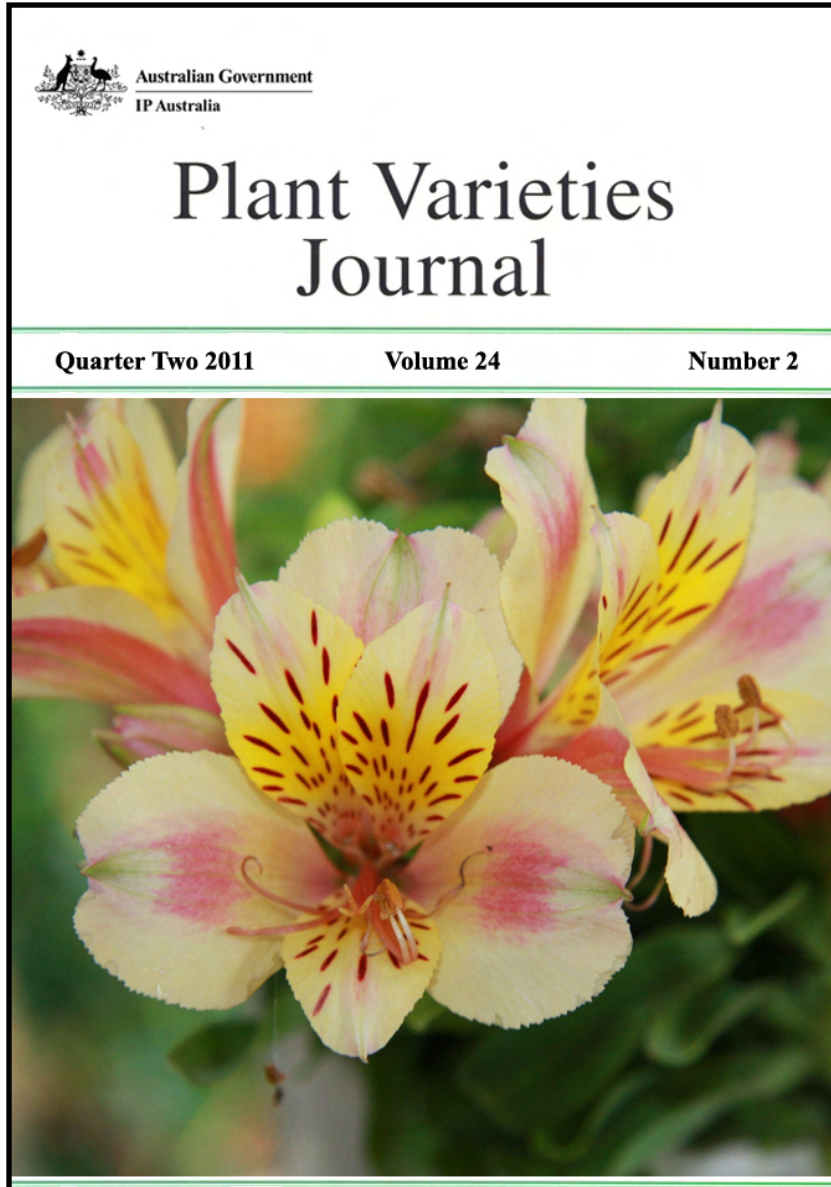




Australian Government
IP Australia

Plant Varieties Journal - Optimised for Screen Viewing



Plant Varieties Journal

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

Quarter Two 2011

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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. 24 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/) for the Qualified Persons (QPs).

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

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

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

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

Objections and revocations

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

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

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

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

Objections to Applications

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

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

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

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

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

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

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

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

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

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

Report on Breeding Issues

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

Use of Overseas Data

Overseas Testing/Data

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

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

Taxa that must be trailed in Australia

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

Solanum tuberosum Potato

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

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

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

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

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

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

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

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

PBR Infringement

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

On-line Database for PBR Varieties

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

Cumulative Index to Plant Varieties Journal

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

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

Applying for Plant Breeder's Rights

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

Steps in Applying for Plant Breeder's Rights

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

Requirement to Supply Comparative Varieties

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

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

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

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

UPOV Developments

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

The members of UPOV are (as of August 8 2011):

Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, European Community, Estonia, Finland, France, Georgia, Germany, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Oman, Panama, Paraguay, Peru, Poland, Portugal, Republic of Korea, Republic of Macedonia, Republic of Moldova, Romania, Russian Federation, 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 70).

Republic of Macedonia became the 69th member of the union on May 4, 2011.

Peru will become the 70th member of the union on August 8, 2011.

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/) 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) for further information.

Official Notice**Intellectual Property Legislation Amendment Regulations 2011 (No. 1)**

On 12 May 2011, the Federal Executive Council made the [Intellectual Property Legislation Amendment Regulations 2011 \(No. 1\)](#) ('the Regulations'). The Regulations have been registered in the Federal Register of Legislative Instruments and can be viewed on the ComLaw website (www.comlaw.gov.au).

With effect from **1 July 2011**, the Regulations amend the *Patents Regulations 1991*, the *Trade Marks Regulations 1995*, the *Designs Regulations 2004*, the *Plant Breeder's Rights Regulations 1994*, and the *Olympic Insignia Protection Regulations 1993* to:

- extend the range of senior Commonwealth employees who can declare days when the Patent Office, the Trade Marks Office, the Designs Office and the Plant Breeder's Rights (PBR) Office, and their respective sub-offices are taken not to be open for business
- clarify that an application to the Federal Court for a compulsory license of an invention is subject to the Federal Court Rules for service—rather than the provisions in the Patents Regulations
- more closely align the formality requirements for documents relating to patent applications—set out in Schedule 3 to the Patents Regulations—with those in Rule 11 of the Regulations under the Patent Cooperation Treaty (PCT Rules). This will require type-written patents documents to have **1½-line spacing**
- ensure that a person required to pay a fee for grant of leave to amend a complete specification, has *two* months to pay that fee following the notice of the grant of leave being published in the *Official Journal of Patents*
- update the English text of the PCT Rules set out in Schedule 2A to the Patents Regulations to reflect changes to the PCT Rules made in September 2010—commencing on 1 July 2011
- allow Australian postal addresses to be an addresses for service for all of the rights that IP Australia administers. For example, this will allow a post-office box address to be an address for service of patents documents
- correct some incorrect references in the Patents Regulations and the Trade Marks Regulations
- make detailed provision for addresses for service of documents on a range of persons engaging in proceedings under Part 17A of the Trade Marks Regulations. These proceedings relate to the extension of protection to international registrations designating Australia, or to the ceasing of the protection extended to protected international trade marks. The new provisions particularly addresses the case of a holder of an international registration who lacks an address for service in Australia.
- delete some unnecessary provisions in Part 17A of the Trade Marks Regulations—particularly paragraph 17A.25 (1) (b), which exceeds the requirements of the Madrid Protocol and Common Regulations.

Further details are set out in the [Explanatory Statement to the Regulations](#).

Queries: Terry Moore
Director, Domestic Policy Section

+61 2 6283 2632

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

Official Notice**Declaration of the days in 2011 when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office and their sub-offices are taken not to be open for business**

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

On 8 November 2010, IP Australia's Director General declared under the close-down provisions the days when the Patent, the PBR, Trade Marks and Designs Offices and their sub-offices would not be open for business for the period from period 2 January 2011 to 2 January 2012.

The Canberra offices and the State offices will not be open for business on the following days in the period **2 January 2011 to 2 January 2012**.

All the Canberra offices and the Sub-offices:

All Saturdays and Sundays in the period

Monday 3 January 2011

New Year's Day

Wednesday, 26 January 2011

Australia Day

Friday, 22 April 2011

Good Friday

Monday, 25 April 2011

Anzac Day / Easter Monday

Tuesday, 26 April 2011

Additional Public Holiday

Monday 26 December 2011 to Monday 2 January 2012

Christmas Close Down

The Canberra offices

Monday 14 March 2011

Canberra Day

Monday 13 June 2011

Queen's Birthday Holiday

Monday 3 October 2011

Labour Day

Monday 10 October 2011

Family & Community Day

The New South Wales sub-office

Monday 13 June 2011

Queen's Birthday Holiday

Monday 3 October 2011

Labour Day

The Queensland sub-office

| | |
|--------------------------|---------------------------|
| Monday 2 May 2011 | Labour Day |
| Monday 13 June 2011 | Queen's Birthday Holiday |
| Wednesday 17 August 2011 | Royal Queensland Show Day |

The South Australian sub-office

| | |
|-----------------------|--------------------------|
| Monday 14 March 2011 | Adelaide Cup Day |
| Monday 13 June 2011 | Queen's Birthday Holiday |
| Monday 3 October 2011 | Labour Day |

The Tasmanian sub-office

| | |
|--------------------------|--------------------------|
| Monday 14 February 2009 | Royal Hobart Regatta Day |
| Monday 14 March 2010 | Eight Hours Day |
| Monday 13 June 2010 | Queen's Birthday Holiday |
| Thursday 20 October 2010 | Hobart Show Day |

The Victorian sub-office

| | |
|-------------------------|--------------------------|
| Monday 14 March 2011 | Labour Day |
| Monday 13 June 2011 | Queen's Birthday Holiday |
| Tuesday 1 November 2011 | Melbourne Cup Day |

The Western Australian sub-office

| | |
|-----------------------|--------------------------|
| Monday 7 March 2011 | Labour Day |
| Monday 6 June 2011 | Foundation Day |
| Monday 3 October 2011 | Queen's Birthday Holiday |

The Northern Territory sub-office

| | |
|----------------------|-------------------------|
| Monday 2 May 2011 | May Day |
| Monday 13 June 2011 | Queens Birthday Holiday |
| Friday 22 July 2011 | Darwin Show Day |
| Monday 1 August 2011 | Picnic Day |

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

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



Australian Government
IP Australia

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 24 Issue 2) are listed below:

- [Home](#)
- [Acceptances](#)
- [Variety Descriptions](#)
- [Grants](#)
- [Denomination Changed](#)
- [Synonym Added](#)
- [Applications Withdrawn](#)
- [Grants Surrendered](#)
- [Grants Expired](#)
- [Corrigenda](#)

ACCEPTANCES

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

Agapanthus inapertus

AGAPANTHUS

‘Goldstrike’

Application No: 2011/043 Accepted: 20 June, 2011

Applicant: **IR and SH Gear Family Trust.**

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

Agonis flexuosa

WILLOW MYRTLE, WILLOW PEPPERMINT

‘AG01’

Application No: 2011/083 Accepted: 14 June, 2011

Applicant: **Mansfields Propagation Nursery**, Skye, VIC.

Alstroemeria hybrid

PERUVIAN LILY

‘Konglacier’

Application No: 2011/079 Accepted: 6 June, 2011

Applicant: **Konst Breeding B.V.**

Agent: **Ball Australia**, Keysborough, VIC.

‘Konshakira’

Application No: 2011/081 Accepted: 6 June, 2011

Applicant: **Konst Breeding B.V.**

Agent: **Ball Australia**, Keysborough, VIC.

‘Zaprielia’ syn Eliane

Application No: 2010/268 Accepted: 1 June, 2011

Applicant: **Van Zanten Plants B.V.**

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

Brachychiton acerifolius xBrachychiton populneus

ILLAWARRA FLAME TREE X KURRAJONG

‘Coral Beauty’

Application No: 2011/077 Accepted: 6 June, 2011

Applicant: **Don & Marea Burke.**

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

Brachychiton hybrid

KURRAJONG, FLAME TREE

‘Trev's Little Red’

Application No: 2011/096 Accepted: 27 June, 2011

Applicant: **Trevor John Garrad.**

Agent: **Darwin Plant Wholesalers**, Winnellie, NT.

Brachyscome formosa

BRACHYSCOME

‘Ramboreef’ syn Pacific Reef

Application No: 2010/257 Accepted: 1 April, 2011

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

Callistemon viminalis

BOTTLEBRUSH

‘CC19’

Application No: 2011/032 Accepted: 6 June, 2011

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

‘CV01’

Application No: 2011/050 Accepted: 15 June, 2011

Applicant: **NuFlora International Pty Ltd.**

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

‘KPS38’

Application No: 2011/033 Accepted: 6 June, 2011

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

‘LC01’

Application No: 2011/051 Accepted: 27 May, 2011
Applicant: **NuFlora International Pty Ltd.**
Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

Carex trifida

TATAKI

‘Rekohu-Sunrise’ syn Goldy Locks

Application No: 2011/029 Accepted: 28 April, 2011
Applicant: **Lindsey Charles Hatch.**
Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

Cercis canadensis

EASTERN REDBUD, NORTH AMERICAN EASTERN REDBUD

‘Roethgold’ syn Chain of Hearts

Application No: 2010/321 Accepted: 27 May, 2011
Applicant: **Jon Reithling.**
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, Tas.

Chamelaucium hybrid

WAXFLOWER

‘WX 74’

Application No: 2011/089 Accepted: 25 May, 2011
Applicant: **Western Australian Agriculture Authority**, Bentley, WA.

Chamelaucium megalopetalum x *Chamelaucium uncinatum*

WAXFLOWER

‘WX 56’

Application No: 2011/087 Accepted: 25 May, 2011
Applicant: **Western Australian Agriculture Authority**, Bentley, WA.

‘WX 58’

Application No: 2011/090 Accepted: 25 May, 2011
Applicant: **Western Australian Agriculture Authority**, Bentley, WA.

Chamelaucium uncinatum x Chamelaucium megalopetalum

WAXFLOWER

‘WX 87’

Application No: 2011/088 Accepted: 26 May, 2011

Applicant: **Western Australian Agriculture Authority**, Bentley, WA.

Cordyline australis

CORDYLINE, CABBAGE TREE

‘Spricorhapso’

Application No: 2010/170 Accepted: 21 June, 2011

Applicant: **Sprint Horticulture Pty Ltd**, Erina, NSW.

Correa alba x Correa pulchella

CORREA

‘Annabell’

Application No: 2011/026 Accepted: 6 April, 2011

Applicant: **Peter James Ollerenshaw**, Bywong, NSW.

Correa sp.

CORREA

‘Adorabell’

Application No: 2011/023 Accepted: 16 May, 2011

Applicant: **Peter James Ollerenshaw**, Bywong, NSW.

‘Just a Touch’

Application No: 2011/025 Accepted: 16 May, 2011

Applicant: **Peter James Ollerenshaw**, Bywong, NSW.

‘Peter Sutton’

Application No: 2011/024 Accepted: 16 May, 2011

Applicant: **Peter James Ollerenshaw**, Bywong, NSW.

Daphne x transatlantica

DAPHNE

‘BLAPINK’ syn Spring Pink Eternal Fragrance

Application No: 2011/042 Accepted: 7 June, 2011

Applicant: **Anthony Robin White and Susan Barbara White.**

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

Dianella caerulea

BLUE FLAX-LILY, UMBRELLA DRACAENA

‘DC1000’

Application No: 2011/036 Accepted: 27 May, 2011

Applicant: **David Charlton**, Wandella Via Cobargo, NSW.

‘DC2100’

Application No: 2011/037 Accepted: 27 May, 2011

Applicant: **David Charlton**, Wandella Via Cobargo, NSW.

‘DC4000’

Application No: 2011/038 Accepted: 27 May, 2011

Applicant: **David Charlton**, Wandella Via Cobargo, NSW.

‘DC6000’

Application No: 2011/039 Accepted: 27 May, 2011

Applicant: **David Charlton**, Wandella Via Cobargo, NSW.

Dianella revoluta var. *brevicaulis*

SPREADING FLAX-LILY, BLUEBERRY LILY, BLACK-ANTHER FLAX-LILY, BLUE FLAX LILY

‘Rogers Red’

Application No: 2011/102 Accepted: 29 June, 2011

Applicant: **George A Lullfitz**, Wanneroo, WA.

Fragaria xananassa

STRAWBERRY

‘Florida Elyana’

Application No: 2011/052 Accepted: 5 May, 2011

Applicant: **Florida Foundation Seed Producers, Inc.**

Agent: **The State of Queensland acting through the Department of Employment, Economic Development and Innova**, Brisbane, QLD.

‘Treasure Harvest’

Application No: 2011/046 Accepted: 4 May, 2011

Applicant: **Top Berries, LLC.**

Agent: **The State of Queensland acting through the Department of Employment, Economic Development and Innova**, Brisbane, QLD.

Grevillea sp.

GREVILLEA

‘Knockout’

Application No: 2011/027 Accepted: 6 April, 2011

Applicant: **Peter James Ollerenshaw**, Bywong, NSW.

Hardenbergia comptoniana

FALSE SARSPARILLA, PURPLE CORAL PEA, WARABURRA

‘Pink Chimes’

Application No: 2011/100 Accepted: 29 June, 2011

Applicant: **George A Lullfitz**, Wanneroo, WA.

Hordeum vulgare

BARLEY

‘HSB035’

Application No: 2010/196 Accepted: 4 April, 2011

Applicant: **Plant and Food research.**

Agent: **Heritage Seeds**, Howlong, NSW.

Ipomoea batatas

ORNAMENTAL SWEET POTATO

‘Purple Star’

Application No: 2010/092 Accepted: 27 June, 2011

Applicant: **The New Zealand Institute for Plant and Food Research Limited.**

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

‘Radical’

Application No: 2010/091 Accepted: 27 June, 2011
Applicant: **The New Zealand Institute for Plant and Food Research Limited.**
Agent: **AJ Park**, Canberra, ACT.

Lactuca sativa

LETTUCE

‘Expedition’

Application No: 2010/034 Accepted: 4 April, 2011
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV.**
Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

‘Multired 54’

Application No: 2011/085 Accepted: 6 June, 2011
Applicant: **Nunhems B.V..**
Agent: **Shelston IP**, Sydney, NSW.

Lens culinaris

LENTIL

‘Grampians’ syn CIPAL0714

Application No: 2011/059 Accepted: 28 April, 2011
Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation.**
Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

‘Materno’ syn CIPAL0717

Application No: 2011/058 Accepted: 28 April, 2011
Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation.**
Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

‘Mt Byron’ syn CIPAL0719

Application No: 2011/057 Accepted: 28 April, 2011
Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation.**
Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

Magnolia hybrid

MAGNOLIA

‘JURmag4’

Application No: 2011/064 Accepted: 24 June, 2011

Applicant: **Mark Jury**.
Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Malus domestica

APPLE

‘UEB 3264/2’

Application No: 2011/069 Accepted: 15 June, 2011
Applicant: **Institute of Experimental Botany**.
Agent: **Global Licencing Associates AU / Peter Buchanan**, Hodgsonvale, QLD.

Malus domestica x Malus robusta

APPLE ROOTSTOCK

‘G.935’

Application No: 2011/001 Accepted: 23 June, 2011
Applicant: **Cornell Research Foundation Inc.**
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Murraya paniculata

ORANGE JASMINE, ORANGE JESSAMINE, SATINWOOD

‘Summer Snow’

Application No: 2009/336 Accepted: 9 June, 2011
Applicant: **Panaday Pty Ltd**, Wollongbar, NSW.

Oryza sativa

RICE

‘VGR501’

Application No: 2011/086 Accepted: 23 June, 2011
Applicant: **Vita Grain Pte Ltd**, Kambah, ACT.

Petunia hybrid

PETUNIA

‘Keitaamees’ syn Compact Amethyst

Application No: 2011/030 Accepted: 27 May, 2011
Applicant: **Keisei Rose Nurseries, Inc.**
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

Phaseolus vulgaris

FRENCH BEAN, SNAP BEAN

‘Cabot’

Application No: 2011/013 Accepted: 13 April, 2011

Applicant: **Harris Moran Seed Company.**

Agent: **Clause Pacific (Henderson Seeds Group Pty Ltd Trading as Clause Pacific)**, Bulleen, VIC.

‘Frontierau’

Application No: 2011/014 Accepted: 13 April, 2011

Applicant: **Harris Moran Seed Company.**

Agent: **Clause Pacific (Henderson Seeds Group Pty Ltd Trading as Clause Pacific)**, Bulleen, VIC.

Photinia x fraseri

PHOTINIA

‘Black Jack’

Application No: 2011/022 Accepted: 21 April, 2011

Applicant: **Eric Wallace Jordan.**

Agent: **Traden Tubes Pty Ltd**, Box Hill, NSW.

Prunus armeniaca

APRICOT

‘Flavor Break’

Application No: 2010/286 Accepted: 16 May, 2011

Applicant: **The Minister for Agriculture, Food and Fisheries**, Adelaide, SA.

‘FlavorBlush’

Application No: 2010/301 Accepted: 16 May, 2011

Applicant: **The Minister for Agriculture, Food and Fisheries**, Adelaide, SA.

‘Opponent’

Application No: 2010/300 Accepted: 16 May, 2011

Applicant: **The Minister for Agriculture, Food and Fisheries**, Adelaide, SA.

‘River Early’

Application No: 2010/207 Accepted: 12 May, 2011

Applicant: **The Minister for Agriculture, Food and Fisheries**, Adelaide, SA.

Prunus persica var. *nucipersica*

NECTARINE

‘Flariba’

Application No: 2011/071 Accepted: 15 June, 2011
Applicant: **PSB Produccion Vegetal S.L.**
Agent: **Montague Fresh**, Narre Warren North, VIC.

Rosa hybrid

ROSE

‘Grandcrebru’

Application No: 2010/272 Accepted: 29 June, 2011
Applicant: **Mr. Harry Schrueders**.
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

Rosa hybrid

ROSE

‘Natubreak’ syn Icebreaker

Application No: 2011/019 Accepted: 19 April, 2011
Applicant: **Natural Selections Ltd**.
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Noasplash’

Application No: 2011/031 Accepted: 21 June, 2011
Applicant: **Reinhard Noack**.
Agent: **Flower Carpet Pty Ltd**, Silvan, VIC.

Rubus idaeus

RASPBERRY

‘Erika’

Application No: 2011/072 Accepted: 20 May, 2011
Applicant: **Centro Di Ricerca Per La Frutticoltura (Roma) (CRA-FRU)**.
Agent: **Fisher Adams Kelly**, Brisbane, QLD.

Schlumbergera truncata

CHRISTMAS CACTUS

‘Cecilia’

Application No: 2011/045 Accepted: 5 May, 2011

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

Senecio hybrid

SENECIO, CINERARIA

‘Sunsenepiba’

Application No: 2010/294 Accepted: 15 June, 2011

Applicant: **Suntory Flowers Ltd.**

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

Solanum tuberosum

POTATO

‘Red Fantasy’

Application No: 2011/040 Accepted: 13 April, 2011

Applicant: **EUROPLANT Pflanzenzucht GmbH.**

Agent: **Agtec Agriculture Pty Ltd**, (Moor Farm) Hillston, NSW.

‘Gourmandine’

Application No: 2010/266 Accepted: 9 June, 2011

Applicant: **Bretagne Plants.**

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

Syzygium francisii

GIANT WATER GUM

‘DBK01’

Application No: 2011/034 Accepted: 6 June, 2011

Applicant: **Don & Marea Burke.**

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

Tibouchina mutabilis x Tibouchina lepidota

TIBOUCHINA

‘Little Beauty’

Application No: 2011/060 Accepted: 20 June, 2011

Applicant: **Terence Charles Keogh.**

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

Triticum aestivum

WHEAT

‘Kunjin’

Application No: 2010/224 Accepted: 4 April, 2011

Applicant: **InterGrain Pty Ltd.**

Agent: **David Collins Consulting**, Northam, WA.

‘LongReach Cobra’ syn LRPB Cobra

Application No: 2011/097 Accepted: 23 June, 2011

Applicant: **LongReach Plant Breeders Management Pty Ltd**, Lonsdale, SA.

‘LongReach Envoy’ syn LRPB Envoy

Application No: 2011/053 Accepted: 20 May, 2011

Applicant: **LongReach Plant Breeders Management Pty Ltd**, Lonsdale, SA.

‘LongReach Impala’ syn LRPB Impala

Application No: 2011/065 Accepted: 15 June, 2011

Applicant: **LongReach Plant Breeders Management Pty Ltd**, Lonsdale, SA.

‘Wedin’

Application No: 2010/231 Accepted: 4 April, 2011

Applicant: **InterGrain Pty Ltd.**

Agent: **David Collins Consulting**, Northam, WA.

Vaccinium hybrid

SOUTHERN Highbush BLUEBERRY

‘Ridley 0502’

Application No: 2010/211 Accepted: 12 April, 2011

Applicant: **Mountain Blue Orchards Pty Ltd**, Lindenvale, NSW.

‘Ridley 0505’

Application No: 2010/212 Accepted: 12 April, 2011
Applicant: **Mountain Blue Orchards Pty Ltd**, Lindenvale, NSW.

‘Ridley 0508’

Application No: 2010/213 Accepted: 12 April, 2011
Applicant: **Mountain Blue Orchards Pty Ltd**, Lindenvale, NSW.

‘Ridley 1401’

Application No: 2010/214 Accepted: 12 April, 2011
Applicant: **Mountain Blue Orchards Pty Ltd**, Lindenvale, NSW.

‘Ridley 1403’

Application No: 2010/215 Accepted: 12 April, 2011
Applicant: **Mountain Blue Orchards Pty Ltd**, Lindenvale, NSW.

‘Ridley 1812’

Application No: 2010/216 Accepted: 12 April, 2011
Applicant: **Mountain Blue Orchards Pty Ltd**, Lindenvale, NSW.

Vicia faba

FIELD BEAN

‘AF01006-1’

Application No: 2011/047 Accepted: 5 May, 2011
Applicant: **Adelaide Research & Innovation Pty Ltd, Grains Research Development Corporation.**
Agent: **Adelaide Research & Innovation Pty Ltd**, Adelaide, SA.

