamelaucium, Verticordia	CHMLC; VERTI; VECHM
Class 210	Jamesbrittania and Sutura	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) Karten Mycoleptonoides 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 HYPSI_MAR HYPSI_ULM LENTI_ELO LEPIS_NUD LEPIS_SOR LYOPH_DEC LYOPH_SHI MERIP_GIG MYCOL_AIT NAEMA_SUB PANEL_SER PHLIO_ADI PHLIO_NAM PLEUR_COR PLEUR_CYS PLEUR_CYS_ABA PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY POLYO_TUB SPARA_CRI MACRO_GIG

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\* Classes 203 and 204 are not solely established on the basis of closely related species.

**APPENDIX 8****REGISTER OF PLANT VARIETIES**

Register of Plant Varieties contains the legal description of the varieties granted Plant Breeder's Rights. A person may inspect the Register at any reasonable time. Following are the contact details for Registers (1988-2000) kept in each state and territories\*

**South Australia**

Ms Lisa Halskov  
AQIS  
8 Butler Street  
PORT ADELAIDE SA 5000  
Phone 08 8305 9706

**New South Wales**

Mr. Alex Jabs  
General Services  
AQIS  
2 Hayes Road  
ROSEBERY NSW 2018  
Phone 02 9364 7293

**Victoria and Tasmania**

Mr. Colin Hall  
AQIS  
Building D, 2nd Floor  
World Trade Centre  
Flinders Street  
MELBOURNE VIC 3005  
Phone 03 9246 6810

**Queensland**

Mr. Ian Haseler  
AQIS  
2nd Floor  
433 Boundary Street  
SPRING HILL QLD 4000  
Phone 07 3246 8755

**Australian Capital Territory, Northern Territory and Western Australia**

ACT and NT Registers are kept  
in the Library of PBR Office in Canberra  
Phone (02) 6283 2999

\* In accordance with an amendment to section 61 of Plant Breeder's Rights Act, from 2002 the Register of Plant Varieties will be available from the Library of PBR Office in Canberra. The Register is also electronically available from the PBR website at <http://pbr.ipaustralia.plantbreeders.gov.au/>



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