Viola cornuta

HORNED VIOLET

‘Sunviopapu’

Application No: 2010/288 Accepted: 15 June, 2011
Applicant: **Suntory Flowers Limited.**
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

Westringia fruticosa

COASTAL ROSEMARY

‘WES04’

Application No: 2011/049 Accepted: 13 May, 2011

Applicant: **NuFlora International Pty Ltd.**

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

Westringia hybrid

COASTAL ROSEMARY

‘WES02’

Application No: 2011/048 Accepted: 13 May, 2011

Applicant: **NuFlora International Pty Ltd.**

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

‘WES03’

Application No: 2011/044 Accepted: 13 May, 2011

Applicant: **NuFlora International Pty Ltd.**

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

Variety Descriptions

| <u>Common (Genus Species)</u> | <u>Variety</u> | <u>Title Holder</u> |
|--|----------------|---|
| <u>Kiwifruit (Actinidia chinensis)</u> | Y368 | Donald Alfred Skelton |
| <u>Agave (Agave attenuata)</u> | AGAVWS | Lifetech Laboratories Ltd |
| <u>River Birch (Betula nigra)</u> | Summer Cascade | John D. Allen and Daniel A. Allen |
| <u>Birch (Betula pendula)</u> | GLOBE | JFT Nurseries Pty Ltd |
| <u>Canola (Brassica napus)</u> | GT-Cougar | Nugrain Pty. Ltd. |
| <u>Canola (Brassica napus)</u> | GT-Scorpion | Nuseed Pty. Ltd. |
| <u>Canola (Brassica napus)</u> | GT-Mustang | Nugrain Pty. Ltd. |
| <u>Tataki (Carex trifida)</u> | Rekohu-Sunrise | Lindsey Charles Hatch |
| <u>Globe Artichoke (Cynara scolymus)</u> | SYMPHONY | Nunhems B.V. |
| <u>Duranta (Duranta stenostachya)</u> | Mini Green | David Littler |
| <u>Strawberry (Fragaria xananassa)</u> | Monterey | Regents of the University of California |

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|--|-------------|--|
| <u>Strawberry</u> <u>(<i>Fragaria xananassa</i>)</u> | San Andreas | Regents of the University of California |
| <u>Soybean (<i>Glycine max</i>)</u> | Talgai | Eric Robinson, John Rose |
| <u>Soybean (<i>Glycine max</i>)</u> | Fernside | Eric Robinson, John Rose |
| <u>Soybean (<i>Glycine max</i>)</u> | Ascot | Eric Robinson, John Rose |
| <u>Cotton</u> <u>(<i>Gossypium hirsutum</i>)</u> | Sicot 75BRF | Commonwealth Scientific and Industrial Research Organisation, Cotton Seeds Distributors Ltd. |
| <u>Willow Leaved Hakea (<i>Hakea salicifolia</i>)</u> | HAL01 | Vic John Ciccolella |
| <u>Conebush</u> <u>(<i>Isopogon hybrid</i>)</u> | CandyCones | Phillip Dowling |
| <u>Lettuce (<i>Lactuca sativa</i>)</u> | RIBENAS | Rijk Zwaan Zaadteelt en Zaadhandel BV |
| <u>Lettuce (<i>Lactuca sativa</i>)</u> | EXPLORE | Rijk Zwaan Zaadteelt en Zaadhandel BV |
| <u>Lettuce (<i>Lactuca sativa</i>)</u> | MULTIRED 3 | Nunhems B.V. |
| <u>Tea Tree</u> <u>(<i>Leptospermum laevigatum</i>)</u> | Shore Tuff | Phillip Dowling |
| <u>Tea Tree</u> <u>(<i>Leptospermum laevigatum</i>)</u> | Fore Shore | Phillip Dowling |
| <u>Alyssum</u> <u>(<i>Lobularia hybrid</i>)</u> | Inlbusnopr | Innovaplant Zierpflanzen GmbH & Co KG |
| <u>Perennial Ryegrass (<i>Lolium perenne</i>)</u> | Bolton | Agriculture Victoria Services Pty Ltd |

| | | |
|---|----------------|--|
| <u>Apple (<i>Malus domestica</i>)</u> | RS103-130 | State of Queensland through its Department of Primary Industries and Fisheries |
| <u>Lucerne (<i>Medicago sativa</i>)</u> | SuperSonic | Seed Genetics Australia |
| <u>New Zealand Flax (<i>Phormium tenax</i>)</u> | Choc N' Cherry | Mount Boyce Nurseries Pty Ltd |
| <u>Plum (<i>Prunus domestica</i>)</u> | Sutter | The Regents of the University of California |
| <u>Peach (<i>Prunus persica</i>)</u> | Super Lady | Zaiger's Inc. Genetics |
| <u>Nectarine (<i>Prunus persica</i> var <i>nucipersica</i>)</u> | May Bright | Lowell G. Bradford |
| <u>Nectarine (<i>Prunus persica</i> var <i>nucipersica</i>)</u> | May Pearl | Lowell G. Bradford |
| <u>Rose (<i>Rosa</i> hybrid)</u> | MEIKATANA | Meilland International S. A. |
| <u>Rose (<i>Rosa</i> Hybrid)</u> | Meiflemingue | Meilland International S. A. |
| <u>Raspberry (<i>Rubus Idaeus</i>)</u> | DrisRaspFour | Driscoll Strawberry Associates, Inc. |
| <u>Christmas Cactus (<i>Schlumbergera truncata</i>)</u> | Sterling | Tillington House Pty Ltd |
| <u>Cereal Rye (<i>Secale cereale</i>)</u> | Vampire | The University of Sydney, Grains Research and Development Corporation |
| <u>Potato (<i>Solanum tuberosum</i>)</u> | SETANTA | Irish Potato Marketing Ltd |
| <u>Potato (<i>Solanum tuberosum</i>)</u> | A380 | University of Tasmania, Horticulture Australia Limited |

| | | |
|---|-------------|--|
| <u>Potato (<i>Solanum tuberosum</i>)</u> | RB8 | University of Tasmania, Horticulture Australia Limited |
| <u>Tibouchina (<i>Tibouchina organensis</i> x <i>mutabilis</i>)</u> | Groovy Baby | Terence Charles Keogh |
| <u>Wheat (<i>Triticum aestivum</i>)</u> | VAW51 | George Weston Foods Limited |
| <u>Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)</u> | Lehl-51 | Lehl Family Trust |
| <u>Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)</u> | Lehl-21 | Lehl Family Trust |
| <u>Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)</u> | Lehl-64 | Lehl Family Trust |
| <u>Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)</u> | Lehl-56 | Lehl Family Trust |
| <u>Grapevine rootstock (<i>Vitis hybrid</i>)</u> | RS-3 | The Regents of the University of California |
| <u>Grapevine rootstock (<i>Vitis hybrid</i>)</u> | RS-9 | The Regents of the University of California |

| | | |
|--|-----------|----------------------------------|
| Coastal Rosemary (<i>Westringia fruticosa</i>) | WES05 | NuFlora International Pty Ltd |
| Coastal Rosemary (<i>Westringia hybrid</i>) | WES01 | NuFlora International Pty Ltd |
| Triticale (<i>xTriticosecale</i>) | Berkshire | Pork CRC Ltd |

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Plant Varieties Journal - Search Result Details

Agave (*Agave attenuata*)

Variety: 'AGAVWS'
Synonym: Silver Trim

Application no: 2010/121

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Jun-2010

Accepted: 21-Sep-2010

Granted: N/A

Description published in Plant Varieties Journal: Volume 24, Issue 2

Title Holder: Lifetech Laboratories Ltd

Agent: Greenhill's Propagation Nursery Pty Ltd

Telephone: 0356292443

Fax: 0356292822

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



Plant Varieties Journal - Search Result Details

Alyssum (*Lobularia hybrid*)**Variety:** 'Inlbusnopr'**Synonym:** N/A**Application no:** 2010/135**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Jul-2010**Accepted:** 24-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Innovaplant Zierpflanzen GmbH & Co KG**Agent:** Aussie Winners Pty Ltd**Telephone:** 0732067676**Fax:** 0732068922

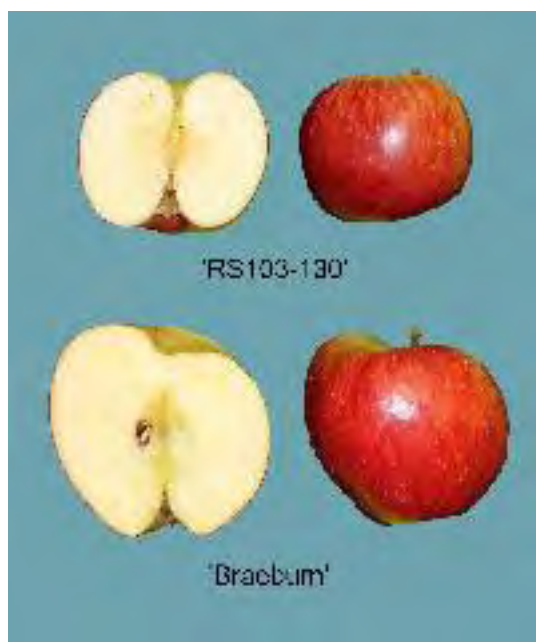
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Apple (*Malus domestica*)**Variety:** 'RS103-130'**Synonym:** N/A**Application no:** 2005/278**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Aug-2005**Accepted:** 20-Dec-2005**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** State of Queensland through its Department of Primary Industries and Fisheries**Agent:** N/A**Telephone:** 0732390802**Fax:** 0732393948

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



Plant Varieties Journal - Search Result Details

Birch (*Betula pendula*)**Variety:** 'GLOBE'**Synonym:** N/A**Application no:** 2008/078**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Mar-2008**Accepted:** 20-May-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** JFT Nurseries Pty Ltd**Agent:** N/A**Telephone:** (03) 9737 9633**Fax:** (03) 9737 9755

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



Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)**Variety:** 'GT-Cougar'**Synonym:** N/A**Application no:** 2010/004**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Jan-2010**Accepted:** 26-Feb-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Nugrain Pty. Ltd.**Agent:** N/A**Telephone:** 0392821000**Fax:** 0392821245

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



Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)**Variety:** 'GT-Scorpion'**Synonym:** N/A**Application no:** 2010/005**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Jan-2010**Accepted:** 26-Feb-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Nuseed Pty. Ltd.**Agent:** N/A**Telephone:** 0392821000**Fax:** 0392821245

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



Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)**Variety:** 'GT-Mustang'**Synonym:** N/A**Application no:** 2010/006**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Jan-2010**Accepted:** 26-Feb-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Journal:****Title Holder:** Nugrain Pty. Ltd.**Agent:** N/A**Telephone:** 0392821000**Fax:** 0392821245

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



Plant Varieties Journal - Search Result Details

Cereal Rye (*Secale cereale*)**Variety:** 'Vampire'**Synonym:** N/A**Application no:** 2010/064**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2010**Accepted:** 19-Aug-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** The University of Sydney, Grains Research and Development Corporation**Agent:** N/A**Telephone:** 0261664500**Fax:** 0261664599

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



Left to Right: 1 seedlings of Vampire, 2 seedlings of Eysan, and 3 seedlings of Weibard

Plant Varieties Journal - Search Result Details

Christmas Cactus (*Schlumbergera truncata*)**Variety:** 'Sterling'**Synonym:** N/A**Application no:** 2009/042**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Mar-2009**Accepted:** 10-Apr-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Tillington House Pty Ltd**Agent:** N/A**Telephone:** 0266549255**Fax:** 0266549266

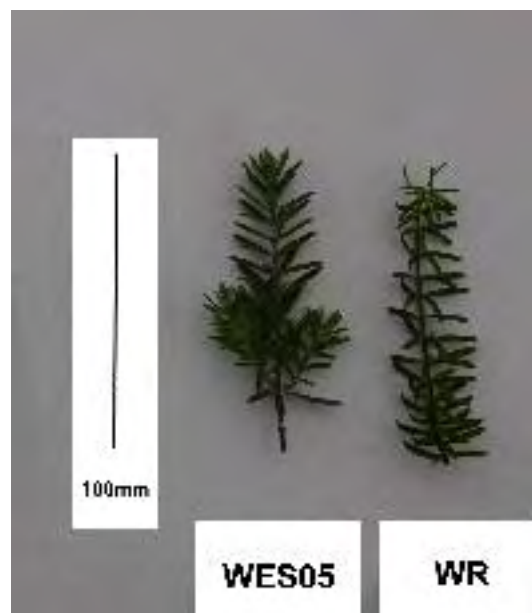
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Coastal Rosemary (*Westringia fruticosa*)**Variety:** 'WES05'**Synonym:** N/A**Application no:** 2008/312**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Oct-2008**Accepted:** 15-Sep-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** NuFlora International Pty Ltd**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

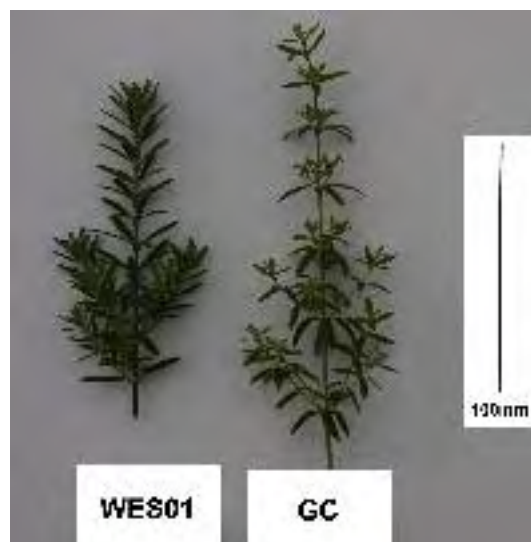
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Coastal Rosemary (*Westringia hybrid*)**Variety:** 'WES01'**Synonym:** N/A**Application no:** 2008/311**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Oct-2008**Accepted:** 15-Sep-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Journal:****Title Holder:** NuFlora International Pty Ltd**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

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



Plant Varieties Journal - Search Result Details

Conebush (*Isopogon hybrid*)**Variety:** 'CandyCones'**Synonym:** N/A**Application
no:** 2009/059**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 09-Apr-2009**Accepted:** 11-Jun-2009**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 2**Title Holder:** Phillip Dowling**Agent:** Plants Management Australia Pty Ltd**Telephone:** 0362659050**Fax:** 0362659919

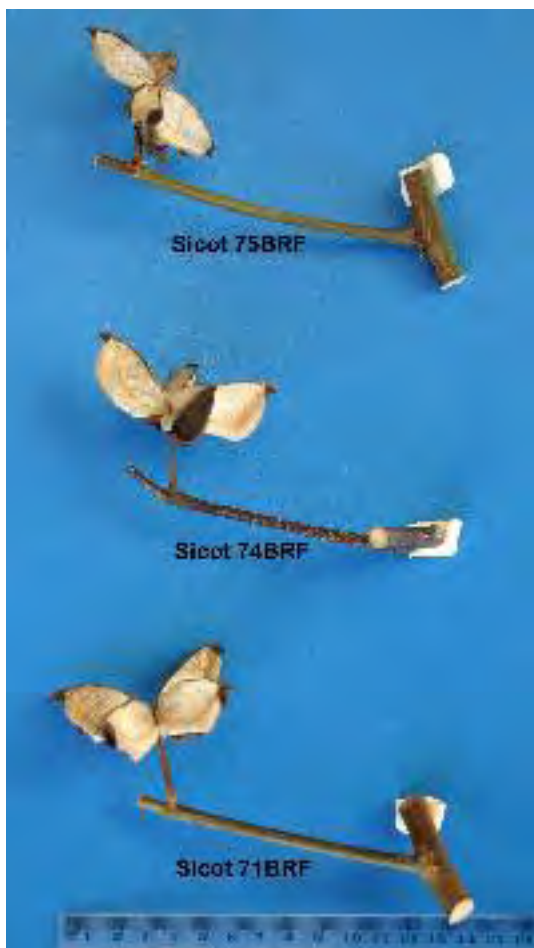
[View the detailed description of this
variety.](#)



Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)**Variety:** 'Sicot 75BRF'**Synonym:** N/A**Application no:** 2010/264**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Oct-2010**Accepted:** 01-Dec-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Commonwealth Scientific and Industrial Research Organisation, Cotton Seeds Distributors Ltd.**Agent:** N/A**Telephone:** 0267991584**Fax:** 02 6799 24

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



Plant Varieties Journal - Search Result Details

Duranta (*Duranta stenostachya*)**Variety:** 'Mini Green'**Synonym:** N/A**Application
no:** 2010/131**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 18-Jun-2010**Accepted:** 14-Jul-2010**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 2**Title Holder:** David Littler**Agent:** N/A**Telephone:** 0413610421**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Globe Artichoke (*Cynara scolymus*)**Variety:** 'SYMPHONY'**Synonym:** N/A**Application
no:** 2009/091**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 07-May-2009**Accepted:** 19-May-2009**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 2**Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Plant Varieties Journal - Search Result Details

Grapevine rootstock (*Vitis hybrid*)**Variety:** 'RS-3'**Synonym:** N/A**Application no:** 2009/308**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Nov-2009**Accepted:** 15-Jan-2010**Granted:** N/A**Description published****in Plant** Volume 24, Issue 2**Varieties****Journal:****Title Holder:** The Regents of the University of California**Agent:** Phillips Ormonde Fitzpatrick**Telephone:** 0396222287**Fax:** 0396141867

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



Plant Varieties Journal - Search Result Details

Grapevine rootstock (*Vitis hybrid*)**Variety:** 'RS-9'**Synonym:** N/A**Application no:** 2009/309**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Nov-2009**Accepted:** 15-Jan-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** The Regents of the University of California**Agent:** Phillips Ormonde Fitzpatrick**Telephone:** 0396222287**Fax:** 0396141867

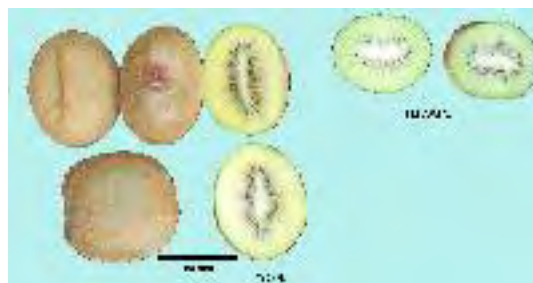
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Kiwifruit (*Actinidia chinensis*)**Variety:** 'Y368'**Synonym:** N/A**Application no:** 2007/101**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Mar-2007**Accepted:** 09-May-2007**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 2**Varieties****Journal:****Title Holder:** Donald Alfred Skelton**Agent:** Global Plant IP Pty Ltd**Telephone:** N/A**Fax:** 0746710044

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



Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'RIBENAS'**Synonym:** N/A**Application no:** 2008/015**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Jan-2008**Accepted:** 30-Apr-2008**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Rijk Zwaan Zaadteelt en Zaadhandel BV**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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



Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'EXPLORE'**Synonym:** N/A**Application no:** 2009/102**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-May-2009**Accepted:** 09-Nov-2009**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 24, Issue 2

Title Holder: Rijk Zwaan Zaadteelt en Zaadhandel BV**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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

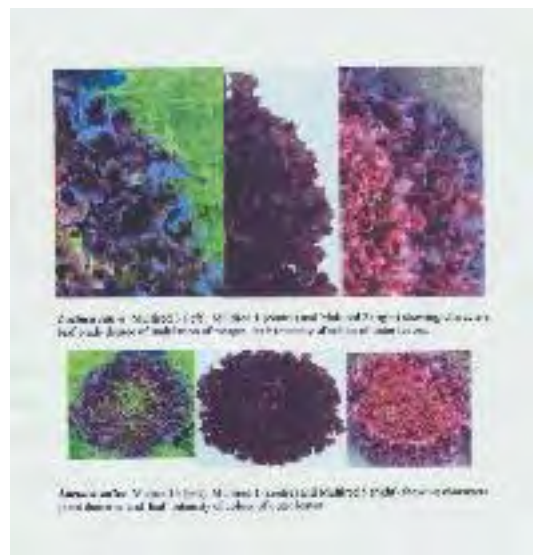


EXPLORE

Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'MULTIRED 3'**Synonym:** N/A**Application no:** 2008/161**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-May-2008**Accepted:** 08-Jul-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Journal:****Title Holder:** Nunhems B.V.**Agent:** Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Plant Varieties Journal - Search Result Details

Lucerne (*Medicago sativa*)**Variety:** 'SuperSonic'**Synonym:** Alpha 1**Application no:** 2007/165**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Jun-2007**Accepted:** 30-Jul-2007**Granted:** N/A

Description published in Plant Varieties Journal: Volume 24, Issue 2

Title Holder: Seed Genetics Australia**Agent:** N/A**Telephone:** 0882716000**Fax:** 0887551644

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



Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var *nucipersica*)**Variety:** 'May Bright'**Synonym:** N/A**Application
no:** 2010/247**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 05-Oct-2010**Accepted:** 24-Nov-2010**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 2**Title Holder:** Lowell G. Bradford**Agent:** Buchanan's Nursery**Telephone:** 0746152182**Fax:** 0746152183

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



Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var *nucipersica*)**Variety:** 'May Pearl'**Synonym:** N/A**Application
no:** 2010/243**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 05-Oct-2010**Accepted:** 24-Nov-2010**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 2**Title Holder:** Lowell G. Bradford**Agent:** Buchanan's Nursery**Telephone:** 0746152182**Fax:** 0746152183

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



Plant Varieties Journal - Search Result Details

New Zealand Flax (*Phormium tenax*)**Variety:** 'Choc N' Cherry'**Synonym:** N/A**Application no:** 2010/279**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Nov-2010**Accepted:** 17-Dec-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Mount Boyce Nurseries Pty Ltd**Agent:** N/A**Telephone:** 0247877222**Fax:** 0247875441

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



Choc N° Cherry

Anna Red

Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)**Variety:** 'Super Lady'**Synonym:** N/A**Application no:** 2008/174**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-May-2008**Accepted:** 24-Jun-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, 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

Perennial Ryegrass (*Lolium perenne*)**Variety:** 'Bolton'**Synonym:** N/A**Application no:** 2004/170**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-May-2004**Accepted:** 06-Aug-2004**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Agriculture Victoria Services Pty Ltd**Agent:** N/A**Telephone:** 0392174125**Fax:** 0392174161

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

Plant Varieties Journal - Search Result Details

Plum (*Prunus domestica*)**Variety:** 'Sutter'**Synonym:** N/A**Application no:** 2001/103**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 05-Apr-2001**Accepted:** 28-May-2001**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** The Regents of the University of California**Agent:** Phillips Ormonde & Fitzpatrick**Telephone:** 0396141944**Fax:** 0396141867

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



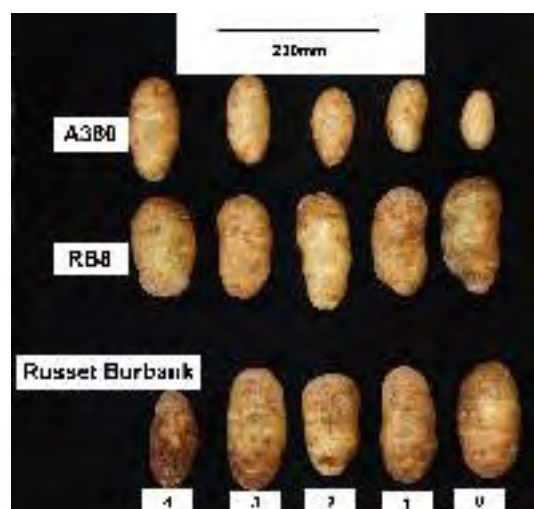
Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'SETANTA'**Synonym:** N/A**Application no:** 2009/284**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Oct-2009**Accepted:** 09-Nov-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Irish Potato Marketing Ltd**Agent:** Bright Harvest**Telephone:** 0883809855**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'A380'**Synonym:** N/A**Application no:** 2009/049**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Mar-2009**Accepted:** 09-Apr-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Journal:****Title Holder:** University of Tasmania, Horticulture Australia Limited**Agent:** Spruson & Ferguson**Telephone:** 0293930100**Fax:** 0292615486[View the detailed description of this variety.](#)

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'RB8'**Synonym:** N/A**Application no:** 2009/050**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Mar-2009**Accepted:** 09-Apr-2009**Granted:** N/A

Description published in Plant Varieties Journal: Volume 24, Issue 2

Title Holder: University of Tasmania, Horticulture Australia Limited**Agent:** Spruson & Ferguson**Telephone:** 0293930100**Fax:** 0292615486

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



Plant Varieties Journal - Search Result Details

Raspberry (*Rubus Idaeus*)**Variety:** 'DrisRaspFour'**Synonym:** N/A**Application no:** 2010/307**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 15-Dec-2010**Accepted:** 22-Dec-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Driscoll Strawberry Associates, Inc.**Agent:** Phillips Ormonde Fitzpatrick**Telephone:** 0396222287**Fax:** 0396141867

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



Plant Varieties Journal - Search Result Details

River Birch (*Betula nigra*)**Variety:** 'Summer Cascade'**Synonym:** N/A**Application
no:** 2008/067**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 27-Feb-2008**Accepted:** 18-Aug-2008**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 2**Title Holder:** John D. Allen and Daniel A. Allen**Agent:** Plants Management Australia Pty . Ltd.**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'MEIKATANA'
Synonym: SAMOURAI 2007

Application no: 2009/037

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Mar-2009

Accepted: 17-Mar-2009

Granted: N/A

Description published in Plant Varieties Journal: Volume 24, Issue 2

Title Holder: Meilland International S.A.

Agent: Peter Lee - Selection Meilland Australia

Telephone: 0363301147

Fax: 0363301920

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa Hybrid*)**Variety:** 'Meiflemingue'**Synonym:** N/A**Application
no:** 2010/267**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 28-Oct-2010**Accepted:** 10-Feb-2011**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 2**Title Holder:** Meilland International S.A.**Agent:** Peter Lee of Selection Meilland Australia**Telephone:** 0363301147**Fax:** 0363301920

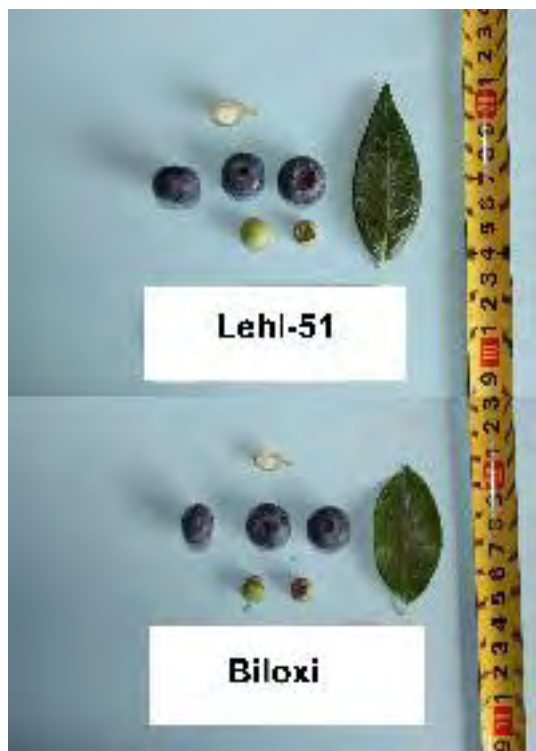
[View the detailed description of this
variety.](#)



Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)**Variety:** 'Lehl-51'**Synonym:** N/A**Application no:** 2010/256**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 11-Oct-2010**Accepted:** 08-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Lehl Family Trust**Agent:** N/A**Telephone:** 0266492368**Fax:** N/A

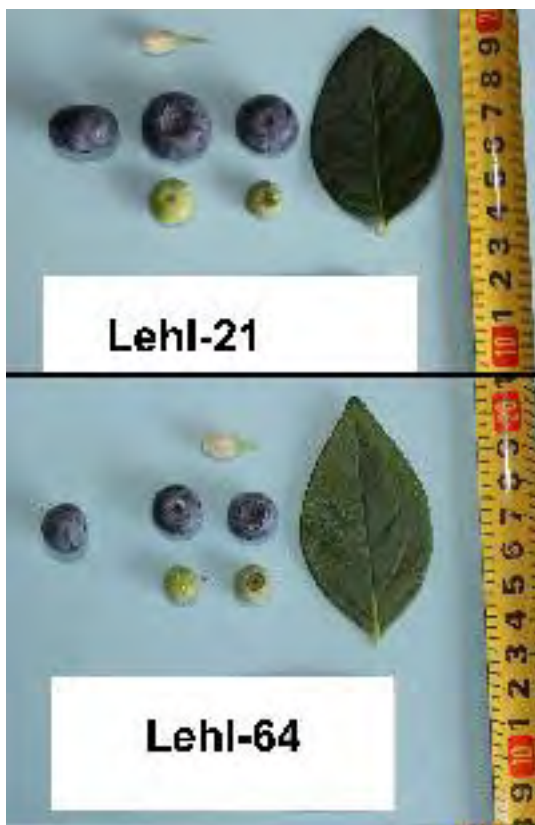
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)**Variety:** 'Lehl-21'**Synonym:** N/A**Application no:** 2010/237**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Sep-2010**Accepted:** 08-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Lehl Family Trust**Agent:** N/A**Telephone:** 0266492368**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)**Variety:** 'Lehl-64'**Synonym:** N/A**Application no:** 2010/235**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Sep-2010**Accepted:** 08-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Lehl Family Trust**Agent:** N/A**Telephone:** 0266492368**Fax:** N/A

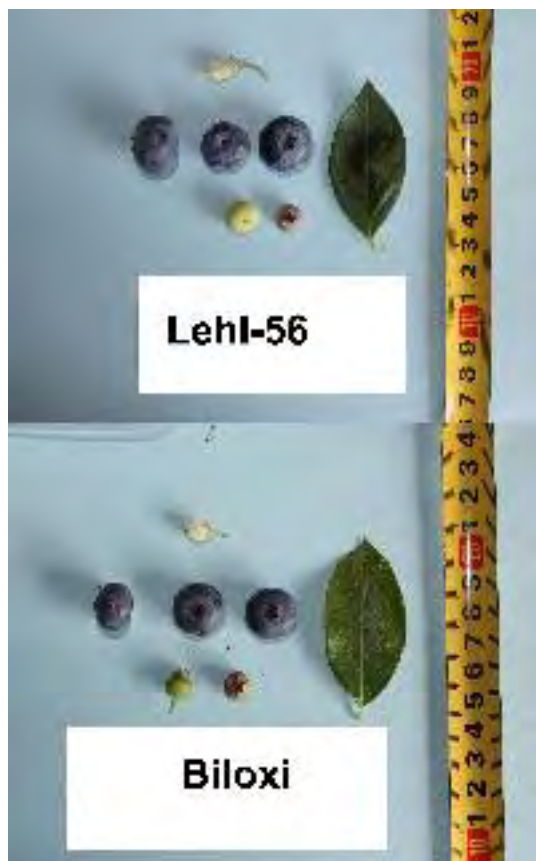
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)**Variety:** 'Lehl-56'**Synonym:** N/A**Application no:** 2010/236**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Sep-2010**Accepted:** 08-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Lehl Family Trust**Agent:** N/A**Telephone:** 0266492368**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Soybean (*Glycine max*)**Variety:** 'Talgai'**Synonym:** N/A**Application no:** 2009/312**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Nov-2009**Accepted:** 25-May-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Eric Robinson, John Rose**Agent:** N/A**Telephone:** N/A**Fax:** 0746322668

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



Plant Varieties Journal - Search Result Details

Soybean (*Glycine max*)**Variety:** 'Fernside'**Synonym:** N/A**Application no:** 2010/057**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Mar-2010**Accepted:** 15-Apr-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Eric Robinson, John Rose**Agent:** N/A**Telephone:** N/A**Fax:** 0746322668

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



Plant Varieties Journal - Search Result Details

Soybean (*Glycine max*)**Variety:** 'Ascot'**Synonym:** N/A**Application no:** 2009/313**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Nov-2009**Accepted:** 15-Apr-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Eric Robinson, John Rose**Agent:** N/A**Telephone:** N/A**Fax:** 0746322668

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



Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)**Variety:** 'Monterey'**Synonym:** N/A**Application no:** 2008/270**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 15-Sep-2008**Accepted:** 15-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Regents of the University of California**Agent:** Leslie W Mitchell**Telephone:** 0358212021**Fax:** 0358311592

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



Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)**Variety:** 'San Andreas'**Synonym:** N/A**Application no:** 2008/271**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 15-Sep-2008**Accepted:** 15-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Regents of the University of California**Agent:** Leslie W Mitchell**Telephone:** 0358212021**Fax:** 0358311592

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



Plant Varieties Journal - Search Result Details

Tataki (*Carex trifida*)**Variety:** 'Rekohu-Sunrise'**Synonym:** Goldy Locks**Application no:** 2011/029**Current status:** Accepted**Certificate no:** N/A**Received:** 11-Feb-2011**Accepted:** 28-Apr-2011**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Lindsey Charles Hatch**Agent:** Touch of Class Plants Pty Ltd**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Tea Tree (*Leptospermum laevigatum*)**Variety:** 'Shore Tuff'**Synonym:** N/A**Application no:** 2009/145**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Jun-2009**Accepted:** 11-Dec-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Varieties Journal:****Title Holder:** Phillip Dowling**Agent:** Plants Management Australia Pty. Ltd**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

Tea Tree (*Leptospermum laevigatum*)**Variety:** 'Fore Shore'**Synonym:** N/A**Application no:** 2009/327**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Nov-2009**Accepted:** 29-Apr-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Phillip Dowling**Agent:** Plants Management Australia Pty. Ltd.**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

Tibouchina (*Tibouchina organensis x mutabilis*)**Variety:** 'Groovy Baby'**Synonym:** N/A**Application no:** 2010/140**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Jul-2010**Accepted:** 06-Sep-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Terence Charles Keogh**Agent:** Plants Management Australia Pty. Ltd.**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

Triticale (*xTriticosecale*)**Variety:** 'Berkshire'**Synonym:** N/A**Application no:** 2009/025**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 19-Feb-2009**Accepted:** 17-Mar-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Pork CRC Ltd**Agent:** N/A**Telephone:** 0883037683**Fax:** 0883037686

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'VAW51'**Synonym:** N/A**Application no:** 2004/253**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Sep-2004**Accepted:** 23-Dec-2004**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 2**Varieties****Journal:****Title Holder:** George Weston Foods Limited**Agent:** N/A**Telephone:** 0297648222**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Willow Leaved Hakea (*Hakea salicifolia*)**Variety:** 'HAL01'**Synonym:** N/A**Application no:** 2009/039**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Mar-2009**Accepted:** 10-Apr-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 2**Title Holder:** Vic John Ciccolella**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

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



Details of Application

| | |
|---------------------------|--|
| Application Number | 2010/121 |
| Variety Name | 'AGAVWS' |
| Genus Species | <i>Agave attenuata</i> |
| Common Name | Agave |
| Synonym | Silver Trim |
| Accepted Date | 21 Sep 2010 |
| Applicant | Lifetech Laboratories Ltd, Albant, Auckland, NZ |
| Agent | Greenhill's Propagation Nursery Pty Ltd, Tynong, VIC |
| Qualified Person | Mark Lunghusen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Tynong, VIC |
| Descriptor | Yucca (Yucca spp.) PBR YUCC |
| Period | Autumn to summer 2010 |
| Conditions | Plants were grown in 20cm pots in a covered polyhouse with no walls in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. |
| Trial Design | 10 plants in block design. |
| Measurements | Taken from middle third of stem. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Spontaneous mutation: the candidate variety was selected from a spontaneous mutation that occurred on Agave 'Tandarra's Tiger'. The candidate variety was selected from this mutation and grown on in tissue culture to determine distinctness, uniformity and stability. Breeder Graeme John Burton, 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 |
|------------------|--------------|---|
| Leaf | arrangement | whorled |
| Plant | growth habit | erect |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------------------|-----------------|
| <i>Agave attenuata</i> | Parent variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|--------------------|--------------------------------|--|---|
| 'Tandarra's Tiger' | Leaf variegation colour | white | yellow |

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

| Organ/Plant Part: Context | 'AGAVWS' | <i>Agave attenuata</i> |
|---|------------------|------------------------|
| <input type="checkbox"/> Plant: height of foliage | short | short to medium |
| <input type="checkbox"/> Leaf: length | short to medium | short to medium |
| <input type="checkbox"/> Leaf: width at broadest part | narrow to medium | narrow to medium |

| | | | |
|-------------------------------------|---|-------------|------------|
| <input checked="" type="checkbox"/> | Leaf: number of colours on upper side | two | one |
| <input type="checkbox"/> | Leaf: main colour of upper side (RHS Colour Chart) | green 138A | green 137B |
| <input checked="" type="checkbox"/> | Leaf: secondary colour of upper side (RHS Colour Chart) | 157C | nil |
| <input checked="" type="checkbox"/> | Leaf: distribution of secondary colour on upper side | margin zone | nil |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | | ‘AGAVWS’ | <i>Agave attenuata</i> |
|-------------------------------------|--------------------------------|-------------------------|-------------------------------|
| <input type="checkbox"/> | Plant: type | herbaceous perennial | herbaceous perennial |
| <input type="checkbox"/> | Plant: growth habit | erect | erect |
| <input type="checkbox"/> | Plant: width | narrow to medium | medium |
| <input type="checkbox"/> | Leaf: type | simple | simple |
| <input type="checkbox"/> | Leaf: size | medium | medium |
| <input type="checkbox"/> | Leaf: attitude | semi-erect | semi-erect |
| <input type="checkbox"/> | Leaf: arrangement | whorled | whorled |
| <input type="checkbox"/> | Leaf: shape | elliptic | elliptic |
| <input type="checkbox"/> | Leaf: shape of apex | acute | acute |
| <input type="checkbox"/> | Leaf: shape of base | cuneate | cuneate |
| <input type="checkbox"/> | Leaf: shape of cross section | concave | concave |
| <input type="checkbox"/> | Leaf: glossiness of upper side | very weak | very weak |
| <input type="checkbox"/> | Leaf: presence of variegation | present | absent |
| <input checked="" type="checkbox"/> | Leaf: degree of variegation | very low to low | nil |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2009 | Granted | ‘AGAVWS’ |

First sold in Australia in Sep 2009 and in the USA in Feb 2010.

Description: **Mark Lunghusen**, World Select, Cranbourne, VIC.

Details of Application

| | |
|---------------------------|---|
| Application Number | 2010/135 |
| Variety Name | 'Inlbusnopr' |
| Genus Species | <i>Lobularia</i> hybrid |
| Common Name | Alyssum |
| Synonym | Nil |
| Accepted Date | 24 Nov 2010 |
| Applicant | Innovaplant Zierpflanzen GmbH & Co KG, Gensingen, Germany |
| Agent | Aussie Winners Pty Ltd, Redland Bay, QLD |
| Qualified Person | Pamela Berryman |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Redland Bay, QLD |
| Descriptor | General Descriptor (for plant varieties with no descriptor available) PBR GEN DES |
| Period | 18 Sep 09 – 22 Oct 10 |
| Conditions | 10 plants of <i>Lobularia</i> 'Inlbusnopr', 10 plants of 'Snow Crystals' were trialled under 14% hail netting. All were under irrigation and sprayed with a general fungicide preventative which was applied to all crops in the trial area, as needed. |
| Trial Design | Randomly spaced plants 10 of each |
| Measurements | Observations from all plants |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'Inlbusnopr' was the result of cross pollination of breeders selections *Lobularia canariensis* var. *palmaris* ssp. *nieves* (female) and *Lobularia maritima* tetraploid (male). Crossing was conducted in Mar 2005 and the new variety 'Inlbusnopr' was selected from the resultant seedlings in Apr 2006. It was selected for its improved sterility, heat-tolerance, nice fragrance and long flower period. Breeder: Peter Wicki-Freidl.

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 |
|-------------------------|-------------------|--|
| Petal | incision | absent or very weak |
| Petal | undulation | absent or very weak |
| Petal | shape | rounded |
| Plant | growth habit | spreading |
| Leaf | leaf type | simple |
| Leaf | size | medium |
| Leaf | attitude | semi-erect |
| Leaf | arrangement | alternate |
| Leaf | length of blade | medium |
| Leaf | width of blade | medium |
| Leaf | length of petiole | medium |
| Leaf | shape | narrow elliptic |
| Leaf | shape of apex | acute |
| Leaf | shape of base | cuneate |

| | | |
|--------|--------------------------------|-----------------|
| Leaf | curvature of longitudinal axis | recurved |
| Leaf | green colour | medium |
| Flower | diameter | large or medium |
| Petal | predominant colour | white |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------------|-----------------|
| 'Snow Crystals' | |

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 | 'Inbusnopr' | 'Snow Crystals' |
|---|---------------------|------------------------|
| <input type="checkbox"/> Plant: growth habit | spreading | spreading |
| <input type="checkbox"/> Leaf: type | simple | simple |
| <input type="checkbox"/> Leaf: size | medium | medium |
| <input type="checkbox"/> Leaf: attitude | semi-erect | semi-erect |
| <input type="checkbox"/> Leaf: arrangement | alternate | alternate |
| <input type="checkbox"/> Leaf: length of blade | medium | medium |
| <input type="checkbox"/> Leaf: width of blade | medium | medium |
| <input type="checkbox"/> Leaf: length of petiole | medium | medium |
| <input type="checkbox"/> Leaf: shape | elliptic | elliptic |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute |
| <input type="checkbox"/> Leaf: shape of base | cuneate | cuneate |
| <input type="checkbox"/> Leaf: curvature of longitudinal axis | recurved | recurved |
| <input type="checkbox"/> Leaf: green colour | medium | light to medium |
| <input type="checkbox"/> Leaf: primary colour (RHS colour chart) | 143A | 143A |
| <input checked="" type="checkbox"/> Flower: diameter | large | medium |
| <input type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart) | white | white |
| <input type="checkbox"/> Petal: incision | absent or very weak | absent or very weak |
| <input type="checkbox"/> Petal: undulation | absent or very weak | absent or very weak |
| <input type="checkbox"/> Petal: shape | rounded | rounded |
| Organ/Plant Part: Context | 'Inbusnopr' | 'Snow Crystals' |
| <input checked="" type="checkbox"/> Main stem: presence of red coloration in middle third | medium to strong | absent or very weak |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Canada | 2009 | Applied | 'Inbusnopr' |
| EU | 2009 | Applied | 'Inbusnopr' |
| US | 2009 | Granted | 'Inbusnopr' |

First sold in Europe in October 2007.

Description: **Pamela Berryman**, Aussie Winners, Redland Bay, QLD

Details of Application

| | |
|---------------------------|---|
| Application Number | 2005/278 |
| Variety Name | 'RS103-130' |
| Genus Species | <i>Malus domestica</i> |
| Common Name | Apple |
| Synonym | Nil |
| Accepted Date | 20 Dec 2005 |
| Applicant | State of Queensland through its Department of Primary Industries and Fisheries, Brisbane, QLD |
| Agent | N/A |
| Qualified Person | John Wilkie |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Applethorpe Research Station, Applethorpe, QLD |
| Descriptor | Apple (fruit varieties) (new) (<i>Malus domestica</i>) TG/14/9 |
| Period | 2006-2011 |
| Conditions | The comparative trial was located in one of the Applethorpe Research Station research orchards, covered by hail netting. The soil is a shallow grey granitic sandy loam with a base of decomposed granite. The comparative trial was planted in rows oriented north in Sep 2006, with 3.5m between the rows and 1.5m between trees within the rows. The trial was irrigated and fertilised to commercial standards with irrigation and some fertilisers applied using a drip irrigation system. The trial trees were trained to a central leader and dormant pruned annually. |
| Trial Design | The trial is a randomised complete block design with 10 replicates of each variety. |
| Measurements | Measurements were undertaken on 2 fruit or 3 vegetative organs per tree. |
| RHS Chart - edition | 1986 |

Origin and Breeding

Controlled Pollination: Conventional cross pollination was undertaken in 1993 as per the methods described in Janick & Moore (Eds) *Methods in Fruit Breeding*, with controlled pollination between 'Royal Gala' (female parent) and 'CPR7T90' (pollen parent). The fruit of Royal Gala were allowed to develop until mature, harvested and seeds extracted. These were vernalised for a period of up to twelve weeks (moist and at 2°C) until ready for germination. This produced a family of apple seedlings which were inoculated at the 3 – 5 leaf stage with a fungal suspension of apple black spot conidia (2.5×10^5 spores/mL) in order to cull susceptible seedlings. Resistant seedlings were field planted in Jul 1995 at Applethorpe Research Station, and 'RS103-130' selected in 1999 for fruit quality parameters of a striped red to block red colour, sweetness, crispness and low acidity. In 1996, scionwood was vegetatively propagated by top-working onto mature 'Royal Gala' trees on 'MM106' stock while concurrently bench-grafted to 'MM106' stock for nursery tree production. In subsequent years scionwood from the trees propagated in 1996 has been used to establish two major trial plantings: (1) a fruit production block (620 trees) at Applethorpe Research Station, and (2) an organic apple production block on the property of a Stanthorpe apple grower (I&L Rizzato & Sons, 625 trees). Fruiting at these two trial sites has

shown no evidence of off-types after two generations of vegetative propagation. Further to this, a budwood multiplication block (12 trees) on ‘Seedling’ and ‘MM106’ rootstocks has also been established at Applethorpe Research Station with no evidence of off-types. Breeder: Aldo Zeppa, Stanthorpe, 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 |
|------------------|------------------------------|---|
| Tree | type | ramified |
| Fruit | presence of stripes | present |
| Tree | type of bearing | spurs and long shoots |
| Fruit | hue of over colour | red |
| Time for | harvest | late to very late |
| Fruit | size | medium to large |
| Time of | beginning of flowering | early |
| Fruit | relative area of over colour | large |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------|--|
| ‘Braeburn’ | The ‘Braeburn’ trees used in the comparative trial were colloquially termed ‘Red Braeburn’ by the nursery that produced the trees, because they were produced using grafting wood taken from ‘Braeburn’ trees that produced slightly redder apples than the original ‘Braeburn’. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|--------------|--------------------------------|--|---|--|
| ‘Royal Gala’ | Time for harvest | late to very late | medium | ‘Royal Gala’ is the maternal parent of ‘RS103-130’ so was a potential comparator variety on those grounds. |
| CPR7T90 | Time for harvest | late to very late | very late | CPR7T90 is the pollen parent of RS103-130 so was a potential comparator variety on those grounds, however it reaches maturity approximately 3 weeks after RS103-130. |

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 | 'RS103-130' | 'Braeburn' |
|---|--|------------------------------|
| <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: length of internode | medium | medium |
| <input type="checkbox"/> *One-year-old shoot: number of lenticels | medium | medium |
| <input type="checkbox"/> *Leaf blade: attitude in relation to shoot | outwards | outwards |
| <input checked="" type="checkbox"/> *Leaf blade: length | short to medium | medium to long |
| <input type="checkbox"/> *Leaf blade: width | narrow to medium | narrow to medium |
| <input checked="" type="checkbox"/> *Leaf blade: ratio length/width | small to medium | medium to large |
| <input checked="" type="checkbox"/> *Petiole: length | short | medium |
| <input type="checkbox"/> *Flower: predominant colour at balloon stage | light pink | light pink |
| <input type="checkbox"/> *Flower: diameter with petals pressed into horizontal position | medium | medium |
| <input type="checkbox"/> *Flower: arrangement of petals | intermediate | intermediate |
| <input type="checkbox"/> *Fruit: size | medium to large | medium to large |
| <input type="checkbox"/> *Fruit: height | medium | medium |
| <input type="checkbox"/> *Fruit: diameter | medium to large | medium to large |
| <input type="checkbox"/> *Fruit: ratio height/diameter | medium | medium |
| <input type="checkbox"/> *Fruit: general shape | conic | conic |
| <input checked="" type="checkbox"/> *Fruit: size of eye | large | medium |
| <input type="checkbox"/> *Fruit: bloom of skin | absent or weak | absent or weak |
| <input type="checkbox"/> *Fruit: ground colour | yellow green | yellow green |
| <input type="checkbox"/> *Fruit: relative area of over colour | large | large |
| <input type="checkbox"/> *Fruit: hue of over colour with bloom removed | red | red |
| <input type="checkbox"/> *Fruit: intensity of over colour | medium to dark | medium to dark |
| <input type="checkbox"/> *Fruit: pattern of over colour | weakly defined flush with strongly defined stripes | flushed, striped and mottled |

| | | | |
|-------------------------------------|--|-------------------------|-------------------------|
| <input checked="" type="checkbox"/> | *Fruit: width of stripes | narrow | medium |
| <input type="checkbox"/> | *Fruit: area of russet around stalk attachment | medium | medium |
| <input type="checkbox"/> | *Fruit: area of russet around eye basin | absent or small | absent or small |
| <input type="checkbox"/> | *Fruit: length of stalk | short to medium | short to medium |
| <input type="checkbox"/> | *Fruit: thickness of stalk | medium | medium |
| <input type="checkbox"/> | *Fruit: depth of stalk cavity | medium | shallow to medium |
| <input type="checkbox"/> | *Fruit: width of stalk cavity | medium | medium |
| <input type="checkbox"/> | *Fruit: depth of eye basin | medium | medium |
| <input type="checkbox"/> | *Fruit: width of eye basin | medium | medium |
| <input type="checkbox"/> | *Fruit: firmness of flesh | firm to very firm | firm to very firm |
| <input type="checkbox"/> | *Fruit: colour of flesh | cream | cream |
| <input type="checkbox"/> | *Fruit: aperture of locules | closed or slightly open | closed or slightly open |
| <input type="checkbox"/> | *Time of: beginning of flowering | early | early |
| <input type="checkbox"/> | Time for: harvest | late to very late | late |
| <input type="checkbox"/> | *Time of: eating maturity | late to very late | late |

Statistical Table

| Organ/Plant Part: Context | 'RS103-130' | 'Braeburn' |
|--|--------------------|-------------------|
| <input checked="" type="checkbox"/> Fruit: width of stripes (mm) | | |
| Mean | 1.74 | 2.25 |
| Std. Deviation | 0.17 | 0.28 |
| LSD/sig | 0.26 | P≤0.01 |
| <input checked="" type="checkbox"/> Fruit: size of eye (mm) | | |
| Mean | 8.88 | 6.92 |
| Std. Deviation | 0.96 | 0.86 |
| LSD/sig | 1.04 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf blade: length (mm) | | |
| Mean | 78.64 | 87.31 |
| Std. Deviation | 4.41 | 5.57 |
| LSD/sig | 5.73 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf blade: ratio length/width | | |
| Mean | 1.66 | 1.80 |
| Std. Deviation | 0.05 | 0.09 |
| LSD/sig | 0.08 | P≤0.01 |
| <input checked="" type="checkbox"/> Petiole: length (mm) | | |
| Mean | 24.62 | 31.33 |
| Std. Deviation | 1.55 | 2.46 |
| LSD/sig | 2.34 | P≤0.01 |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2007 | Granted | 'RS103-130' |

Description: **John Wilkie**, Agri-Science Queensland, Stanthorpe, QLD

Details of Application

| | |
|---------------------------|----------------------------|
| Application Number | 2008/078 |
| Variety Name | 'GLOBE' |
| Genus Species | <i>Betula pendula</i> |
| Common Name | Birch |
| Synonym | Nil |
| Accepted Date | 20 May 2008 |
| Applicant | JFT Nurseries Pty Ltd, VIC |
| Agent | Nil |
| Qualified Person | Christopher Prescott |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Silvan, VIC (Latitude 37°50' South, 145°27' East, elevation 259m). |
| Descriptor | Birch (<i>Betula playtyphylla</i>) PBR BETU |
| Period | Aug 2009 – Apr 2011 |
| Conditions | Trial was conducted in an open field environment in the soil under a professional nursery practice regime. |
| Trial Design | Approximately 500 plants of the candidate and 300 plants of the comparator were grafted onto <i>Betula pedula</i> in rows, side by side in Aug 2009. |
| Measurements | Measurements were taken at random. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Spontaneous mutation: 'Globe' was a mutation found on a *Betula pendula* tree on the side of the road in 2002 by Colin James of JFT Nurseries Pty Ltd. The mutation was then grafted in the July of the same year and has subsequently been re-generated eight times prior to the plants used in the trial, and has been found to be stable with no off-types to date.

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 | very short |
| Leaf | shape | ovate |
| Plant | type | tree |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Youngii' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|-----------------------|---------------------------------------|--------|---|--|
| <i>Betula pendula</i> | Plant | height | very short | tall |
| Borossa Wintergreen | Plant | habit | globose | tall pendulous |

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 | ‘GLOBE’ | ‘Youngii’ |
|--|----------------|------------------|
| <input type="checkbox"/> Plant: type | tree | tree |
| <input checked="" type="checkbox"/> Plant: growth habit | globose | creeping |
| <input type="checkbox"/> Plant: size | very small | small |
| <input type="checkbox"/> Plant: height | very short | very short |
| <input checked="" type="checkbox"/> Plant: width | narrow | medium |
| <input checked="" type="checkbox"/> Leaf: size | very small | medium to large |
| <input checked="" type="checkbox"/> Leaf: attitude | horizontal | drooping |
| <input type="checkbox"/> Leaf: arrangement | alternate | alternate |
| <input checked="" type="checkbox"/> Leaf: length of blade | short | medium |
| <input checked="" type="checkbox"/> Leaf: width of blade | narrow | medium |
| <input checked="" type="checkbox"/> Leaf: length of petiole | short | long |
| <input type="checkbox"/> Leaf: shape | ovate | ovate |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute |
| <input type="checkbox"/> Leaf: shape of base | obtuse | obtuse |
| <input type="checkbox"/> Leaf: incision of margin | present | present |
| <input checked="" type="checkbox"/> Leaf: depth of incision | shallow | medium |
| <input checked="" type="checkbox"/> Leaf: type of incision | entire | toothed |
| <input checked="" type="checkbox"/> Leaf: undulation of the margin | very strong | weak to medium |
| <input checked="" type="checkbox"/> Leaf: green colour | dark | medium |
| <input type="checkbox"/> Leaf: colour (RHS colour chart) | N137A | N137C |

Prior Applications and Sales

Nil.

Description: **Christopher Prescott**, 145 Moores Road, Clyde, VIC.

Details of Application

| | |
|---------------------------|----------------------------------|
| Application Number | 2010/004 |
| Variety Name | 'GT-Cougar' |
| Genus Species | <i>Brassica napus</i> |
| Common Name | Canola |
| Synonym | Nil |
| Accepted Date | 26 Feb 2010 |
| Applicant | Nugrain Pty. Ltd, Laverton, VIC. |
| Agent | N/A |
| Qualified Person | Nelson Gororo |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Dahlen, Horsham, VIC |
| Descriptor | Rape Seed (<i>Brassica napus</i>) TG/36/6 corr. |
| Period | Jun-Dec 2010. |
| Conditions | Normal growing conditions. |
| Trial Design | Randomised complete block design, 3 replications, 6-row x 10m plots. |
| Measurements | Seedling character data collected in glasshouse. Mature plant measurements made on 20 random plants per replication from each of the 3 replications giving a total of 60 observations per variety. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: 'GT Cougar' was developed from a cross between a non-herbicide tolerant breeding line and GT94. The cross was made in a glasshouse at the Grains Innovation Park, Horsham in 2002. The F1 was put through microspore culture procedure. The resulting DH plants were bagged in the glasshouse to produce pure seed. In 2003, the DH lines were put through preliminary evaluated for blackleg resistance, maturity and seed quality. Due to the imposition of a moratorium on GM crops in most states of Australia in 2003, no further work was conducted on this material until 2006. In 2006 the material was grown in a Nugrain summer nursery in Orford, Victoria, to generate pure seed and trial seed for 2007 season. One line, C03GD-0631 was selected for further evaluation. In 2007, C03GD-0631 was coded NG0028 and trialled in Nugrain replicated field plots in 4 locations. NG0028 was entered into in-house Nugrain replicated multilocation trials and blackleg disease nurseries and was also evaluated for seed quality. In 2009, NG0028 was entered into NVT testing and was also continued in the Nugrain in-house multilocation replicated trials. In 2010, NG0028 was released for commercial cultivation as GT Cougar. Selection criteria: Tolerance to glyphosate herbicide, medium maturity, high yield potential, good blackleg resistance, high oil content and canola quality. Breeders: Gururaj Kadkol, Wayne Burton, Kate Light, Neil Wratten and Phil Salisbury

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Seed | erucic acid | absent |
| Leaf | lobes | present |

| | | | | |
|--------------------------|--|--------|--------|--------|
| <input type="checkbox"/> | Tendency to: form inflorescences in year of sowing for spring sown trials | strong | strong | strong |
| <input type="checkbox"/> | Tendency to: form inflorescences in year of sowing for late summer sown trials | strong | strong | strong |

Statistical Table

| Organ/Plant Part: Context | 'GT-Cougar' | 'GT MUSTANG' 'GT61' | |
|--|--------------------|----------------------------|--------|
| <input checked="" type="checkbox"/> Leaf: number of lobes | | | |
| Mean | 1.78 | 3.50 | 4.45 |
| Std. Deviation | 1.18 | 1.11 | 1.14 |
| LSD/sig | 0.41 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Flower: width (mm) | | | |
| Mean | 8.67 | 8.87 | 8.94 |
| Std. Deviation | 0.24 | 0.64 | 0.57 |
| LSD/sig | 0.20 | ns | P≤0.01 |
| <input type="checkbox"/> Siliqua: length (mm) | | | |
| Mean | 54.13 | 50.25 | 54.79 |
| Std. Deviation | 4.14 | 4.07 | 4.30 |
| LSD/sig | 1.43 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Siliqua: width (mm) | | | |
| Mean | 4.43 | 3.89 | 4.39 |
| Std. Deviation | 0.34 | 0.40 | 0.35 |
| LSD/sig | 0.12 | P≤0.01 | ns |
| <input type="checkbox"/> Siliqua: length of beak (mm) | | | |
| Mean | 12.47 | 9.39 | 12.61 |
| Std. Deviation | 0.83 | 1.28 | 1.54 |
| LSD/sig | 0.45 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Siliqua: length of peduncle (mm) | | | |
| Mean | 16.62 | 16.34 | 18.18 |
| Std. Deviation | 1.44 | 2.41 | 2.70 |
| LSD/sig | 0.84 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Flower: length (mm) | | | |
| Mean | 16.18 | 16.16 | 15.97 |
| Std. Deviation | 0.69 | 0.69 | 0.88 |
| LSD/sig | 0.26 | ns | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **Nelson Gororo** , Nuseed Pty Ltd, Horsham, VIC.

Details of Application

| | |
|---------------------------|---------------------------------|
| Application Number | 2010/005 |
| Variety Name | 'GT-Scorpion' |
| Genus Species | <i>Brassica napus</i> |
| Common Name | Canola |
| Synonym | Nil |
| Accepted Date | 26 Feb 2010 |
| Applicant | Nuseed Pty. Ltd, Laverton, VIC. |
| Agent | N/A |
| Qualified Person | Nelson Gororo |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Dahlen, Horsham, VIC. |
| Descriptor | Rape Seed (<i>Brassica napus</i>) TG/36/6 corr. |
| Period | Jun-Dec 2010. |
| Conditions | Normal growing conditions. |
| Trial Design | Randomised complete block design, 3 replications, 6-row x 10m plots. |
| Measurements | Seedling character data collected in glasshouse. Mature plant measurements made on 20 random plants per replication from each of the 3 replications giving a total of 60 observations per variety. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination. 'GT-Scorpion' was derived from a cross between 98-686G-009W and GT94. The cross was made in a glasshouse at the Grains Innovation Park, Horsham. The F1 was put through microspore culture procedure and the resulting DH plants were bagged in the glasshouse to produce pure seed. In 2002 the DH lines were evaluated for resistance to blackleg disease. In 2003, the DH lines were planted in preliminary field trials for initial observations. One DH line, designated C01GD-142 was selected for further work. Due to the imposition of a moratorium on GM crops in most states of Australia in 2003, no further work was conducted on this material until 2006. In 2006, the material was grown in a Nugrain summer nursery in Orford, VIC, to generate pure seed and trial seed for 2007 season. C01GD-142 was coded NG0195 and trialled in Nugrain replicated field plots in 4 locations. In 2008, NG0195 was entered into in-house Nugrain replicated multilocation trials and blackleg disease nurseries and was also evaluated for seed quality. In 2009, NG0195 was entered into NVT testing and was also continued in the Nugrain in-house multilocation replicated trials. In 2010, NG0195 was released for commercial cultivation as GT Scorpion. Selection criteria: tolerance to glyphosate herbicide, medium early maturity, high yield potential, good blackleg resistance, high oil content and canola quality. Breeders: Gururaj Kadkol, Wayne Burton, Kate Light, Neil Wratten and Phil Salisbury.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|------------------|--|
| Seed | erucic acid | absent |
| Flower | Colour of petals | yellow |

| | | |
|-------------|---|---------|
| Silique | length | medium |
| Leaf | lobes | present |
| Tendency to | form inflorescences in year of sowing for spring sown trials | strong |
| Tendency to | form inflorescences in year of sowing for late summer sown trials | strong |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|--|
| 'GT61' | Early maturing, medium height, glyphosate tolerant cultivar and susceptible to blackleg disease. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|---------------------------------------|---|--|
| 'AV-GARNET' | Plant herbicide tolerance | glyphosate tolerant | glyphosate susceptible |
| 'HYOLA 601RR' | Plant height | medium | 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 | 'GT-Scorpion' | 'GT61' |
|---|----------------------|---------------------|
| <input type="checkbox"/> *Seed: erucic acid | absent | absent |
| <input type="checkbox"/> Cotyledon: length | very short | very short to short |
| <input type="checkbox"/> Cotyledon: width | very narrow | narrow |
| <input type="checkbox"/> *Leaf: green colour | medium | medium |
| <input type="checkbox"/> *Leaf: lobes | present | present |
| <input type="checkbox"/> *Leaf: number of lobes | medium to many | many |
| <input type="checkbox"/> *Leaf: dentation of margin | medium | medium to strong |
| <input type="checkbox"/> Leaf: length | short | short to medium |
| <input checked="" type="checkbox"/> Leaf: width | narrow to medium | broad |
| <input type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only) | medium to long | short to medium |
| <input type="checkbox"/> *Time of: flowering | early to medium | early |
| <input type="checkbox"/> *Flower: colour of petals | yellow | yellow |
| <input type="checkbox"/> Flower: length of petals | medium to long | medium to long |
| <input checked="" type="checkbox"/> Flower: width of petals | narrow | broad to very broad |
| <input type="checkbox"/> Production of: pollen | present | present |
| <input type="checkbox"/> Plant: height | low to medium | medium |
| <input type="checkbox"/> *Plant: total length including side branches | short to medium | medium |
| <input type="checkbox"/> Silique: length | medium | medium |

| | | | |
|-------------------------------------|--|-----------|-----------------|
| <input checked="" type="checkbox"/> | Siliqua: length of beak | very long | short to medium |
| <input checked="" type="checkbox"/> | Siliqua: length of peduncle | very long | short to medium |
| <input type="checkbox"/> | Tendency to: form inflorescences in year of sowing for spring sown trials | strong | strong |
| <input type="checkbox"/> | Tendency to: form inflorescences in year of sowing for late summer sown trials | strong | strong |

Statistical Table

| Organ/Plant Part: Context | 'GT-Scorpion' | 'GT61' |
|--|----------------------|---------------|
| <input checked="" type="checkbox"/> Cotyledon: length (mm) | | |
| Mean | 10.13 | 11.58 |
| Std. Deviation | 1.08 | 0.93 |
| LSD/sig | 0.35 | P≤0.01 |
| <input checked="" type="checkbox"/> Lobes: number of lobes | | |
| Mean | 4.02 | 4.45 |
| Std. Deviation | 0.97 | 1.14 |
| LSD/sig | 0.41 | P≤0.01 |
| <input checked="" type="checkbox"/> Flower: length (mm) | | |
| Mean | 15.63 | 15.97 |
| Std. Deviation | 0.92 | 0.88 |
| LSD/sig | 0.26 | P≤0.01 |
| <input checked="" type="checkbox"/> Flower: width (mm) | | |
| Mean | 7.82 | 8.94 |
| Std. Deviation | 0.62 | 0.57 |
| LSD/sig | 0.20 | P≤0.01 |
| <input checked="" type="checkbox"/> Plant: height (m) | | |
| Mean | 0.90 | 1.12 |
| Std. Deviation | 0.08 | 0.09 |
| LSD/sig | 0.032 | P≤0.01 |
| <input type="checkbox"/> Siliqua: length of beak (mm) | | |
| Mean | 12.24 | 12.61 |
| Std. Deviation | 1.44 | 1.54 |
| LSD/sig | 0.45 | ns |
| <input checked="" type="checkbox"/> Siliqua: length of peduncle (mm) | | |
| Mean | 20.52 | 18.18 |
| Std. Deviation | 2.88 | 2.70 |
| LSD/sig | 0.84 | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **Nelson Gororo** , Nuseed Pty Ltd, Horsham, VIC.

Details of Application

| | |
|---------------------------|----------------------------------|
| Application Number | 2010/006 |
| Variety Name | 'GT-Mustang' |
| Genus Species | <i>Brassica napus</i> |
| Common Name | Canola |
| Synonym | Nil |
| Accepted Date | 26 Feb 2010 |
| Applicant | Nugrain Pty. Ltd, Laverton, VIC. |
| Agent | N/A |
| Qualified Person | Nelson Gororo |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Dahlen, Horsham, VIC |
| Descriptor | Rape Seed (<i>Brassica napus</i>) TG/36/6 corr. |
| Period | Jun-Dec 2010. |
| Conditions | Normal growing conditions. |
| Trial Design | Randomised complete block design, 3 replications, 6-row x 10m plots. |
| Measurements | Seedling character data collected in glasshouse. Mature plant measurements made on 20 random plants per replication from each of the 3 replications giving a total of 60 observations per variety. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: GT-Mustang was derived from a cross between AV Sapphire and 'GT61' was made in a glasshouse at the Grains Innovation Park, Horsham. The F1 was put through microspore culture procedure. The resulting DH plants were bagged in the glasshouse to produce pure seed. In 2003, the DH lines were put through preliminary evaluation for blackleg resistance, maturity and seed quality. Due to the imposition of a moratorium on GM crops in most states of Australia in 2003, no further work was conducted on this material until 2006. In 2006 the material was grown in a Nugrain summer nursery in Orford, VIC, to generate pure seed and trial seed for 2007 season. The resulting DH plants were bagged in the glasshouse to produce pure seed. One line, C03GD-0914 was selected for further evaluation. In 2007, C03GD-0914 was coded NG0157 and trialled in Nugrain replicated field plots in 4 locations. In 2008, NG0157 was entered into in-house Nugrain replicated multilocation trials and blackleg disease nurseries and was also evaluated for seed quality. In 2009, NG0157 was entered into NVT testing and was also continued in the Nugrain in-house multilocation replicated trials. In 2010, NG0157 was released for commercial cultivation as GT Mustang. Selection criteria: tolerance to glyphosate herbicide, medium maturity, high yield potential, good blackleg resistance, high oil content and canola quality. Breeders: Gururaj Kadkol, Wayne Burton, Kate Light, Neil Wratten and Phil Salisbury.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---------------------|--|
| Seed | erucic acid | absent |
| Leaf | dentation of margin | long |

Production of pollen present

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|--|
| 'GT COUGAR' | Medium maturity, medium height, glyphosate tolerant cultivar and moderately resistant to blackleg disease. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|---------------------------------------|---|--|
| 'GT61' | Flower maturity | medium to late | early |
| 'HYOLA 601RR' | Plant height | medium | tall |
| 'AV-GARNET' | Plant herbicide tolerance | glyphosate tolerant | glyphosate susceptible |

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

| Organ/Plant Part: Context | 'GT-Mustang' | 'GT COUGAR' |
|--|---------------------|---------------------|
| <input type="checkbox"/> *Seed: erucic acid | absent | absent |
| <input checked="" type="checkbox"/> Cotyledon: length | very short | medium to long |
| <input checked="" type="checkbox"/> Cotyledon: width | narrow | very broad |
| <input type="checkbox"/> *Leaf: green colour | medium | medium |
| <input type="checkbox"/> *Leaf: lobes | present | present |
| <input type="checkbox"/> *Leaf: number of lobes | medium | very few |
| <input type="checkbox"/> *Leaf: dentation of margin | medium | medium |
| <input type="checkbox"/> Leaf: length | short to medium | medium to long |
| <input type="checkbox"/> Leaf: width | very narrow | narrow |
| <input type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only) | short to medium | medium to long |
| <input type="checkbox"/> *Time of: flowering | medium to late | medium |
| <input type="checkbox"/> *Flower: colour of petals | yellow | yellow |
| <input type="checkbox"/> Leaf: dentation of margin | long | long |
| <input type="checkbox"/> Flower: width of petals | very broad | broad to very broad |
| <input type="checkbox"/> Production of: pollen | present | present |
| <input type="checkbox"/> Plant: height | medium | medium |
| <input type="checkbox"/> *Plant: total length including side branches | medium | medium |
| <input checked="" type="checkbox"/> Siliqua: length | short | medium |
| <input type="checkbox"/> Siliqua: length of beak | medium to long | very long |
| <input type="checkbox"/> Siliqua: length of peduncle | very short to short | very short to short |
| <input type="checkbox"/> Tendency to: form inflorescences in year of sowing for spring sown trials | strong | strong |

Tendency to: form inflorescences in year of sowing for late summer sown trials strong strong

Statistical Table

| Organ/Plant Part: Context | 'GT-Mustang' | 'GT COUGAR' |
|---|---------------------|--------------------|
| <input checked="" type="checkbox"/> Leaf: number of lobes | | |
| Mean | 3.50 | 1.78 |
| Std. Deviation | 1.11 | 1.18 |
| LSD/sig | 0.41 | P≤0.01 |
| <input checked="" type="checkbox"/> Siliqua: length (mm) | | |
| Mean | 50.25 | 54.13 |
| Std. Deviation | 4.07 | 4.14 |
| LSD/sig | 1.43 | P≤0.01 |
| <input checked="" type="checkbox"/> Siliqua: width (mm) | | |
| Mean | 3.89 | 4.43 |
| Std. Deviation | 0.40 | 0.34 |
| LSD/sig | 0.12 | P≤0.01 |
| <input type="checkbox"/> Siliqua: length of beak (mm) | | |
| Mean | 9.39 | 12.47 |
| Std. Deviation | 1.28 | 0.83 |
| LSD/sig | 0.45 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: length (mm) | | |
| Mean | 78.26 | 86.28 |
| Std. Deviation | 12.72 | 16.04 |
| LSD/sig | 6.14 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: width (mm) | | |
| Mean | 53.29 | 57.77 |
| Std. Deviation | 6.75 | 6.18 |
| LSD/sig | 2.68 | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **Nelson Gororo** , Nuseed Pty Ltd, Horsham, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2010/064 |
| Variety Name | 'Vampire' |
| Genus Species | <i>Secale cereale</i> |
| Common Name | Cereal Rye |
| Synonym | Nil |
| Accepted Date | 19 Aug 2010 |
| Applicant | The University of Sydney, Sydney, NSW and Grains Research and Development Corporation, Barton, ACT |
| Agent | N/A |
| Qualified Person | Jeremy Roake |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Plant Breeding Institute, Cobbitty, NSW |
| Descriptor | Rye (<i>Secale cereale</i>) TG/58/6 |
| Period | 1 Aug 2009 – 1 Sep 2009 |
| Conditions | 30 seed per line were planted in 2.5 x 2.5 cm tubes. Seed were sown at approximately 1 cm deep, and placed in the glasshouse at 20° Celsius, with 12 hours of artificial lights. |
| Trial Design | Completely Randomised Design, 3 Replicates, Plots 5 m row plots, 30 cm row spacing. |
| Measurements | For seedling trial measurements were taken on 10 seedlings per replicate. For field trial 20 randomly selected plants per replicate |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: European winter rye varieties (TP3/Jec, Danko, Rapid, Halo) were hand-crossed to University of Sydney spring rye lines (TR/P3//CP Rye, CP Rye/P10 Resein, IP 116). These lines were grown as isolated S1 plants. The S2 seed of each individual line was sown in isolated plots, and selections were taken on the basis of rye stem and leaf rust resistance. The S3 individual plants were planted as half-sibs in rows, with all lines grown together. The rows were selected for plant type and rust resistance, and individual plants were harvested from the rows as half-sibs in 2000. In 2001, the half-sibs lines were planted as a row, and the whole plot was harvested. One-hundred and twenty half-sib rows were yield tested at Cowra in 2002. From the yield results, the best twelve lines from previous years seed were bulked, and sown in an isolated area to produce the synthetic rye line (Syn 1 generation) and called HP Rye. The Synthetic-1 generation were again sown in isolation to produce the Synthetic-2 generation. The synthetic-2 generation of HP Rye underwent yield trials at Cowra in 2005-2009, where it was 5-10% better yielding than Rysun. Subsequent seed production occurred in isolation from 2005 to 2009 to produce the seed. Breeder: Jeremy Roake, The University of Sydney, Plant Breeding Institute, Cobbitty, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Ploidy | | diploid |
| Plant | growth habit | semi-erect |

Seasonal type

spring

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------|----------|
| 'Westwood' | |
| 'Rysun' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|---------|--------------------------------|--|---|
| 'Bevy' | Plant height | long | segregating 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 | 'Vampire' | 'Rysun' | 'Westwood' |
|--|---------------------|-------------------|-------------------|
| <input type="checkbox"/> *Ploidy: | diploid | diploid | diploid |
| <input type="checkbox"/> Grain: colour of aleurone layer | dark | dark | dark |
| <input type="checkbox"/> *Coleoptile: anthocyanin colouration | absent or very weak | very weak to weak | very weak to weak |
| <input checked="" type="checkbox"/> Coleoptile: length | long | medium | medium |
| <input checked="" type="checkbox"/> First leaf: length of sheath | long | medium | medium to long |
| <input checked="" type="checkbox"/> First leaf: length of blade | long | medium | short to medium |
| <input type="checkbox"/> *Plant: growth habit | semi-erect | semi-erect | semi-erect |
| <input type="checkbox"/> *Flag leaf: glaucosity of sheath | weak | weak | weak |
| <input type="checkbox"/> *Time of: ear emergence | medium | medium | medium |
| <input type="checkbox"/> *Ear: glaucosity | medium | medium | medium |
| <input type="checkbox"/> *Stem: hairiness below ear | medium | medium | medium |
| <input type="checkbox"/> *Ear: density | medium | medium | medium |
| <input type="checkbox"/> *Plant: length | long | long | long |
| <input type="checkbox"/> *Grain: weight per thousand grains | medium | medium | medium |
| <input type="checkbox"/> *Grain: length | medium | medium | medium |
| <input type="checkbox"/> *Seasonal type: | spring | spring | spring |

Statistical Table

| Organ/Plant Part: Context | 'Vampire' | 'Rysun' | 'Westwood' |
|---|-----------|---------|------------|
| <input checked="" type="checkbox"/> Coleoptile: length (mm) | | | |
| Mean | 33.15 | 27.85 | 30.00 |
| Std. Deviation | 3.83 | 4.97 | 5.46 |
| LSD/sig | 2.9 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> First leaf: length of sheath (mm) | | | |
| Mean | 60.15 | 52.85 | 53.55 |
| Std. Deviation | 5.33 | 8.28 | 6.83 |

| | | | |
|--|--------|--------|--------|
| LSD/sig | 3.86 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> First leaf: length of blade (mm) | | | |
| Mean | 136.05 | 127.15 | 118.45 |
| Std. Deviation | 17.46 | 18.26 | 22.22 |
| LSD/sig | 11.17 | ns | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **Jeremy Roake**, The University of Sydney, Plant Breeding Institute, Cobbitty, NSW.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/042 |
| Variety Name | 'Sterling' |
| Genus Species | <i>Schlumbergera truncata</i> |
| Common Name | Christmas Cactus |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Tillington House Pty Ltd, Coffs Harbour, NSW |
| Agent | N/A |
| Qualified Person | Tony Brindley |

Details of Comparative Trial

| | |
|---------------------|--|
| Location | SANDY BEACH NSW 2456 |
| Descriptor | Christmas Cactus (<i>Schlumbergera</i>) TG/101/3 |
| Period | Sep 2009 – Jun 2010 |
| Conditions | Plants raised in peat and bark mixture in 75mm pots under 75% shadecloth; watered as required; nutrition maintained with slow release fertiliser and regular liquid fertiliser applications through growing period; pest and disease treatments applied as required. |
| Trial Design | 20 unreplicated plants grown in random in a commercial shadehouse. |
| Measurements | Measurements taken from 10 plants at random. One sample per pot. |

RHS Chart - edition**Origin and Breeding**

Controlled pollination The seedlings were raised from seeds resulting from cross pollination of ZH8652 and ZH61H3. The candidate variety was selected from the tray on seedlings based on flower colour, flower shape and growth habit. Propagation: vegetative though several generations. Breeder B.L. Cobia, Winter Garden, Florida, 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 |
|-------------------------|----------------------------|--|
| Flower | length | long |
| Flower | limb | flat |
| Phyllocade | type of incision of margin | serrate |
| Stigma | colour | purple |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|-----------------|
| 'St Charles' | PBR 1535 |

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 | 'Sterling' | 'St Charles' |
|--|-------------------|---------------------|
| <input type="checkbox"/> Plant: growth habit | semi-upright | upright |

| | | | |
|-------------------------------------|---|----------------------------|----------------------------|
| <input type="checkbox"/> | *Plant: number of phylloclades of 3rd order | few to medium | few |
| <input type="checkbox"/> | *Phylloclade: length | medium | long |
| <input type="checkbox"/> | *Phylloclade: maximum width | medium | medium to broad |
| <input type="checkbox"/> | Phylloclade: colour | medium green to dark green | medium green to dark green |
| <input type="checkbox"/> | *Phylloclade: type of incision of margin | serrate | serrate |
| <input type="checkbox"/> | *Phylloclade: depth of incisions of margin | medium | medium |
| <input type="checkbox"/> | Phylloclade: curvature in cross section | medium | medium |
| <input type="checkbox"/> | Phylloclade: undulation of margin | medium | medium to strong |
| <input type="checkbox"/> | *Bud: colour of tip of 1.0 cm long bud | pink | pink |
| <input type="checkbox"/> | Bud: intensity of colour of top of 1.0 cm long bud | medium | medium |
| <input type="checkbox"/> | *Bud: shape of tip of 1.5 cm long bud | obtuse | obtuse |
| <input type="checkbox"/> | *Flower: width | medium to broad | medium to broad |
| <input type="checkbox"/> | *Flower: length | long | long |
| <input type="checkbox"/> | Flower: limb | flat | flat |
| <input type="checkbox"/> | *Corolla lobe: width | broad | broad |
| <input type="checkbox"/> | *Corolla lobe: size of macule in relation to size of lobe | large | large |
| <input checked="" type="checkbox"/> | *Corolla lobe: colour of macule (RHS colour chart) | RHS 80D | RHS 71D |
| <input type="checkbox"/> | *Corolla lobe: middle zone | present | present |
| <input type="checkbox"/> | *Corolla lobe: colour of middle zone | pink | pink |
| <input type="checkbox"/> | Corolla lobe: border between zones | diffuse | diffuse |
| <input type="checkbox"/> | *Corolla lobe: size of marginal zone | large | large |
| <input type="checkbox"/> | *Corolla lobe: colour of marginal zone (RHS colour chart) | RHS 74A | RHS 74A |
| <input type="checkbox"/> | Corolla tube: shape of mouth | broad elliptic | broad elliptic |
| <input type="checkbox"/> | Corolla tube: coloured ring at the mouth | present | present |
| <input type="checkbox"/> | Corolla tube: width of coloured ring at the mouth | broad | broad |
| <input type="checkbox"/> | Stamen: length beyond the mouth | long | long |
| <input checked="" type="checkbox"/> | Stamen: colour of filament | pink | purple |
| <input type="checkbox"/> | Pistil: length beyond the mouth | long | long |
| <input type="checkbox"/> | Stigma: colour | purple | purple |
| <input type="checkbox"/> | Ovary: colour | green | green |
| <input checked="" type="checkbox"/> | Time of: beginning of flowering | early | late |
| <input type="checkbox"/> | Duration of: flowering | medium to long | medium to long |

Statistical Table

| Organ/Plant Part: Context | 'Sterling' | 'St Charles' |
|---|-------------------|---------------------|
| <input type="checkbox"/> Flower: width (mm) | | |
| Mean | 71.20 | 71.30 |
| Std. Deviation | 0.35 | 0.76 |
| LSD/sig | 0.73 | ns |
| <input type="checkbox"/> Tepal blade: width (mm) | | |
| Mean | 15.40 | 16.30 |
| Std. Deviation | 0.50 | 0.14 |
| LSD/sig | 0.20 | P≤0.01 |
| <input checked="" type="checkbox"/> Flower : length from ovary to top of petal (mm) | | |
| Mean | 78.50 | 81.90 |
| Std. Deviation | 2.62 | 2.49 |
| LSD/sig | 0.43 | P≤0.01 |
| <input type="checkbox"/> Flower: length from ovary to top of stigma (mm) | | |
| Mean | 80.80 | 81.00 |
| Std. Deviation | 2.57 | 0.20 |
| LSD/sig | 0.42 | ns |
| <input type="checkbox"/> Tepal blade: length (mm) | | |
| Mean | 31.10 | 32.10 |
| Std. Deviation | 1.00 | 0.19 |
| LSD/sig | 0.32 | P≤0.01 |
| <input type="checkbox"/> Phylloclade: length (mm) | | |
| Mean | 44.60 | 55.50 |
| Std. Deviation | 1.41 | 0.31 |
| LSD/sig | 0.46 | P≤0.01 |
| <input type="checkbox"/> Phylloclade: width (mm) | | |
| Mean | 34.60 | 37.90 |
| Std. Deviation | 1.10 | 0.29 |
| LSD/sig | 0.55 | P≤0.01 |

Prior Applications and Sales

Nil.

First sold in Australia in May 2008

Description: **Tony Brindley**, Coffs Harbour, NSW.

Details of Application

| | |
|---------------------------|---|
| Application Number | 2008/312 |
| Variety Name | 'WES05' |
| Genus Species | <i>Westringia fruticosa</i> |
| Common Name | Coastal Rosemary |
| Synonym | Nil |
| Accepted Date | 15 Sep 2009 |
| Applicant | NuFlora International Pty Ltd, Macquarie field, NSW |
| Agent | Ozbreed Pty Ltd, Clarendon, NSW |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Clarendon, NSW |
| Descriptor | <i>Westringia</i> (<i>Westringia</i>) |
| Period | Sep 2010 to Apr 2011 |
| Conditions | Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | From ten plants at random |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: *Westringia fruticosa* × 'White Rambler'. The seed parent is characterised by a tall plant height, a white flower colour and a medium leaf width. The pollen parent is characterised by a white flower colour, prostrate plant growth habit and very short plant height. Selection took place in Cobbitty, NSW in 2003. Selection criteria: spreading plant habit; vigorous growth in landscape; white flowers; grey leaf colour. Propagation: vegetative, cuttings are found to be uniform and stable. Breeder: Graham Brown, Pennant Hills, NSW. All work was carried out at Cobbitty, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-----------------------------|--|
| Leaf | upper side hairiness | very weak to weak |
| Leaf | lower side hairiness colour | whitish |
| Leaf | upper side hairs type | simple |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------------|-----------------|
| 'White Rambler' | Parent 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 |
|----------------|---------------------------------------|---|--|-----------------|
| 'Zena' | Plant height | short to very short | medium | |

| | | | | |
|-----------------|-----------------|--------|-------|------------------------------|
| 'Seafoam White' | Flower diameter | medium | broad | Plant height is also taller. |
| Jervis Gem | Plant height | medium | short | |

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

| Organ/Plant Part: Context | 'WES05' | 'White Rambler' |
|---|----------------------------|----------------------------|
| <input checked="" type="checkbox"/> Plant: growth habit | bush | prostrate |
| <input checked="" type="checkbox"/> Plant: attitude of branches | erect to semi-erect | prostrate |
| <input type="checkbox"/> Plant: height | short to very short | short |
| <input type="checkbox"/> Stem: colour (RHS colour chart) | 146D with anthocyanin 187A | 146D with anthocyanin 187A |
| <input checked="" type="checkbox"/> Stem: hairiness | strong | weak |
| <input type="checkbox"/> Stem: colour of hairs | whitish | whitish |
| <input type="checkbox"/> Stem: hairs (type) | pilose | pilose |
| <input type="checkbox"/> Leaf: length | medium | medium |
| <input checked="" type="checkbox"/> Leaf: width | broad | narrow |
| <input checked="" type="checkbox"/> Leaf: shape | narrow elliptic | linear |
| <input type="checkbox"/> Leaf: apex | acute | acute |
| <input type="checkbox"/> Leaf: base | cuneate | cuneate |
| <input type="checkbox"/> Leaf: arrangement | whorled | whorled |
| <input type="checkbox"/> Leaf: upper side hairiness | very weak to weak | very weak to weak |
| <input type="checkbox"/> Leaf: upper side hairiness colour | whitish | whitish |
| <input type="checkbox"/> Leaf: upper side colour (RHS chart) | 146A | 146B |
| <input type="checkbox"/> Leaf: upper side hairs type | simple | simple |
| <input type="checkbox"/> Leaf: lower side hairiness | strong to very strong | strong |
| <input type="checkbox"/> Leaf: lower side hairiness colour | whitish | whitish |
| <input type="checkbox"/> Leaf: lower side colour (RHS chart) | ca N155D | ca N155D |
| <input type="checkbox"/> Leaf: lower side hairs type | solitary | solitary |

Statistical Table

| Organ/Plant Part: Context | 'WES05' | 'White Rambler' |
|--|----------------|------------------------|
| <input checked="" type="checkbox"/> Plant: height (cm) | | |
| Mean | 29.30 | 21.40 |
| Std. Deviation | 3.70 | 4.50 |
| LSD/sig | 5.31 | P≤0.01 |
| <input type="checkbox"/> Leaf: length (mm) | | |
| Mean | 17.24 | 16.60 |

| | | |
|--|------|--------|
| Std. Deviation | 1.80 | 0.90 |
| LSD/sig | 1.80 | ns |
| <input checked="" type="checkbox"/> Leaf: width (mm) | | |
| Mean | 3.08 | 2.37 |
| LSD. Deviation | 0.30 | 0.30 |
| Lsd/sig | 0.39 | P≤0.01 |

Prior Applications and Sales

Nil.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2008/311 |
| Variety Name | 'WES01' |
| Genus Species | <i>Westringia</i> hybrid |
| Common Name | Coastal Rosemary |
| Synonym | Nil |
| Accepted Date | 15 Sep 2009 |
| Applicant | NuFlora International Pty Ltd, Macquarie field, NSW |
| Agent | Ozbreed Pty Ltd, Clarendon, NSW |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Clarendon, NSW |
| Descriptor | <i>Westringia</i> (<i>Westringia</i>) |
| Period | September 2010 to April 2011 |
| Conditions | Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | From ten plants at random |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: *W. fruticosa* x *W. glabra*. The seed parent is characterised by a white flower colour and a medium leaf width. The pollen parent is characterised by a blue-mauve flower colour. Selection took place in Cobbitty, NSW in 2003. Selection criteria: glossy dark green leaves; broad leaf width; acute branch angles; erect main stems, strong basal branching. Propagation: vegetative, cuttings are found to be uniform and stable. Breeder: Graham Brown, Pennant Hills, NSW. All work was carried out at Cobbitty, NSW.

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

| | | |
|-------|----------------------|---------------------|
| Plant | growth habit | upright |
| Plant | attitude of branches | erect to semi-erect |
| Leaf | shape | narrow elliptic |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------------|----------|
| 'Glabra Cadabra' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|--------------------|--------------------------------|--|---|-------------------------------|
| 'Poorinda Parvane' | Plant height | medium | tall | Flower colour is violet blue. |

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 | ‘WES01’ | ‘Glabra Cadabra’ |
|---|----------------------------|--|
| <input type="checkbox"/> Plant: growth habit | upright | upright |
| <input type="checkbox"/> Plant: attitude of branches | erect to semi-erect | erect to semi-erect |
| <input checked="" type="checkbox"/> Plant: height | medium | tall |
| <input checked="" type="checkbox"/> Stem: colour (RHS colour chart) | 146C with anthocyanin 187A | 144A with anthocyanin at nodes only 187A |
| <input checked="" type="checkbox"/> Stem: hairiness | strong | medium |
| <input type="checkbox"/> Stem: colour of hairs | whitish | whitish |
| <input type="checkbox"/> Stem: hairs (type) | pilose | pilose |
| <input type="checkbox"/> Leaf: length | medium | medium |
| <input type="checkbox"/> Leaf: width | broad | broad |
| <input type="checkbox"/> Leaf: shape | narrow elliptic | narrow elliptic |
| <input type="checkbox"/> Leaf: apex | acute | acute |
| <input type="checkbox"/> Leaf: base | cuneate | cuneate |
| <input type="checkbox"/> Leaf: arrangement | whorled | whorled |
| <input type="checkbox"/> Leaf: upper side hairiness | very weak to weak | very weak to weak |
| <input type="checkbox"/> Leaf: upper side hairiness colour | whitish | whitish |
| <input type="checkbox"/> Leaf: upper side colour (RHS chart) | N137D | N137D |
| <input type="checkbox"/> Leaf: upper side hairs type | simple | simple |
| <input checked="" type="checkbox"/> Leaf: lower side hairiness | strong to very strong | very weak to weak |
| <input type="checkbox"/> Leaf: lower side hairiness colour | whitish | whitish |
| <input checked="" type="checkbox"/> Leaf: lower side colour (RHS chart) | ca NN155D | 144A |
| <input type="checkbox"/> Leaf: lower side hairs type | solitary | solitary |

Statistical Table

| Organ/Plant Part: Context | ‘WES01’ | ‘Glabra Cadabra’ |
|--|----------------|-------------------------|
| <input checked="" type="checkbox"/> Plant: height (cm) | | |
| Mean | 34.70 | 60.60 |
| Std. Deviation | 3.70 | 6.40 |
| LSD/sig | 6.05 | P \leq 0.01 |
| <input type="checkbox"/> Leaf: length (mm) | | |
| Mean | 18.30 | 18.40 |
| Std. Deviation | 1.00 | 2.30 |
| LSD/sig | 2.27 | ns |
| <input checked="" type="checkbox"/> Leaf: width (mm) | | |

| | | |
|----------------|------|--------|
| Mean | 3.61 | 4.40 |
| Std. Deviation | 0.30 | 0.30 |
| LSD/sig | 0.34 | P≤0.01 |

Prior Applications and Sales

Nil.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/059 |
| Variety Name | 'CandyCones' |
| Genus Species | <i>Isopogon</i> hybrid |
| Common Name | Conebush |
| Synonym | Nil |
| Accepted Date | 11 Jun 2009 |
| Applicant | Phillip Dowling, Mount Gambier, SA |
| Agent | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Wonga Park, VIC |
| Descriptor | PBR General Descriptor |
| Period | Apr 2010 – Apr 2011 |
| Conditions | Trial conducted in the open, plants transferred from tubes to 140mm pots in Apr 2010. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Seedling selection - occurred at Benara Rd, Mount Gambier SA during Aug 2005 in a seed raised production crop of *Isopogon latifolius*. Commercial seed was purchased from a supplier where their *Isopogon latifolius* stock plants were exposed to pollination from other species in proximity including *Isopogon formosus* (suspected pollen parent due to the similarities in leaf characteristics). The seed was sown and raised in 2004 where one seedling was observed with different leaf characteristics. This plant was then isolated and grown to flowering maturity where it was selected for in Aug 2005 with the following selection criteria: plant habit bushy, plant height medium, leaf shape divided. 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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------------|--|
| Leaf | shape of margin | divided |
| Plant | growth habit | bushy |
| Plant | height | medium (1-3m) |
| Plant | attitude of branches | erect to semi-erect |
| Leaf | shape of lobe | linear |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------------------|-----------------|
| <i>Isopogon formosus</i> | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------------------|--------------------------------|-----------------|--|---|
| 'Pink Profusion' | plant | height | medium (1-3m) | short (<1m) |
| <i>Isopogon latifolius</i> | leaf | shape of margin | divided | entire |

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 | 'CandyCones' | <i>Isopogon formosus</i> |
|---|--|--|
| <input type="checkbox"/> Plant: growth habit | bushy | bushy |
| <input type="checkbox"/> Plant: height | medium (1-3m) | medium (1-3m) |
| <input type="checkbox"/> Plant: attitude of branches | erect to semi-erect | erect to semi-erect |
| <input type="checkbox"/> Leaf: density of hairiness on upper side | absent or very sparse | absent or very sparse |
| <input type="checkbox"/> Leaf: shape of blade outline | obovate | obovate |
| <input type="checkbox"/> Leaf: depth of division of blade | sinus greater than two thirds of way to midrib | sinus greater than two thirds of way to midrib |
| <input checked="" type="checkbox"/> Leaf: number of lobes | few to medium | many (> 20) |
| <input type="checkbox"/> Leaf: position of division of blade | up to full length of margin | up to full length of margin |
| <input checked="" type="checkbox"/> Leaf: regularity of lobing | irregular | regular |
| <input type="checkbox"/> Leaf: shape of apex of sinus | pointed | pointed |
| <input type="checkbox"/> Lobe: shape of apex of ultimate lobe | pointed | pointed |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'CandyCones' | <i>Isopogon formosus</i> |
|---|-------------------|--------------------------|
| <input checked="" type="checkbox"/> Plant: density of leaves | medium | dense |
| <input checked="" type="checkbox"/> Stem: degree of anthocyanin colouration of new growth | weak | medium to strong |
| <input checked="" type="checkbox"/> Leaf: length (from middle section of branch) | medium | short |
| <input type="checkbox"/> Leaf: colour of upper side (RHS colour chart) | yellow-green 146A | yellow-green 146A |
| <input type="checkbox"/> Leaf: shape of margin | divided | divided |
| <input type="checkbox"/> Leaf: shape of lobe | linear | linear |
| <input type="checkbox"/> Stem: degree of hairiness | very weak | weak |

Prior Applications and Sales

Prior Application: Nil

First sold in Australia in May 2008.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2010/264 |
| Variety Name | 'Sicot 75BRF' |
| Genus Species | <i>Gossypium hirsutum</i> |
| Common Name | Cotton |
| Synonym | Nil |
| Accepted Date | 01 Dec 2010 |
| Applicant | Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT and Cotton Seeds Distributors Ltd, Wee Waa, NSW |
| Agent | N/A |
| Qualified Person | Warwick Stiller |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Australian Cotton Research Institute, Narrabri, NSW |
| Descriptor | Cotton (<i>Gossypium</i>) TG/88/6 |
| Period | 2010/11 summer |
| Conditions | Field grown irrigated trial with conventional management. |
| Trial Design | 4 entry trial in a row and column design with six replicates and two rows x 14m plots. |
| Measurements | Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 1000 instrument. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: seed parent 'Sicot 75' x pollen parent line 64625F1 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri, NSW. The seed parent line 'Sicot 75' is distinguished from 'Sicot 75BRF' by its lack of Cry 1Ac, Cry 2Ab and CP4 protein expression (Roundup Ready Flex gene). The pollen parent line 64625F1 is distinguished from 'Sicot 75BRF' by its segregation for Cry 1Ac and Cry 2Ab protein expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: Cry1Ac, Cry2Ab and Roundup Ready Flex genes, plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint %, fibre quality and yield. Breeders: Dr Warwick Stiller, Mr Peter Reid and Dr Greg Constable, CSIRO, Narrabri NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|--------------------|-------------------------------|---|
| Flower | colour of petal | cream |
| Leaf | shape | palmate |
| Leaf | nectaries | present |
| Boll | shape in longitudinal section | ovate |
| Boll | time of opening | medium to late |
| Leaf | pubescence | weak |
| Plant | Cry1Ac protein expression | present |
| Plant | Cry2Ab protein expression | present |
| Plant | CP4 protein expression | present |
| Disease resistance | bacterial blight | resistant |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|---------------|----------|
| 'Sicot 71BRF' | |
| 'Sicot 74BRF' | |

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

| Organ/Plant Part: Context | 'Sicot 75BRF' | 'Sicot 71BRF' | 'Sicot 74BRF' |
|---|---------------------|---------------------|---------------------|
| <input type="checkbox"/> *Flower: colour of petal | cream | cream | cream |
| <input type="checkbox"/> Flower: intensity of spot on petal | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Flower: colour of pollen | cream | cream | cream |
| <input type="checkbox"/> Flower: position of stigma relative to anthers | above | above | above |
| <input type="checkbox"/> Fruiting branch: length | medium | short to medium | short to medium |
| <input type="checkbox"/> *Plant: type of flowering | non-clustered | semi-clustered | semi-clustered |
| <input checked="" type="checkbox"/> Fruiting branch: average internode length | medium | short to medium | short to medium |
| <input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch | medium | medium | medium |
| <input type="checkbox"/> *Leaf: shape | palmate | palmate | palmate |
| <input type="checkbox"/> *Leaf: pubescence | weak | weak | weak |
| <input type="checkbox"/> *Leaf: nectaries | present | present | present |
| <input type="checkbox"/> *Boll: shape in longitudinal section | ovate | ovate | ovate |
| <input type="checkbox"/> Boll: pitting of surface | fine | fine | fine |
| <input checked="" type="checkbox"/> *Boll: length of peduncle | short to medium | medium | medium |
| <input type="checkbox"/> *Plant: shape | conical | conical | conical |
| <input checked="" type="checkbox"/> *Plant: height | medium to tall | medium | medium |

| | | | | |
|-------------------------------------|-------------------------|-------------------|------------------|-------------------|
| <input type="checkbox"/> | *Boll: time of opening | medium to late | medium to late | medium to late |
| <input type="checkbox"/> | *Seed: presence of fuzz | present | present | present |
| <input checked="" type="checkbox"/> | Boll: content of lint | high to very high | high | high to very high |
| <input type="checkbox"/> | Fibre: strength | strong | medium to strong | strong |
| <input type="checkbox"/> | Fibre: fineness | medium | medium | medium |
| <input type="checkbox"/> | Fibre: colour | white | white | white |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Sicot 75BRF' | 'Sicot 71BRF' | 'Sicot 74BRF' |
|---|----------------------|----------------------|----------------------|
| <input type="checkbox"/> Plant: Cry1Ac protein expression | present | present | present |
| <input type="checkbox"/> Plant: Cry2Ab protein expression | present | present | present |
| <input type="checkbox"/> Plant: CP4 protein expression | present | present | present |
| <input type="checkbox"/> Disease resistance: bacterial blight | resistant | resistant | resistant |

Statistical Table

| Organ/Plant Part: Context | 'Sicot 75BRF' | 'Sicot 71BRF' | 'Sicot 74BRF' |
|--|----------------------|----------------------|----------------------|
| <input type="checkbox"/> Plant: distance to first fruiting branch (cm) | | | |
| Mean | 22.20 | 21.00 | 23.20 |
| Std. Deviation | 5.20 | 4.70 | 6.40 |
| LSD/sig | 2.78 | ns | ns |
| <input type="checkbox"/> Plant: nodes to first fruiting branch | | | |
| Mean | 7.80 | 7.90 | 7.90 |
| Std. Deviation | 1.60 | 1.80 | 1.70 |
| LSD/sig | 0.69 | ns | ns |
| <input checked="" type="checkbox"/> Plant: number of nodes | | | |
| Mean | 23.50 | 22.10 | 22.70 |
| Std. Deviation | 2.30 | 1.90 | 2.00 |
| LSD/sig | 1.03 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Plant: height (cm) | | | |
| Mean | 104.00 | 95.80 | 96.90 |
| Std. Deviation | 10.70 | 8.70 | 10.00 |
| LSD/sig | 5.57 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Fruiting branch: first internode length (mm) | | | |
| Mean | 100.50 | 94.90 | 77.00 |
| Std. Deviation | 15.40 | 21.60 | 30.50 |
| LSD/sig | 12.76 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Boll: length of peduncle (mm) | | | |
| Mean | 18.30 | 21.70 | 23.00 |
| Std. Deviation | 2.60 | 3.80 | 4.40 |
| LSD/sig | 1.96 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Stigma: distance above stamens (mm) | | | |
| Mean | 3.50 | 3.40 | 4.90 |
| Std. Deviation | 1.70 | 1.50 | 1.50 |

| | | | |
|---|-------|--------|--------|
| LSD/sig | 0.93 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Boll: lint proportion (%) | | | |
| Mean | 45.03 | 42.70 | 45.84 |
| Std. Deviation | 1.07 | 0.89 | 1.65 |
| LSD/sig | 1.72 | P≤0.01 | ns |
| <input type="checkbox"/> Boll: weight (g) | | | |
| Mean | 4.94 | 5.27 | 4.84 |
| Std. Deviation | 0.30 | 0.40 | 0.21 |
| LSD/sig | 0.42 | ns | ns |
| <input checked="" type="checkbox"/> Boll: seed index | | | |
| Mean | 9.25 | 10.65 | 9.63 |
| Std. Deviation | 0.37 | 0.40 | 0.35 |
| LSD/sig | 0.52 | P≤0.01 | ns |
| <input type="checkbox"/> Boll: number of seeds | | | |
| Mean | 28.87 | 28.40 | 26.30 |
| Std. Deviation | 2.11 | 2.96 | 1.62 |
| LSD/sig | 3.25 | ns | ns |
| <input checked="" type="checkbox"/> Boll: lint index | | | |
| Mean | 7.58 | 7.94 | 8.24 |
| Std. Deviation | 0.28 | 0.40 | 0.35 |
| LSD/sig | 0.47 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Fibre: length (mm) | | | |
| Mean | 32.05 | 31.12 | 31.75 |
| Std. Deviation | 0.48 | 0.69 | 0.61 |
| LSD/sig | 0.76 | P≤0.01 | ns |
| <input type="checkbox"/> Fibre: length uniformity (%) | | | |
| Mean | 85.12 | 85.12 | 84.64 |
| Std. Deviation | 0.87 | 0.65 | 0.69 |
| LSD/sig | 1.1 | ns | ns |
| <input type="checkbox"/> Fibre: strength (g/tex) | | | |
| Mean | 31.04 | 30.43 | 31.37 |
| Std. Deviation | 0.92 | 0.83 | 1.26 |
| LSD/sig | 1.14 | ns | ns |
| <input checked="" type="checkbox"/> Fibre: extension (%) | | | |
| Mean | 5.81 | 6.20 | 5.63 |
| Std. Deviation | 0.28 | 0.28 | 0.18 |
| LSD/sig | 0.35 | P≤0.01 | ns |
| <input type="checkbox"/> Fibre: micronaire | | | |
| Mean | 4.56 | 4.47 | 4.73 |
| Std. Deviation | 0.16 | 0.10 | 0.16 |
| LSD/sig | 0.18 | ns | ns |

Prior Applications and Sales

Nil.

Description: **Warwick Stiller**, CSIRO Cotton Research Unit, Narrabri, NSW.

Details of Application

| | |
|---------------------------|-------------------------------|
| Application Number | 2010/131 |
| Variety Name | 'Mini Green' |
| Genus Species | <i>Duranta stenostachya</i> |
| Common Name | Duranta |
| Synonym | Nil |
| Accepted Date | 14 Jul 2010 |
| Applicant | David Littler, Shortland, NSW |
| Agent | N/A |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Shortland, NSW |
| Descriptor | General Descriptor (for plant varieties with no descriptor available) PBR GEN DES |
| Period | July 2010 to April 2011 |
| Conditions | Trial conducted in open beds, plants propagated from cuttings, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | From ten plants at random |
| RHS Chart - edition | 2007 |

Origin and Breeding

Spontaneous mutation: 'Mini Gold'. The parent is characterised by a light yellow green leaf colour. Selection took place in Shortland, NSW in 2009. Selection criteria: dark green leaf colour. Propagation: vegetative, cuttings are found to be uniform and stable. Breeder: David Littler, Shortland, NSW. All work was carried out at Shortland, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------------|--|
| Plant | growth habit | bushy |
| Leaf | presence of variegation | absent |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Mini Gold' | Parent 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 | 'Mini Green' | 'Mini Gold' |
|---|---------------------|--------------------|
| <input type="checkbox"/> Plant: growth habit | bushy | bushy |
| <input checked="" type="checkbox"/> Plant: height | short to medium | short |
| <input checked="" type="checkbox"/> Plant: width | medium | narrow to medium |

| | | | |
|-------------------------------------|--------------------------------------|-------------------------|-----------------|
| <input type="checkbox"/> | Leaf: length of blade | medium | short to medium |
| <input type="checkbox"/> | Leaf: width of blade | medium | medium |
| <input type="checkbox"/> | Leaf: shape | elliptic | elliptic |
| <input type="checkbox"/> | Leaf: shape of apex | acute | acute |
| <input type="checkbox"/> | Leaf: shape of base | attenuate | attenuate |
| <input type="checkbox"/> | Leaf: incision of margin | present | present |
| <input checked="" type="checkbox"/> | Leaf: depth of incision | very shallow to shallow | medium |
| <input type="checkbox"/> | Leaf: type of incision | toothed | toothed |
| <input type="checkbox"/> | Leaf: shape of cross-section | concave | concave |
| <input type="checkbox"/> | Leaf: curvature of longitudinal axis | straight | straight |
| <input type="checkbox"/> | Leaf: presence of variegation | absent | absent |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘Mini Green’ | ‘Mini Gold’ |
|---|--------------------------------|----------------------------|
| <input type="checkbox"/> Stem: length of internodes | short to medium | short to medium |
| <input checked="" type="checkbox"/> Immature leaf: colour of upper side (RHS) | 144A | 151A |
| <input checked="" type="checkbox"/> Mature leaf: colour of upper side (RHS) | N137B | N144A |
| <input checked="" type="checkbox"/> Mature leaf: colour of lower side (RHS) | 147B | 153D |
| <input checked="" type="checkbox"/> Stem: colour of new growth (RHS) | 144A | 151A |
| <input type="checkbox"/> Leaf: symmetry (longitudinal) | symmetrical | symmetrical |
| <input checked="" type="checkbox"/> Stem: colour of immature growth (RHS) | 146B-C; sun exposed side N200A | 151A; sunexposed side 200A |
| <input checked="" type="checkbox"/> Stem: colour of mature growth (RHS) | 199D | 146D |

Statistical Table

| Organ/Plant Part: Context | ‘Mini Green’ | ‘Mini Gold’ |
|--|---------------------|--------------------|
| <input checked="" type="checkbox"/> Leaf: length (mm) | | |
| Mean | 51.40 | 41.90 |
| Std. Deviation | 6.00 | 6.30 |
| Lsd/sig | 7.93 | P≤0.01 |
| <input type="checkbox"/> Leaf: width (mm) | | |
| Mean | 22.20 | 19.60 |
| Std. Deviation | 2.20 | 3.40 |
| Lsd/sig | 3.70 | ns |
| <input checked="" type="checkbox"/> Plant: height (cm) | | |
| Mean | 19.60 | 11.90 |
| Std. Deviation | 2.00 | 1.70 |
| Lsd/sig | 2.38 | P≤0.01 |

| | | |
|---|-------|--------|
| <input checked="" type="checkbox"/> Plant: width (cm) | | |
| Mean | 34.10 | 25.10 |
| Std. Deviation | 3.90 | 2.30 |
| Lsd/sig | 4.16 | P≤0.01 |
| <input type="checkbox"/> Stem: length of internode (mm) | | |
| Mean | 19.50 | 14.50 |
| Std. Deviation | 5.10 | 3.30 |
| Lsd/sig | 5.57 | ns |

Prior Applications and Sales

Nil.

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

Details of Application

| | |
|---------------------------|-------------------------------|
| Application Number | 2009/091 |
| Variety Name | 'SYMPHONY' |
| Genus Species | <i>Cynara scolymus</i> |
| Common Name | Globe Artichoke |
| Synonym | |
| Accepted Date | 19 May 2009 |
| Applicant | Nunhems B.V., The Netherlands |
| Agent | Shelston IP, Sydney, NSW |
| Qualified Person | John Oates |

Details of Comparative Trial

| | |
|-------------------------|--|
| Overseas Testing | Naktuinbouw, The Netherlands |
| Authority | |
| Overseas Data | ATS19 |
| Reference Number | |
| Location | |
| Descriptor | Globe Artichoke (<i>Cynara scolymus</i> / <i>C. cardunculus</i>) TG/184/3 |
| Period | 2008-2010 |

Origin and Breeding

Controlled pollination: Nun 0048 AR xNun 1002 AR. The female was obtained after two generations of inbreeding and selection from a derivative elite population of green clones developed by the INRA, The male was obtained after several generations of self pollination and continued selection using as starting cultivars public standard populations from Italy and France. The seed parent is propagated vegetatively and 'Symphony' is propagated by seeds. The head shape of seed parent is rounder. The head colour of pollen parent is lighter green and the shape is a pointed head.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------------------|--|
| Leaf | incisions | present |
| Central flower head | shape in longitudinal section | ovate |
| Central flower head | time of expression | medium |
| Outer bract | colour | green |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Harmony' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------------|---------------------------------------|---|--|
| 'Concerto' | outer bracts colour | green | dark violet |
| 'Violet de Provence' | head colour colour | green | violet |
| 'Violet de Provence' | plant propagation | seed | vegetative |
| 'Blanca de Tudela' | plant propagation | seed | vegetative |

| | | | | |
|-----------------|------|--------------------|--------|----------|
| 'Madrigal' | head | time of appearance | medium | late |
| 'Imperial Star' | head | shape | ovate | 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 | 'SYMPHONY' | 'Harmony' |
|---|---------------------|-----------------------|
| <input type="checkbox"/> *Plant: height | medium | medium |
| <input type="checkbox"/> Plant: number of lateral shoots on main stem | few | few |
| <input type="checkbox"/> *Main stem: height | medium | medium |
| <input type="checkbox"/> Main stem: distance between central flower head and youngest well developed leaf | medium | medium |
| <input type="checkbox"/> Main stem: diameter | medium to large | medium to large |
| <input type="checkbox"/> *Leaf: attitude | semi-erect | semi-erect |
| <input type="checkbox"/> *Leaf: long spines | absent | absent |
| <input type="checkbox"/> Leaf: length | medium | medium |
| <input type="checkbox"/> *Leaf: incisions | present | present |
| <input type="checkbox"/> Leaf: number of lobes | medium | medium |
| <input type="checkbox"/> Leaf: length of longest lobe | medium | medium |
| <input type="checkbox"/> Leaf: width of longest lobe | medium | medium |
| <input type="checkbox"/> Lobe: shape of tip | nearly right angle | nearly right angle |
| <input type="checkbox"/> Lobe: number of secondary lobes | few to medium | few to medium |
| <input type="checkbox"/> Lobe: shape of tip of secondary lobes | rounded | rounded |
| <input type="checkbox"/> Leaf blade: shape in cross section | flat | flat |
| <input type="checkbox"/> Leaf blade: intensity of green colour | light to medium | light to medium |
| <input type="checkbox"/> *Leaf blade: hue of green colour | greyish | greyish |
| <input checked="" type="checkbox"/> Leaf blade: intensity of grey hue | very weak to weak | strong to very strong |
| <input type="checkbox"/> *Leaf: hairiness on upper side | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Leaf blade: blistering | weak | weak |
| <input type="checkbox"/> Petiole: anthocyanin colouration at base | weak | weak |
| <input type="checkbox"/> Central flower head: length | medium to long | medium to long |
| <input type="checkbox"/> Central flower head: diameter | medium to large | medium to large |
| <input type="checkbox"/> *Central flower head: size | medium to large | medium to large |
| <input checked="" type="checkbox"/> *Central flower head: shape in longitudinal section | ovate | triangular |
| <input checked="" type="checkbox"/> *Central flower head: shape of tip | rounded | acute |

| | | | |
|--------------------------|---|-------------------------|-------------------------|
| <input type="checkbox"/> | *Central flower head: time of appearance | medium | medium |
| <input type="checkbox"/> | Central flower head: time of beginning of opening | medium to late | medium to late |
| <input type="checkbox"/> | First flower head on lateral shoot: length | medium | medium |
| <input type="checkbox"/> | First flower head on lateral shoot: diameter | medium | medium |
| <input type="checkbox"/> | First flower head on lateral shoot: size | medium | medium |
| <input type="checkbox"/> | First flower head on lateral shoot: shape in longitudinal section | ovate | ovate |
| <input type="checkbox"/> | First flower head on lateral shoot: degree of opening | very weak to weak | very weak to weak |
| <input type="checkbox"/> | Outer bract: length of base | medium to long | medium to long |
| <input type="checkbox"/> | Outer bract: width of base | medium | medium |
| <input type="checkbox"/> | Outer bract: thickness at base | medium | medium |
| <input type="checkbox"/> | *Outer bract: main shape | longer than broad | longer than broad |
| <input type="checkbox"/> | *Outer bract: shape of apex | emarginate | emarginate |
| <input type="checkbox"/> | *Outer bract: depth of emargination | very shallow to shallow | very shallow to shallow |
| <input type="checkbox"/> | *Outer bract: colour | green | green |
| <input type="checkbox"/> | *Outer bract: hue of secondary colour | grey | grey |
| <input type="checkbox"/> | Outer bract: reflexing of tip | present | present |
| <input type="checkbox"/> | *Outer bract: size of spine | very small to small | very small to small |
| <input type="checkbox"/> | Outer bract: mucron | absent | absent |
| <input type="checkbox"/> | Central flower head: anthocyanin colouration of inner bracts | medium to strong | medium to strong |
| <input type="checkbox"/> | Central flower head: density of inner bracts | dense | dense |
| <input type="checkbox"/> | Receptacle: diameter | medium | medium |
| <input type="checkbox"/> | Receptacle: thickness | medium | medium |
| <input type="checkbox"/> | Receptacle: shape in longitudinal section | slightly depressed | slightly depressed |
| <input type="checkbox"/> | Tendency to: produce lateral shoots at base | weak | weak |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|-----------------|-------------|-----------------------|---------------------|
| Chile | 2009 | Granted | 'SYMPHONY' |
| Ecuador | 2009 | Applied | 'SYMPHONY' |
| The Netherlands | 2008 | Applied | 'SYMPHONY' |
| EU | 2009 | Applied | 'SYMPHONY' |
| USA | 2010 | Applied | 'SYMPHONY' |

Description: **John Oates**, Merimbula, NSW.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/308 |
| Variety Name | 'RS-3' |
| Genus Species | <i>Vitis</i> hybrid |
| Common Name | Grapevine rootstock |
| Synonym | Nil |
| Accepted Date | 15 Jan 2010 |
| Applicant | The Regents of the University of California |
| Agent | Phillips Ormonde Fitzpatrick, Melbourne, VIC |
| Qualified Person | Leslie Mitchell |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | US Plant Patent |
| Overseas Data Reference Number | US PP 16291 |
| Location | Parlier, California, USA |
| Descriptor | Grapevine (new) (<i>Vitis</i>) TG/50/9 |
| Period | Prior to 2001 |

Origin and Breeding

Controlled pollination: 'RS-3' is the result of an interspecific cross of the grape varieties 'Ramsay' (*Vitis champinii*) and 'Schwarzmann' (*Vitis riparia* x *Vitis rupestris*). 'RS-3' plants were asexually reproduced in Parlier, California by the rooting of callused cuttings from dormant, lignified canes in the spring or the rooting of green shoots under greenhouse mist in the summer. 'RS-3' is a stable cultivar and reproduces true to type in successive generations of asexual production. 'RS-3' has shown in controlled pot studies that it is unique in that it suppresses reproduction of resistance breaking strains of *Melioidogyne arenaria* and as such exhibits a more durable root-knot resistance than commercially available varieties. Breeder: Michael Mckenry, The Regents of the University of California, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---------------------|--|
| Plant | nematode resistance | resistant |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|---------------|--------------------|
| 'Ramsay' | Nematode resistant |
| 'Schwarzmann' | Nematode resistant |
| 'RS-9' | Nematode resistant |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|---------------------------------------|----------------------------------|---|--|
| 'Freedom' | Plant | Resistance to <i>M. arenaria</i> | Resistant | moderately susceptible |
| 'Harmony' | Plant | Resistance to <i>M. arenaria</i> | Resistant | moderately susceptible |
| RS-2 | Plant | Resistance to ring | moderately | Resistant |

nematodes

susceptible

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

| Organ/Plant Part: Context | ‘RS-3’ | ‘Ramsay’ | ‘RS-9’ | ‘Schwarzmann’ |
|---|--|--|--|--|
| <input type="checkbox"/> *Time of: bud burst (varieties not for fruit production only) | early | | early | |
| <input checked="" type="checkbox"/> *Young shoot: openness of tip | closed | half open | half open | closed |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip | absent or very weak | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Young leaf: colour of upper side of blade | yellow green | yellow green | yellow green | yellow green |
| <input checked="" type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade | medium | medium | sparse | sparse |
| <input checked="" type="checkbox"/> Shoot: colour of dorsal side of internode | completely red | completely green | completely red | green with red stripes |
| <input checked="" type="checkbox"/> *Shoot: colour of ventral side of internode | green with red stripes | completely green | green with red stripes | |
| <input checked="" type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only) | completely red | completely green | completely red | green with red stripes |
| <input checked="" type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only) | green with red stripes | completely green | green with red stripes | |
| <input checked="" type="checkbox"/> Shoot: density of erect hairs on internodes | sparse | medium | medium | sparse to medium |
| <input type="checkbox"/> Shoot: number of consecutive tendrils | less than three | less than three | less than three | less than three |
| <input checked="" type="checkbox"/> Shoot: length of tendril | long | short to medium | medium | long |
| <input checked="" type="checkbox"/> *Flower: sexual organs | fully developed stamens and no gynoecium | stamens and gynoecium both fully developed | fully developed stamens and reduced gynoecium | fully developed stamens and no gynoecium |
| <input checked="" type="checkbox"/> *Adult leaf: size of | large | small to medium | small | large |

| | | | | |
|--|---------------------|---------------------|---------------------|-------------------|
| blade | | | | |
| <input type="checkbox"/> *Mature leaf: shape of blade | reniform | reniform | reniform | orbicular |
| <input type="checkbox"/> Mature leaf: profile in cross section | flat | flat | flat | flat |
| <input checked="" type="checkbox"/> *Mature leaf: length of teeth | short | medium | short | medium to long |
| <input type="checkbox"/> *Mature leaf: ratio length/width of teeth | small | | very small to small | |
| <input checked="" type="checkbox"/> *Mature leaf: shape of teeth | both sides straight | both sides straight | both sides concave | both sides convex |
| <input checked="" type="checkbox"/> *Mature leaf: anthocyanin colouration of main veins on upper side of blade | medium | absent or very weak | very weak to weak | weak |
| <input type="checkbox"/> *Mature leaf: density of prostrate hairs between main veins on lower side of blade | medium | medium | sparse to medium | |
| <input type="checkbox"/> *Mature leaf: density of erect hairs on main veins on lower side of blade | sparse | | sparse | |
| <input checked="" type="checkbox"/> Woody shoot: main colour | reddish brown | dark brown | reddish brown | reddish brown |
| <input type="checkbox"/> Woody shoot: relief of surface | striate | striate | striate | striate |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘RS-3’ | ‘Ramsay’ | ‘RS-9’ | ‘Schwarzmann’ |
|--|---------------|----------------------|---------------|----------------------|
| <input checked="" type="checkbox"/> Plant: nematode resistance | resistant | moderately resistant | resistant | moderately resistant |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2003 | Granted | RS-3 |
| EU | 2009 | Applied | RS-3 |

First sold in USA in Nov 2003

Description: **Leslie Mitchell**, Shepparton, VIC

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/309 |
| Variety Name | 'RS-9' |
| Genus Species | <i>Vitis</i> hybrid |
| Common Name | Grapevine rootstock |
| Synonym | Nil |
| Accepted Date | 15 Jan 2010 |
| Applicant | The Regents of the University of California |
| Agent | Phillips Ormonde Fitzpatrick |
| Qualified Person | Leslie Mitchell |

Details of Comparative Trial

| | |
|-------------------------|--|
| Overseas Testing | US Plant Patent |
| Authority | |
| Overseas Data | US PP 16115 |
| Reference Number | |
| Location | Parlier, California, USA |
| Descriptor | Grapevine (new) (<i>Vitis</i>) TG/50/9 |
| Period | Prior to 2001 |

Origin and Breeding

Controlled pollination: RS-9' is the result of an interspecific cross of the grape variety 'Ramsay' (*Vitis champinii*) and 'Schwarzmann' (*Vitis riparia* x *Vitis rupestris*). 'RS-9' plants were asexually reproduced in Parlier California by the rooting of callused cuttings from the dormant, lignified canes in spring or the rooting of green shoots under greenhouse mist in summer. 'RS-9' is a stable cultivar and reproduces true to type in successive generations of asexual reproduction. 'RS-9' has shown in controlled pot studies that it is unique in that it suppresses infection of root systems by resistance breaking strains of *Melioidogyne arenaria* and as such exhibits a more durable root knot resistance than commercially available varieties. Breeder: Michael Mckenry, The Regents of the University of California, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---------------------|--|
| Plant | nematode resistance | resistant |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|---------------|--------------------|
| 'Ramsay' | Nematode resistant |
| 'Schwarzmann' | Nematode resistant |
| 'RS-3' | Nematode resistant |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|--|---|--|
| 'Freedom' | Plant resistance to <i>M. arenaria</i> | resistant | moderately susceptible |
| 'Harmony' | Plant resistance to <i>M. arenaria</i> | resistant | moderately susceptible |

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

| Organ/Plant Part: Context | ‘RS-9’ | ‘Ramsay’ | ‘RS-3’ | ‘Schwarzmann’ |
|---|--|--|--|--|
| <input type="checkbox"/> *Time of: bud burst (varieties not for fruit production only) | early | | early | |
| <input checked="" type="checkbox"/> *Young shoot: openness of tip | half open | half open | closed | closed |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip | absent or very weak | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Young leaf: colour of upper side of blade | yellow green | yellow green | yellow green | yellow green |
| <input checked="" type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | | medium | sparse |
| <input checked="" type="checkbox"/> Young leaf: density of erect hairs on main veins on lower side of blade | sparse | medium | | sparse |
| <input checked="" type="checkbox"/> Shoot: colour of dorsal side of internode | completely green | completely green | completely red | green with red stripes |
| <input checked="" type="checkbox"/> *Shoot: colour of ventral side of internode | green with red stripes | completely green | completely red | |
| <input checked="" type="checkbox"/> Shoot: colour of dorsal side of node (varieties not for fruit production only) | completely red | completely green | completely red | green with red stripes |
| <input type="checkbox"/> Shoot: colour of ventral side of node (varieties not for fruit production only) | green with red stripes | completely green | green with red stripes | |
| <input checked="" type="checkbox"/> Shoot: density of erect hairs on internodes | medium | medium | sparse | very sparse to sparse |
| <input type="checkbox"/> Shoot: number of consecutive tendrils | less than three | less than three | less than three | less than three |
| <input checked="" type="checkbox"/> Shoot: length of tendrils | medium | short to medium | long | long |
| <input checked="" type="checkbox"/> *Flower: sexual organs | fully developed stamens and reduced gynoecium | stamens and gynoecium both fully developed | fully developed stamens and no gynoecium | fully developed stamens and reduced gynoecium |

| | | | | | |
|-------------------------------------|--|-----------------------|---------------------|---------------------|-------------------|
| <input checked="" type="checkbox"/> | *Adult leaf: size of blade | small | small to medium | large | large |
| <input type="checkbox"/> | *Mature leaf: shape of blade | reniform | reniform | reniform | orbicular |
| <input type="checkbox"/> | Mature leaf: profile in cross section | flat | flat | flat | flat |
| <input checked="" type="checkbox"/> | Mature leaf: blistering of upper side of blade | weak | absent or very weak | weak to medium | weak |
| <input type="checkbox"/> | *Mature leaf: arrangement of lobes of petiole sinus | wide open | wide open | wide open | |
| <input type="checkbox"/> | Mature leaf: petiole sinus limited by veins | absent | | | |
| <input checked="" type="checkbox"/> | *Mature leaf: length of teeth | short | medium | short | medium to long |
| <input type="checkbox"/> | *Mature leaf: ratio length/width of teeth | small | | very small to small | |
| <input type="checkbox"/> | *Mature leaf: shape of teeth | both sides concave | both sides straight | both sides straight | both sides convex |
| <input checked="" type="checkbox"/> | *Mature leaf: anthocyanin colouration of main veins on upper side of blade | absent or very weak | | medium | weak |
| <input checked="" type="checkbox"/> | *Mature leaf: density of prostrate hairs between main veins on lower side of blade | absent or very sparse | | medium | medium |
| <input type="checkbox"/> | *Mature leaf: density of erect hairs on main veins on lower side of blade | sparse to medium | | sparse | |
| <input type="checkbox"/> | Woody shoot: main colour | reddish brown | dark brown | dark brown | reddish brown |
| <input type="checkbox"/> | Woody shoot: relief of surface | striate | striate | striate | striate |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘RS-9’ | ‘Ramsay’ | ‘RS-3’ | ‘Schwarzmann’ |
|--|---------------|----------------------|---------------|----------------------|
| <input checked="" type="checkbox"/> Plant: nematode resistance | resistant | moderately resistant | resistant | moderately resistant |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2003 | Granted | 'RS-9' |
| EU | 2009 | Applied | 'RS-9' |

First sold in USA in Nov 2003

Description: **Leslie Mitchell**, Shepparton, VIC

Details of Application

| | |
|---------------------------|--|
| Application Number | 2007/101 |
| Variety Name | 'Y368' |
| Genus Species | <i>Actinidia chinensis</i> |
| Common Name | Kiwifruit |
| Synonym | Nil |
| Accepted Date | 09 May 2007 |
| Applicant | Donald Alfred Skelton, Huntly, New Zealand |
| Agent | Global Plant IP Pty Ltd, Goondiwindi, QLD |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|---------------------------------------|---|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | PP 20,721 |
| Location | Mt Tambourine, QLD |
| Descriptor | Kiwifruit (<i>Actinidia</i>) TG/98/6 |
| Period | Feb 2010 to Feb 2011 |
| Conditions | Trial conducted with mature plants under a typical orchard trellis system and with typical management with uniform growing conditions. |
| Trial Design | Random sampling from standard orchard spacing and comparison to USPTO technical data. Also compared to variety 'Hayward' as a standard reference. |
| Measurements | Randomly selected from 10 trial plants. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: seed parent 'A124' x pollen parent 'RY' in 1975 at Rangiriri, NZ. The seed parent is characterised by a yellow fruit flesh and elliptic fruit shape. The pollen parent is characterised by a male sex expression. The seedling fruited in 1999 and the unique and attractive features of the fruits were noted. Selection took place in Rangiriri, NZ. Selection criteria: yellow fruit flesh colour, soft, downy pubescence on fruit, weak adherence of fruit skin, blunt stylar end shape of fruit and square shoulders of fruit. Propagation: vegetative grafts were found to be uniform and stable. Breeder: Donald Alfred Skelton, Huntly, NZ.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------------|--|
| Plant | sex | female |
| Plant | fruit | present |
| Fruit | general shape | oblong |
| Fruit | hairiness of skin | present |
| Time of: | maturity for harvest | early |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|----------------------------|
| 'Hayward' | Industry standard variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics in Candidate Variety | State of Expression | State of Expression in Comparator Variety | Comments |
|-----------|---|---------------------|---|---|
| 'Hort16A' | Fruit colour of outer pericarp | green yellow | medium yellow | Also has browner skin colour, greyed yellow inner pericarp and pointed protruding stylar end. |

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 | 'Y368' | 'Hayward' |
|---|-----------------------|-----------------------|
| <input type="checkbox"/> *Plant: sex | female | female |
| <input type="checkbox"/> Plant: vigour | medium to strong | medium |
| <input type="checkbox"/> *Young shoot: hairiness | present | present |
| <input type="checkbox"/> *Young shoot: density of hair | medium to dense | medium |
| <input type="checkbox"/> Young shoot: type of hairiness | downy | |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip | absent or very weak | |
| <input type="checkbox"/> Stem: thickness | medium | medium |
| <input type="checkbox"/> *Stem: colour of shoot on sunny side | light brown | |
| <input type="checkbox"/> Stem: roughness of bark | rough | rough |
| <input type="checkbox"/> Stem: hairiness | absent | |
| <input checked="" type="checkbox"/> *Stem: size of lenticels | very small | medium |
| <input checked="" type="checkbox"/> *Stem: number of lenticels | very few | medium |
| <input type="checkbox"/> *Stem: colour of lenticels | brownish | brownish |
| <input checked="" type="checkbox"/> Stem: proximal face of bud support | perpendicular | sloping |
| <input type="checkbox"/> *Stem: size of bud support | small to medium | small to medium |
| <input type="checkbox"/> *Stem: leaf scar | shallow | shallow |
| <input type="checkbox"/> Stem: presence of pith | present | present |
| <input type="checkbox"/> Stem: type of pith | solid | solid |
| <input type="checkbox"/> *Leaf blade: shape | broad obovate | broad obovate |
| <input checked="" type="checkbox"/> *Leaf blade: shape of apex | cuspidate^ | rounded |
| <input type="checkbox"/> Leaf blade: hair on upper side | absent or very sparse | absent or very sparse |
| <input type="checkbox"/> Leaf blade: hair on lower side | medium | medium |
| <input type="checkbox"/> *Leaf blade: green colour of upper side | medium | medium |
| <input type="checkbox"/> *Leaf blade: colour of lower side | light green | light green |
| <input type="checkbox"/> Leaf blade: presence of variegation | absent | absent |
| <input type="checkbox"/> Leaf blade: spines along main vein on lower side | absent | absent |

| | | | |
|-------------------------------------|---|---------------------------|---------------------|
| <input type="checkbox"/> | Leaf: ratio petiole length/blade length | large | large |
| <input type="checkbox"/> | Petiole: density of hair | dense | dense |
| <input type="checkbox"/> | Petiole: anthocyanin colouration of upper side | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> | *Fruit: size | small to medium | medium to large |
| <input type="checkbox"/> | *Fruit: general shape | oblong | oblong |
| <input checked="" type="checkbox"/> | *Fruit: shape in cross section | oblate | transverse elliptic |
| <input checked="" type="checkbox"/> | *Fruit: general shape of stylar end | slightly blunt protruding | flat |
| <input type="checkbox"/> | Fruit: presence of calyx ring | strongly expressed | strongly expressed |
| <input checked="" type="checkbox"/> | *Fruit: shape of shoulder at stalk end | squared | rounded |
| <input type="checkbox"/> | Fruit: conspicuousness of lenticels on skin | conspicuousness | conspicuousness |
| <input type="checkbox"/> | *Fruit: colour of skin | greenish brown | greenish brown |
| <input type="checkbox"/> | *Fruit: hairiness of skin | present | present |
| <input checked="" type="checkbox"/> | *Fruit: density of hair | sparse | medium |
| <input checked="" type="checkbox"/> | *Fruit: type of hairiness | downy | bristly |
| <input type="checkbox"/> | *Fruit: distribution of hair | evenly spread | evenly spread |
| <input type="checkbox"/> | Fruit: colour of hair | medium brown | medium brown |
| <input checked="" type="checkbox"/> | *Fruit: adherence of hairs to skin | weak | strong |
| <input type="checkbox"/> | *Fruit: colour of skin at maturity for consumption | medium green | medium green |
| <input checked="" type="checkbox"/> | Fruit: adherence of skin to flesh at maturity for consumption | weak | medium |
| <input type="checkbox"/> | *Fruit: colour of outer pericarp | greenish yellow | medium green |
| <input type="checkbox"/> | *Fruit: colour of inner pericarp | greenish yellow | greenish yellow |
| <input checked="" type="checkbox"/> | *Fruit: diameter of core relative to fruit | medium | large |
| <input type="checkbox"/> | *Fruit: general shape of core | transverse elliptic | transverse elliptic |
| <input type="checkbox"/> | *Fruit: colour of core | greenish white | greenish white |
| <input checked="" type="checkbox"/> | Fruit: sweetness | high | low |
| <input type="checkbox"/> | *Time of: maturity for harvest | early | early |

^ state of expression observed but not included in TG/98/6

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Chile | 2009 | Granted | 'Y368' |
| USA | 2008 | Granted | 'Y368' |

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/015 |
| Variety Name | 'RIBENAS' |
| Genus Species | <i>Lactuca sativa</i> |
| Common Name | Lettuce |
| Synonym | |
| Accepted Date | 30 Apr 2008 |
| Applicant | Rijk Zwaan Zaadteelt en Zaadhandel BV, The Netherlands |
| Agent | Rijk Zwaan Australia Pty Ltd, Daylesford, VIC |
| Qualified Person | Arie Baelde |

Details of Comparative Trial

| | |
|-------------------------|---|
| Overseas Testing | Naktuinbouw / The Netherlands |
| Authority | |
| Overseas Data | SLA2616 |
| Reference Number | |
| Location | Roelofarendsveen, The Netherlands |
| Descriptor | Lettuce (<i>Lactuca sativa</i>) TG/13/3 |
| Period | 2008-2010 |

Origin and Breeding

Unnamed Rijk Zwann breeding line x Rijk Zwaan breeding line with advanced resistance to *Bremia lactucae*. Main selection criteria: *Bremia* resistance, Lettuce Currant Aphid resistance, no tipburn. We used a modified line and pedigree selection method to select 'Ribanas'. Resistance 39.8/10/12/15 (c) isolate BL 17,20,22,25 is absent in seed parent. Resistance to Root Aphid (Pb) is absent in pollen parent. Breeder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--|--|
| Seed | colour | black |
| Seedling | anthocyanin coloration | absent |
| Head | shape in longitudinal section | circular |
| Leaf | intensity of colour of outer leaves | medium to dark |
| Leaf | anthocyanin coloration | absent |
| Leaf blade | degree of undulation of margin | weak to medium |
| Time of | beginning of bolting under long day conditions | very late |
| Resistance to | Isolate Bl 23 | present |
| Plant | type | crisp lettuce |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|-----------------|
| 'Cartagenas' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|------------|--|--|---|----------|
| 'Soleison' | Leaf intensity of colour of outer leaves | medium to dark | dark | |
| 'Soleison' | Plant diameter | large to very large | large | |

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 | 'RIBENAS' | 'Cartagenas' |
|--|---------------------------|---------------------------|
| <input type="checkbox"/> *Seed: colour | black | black |
| <input type="checkbox"/> *Seedling: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> Leaf: attitude at 10-12 leaf stage | semi-erect | semi-erect |
| <input type="checkbox"/> Leaf blade: division | entire | entire |
| <input type="checkbox"/> *Plant: diameter | large to very large | large to very large |
| <input type="checkbox"/> *Plant: head formation | closed head | closed head |
| <input type="checkbox"/> Head: degree of overlapping of upper part of leaves (varieties with closed head formation only) | very strong | strong |
| <input type="checkbox"/> Head: density | very dense | dense |
| <input type="checkbox"/> Head: size | medium | medium to large |
| <input type="checkbox"/> *Head: shape in longitudinal section | circular | circular |
| <input type="checkbox"/> Leaf: thickness | medium to thick | thick |
| <input type="checkbox"/> Leaf: attitude at harvest maturity | semi-erect | semi-erect |
| <input type="checkbox"/> *Leaf: shape | transverse broad elliptic | transverse broad elliptic |
| <input type="checkbox"/> Leaf: tip of leaf blade | rounded | |
| <input type="checkbox"/> *Leaf: hue of green colour of outer leaves | greyish | greyish |
| <input type="checkbox"/> *Leaf: intensity of colour of outer leaves | medium to dark | medium to dark |
| <input type="checkbox"/> *Leaf: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> Leaf: glossiness of upper side | weak to medium | weak |
| <input type="checkbox"/> *Leaf: blistering | weak | medium |
| <input type="checkbox"/> Leaf: size of blisters | small to medium | medium |
| <input type="checkbox"/> *Leaf blade: degree of undulation of margin | weak to medium | weak to medium |
| <input type="checkbox"/> Leaf blade: incisions of margin on apical part | present | present |
| <input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part | shallow to medium | shallow to medium |

| | | | |
|-------------------------------------|---|-------------------|-----------------------------|
| <input type="checkbox"/> | Leaf blade: density of incisions on margin on apical part | medium | medium |
| <input type="checkbox"/> | Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only) | dentate | |
| <input type="checkbox"/> | Leaf blade: venation | flabellate | |
| <input type="checkbox"/> | Axillary: sprouting | weak | absent or very weak to weak |
| <input type="checkbox"/> | Time of: harvest maturity | medium to late | medium to late |
| <input type="checkbox"/> | *Time of: beginning of bolting under long day conditions | very late | very late |
| <input type="checkbox"/> | Plant: fasciation | present | absent |
| <input type="checkbox"/> | Plant: intensity of fasciation | very weak to weak | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 21 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 18 | present | absent |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 5 | present | present |
| <input type="checkbox"/> | *Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 23 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 12 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 15 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 2 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 16 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 7 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 24 | absent | absent |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 14 | present | present |
| <input checked="" type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 17 | present | absent |
| <input checked="" type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 22 | present | absent |
| <input checked="" type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 20 | present | absent |
| <input type="checkbox"/> | Resistance to: lettuce mosaic virus Strain Ls 1 | absent | absent |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘RIBENAS’ | ‘Cartagenas’ |
|---|------------------|---------------------|
| <input checked="" type="checkbox"/> Resistance to : Isolate BI 25 | present | absent |
| <input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> | present | present |
| <input checked="" type="checkbox"/> Resistance to: <i>Pemphigus burarius</i> (root aphid) | present | absent |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|-----------------|-------------|-----------------------|---------------------|
| The Netherlands | 2008 | Applied | ‘RIBENAS’ |
| EU | 2007 | Withdrawn | ‘RIBENAS’ |

First sold in Spain August 2006. First sold Australia January 2007.

Description: **Arie Baelde**, Daylesford, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/102 |
| Variety Name | 'EXPLORE' |
| Genus Species | <i>Lactuca sativa</i> |
| Common Name | Lettuce |
| Synonym | |
| Accepted Date | 09 Nov 2009 |
| Applicant | Rijk Zwaan Zaadteelt en Zaadhandel BV, Netherlands |
| Agent | Rijk Zwaan Australia Pty Ltd, Daylesford, VIC |
| Qualified Person | Arie Baelde |

Details of Comparative Trial

| | |
|-------------------------|---|
| Overseas Testing | Naktuinbouw, The Netherlands |
| Authority | |
| Overseas Data | SLA2612 |
| Reference Number | |
| Location | Roelofarendsveen, The Netherlands |
| Descriptor | Lettuce (<i>Lactuca sativa</i>) TG/13/3 |
| Period | 2009 |

Origin and Breeding

Controlled Pollination: Unnamed RZ Guedeloupe cross x Unnamed RZ line with advance resistance to *Bremia lactucae*. Main selection criteria: *Bremia* resistance, small leaf-trait for bagged salads, no tipburn. Modified line and pedigree selection method was used to select 'Explore'. The seed colour of seed parent is black and of the candidate is white. The incisions on leaf margin at the apical part of parent are absent or shallow but in the candidate they are deep. Breeder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---|--|
| Seed | colour | white |
| Seedling | anthocyanin coloration | absent |
| Plant | head formation | no head |
| Leaf | hue of green colour of outer leaves | absent to yellowish |
| Leaf | anthocyanin coloration | absent |
| Time | of beginning of bolting under long day conditions | very late |
| Resistance to | downy mildew Isolate BI 23 | present |
| Plant | type | cutting or gathering lettuce |
| Leaf blade | division at 10-12 leaf stage | divided |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Vivanto' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|--------------|--------------------------------|--|---|-----------------|
| 'Victoire' | Leaf | intensity of colour of outer leaves | light to medium | light |
| 'Victoire' | Plant | diameter | medium to large | small to medium |
| 'Guadeloupe' | Plant | diameter | medium to large | small |
| 'Guadeloupe' | Plant | time of beginning of bolting under long day conditions | very 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 | 'EXPLORE' | 'Vivanto' |
|--|---------------------------|-----------------------|
| <input type="checkbox"/> *Seed: colour | white | white |
| <input type="checkbox"/> *Seedling: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> Leaf: attitude at 10-12 leaf stage | semi-erect | semi-erect |
| <input type="checkbox"/> Leaf blade: division | divided | divided |
| <input type="checkbox"/> *Plant: diameter | medium to large | medium |
| <input type="checkbox"/> *Plant: head formation | no head | no head |
| <input type="checkbox"/> Leaf: thickness | thin to medium | thin |
| <input type="checkbox"/> Leaf: attitude at harvest maturity | semi-erect | semi-erect |
| <input checked="" type="checkbox"/> *Leaf: shape | transverse broad elliptic | obovate |
| <input type="checkbox"/> Leaf: tip of leaf blade | rounded | rounded |
| <input type="checkbox"/> *Leaf: hue of green colour of outer leaves | absent | absent |
| <input type="checkbox"/> *Leaf: intensity of colour of outer leaves | light to medium | medium |
| <input type="checkbox"/> *Leaf: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> Leaf: glossiness of upper side | weak | weak to medium |
| <input type="checkbox"/> *Leaf: blistering | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> *Leaf blade: degree of undulation of margin | medium to strong | strong to very strong |
| <input type="checkbox"/> Leaf blade: incisions of margin on apical part | present | present |
| <input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part | shallow to medium | shallow to medium |
| <input type="checkbox"/> Leaf blade: density of incisions on margin on apical part | medium to | dense |

| | | | |
|-------------------------------------|---|-----------------------------|----------------|
| | | dense | |
| <input type="checkbox"/> | Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only) | dentate | dentate |
| <input type="checkbox"/> | Leaf blade: venation | flabellate | flabellate |
| <input checked="" type="checkbox"/> | Axillary: sprouting | absent or very weak to weak | weak to medium |
| <input type="checkbox"/> | Time of: harvest maturity | medium to late | medium |
| <input type="checkbox"/> | *Time of: beginning of bolting under long day conditions | very late | very late |
| <input type="checkbox"/> | Plant: fasciation | present | present |
| <input type="checkbox"/> | Plant: intensity of fasciation | very weak to weak | weak to medium |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 21 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 18 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 17 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 5 | present | present |
| <input type="checkbox"/> | *Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 23 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 22 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 12 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 15 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 2 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 16 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 7 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 24 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 14 | present | present |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 20 | present | present |
| <input type="checkbox"/> | Resistance to: lettuce mosaic virus Strain Ls 1 | present | present |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'EXPLORE' | 'Vivanto' |
|--|------------------|------------------|
| <input type="checkbox"/> Resistance to : Isolate B1 25 | present | present |
| <input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> | present | present |
| <input type="checkbox"/> Resistance to: <i>Pemphigus burarius</i> (root aphid) | absent | absent |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|-----------------|-------------|-----------------------|---------------------|
| The Netherlands | 2008 | Applied | 'EXPLORE' |
| EU | 2009 | Applied | 'EXPLORE' |

First sold in The Netherlands, February 2008, First sold in Australia July 2008.

Description: **Arie Baelde**, Daylesford, VIC.

Details of Application

| | |
|---------------------------|------------------------------|
| Application Number | 2008/161 |
| Variety Name | 'MULTIRED 3' |
| Genus Species | <i>Lactuca sativa</i> |
| Common Name | Lettuce |
| Synonym | Nil |
| Accepted Date | 08 Jul 2008 |
| Applicant | Nunhems B.V. The Netherlands |
| Agent | Shelston IP Sydney, NSW |
| Qualified Person | John Oates |

Details of Comparative Trial

| | |
|-------------------------|--|
| Overseas Testing | Naktuinbouw, The Netherlands |
| Authority | |
| Overseas Data | SLA 2695 |
| Reference Number | |
| Location | Naktuinbouw-hoofdgebouw, Roelofarendsveen, The Netherlands |
| Descriptor | Lettuce (<i>Lactuca sativa</i>) TG/13/10 |
| Period | 2009-2010 |

Origin and Breeding

Controlled pollination: 'MULTIRED 3' originates from a cross between the Nunhems commercial variety 'Multy' and a Nunhems non-commercial line 74030278. plants from the cross were self-pollinated. Pedigree selection was performed from 2nd to 6th generation for the following characters: leaf shape, anthocyanin colouration, head size, leaf thickness, resistance to bolting, together with disease tests against *Bremia lactucae*. Line selection was followed from 7th to 9th generation when 'Multired 3' was selected. Breeder: Jan van Schijndel of Nunhems B.V.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------|---|
| Seed | colour | black |
| Leaf | anthocyanin | present |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|------------------------|
| 'Multired 5' | European observations. |
| 'Multired 1' | European observations. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|------------|---|--|---|
| 'Betanto' | Time of bolting | late | early |
| 'Pentared' | Time of bolting | late | early |
| 'Robinio' | Plant diameter | small to medium | medium to large |
| 'Robinio' | Leaf attitude harvest maturity | semi-erect | horizontal |
| 'Gaugin' | Leaf blade degree of undulation of margin | strong | absent or very weak |

| | | | | |
|----------|------------|--------------------------------|---------|---------------------|
| 'Renoir' | Leaf blade | degree of undulation of margin | strong | absent or very weak |
| Multy | Leaf | anthocyanin colouration | present | absent |

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

| Organ/Plant Part: Context | 'MULTIRED 3' | 'Multired 1' | 'Multired 5' |
|--|---------------------------|---------------------------|----------------------------|
| <input type="checkbox"/> *Seed: colour | black | black | black |
| <input type="checkbox"/> *Seedling: anthocyanin colouration | present | present | present |
| <input type="checkbox"/> Leaf: attitude at 10-12 leaf stage | semi-erect | | |
| <input type="checkbox"/> Leaf blade: division | divided | divided | divided |
| <input checked="" type="checkbox"/> *Plant: diameter | small to medium | medium to large | medium |
| <input type="checkbox"/> *Plant: head formation | no head | no head | no head |
| <input type="checkbox"/> Leaf: thickness | thin | thin | thin to medium |
| <input type="checkbox"/> Leaf: attitude at harvest maturity | semi-erect | semi-erect | semi-erect |
| <input type="checkbox"/> *Leaf: shape | transverse broad elliptic | transverse broad elliptic | transverse narrow elliptic |
| <input type="checkbox"/> Leaf: shape of tip | rounded | rounded | rounded |
| <input type="checkbox"/> *Leaf: hue of green colour of outer leaves | reddish | reddish | reddish |
| <input type="checkbox"/> *Leaf: intensity of colour of outer leaves | very dark | dark to very dark | dark to very dark |
| <input type="checkbox"/> *Leaf: anthocyanin colouration | present | present | present |
| <input type="checkbox"/> *Leaf: intensity of anthocyanin colouration | very strong | strong to very strong | strong to very strong |
| <input checked="" type="checkbox"/> Leaf: distribution of anthocyanin | localised | entire | entire |
| <input type="checkbox"/> Leaf: kind of anthocyanin distribution | diffused only | diffused only | diffused only |
| <input type="checkbox"/> Leaf: glossiness of upper side | medium to strong | strong | strong |
| <input checked="" type="checkbox"/> *Leaf: blistering | absent or very weak | weak | very weak to weak |
| <input type="checkbox"/> *Leaf blade: degree of undulation of margin | strong | medium to strong | medium to strong |
| <input type="checkbox"/> Leaf blade: incisions of margin on apical part | present | present | present |
| <input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part | shallow to medium | shallow to medium | shallow |
| <input type="checkbox"/> Leaf blade: density of incisions on margin on apical part | medium to dense | medium | medium to dense |
| <input type="checkbox"/> Leaf blade: type of incisions on apical part (varieties with shallow incisions on | dentate | dentate | dentate |

margin on apical part only)

| | | | | |
|-------------------------------------|---|---------------------|-------------------|-------------------|
| <input type="checkbox"/> | Leaf blade: venation | flabellate | flabellate | flabellate |
| <input type="checkbox"/> | Axillary: sprouting | absent or very weak | weak | weak |
| <input type="checkbox"/> | Time of: harvest maturity | medium | medium | medium |
| <input checked="" type="checkbox"/> | *Time of: beginning of bolting under long day conditions | late | early to medium | late to very late |
| <input type="checkbox"/> | Plant: fasciation | present | present | present |
| <input type="checkbox"/> | Plant: intensity of fasciation | very weak to weak | very weak to weak | very weak to weak |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:2 | absent | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:5 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:7 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:12 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:14 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:15 | present | | |
| <input type="checkbox"/> | *Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:16 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:17 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:18 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:20 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:21 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:22 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:23 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:24 | present | | |
| <input type="checkbox"/> | Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:25 | present | | |

Resistance to: lettuce mosaic virus (LMV) Strain Ls 1 absent

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|-----------------|-------------|-----------------------|---------------------|
| The Netherlands | 2008 | Applied | 'MULTIRED 3' |
| New Zealand | 2008 | Applied | 'MULTIRED 3' |
| EU | 2007 | Applied | 'MULTIRED 3' |
| USA | 2008 | Applied | 'MULTIRED 3' |

First sold in UK May 2007.

Description: **John Oates** Tuross Heads, NSW.

Details of Application

| | |
|---------------------------|------------------------------------|
| Application Number | 2007/165 |
| Variety Name | 'SuperSonic' |
| Genus Species | <i>Medicago sativa</i> |
| Common Name | Lucerne |
| Synonym | Alpha 1 |
| Accepted Date | 30 Jul 2007 |
| Applicant | Seed Genetics Australia, Unley, SA |
| Agent | N/A |
| Qualified Person | Joanne Williams |

Details of Comparative Trial

| | |
|---------------------|--|
| Location | Keith, SA |
| Descriptor | Lucerne (<i>Medicago sativa</i>) TG/6/5 |
| Period | 2009-2011 |
| Conditions | A comparative trial was conducted in a commercial field with flood irrigation. Plants were propagated from seed sown at 5kg/ha in plots 10m x 2m on 19 Jun 2009. |
| Trial Design | Randomised Block Design with three replicates. |
| Measurements | Observations were taken from sixty randomly selected plants, two and six weeks after autumn equinox 2010. Flowering scores recorded in Jan 2011, and number of seed pods recorded in early March 2011. |

RHS Chart - edition**Origin and Breeding**

Open pollination: 'SuperSonic' was developed by three cycles of mass selection in a population of clones selected from 'SuperSiriver' and a breeding population derived from individual plant selections from US varieties. Plants were selected for the fine stem and leafy appearance of 'SuperSiriver' and also higher winter-activity provided by the US varieties. Strong selections were also made for high seed yielding ability. In each cycle undesirable plants were progressively eliminated. 'SuperSonic' has been stable for two generations. Breeder: Seed Genetics Australia

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---|--|
| Plant | winter activity | high |
| Raceme | seed yield | high |
| Flower | frequency of plants with very dark blue violet flowers | medium |
| Flower | frequency of plants with variegated flowers | absent or very low |
| Flower | frequency of plants with cream, white or yellow flowers | absent or very low |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|----------|
| 'SuperSiriver' | |
| 'SuperSequel' | |
| 'Cuf101' | |
| 'Cropper9' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|-----------------|--------------------------------|--|---|
| 'Siriver Mk II' | Pods on main stem | seed yield high | moderate |
| 'Siriver' | Pods on main stem | seed yield high | moderate |
| 'Beacon' | Pods on main stem | seed yield high | moderate |

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 | 'SuperSonic' | 'Cropper9' | 'Cuf101' | 'SuperSequel' | 'SuperSiriver' |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| <input type="checkbox"/> Plant: growth habit in autumn of the first year | erect | erect | erect | erect | erect |
| <input type="checkbox"/> *Plant: natural height 2 weeks after the first autumn equinox following sowing | tall | tall | tall | tall | tall |
| <input type="checkbox"/> *Plant: natural height 6 weeks after the first autumn equinox following sowing | tall | tall | tall | tall | tall |
| <input type="checkbox"/> *Plant: natural height in spring | tall | tall | tall | tall | tall |
| <input type="checkbox"/> *Time of: beginning of flowering | early | early | early | early | early |
| <input type="checkbox"/> *Flower: frequency of plants with very dark blue violet flowers | medium | medium | medium | medium | medium |
| <input type="checkbox"/> *Flower: frequency of plants with variegated flowers | absent or very low | absent or very low | absent or very low | absent or very low | absent or very low |
| <input type="checkbox"/> *Flower: frequency of plants with cream, white or yellow flowers | absent or very low | absent or very low | absent or very low | absent or very low | absent or very low |
| <input type="checkbox"/> *Stem: length of the | long | long | long | long | long |

longest stem at full
flowering

| | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| <input type="checkbox"/> *Plant: tendency to grow during winter | dormancy rating 9 | dormancy rating 9 | dormancy rating 9 | dormancy rating 9 | dormancy rating 9 |
| <input type="checkbox"/> Resistance to: <i>Phytophthora medicaginis</i> | high | high to very high | low | high to very high | high to very high |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'SuperSonic' | 'Cropper9' | 'Cuf101' | 'SuperSequel' | 'SuperSiriver' |
|---|---------------------|-------------------|-----------------|----------------------|-----------------------|
| <input checked="" type="checkbox"/> Main stem: pods | high | moderate | moderate | moderate | moderate |
| <input checked="" type="checkbox"/> Main stem: racemes setting pods | high | high | moderate | high | high |
| <input checked="" type="checkbox"/> Main stem: aborted racemes | low | moderate | moderate | moderate | moderate |

Statistical Table

| Organ/Plant Part: Context | 'SuperSonic' | 'Cropper9' | 'Cuf101' | 'SuperSequel' | 'SuperSiriver' |
|---|---------------------|-------------------|-----------------|----------------------|-----------------------|
| <input checked="" type="checkbox"/> Main stem: number of aborted racemes | | | | | |
| Mean | 2.51 | 4.27 | 5.30 | 3.57 | 5.67 |
| Std. Deviation | 1.94 | 2.68 | 3.15 | 2.24 | 4.23 |
| LSD/sig | 1.33 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Main stem: number of racemes setting pods | | | | | |
| Mean | 8.39 | 7.47 | 6.22 | 7.75 | 7.98 |
| Std. Deviation | 3.11 | 3.22 | 3.56 | 2.42 | 3.63 |
| LSD/sig | 1.15 | ns | P≤0.01 | ns | ns |
| <input checked="" type="checkbox"/> Main stem: number of pods | | | | | |
| Mean | 31.80 | 16.72 | 13.30 | 18.83 | 19.20 |
| Std. Deviation | 11.77 | 9.66 | 9.17 | 8.19 | 11.75 |
| LSD/sig | 4.96 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **Joanne Williams**, Keith, SA

Details of Application

| | |
|---------------------------|--|
| Application Number | 2010/247 |
| Variety Name | 'May Bright' |
| Genus Species | <i>Prunus persica</i> var <i>nucipersica</i> |
| Common Name | Nectarine |
| Synonym | Nil |
| Accepted Date | 24 Nov 2010 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|---|
| Overseas Testing Authority | US Patent and Trade Mark Office (USPTO) |
| Overseas Data Reference Number | PP21, 928 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgson Vale 4352 |
| Descriptor | Nectarine (<i>Prunus persica</i>) TG/53/6 |
| Period | 3 years |
| Conditions | The conditions during the trial were normal for the growing conditions at Hodgson Vale, QLD. Several severe rain events occurred with no effect on the observations. Industry standard horticultural practices were used for the duration of the trial. Supplemental irrigation was used for the duration of the trial as required. |
| Trial Design | The trial was planted with 10 trees each of the candidate variety and the comparators at 2.5m between trees and 5.0m row spacings. |
| Measurements | Observations of the characteristics of the tree and fruit were made and compared to the description provided from the US Plant Patent. In all instances all of the characteristics were the same as described. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The new variety was hybridised by the breeder in 2003 as a first generation cross using an unnamed nectarine as the selected seed parent and an unnamed low chill nectarine as the selected pollen parent. The unnamed seed parent is a first generation cross using 'Early Diamond' nectarine as the selected seed parent and 'May Fire' nectarine as the selected pollen parent. The pollen parent of the new variety was developed as a seedling of an open pollinated low chill peach. The fruit of this cross was gathered in 2003 and the seeds were removed and germinated using embryo rescue technique and grown as seedlings on their own root in a greenhouse. Upon reaching dormancy they were transplanted in top a cultivated area of the experimental orchard at Bradford Farms. During the spring of 2006 the breeder selected the new variety as a single plant from the group of seedlings described above. Subsequent to the origination of the new variety it was asexually reproduced through budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|---------|---|
| Tree | size | medium |
| Flower | type | showy |
| Petal | shape | round |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|---------------|----------|
| 'Rose Bright' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|------------------|--------------------------------|--|---|--|
| 'Diamond Pearl' | Fruit flesh colour | yellow | white | 'Diamond Pearl' is an early maturing nectarine but is excluded because it has white flesh. |
| 'Diamond Bright' | Fruit maturity | very early | early | 'Diamond Bright' is an early maturing nectarine but is excluded because it matures 3 weeks later than the candidate variety. |

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

| Organ/Plant Part: Context | 'May Bright' | 'Rose Bright' |
|---|------------------|------------------|
| <input type="checkbox"/> *Tree: size | medium | medium |
| <input type="checkbox"/> Tree: vigour | medium to strong | strong |
| <input type="checkbox"/> *Tree: habit | spreading | spreading |
| <input type="checkbox"/> Flowering shoot: thickness | medium | medium |
| <input type="checkbox"/> Flowering shoot: length of internodes | medium | medium |
| <input type="checkbox"/> *Flowering shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration | medium to strong | medium to strong |
| <input type="checkbox"/> *Flowering shoot: density of flower buds | medium to dense | dense |
| <input type="checkbox"/> Flowering shoot: general distribution of flower buds | isolated | isolated |
| <input type="checkbox"/> *Flower: type | showy | showy |
| <input type="checkbox"/> *Calyx: colour of inner side | orange | orange |
| <input type="checkbox"/> *Corolla: predominant colour | medium pink | dark pink |
| <input type="checkbox"/> *Petal: shape | round | round |

| | | | |
|-------------------------------------|--|---------------------|---------------------------|
| <input type="checkbox"/> | *Petal: size | large | large |
| <input type="checkbox"/> | *Petals: number | five | five |
| <input type="checkbox"/> | Stamens: position | same level | same level |
| <input type="checkbox"/> | *Stigma: position | same level | same level |
| <input type="checkbox"/> | *Anthers: pollen | present | present |
| <input type="checkbox"/> | *Ovary: pubescence | absent | absent |
| <input type="checkbox"/> | Young shoot: length of stipule | medium | medium |
| <input type="checkbox"/> | *Leaf blade: length | medium to long | medium to long |
| <input type="checkbox"/> | *Leaf blade: width | medium | medium to broad |
| <input type="checkbox"/> | *Leaf blade: ratio | medium | medium to large |
| <input type="checkbox"/> | Leaf blade: shape in cross section | concave | concave |
| <input type="checkbox"/> | Leaf blade: recurvature of apex | present | present |
| <input type="checkbox"/> | Leaf blade: angle at base | acute | approximately right angle |
| <input type="checkbox"/> | Leaf blade: angle at apex | small to medium | small |
| <input type="checkbox"/> | Leaf blade: colour | green | green |
| <input type="checkbox"/> | Petiole: length | medium | medium |
| <input type="checkbox"/> | *Petiole: nectaries | present | present |
| <input type="checkbox"/> | *Petiole: shape of nectaries | round | round |
| <input checked="" type="checkbox"/> | Petiole: predominant number of nectaries | more than two | two |
| <input type="checkbox"/> | *Fruit: size | medium to large | medium to large |
| <input type="checkbox"/> | *Fruit: shape | oblate | round |
| <input type="checkbox"/> | *Fruit: shape of pistil end | weakly depressed | weakly depressed |
| <input checked="" type="checkbox"/> | Fruit: symmetry | asymmetric | symmetric |
| <input type="checkbox"/> | Fruit: prominence of suture | medium | medium to strong |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | medium | medium |
| <input type="checkbox"/> | Fruit: width of stalk cavity | medium | medium |
| <input type="checkbox"/> | *Fruit: ground colour | orange yellow | orange yellow |
| <input type="checkbox"/> | Fruit: over colour | present | present |
| <input type="checkbox"/> | Fruit: hue of over colour | dark red | medium red |
| <input type="checkbox"/> | *Fruit: pattern of over colour | solid flush | solid flush |
| <input type="checkbox"/> | *Fruit: extent of over colour | large to very large | large to very large |
| <input type="checkbox"/> | *Fruit: pubescence | absent | absent |
| <input type="checkbox"/> | Fruit: thickness of skin | thin to medium | thin to medium |

| | | | |
|-------------------------------------|---|---------------------------------|--------------------|
| <input type="checkbox"/> | Fruit: adherence of skin to flesh | strong | strong |
| <input type="checkbox"/> | *Fruit: firmness of flesh | firm | firm to very firm |
| <input type="checkbox"/> | *Fruit: ground colour of flesh | yellow | yellow |
| <input checked="" type="checkbox"/> | *Fruit: anthocyanin colouration directly under skin | absent or very weakly expressed | strongly expressed |
| <input type="checkbox"/> | *Fruit: anthocyanin colouration of flesh | absent or very weakly expressed | weakly expressed |
| <input type="checkbox"/> | *Fruit: anthocyanin colouration around stone | absent or very weakly expressed | weakly expressed |
| <input type="checkbox"/> | Fruit: texture of the flesh | not fibrous | not fibrous |
| <input checked="" type="checkbox"/> | Fruit: sweetness | high to very high | medium |
| <input type="checkbox"/> | Fruit: acidity | medium to high | medium to high |
| <input type="checkbox"/> | *Stone: size compared to fruit | medium | medium |
| <input type="checkbox"/> | *Stone: shape | obovate | elliptic |
| <input type="checkbox"/> | Stone: intensity of brown colour | medium | medium |
| <input type="checkbox"/> | Stone: relief of surface | pits and grooves | pits and grooves |
| <input type="checkbox"/> | Stone: tendency of splitting | absent or very low | very low to low |
| <input type="checkbox"/> | *Stone: adherence to flesh | present | present |
| <input type="checkbox"/> | Stone: degree of adherence to flesh | strong | strong |
| <input checked="" type="checkbox"/> | Time of: leaf bud burst | very early | early to medium |
| <input checked="" type="checkbox"/> | *Time of: beginning of flowering | very early | early to medium |
| <input type="checkbox"/> | *Duration of: flowering | short to medium | short to medium |
| <input type="checkbox"/> | *Time of: maturity | very early | early |
| <input type="checkbox"/> | Tendency to: preharvest drop | very weak to weak | very weak to weak |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2009 | Granted | 'May Brightl' |

First sold in the USA in Jan 2006

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2010/243 |
| Variety Name | 'May Pearl' |
| Genus Species | <i>Prunus persica</i> var <i>nucipersica</i> |
| Common Name | Nectarine |
| Synonym | Nil |
| Accepted Date | 24 Nov 2010 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 17,254 |
| Location | 262 Breydon Rd, Hodgsonvale, QLD, 4352 |
| Descriptor | Nectarine (<i>Prunus persica</i>) TG/53/6 |
| Period | 3 years |
| Conditions | The trial was conducted under normal growing conditions for the Hodgsonvale area was experienced for the duration of the trial. There were several wet weather events that had no effect on the trial. Standard horticultural practice was carried out during the trial. Supplemental irrigation was used on an as need basis. |
| Trial Design | Ten trees of the candidate variety and comparators were planted at 2.5m between trees and 5m between rows. |
| Measurements | During the life of the trial observations were made and compared to the data supplied in the US Plant Patent. All of the observations were the same or very similar to the data provided. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The new variety was developed as a first generation cross using 'June Pearl' white fleshed nectarine as the selected seed parent and 'Rose Diamond' yellow fleshed nectarine as the selected pollen parent. Subsequent to the origination of the present variety of nectarine. It was asexually reproduced through budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------------|--|
| tree | habit | semi-upright |
| flowering shoot | anthocyanin colouration | present |
| flower | type | showy |
| petal | shape | round |
| petals | number | five |
| fruit | ground colour of flesh | white |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------------|----------------|
| 'June Pearl' | Seed parent. |
| 'Rose Diamond' | Pollen parent. |
| 'Diamond Pearl' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics in Candidate Variety | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|----------------|---|--|---|--|
| 'Rose Diamond' | Fruit flesh colour | white | yellow | 'Rose Diamond' is the selected pollen parent but is excluded because of the differences in flesh colour and flavour. |
| 'Rose Diamond' | Fruit flavour | sub-acid | acid | 'June Pearl' is the selected seed parent but is excluded because it matures 35 days later. |
| 'June Pearl' | Fruit maturity | very 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 | 'May Pearl' | 'Diamond Pearl' |
|---|---------------------|------------------|
| <input checked="" type="checkbox"/> *Tree: size | medium | large |
| <input type="checkbox"/> Tree: vigour | medium | medium to strong |
| <input type="checkbox"/> *Tree: habit | semi-upright | semi-upright |
| <input type="checkbox"/> Flowering shoot: thickness | medium | medium |
| <input type="checkbox"/> Flowering shoot: length of internodes | medium | medium |
| <input type="checkbox"/> *Flowering shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration | medium to strong | medium to strong |
| <input type="checkbox"/> *Flowering shoot: density of flower buds | medium to dense | medium |
| <input type="checkbox"/> Flowering shoot: general distribution of flower buds | isolated | isolated |
| <input type="checkbox"/> *Flower: type | showy | showy |
| <input type="checkbox"/> *Calyx: colour of inner side | greenish yellow | greenish yellow |
| <input type="checkbox"/> *Corolla: predominant colour | medium pink | medium pink |
| <input type="checkbox"/> *Petal: shape | round | round |
| <input type="checkbox"/> *Petal: size | large to very large | large |
| <input type="checkbox"/> *Petals: number | five | five |

| | | | |
|-------------------------------------|--|---------------------------|---------------------------|
| <input type="checkbox"/> | Stamens: position | same level | same level |
| <input type="checkbox"/> | *Stigma: position | same level | same level |
| <input type="checkbox"/> | *Anthers: pollen | present | present |
| <input type="checkbox"/> | *Ovary: pubescence | absent | absent |
| <input type="checkbox"/> | Young shoot: length of stipule | medium | medium |
| <input type="checkbox"/> | *Leaf blade: length | medium to long | medium to long |
| <input type="checkbox"/> | *Leaf blade: width | medium to broad | medium to broad |
| <input type="checkbox"/> | *Leaf blade: ratio | medium | medium |
| <input type="checkbox"/> | Leaf blade: shape in cross section | concave | concave |
| <input type="checkbox"/> | Leaf blade: recurvature of apex | present | present |
| <input type="checkbox"/> | Leaf blade: angle at base | approximately right angle | approximately right angle |
| <input type="checkbox"/> | Leaf blade: angle at apex | small to medium | small to medium |
| <input type="checkbox"/> | Leaf blade: colour | green | green |
| <input type="checkbox"/> | Petiole: length | medium | medium |
| <input type="checkbox"/> | *Petiole: nectaries | present | present |
| <input checked="" type="checkbox"/> | *Petiole: shape of nectaries | round | reniform |
| <input checked="" type="checkbox"/> | Petiole: predominant number of nectaries | two | more than two |
| <input checked="" type="checkbox"/> | *Fruit: size | medium | large |
| <input type="checkbox"/> | *Fruit: shape | round | round |
| <input type="checkbox"/> | *Fruit: shape of pistil end | flat | weakly depressed |
| <input type="checkbox"/> | Fruit: symmetry | symmetric | symmetric |
| <input type="checkbox"/> | Fruit: prominence of suture | medium | medium to strong |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | medium | medium |
| <input type="checkbox"/> | Fruit: width of stalk cavity | narrow to medium | medium |
| <input checked="" type="checkbox"/> | *Fruit: ground colour | greenish white | cream |
| <input type="checkbox"/> | Fruit: over colour | present | present |
| <input type="checkbox"/> | Fruit: hue of over colour | dark red | dark red |
| <input type="checkbox"/> | *Fruit: pattern of over colour | striped | solid flush |
| <input type="checkbox"/> | *Fruit: extent of over colour | large to very large | large to very large |
| <input type="checkbox"/> | *Fruit: pubescence | absent | absent |
| <input type="checkbox"/> | Fruit: thickness of skin | thin to medium | thin to medium |
| <input type="checkbox"/> | Fruit: adherence of skin to flesh | strong | strong |
| <input type="checkbox"/> | *Fruit: firmness of flesh | medium to firm | firm |

| | | | |
|-------------------------------------|---|---------------------------------|---------------------------------|
| <input type="checkbox"/> | *Fruit: ground colour of flesh | white | white |
| <input type="checkbox"/> | *Fruit: anthocyanin colouration directly under skin | absent or very weakly expressed | absent or very weakly expressed |
| <input type="checkbox"/> | *Fruit: anthocyanin colouration of flesh | absent or very weakly expressed | absent or very weakly expressed |
| <input type="checkbox"/> | *Fruit: anthocyanin colouration around stone | absent or very weakly expressed | absent or very weakly expressed |
| <input type="checkbox"/> | Fruit: texture of the flesh | not fibrous | not fibrous |
| <input type="checkbox"/> | Fruit: sweetness | high | high to very high |
| <input type="checkbox"/> | Fruit: acidity | low | very low to low |
| <input type="checkbox"/> | *Stone: size compared to fruit | medium | medium |
| <input type="checkbox"/> | *Stone: shape | elliptic | elliptic |
| <input type="checkbox"/> | Stone: intensity of brown colour | light | light to medium |
| <input type="checkbox"/> | Stone: relief of surface | pits and grooves | pits and grooves |
| <input type="checkbox"/> | Stone: tendency of splitting | very low to low | very low to low |
| <input type="checkbox"/> | *Stone: adherence to flesh | present | present |
| <input type="checkbox"/> | Stone: degree of adherence to flesh | strong | strong |
| <input checked="" type="checkbox"/> | Time of: leaf bud burst | very early to early | medium to late |
| <input checked="" type="checkbox"/> | *Time of: beginning of flowering | very early to early | medium to late |
| <input type="checkbox"/> | *Duration of: flowering | medium | medium |
| <input checked="" type="checkbox"/> | *Time of: maturity | very early | early to medium |
| <input type="checkbox"/> | Tendency to: preharvest drop | very weak to weak | absent or very weak |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| France | 2007 | Applied | 'May Pearl' |
| EU | 2009 | Applied | 'May Pearl' |
| USA | 2005 | Granted | 'May Pearl' |

First sold in the USA in Jan 2005

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2010/279 |
| Variety Name | 'Choc N' Cherry' |
| Genus Species | <i>Phormium tenax</i> |
| Common Name | New Zealand Flax |
| Synonym | Nil |
| Accepted Date | 17 Dec 2010 |
| Applicant | Mount Boyce Nurseries Pty Ltd, Blackheath, NSW |
| Agent | N/A |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Blackheath, NSW |
| Descriptor | Phormium (<i>Phormium tenax</i>) PBR PHOR |
| Period | Jul 2010 – Dec 2010 |
| Conditions | Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | From ten plants at random |
| RHS Chart - edition | 2007 |

Origin and Breeding

Open pollination followed by seedling selection: seed parent 'Anna Red'. The seed parent is characterised by a brown coloured leaf upper side middle zone and tall plant height. Selection took place in Blackheath, NSW in 2005. Selection criteria: leaf colour with red upper side contrast to brown reverse. Propagation: vegetative, cuttings are found to be uniform and stable. Breeder: Dick Harris, Blackheath, NSW. All work was carried out at Blackheath, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------|--|
| Plant | height | tall to very tall |
| Plant | width | medium |
| Plant | number of suckers | few to medium |
| Plant | main colour | brown |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Anna Red' | Parent variety |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristic | State of Expression in Candidate Variety | State of Expression in Comparator Variety | |
|----------------|-------------------------------|--|---|---------------------------|
| 'Border Black' | Leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | brown (ca RHS 200A) |
| 'PHORD1' | Young leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | purple (darker than N77A) |
| 'Merlot' | Young leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | brown (RHS 200A) |
| 'Black Prince' | Young leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | brown (RHS 200A) |
| 'Burgundy' | Young leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | brown (RHS 200A) |
| 'Dark Delight' | Young leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | brown (RHS 200A) |
| 'PHOS2' | Young leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | yellow-green (RHS 144A) |
| 'Elfin' | Young leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | yellow-green (RHS 144A) |
| 'PHOS3' | Young leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | yellow-green (RHS 144C) |
| 'Bronze Baby' | Young leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | yellow-green (RHS 144A) |
| 'Veneer' | Leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | greyed-yellow (RHS 160A) |
| 'Jester' | Leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | greyed-red (RHS 181B) |
| 'Maori Maiden' | Leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | greyed-red (RHS 181B) |
| 'PhoHar02' | Leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | brown (RHS 200A) |
| 'Purple Haze' | Leaf | main colour of middle zone on | greyed-purple (RHS N186C) | brown (RHS 200A) |

| | | | | |
|---------------|------|--|---------------------------|------------------|
| | | upper side | | |
| ‘PhoHar01’ | Leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | brown (RHS 200B) |
| ‘Bronze Baby’ | Leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | brown (RHS 200B) |
| ‘PHOS4’ | Leaf | main colour of middle zone on upper side | greyed-purple (RHS N186C) | brown (RHS 200C) |

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 | ‘Choc N’ Cherry’ | ‘Anna Red’ |
|--|-------------------|-------------------|
| <input type="checkbox"/> Plant: height | tall to very tall | tall to very tall |
| <input type="checkbox"/> Plant: width | medium | medium |
| <input type="checkbox"/> Plant: number of suckers | few to medium | few to medium |
| <input type="checkbox"/> Plant: number of leaves | many | many |
| <input type="checkbox"/> Plant: main colour | brown | brown |
| <input type="checkbox"/> Leaf: length | long | long |
| <input type="checkbox"/> Leaf: width at broadest part | medium to broad | medium to broad |
| <input checked="" type="checkbox"/> Young leaf: main colour of middle zone on upper side (RHS colour chart) | N186C | 200B-C |
| <input type="checkbox"/> Young leaf: main colour of margin zone on upper side (RHS colour chart) | 187A | 187B |
| <input type="checkbox"/> Young leaf: main colour of middle zone on lower side (RHS colour chart) | ca 200C | 200C |
| <input type="checkbox"/> Young leaf: main colour of margin zone on lower side (RHS colour chart) | 187B | 187B |
| <input checked="" type="checkbox"/> Leaf: main colour of middle zone on upper side (RHS colour chart) | N186C | 200A |
| <input checked="" type="checkbox"/> Leaf: secondary colour/s of middle zone on upper side (RHS colour chart) | 200A | n/a |
| <input checked="" type="checkbox"/> Leaf: main colour of margin zone on upper side (RHS colour chart) | N186C | 187B |
| <input checked="" type="checkbox"/> Leaf: colour of edge on upper side (RHS colour chart) | 183A | n/a |
| <input checked="" type="checkbox"/> Leaf: main colour of middle zone on lower side (RHS colour chart) | 201B | 200A |
| <input checked="" type="checkbox"/> Leaf: main colour of margin zone on lower side (RHS colour chart) | 201B | 187B |

| | | | |
|-------------------------------------|---|------|-----|
| <input checked="" type="checkbox"/> | Leaf: colour of edge on lower side (RHS colour chart) | 183A | n/a |
|-------------------------------------|---|------|-----|

Statistical Table

| Organ/Plant Part: Context | 'Choc N' Cherry' | 'Anna Red' |
|--|-------------------------|-------------------|
| <input type="checkbox"/> Leaf: length (cm) | | |
| Mean | 75.40 | 71.60 |
| Std. Deviation | 6.70 | 7.00 |
| LSD/sig | 8.84 | ns |
| <input type="checkbox"/> Leaf: width (mm) | | |
| Mean | 32.10 | 32.00 |
| Std. Deviation | 3.00 | 4.20 |
| LSD/sig | 4.65 | ns |

Prior Applications and Sales

Nil.

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/174 |
| Variety Name | 'Super Lady' |
| Genus Species | <i>Prunus persica</i> |
| Common Name | Peach |
| Synonym | |
| Accepted Date | 24 Jun 2008 |
| Applicant | Zaiger's Inc. Genetics, Modesto, USA. |
| Agent | Graham's Factree Pty Ltd, Hoddles Creek, VIC |
| Qualified Person | Lisa Corcoran |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | US Patent and Trade Marks Office |
| Overseas Data Reference Number | US PP15,578 |
| Descriptor Period | Peach/Nectarine (<i>Prunus persica</i>) TG/53/6 |
| Conditions | Where possible the overseas data was verified under local conditions. The US Plant Patent data was converted into standard UPOV characteristics for peach. |

Origin and Breeding

Controlled Pollination: '171LE615' x '54Z432'. The new and distinct variety of peach tree was developed by Zaiger's Inc Genetics at their experimental orchard located near Modesto, California, USA as a first generation cross between the two proprietary breeding lines. The seed parent has higher chilling requirement and matures 5 days later than the candidate. The pollen parent has lower chilling requirement than the candidate and produces medium sized fruits. A large number of these first generation crosses were budded to Nemaguard rootstock and in 2001 the new variety was selected for further asexual propagation and commercialisation based on its desirable fruiting characteristics. Breeder: Zaiger's Inc Genetics.

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 | type | showy |
| Fruit | anthocyanin colouration of skin/flesh | absent or very weakly expressed |
| Fruit | adherence of stone to flesh | present |
| Plant | time of maturity | very early to early |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|-----------------|
| 'Super Zee' | |
| 'May Princess' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---------------|--------------------------------|--|---|---|
| 'Desert Gold' | Plant maturity date | 21 days earlier | 21 days later to the candidate | |
| 'Desert Gold' | fruit size | large | medium | |
| 'Desert Gold' | fruit firmness | firm | medium soft | |
| 'Earlitreat' | fruit chilling requirement | | | The fruit is considered to have a significant bleeding throughout the flesh |
| 'Super Rich' | fruit maturity date | 7 days earlier | 7 days later | |
| 'Super Rich' | Fruit chilling requirement | approximately 350 hours | approximately 800 hours | |

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 | 'Super Lady' | 'May Princess' | 'Super Zee' |
|--|-----------------|----------------|-----------------|
| <input type="checkbox"/> *Tree: size | large | large | large |
| <input type="checkbox"/> Tree: vigour | strong | strong | strong |
| <input checked="" type="checkbox"/> *Tree: habit | upright | spreading | upright |
| <input type="checkbox"/> *Flower: type | showy | showy | showy |
| <input checked="" type="checkbox"/> *Petal: shape | round | broad elliptic | round |
| <input type="checkbox"/> *Petal: size | large | large | large |
| <input type="checkbox"/> *Petals: number | five | five | five |
| <input type="checkbox"/> Stamens: position | below | below | |
| <input checked="" type="checkbox"/> *Stigma: position | above | above | same level |
| <input type="checkbox"/> *Anthers: pollen | present | present | present |
| <input type="checkbox"/> *Ovary: pubescence | present | present | present |
| <input type="checkbox"/> *Leaf blade: length | long | medium to long | medium to long |
| <input checked="" type="checkbox"/> *Leaf blade: width | broad | medium | medium to broad |
| <input type="checkbox"/> Petiole: length | medium | medium | medium |
| <input type="checkbox"/> *Petiole: nectaries | present | present | present |
| <input checked="" type="checkbox"/> *Petiole: shape of nectaries | round | reniform | round |
| <input checked="" type="checkbox"/> Petiole: predominant number of nectaries | two | more than two | |
| <input type="checkbox"/> *Fruit: size | medium to large | medium | medium |

| | | | | |
|-------------------------------------|---|---------------------------------|---------------------------------|---------------------------------|
| <input checked="" type="checkbox"/> | *Fruit: shape | round | oblate | round |
| <input type="checkbox"/> | *Fruit: ground colour | orange yellow | yellow | |
| <input type="checkbox"/> | Fruit: over colour | present | present | |
| <input type="checkbox"/> | Fruit: hue of over colour | medium red | dark red | |
| <input type="checkbox"/> | *Fruit: pattern of over colour | mottled | striped | |
| <input type="checkbox"/> | *Fruit: extent of over colour | medium | medium to large | |
| <input type="checkbox"/> | *Fruit: pubescence | present | present | |
| <input type="checkbox"/> | *Fruit: density of pubescence | medium | medium | |
| <input type="checkbox"/> | Fruit: thickness of skin | medium | thin to medium | medium |
| <input type="checkbox"/> | *Fruit: firmness of flesh | firm | medium to firm | firm |
| <input type="checkbox"/> | *Fruit: ground colour of flesh | yellow | light yellow | |
| <input type="checkbox"/> | *Fruit: anthocyanin colouration directly under skin | absent or very weakly expressed | absent or very weakly expressed | absent or very weakly expressed |
| <input type="checkbox"/> | *Fruit: anthocyanin colouration of flesh | absent or very weakly expressed | absent or very weakly expressed | absent or very weakly expressed |
| <input type="checkbox"/> | *Fruit: anthocyanin colouration around stone | absent or very weakly expressed | absent or very weakly expressed | absent or very weakly expressed |
| <input checked="" type="checkbox"/> | Fruit: texture of the flesh | fibrous | not fibrous | |
| <input type="checkbox"/> | Fruit: sweetness | medium | medium to high | |
| <input type="checkbox"/> | Fruit: acidity | medium | medium to high | |
| <input type="checkbox"/> | *Stone: size compared to fruit | medium to large | medium to large | |
| <input type="checkbox"/> | *Stone: shape | elliptic | elliptic | |
| <input type="checkbox"/> | *Stone: adherence to flesh | present | present | present |
| <input type="checkbox"/> | *Time of: beginning of flowering | very early | early | |
| <input type="checkbox"/> | *Time of: maturity | very early | very early to early | very early |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Super Lady' | 'May Princess' | 'Super Zee' |
|---|---------------------|-----------------------|--------------------|
| <input checked="" type="checkbox"/> Fruit: chill unit | low | low | very low |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2004 | Granted | 'Super Lady' |

First sold in USA February 2005.

Description: **Lisa Corcoran**, Hoddles Creek, VIC

Details of Application

| | |
|---------------------------|---|
| Application Number | 2004/170 |
| Variety Name | 'Bolton' |
| Genus Species | <i>Lolium perenne</i> |
| Common Name | Perennial Ryegrass |
| Synonym | |
| Accepted Date | 06 Aug 2004 |
| Applicant | Agriculture Victoria Services Pty Ltd, Attwood, VIC |
| Agent | |
| Qualified Person | Evan Johnston |

Details of Comparative Trial

| | |
|---------------------|--|
| Location | Christchurch, New Zealand |
| Descriptor | Ryegrass (new) (<i>Lolium</i> spp.) TG/4/8. |
| Period | Feb 2010 – Dec 2010 |
| Conditions | Single seedlings were raised in a glasshouse and transplanted into the field as spaced plants after a period of hardening off. Weeds were controlled by hand hoeing and overhead irrigation applied as required. |
| Trial Design | Trial design was a randomised complete block, 6 replicates of 12 plants giving 72 plants per variety. Two replicates of single row plots were also sown. |
| Measurements | Observations and measurements taken in the field at the appropriate growth stages. Measurements from 60 plants per variety. |

RHS Chart - edition**Origin and Breeding**

Open pollination: selections from Victorian ecotype. 'Bolton' was selected from within a spaced plant nursery based on an ecotype collection made in 1992 from the perennial ryegrass Victorian Ecotype. Following three years visual characterisation of the nursery superior genotypes were selected for yield, disease resistance, habit and maturity. These genotypes were open pollinated under isolation conditions to generate half-sib families. The families were evaluated at three sites over three seasons as replicated drill rows. Yield and disease resistance were assessed under field and also glasshouse conditions. Using a selection index and disease screening results superior parents were selected and used for synthetic cultivar formation. 'Bolton' has undergone seed multiplication to Syn1 under isolation in a greenhouse and then Syn2 and Syn3 in a crop (cereal) isolation. 'Bolton' differs from Victorian ecotype in being uniform and stable and earlier than Victorian ecotype which has a variable flowering time. Breeder: Department of Primary Industries, VIC.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---------------------------------|--|
| Plant | ploidy | diploid |
| Flag leaf | length | medium |
| Plant | time of inflorescence emergence | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------|---|
| 'AusVic' | early flowering selection from the Victorian Ecotype. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------|--------------------------------|--|---|
| 'Avalon' | Time of flowering | medium | late |

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

| Organ/Plant Part: Context | 'Bolton' | 'AusVic' |
|--|-----------------|----------------------|
| <input type="checkbox"/> *Plant: ploidy | diploid | diploid |
| <input type="checkbox"/> Plant: vegetative growth habit (without vernalisation) | medium | semi-erect to medium |
| <input type="checkbox"/> Leaf: length | medium to long | medium to long |
| <input type="checkbox"/> Leaf: width | medium | medium |
| <input type="checkbox"/> Leaf: intensity of green colour | medium | medium |
| <input type="checkbox"/> Plant: width | medium | medium |
| <input type="checkbox"/> Plant: vegetative growth habit (after vernalisation) | medium | semi-erect to medium |
| <input checked="" type="checkbox"/> Plant: height | short to medium | tall |
| <input type="checkbox"/> *Plant: time of inflorescence emergence (after vernalisation) | medium | medium |
| <input type="checkbox"/> Plant: natural height at inflorescence emergence | short to medium | medium |
| <input type="checkbox"/> Plant: width at inflorescence emergence | medium | medium |
| <input type="checkbox"/> *Flag leaf: length | medium | medium |
| <input checked="" type="checkbox"/> *Flag leaf: width | medium | medium to broad |
| <input type="checkbox"/> Flag leaf: length/width ratio | medium | low to medium |
| <input checked="" type="checkbox"/> *Plant: length of longest stem, inflorescence included | medium to long | long |
| <input type="checkbox"/> Plant: length of upper internode | medium | medium |
| <input type="checkbox"/> Inflorescence: length | medium | medium to long |
| <input type="checkbox"/> Inflorescence: number of spikelets | many | many |
| <input type="checkbox"/> Inflorescence: length of outer glume on basal spikelet | short to medium | short to medium |
| <input type="checkbox"/> Inflorescence: length of basal spikelet excluding awn | medium | medium |

Statistical Table

| Organ/Plant Part: Context | 'Bolton' | 'AusVic' |
|---|----------|----------|
| <input checked="" type="checkbox"/> Stem: upper internode length (mm) | | |
| Mean | 306.25 | 783.08 |
| Std. Deviation | 12.93 | 9.77 |

| | | |
|--|---------|--------|
| LSD/sig | 18.69 | P≤0.01 |
| <input type="checkbox"/> Flag leaf: length (mm) | | |
| Mean | 176.08 | 175.42 |
| Std. Deviation | 13.19 | 13.26 |
| LSD/sig | 12.5840 | ns |
| <input type="checkbox"/> Flag leaf: width (mm) | | |
| Mean | 6.88 | 7.77 |
| Std. Deviation | 0.26 | 0.31 |
| LSD/sig | 0.45 | P≤0.01 |
| <input checked="" type="checkbox"/> Flag leaf: length/width ratio (mm) | | |
| Mean | 25.94 | 22.89 |
| Std. Deviation | 1.84 | 1.49 |
| LSD/sig | 1.91 | P≤0.01 |
| <input type="checkbox"/> Stem: length (mm) | | |
| Mean | 699.83 | 783.08 |
| Std. Deviation | 13.06 | 9.77 |
| LSD/sig | 32.5 | P≤0.01 |
| <input checked="" type="checkbox"/> Inflorescence: length (mm) | | |
| Mean | 238.08 | 274.58 |
| Std. Deviation | 10.71 | 6.40 |
| LSD/sig | 14.318 | P≤0.01 |
| <input checked="" type="checkbox"/> Inflorescence: number of spikelets | | |
| Mean | 24.67 | 28.08 |
| Std. Deviation | 1.63 | 2.13 |
| LSD/sig | 2.02 | P≤0.01 |
| <input type="checkbox"/> Inflorescence: glume length (mm) | | |
| Mean | 13.72 | 13.91 |
| Std. Deviation | 0.44 | 0.60 |
| LSD/sig | 0.73 | ns |
| <input type="checkbox"/> Inflorescence: spikelet length (mm) | | |
| Mean | 21.07 | 21.92 |
| Std. Deviation | 0.73 | 1.47 |
| LSD/sig | 0.73 | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **Evan Johnston**, Canterbury, New Zealand.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2001/103 |
| Variety Name | 'Sutter' |
| Genus Species | <i>Prunus domestica</i> |
| Common Name | Plum |
| Synonym | Nil |
| Accepted Date | 28 May 2001 |
| Applicant | The Regents of the University of California, USA |
| Agent | Phillips Ormonde & Fitzpatrick, Melbourne, VIC. |
| Qualified Person | Leslie Mitchell |

Details of Comparative Trial

| | |
|-------------------------|---|
| Overseas Testing | US Patent and Trade Mark Office (USPTO) |
| Authority | |
| Overseas Data | US PP 12398 |
| Reference Number | |
| Location | Parlier, California, USA |
| Descriptor | European Plum (<i>Prunus domestica</i>) TG/41/5 |
| Period | 1999 |

Origin and Breeding

Controlled pollination: The new cultivar of *Prunus domestica* was created during the course of prune breeding research carried out at the Kearney Agricultural Centre of the University of California located at Parlier, California, during the breeding program over 500 crosses was attempted following emasculation. Seeds resulting from such cross pollination were harvested at the end of the growing season. These were planted during 1998 and the resulting plants were given the group designation P**.17. The seedlings were grown in a nursery at Parlier and were carefully studied during the remainder of 1988 and 1989. At the end of the 1989 growing season 205 small trees were dug and placed into cold storage. These trees were transplanted into seedling rows in the spring of 1991 and their study continued. A single tree of the new cultivar was selected during 1993 when such seedling first fruited. The new cultivar has been asexually reproduced by grafting and budding. During Feb of 1994 the new cultivar was asexually propagated at Parlier by grafting onto 'Marianna' rootstock. The resulting tree produced a small amount of fruit in 1995 and the first significant amount of fruit in 1996. Good fruit production continued through 1997-1999. The fruit produced on the propagated tree was the same as that of the original seedling in all respects. The new cultivar was first grafted onto 'Myrobalon 29C' rootstock in 1996. Such propagation was also successful. Attempted field grafts onto peach rootstock have resulted in scion breakage at the graft union. Accordingly peach rootstocks are not recommended. The new cultivar was found to reproduce true to form via asexual propagation using 'Marianna' and 'Myrobalon' 29C rootstocks and performed well in all respects. Breeder: Theodore M DeJong and James F Doyle, 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 | shape in lateral view | obovate |
| Fruit | colour of flesh | orange |
| Stone | shape in ventral view | elliptic |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------------|----------|
| 'Improved French' | |

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 | 'Sutter' | 'Improved French' |
|--|--------------------------------|-------------------|
| <input type="checkbox"/> Tree: vigour | strong | |
| <input type="checkbox"/> One-year old shoot: attitude | semi-erect | |
| <input type="checkbox"/> One-year old shoot: length of internodes | medium | |
| <input type="checkbox"/> One-year old shoot: pubescence | medium | |
| <input type="checkbox"/> One-year old shoot: number of lenticels | medium to many | |
| <input type="checkbox"/> Young shoot: anthocyanin colouration of growing tip | very weak to weak | |
| <input type="checkbox"/> Leaf blade: length | medium | |
| <input type="checkbox"/> Leaf blade: width | medium | |
| <input type="checkbox"/> *Leaf blade: ratio length/width | medium | |
| <input type="checkbox"/> *Leaf blade: shape | obovate | |
| <input type="checkbox"/> Leaf blade: angle of apex | acute | |
| <input type="checkbox"/> *Leaf blade: shape of base | obtuse | |
| <input type="checkbox"/> Leaf blade: green colour of upper side | dark | |
| <input type="checkbox"/> Leaf blade: glossiness of upper side | medium | |
| <input type="checkbox"/> Leaf blade: pubescence of lower side | present | |
| <input type="checkbox"/> Leaf blade: incisions of margin | crenate | |
| <input type="checkbox"/> Petiole: length | medium | |
| <input type="checkbox"/> Petiole: pubescence of upper side | very strong | |
| <input type="checkbox"/> Leaf: ratio length of leaf blade/length of petiole | medium | |
| <input type="checkbox"/> Leaf: presence of nectaries | present | |
| <input type="checkbox"/> Leaf: position of nectaries | predominantly on base of blade | |
| <input type="checkbox"/> *Flower: diameter | medium | |
| <input type="checkbox"/> Pedicel: length | medium | |
| <input type="checkbox"/> Pedicel: pubescence | present | |
| <input type="checkbox"/> *Flower: arrangement of petals | overlapping | |
| <input type="checkbox"/> *Petal: size | large | |
| <input type="checkbox"/> *Petal: shape | obovate | |
| <input type="checkbox"/> Petal: undulation of margin | present | |

| | | | |
|-------------------------------------|---|-----------------|-----------------|
| <input type="checkbox"/> | Anther: colour | yellowish | |
| <input type="checkbox"/> | *Ovary: pubescence | absent | |
| <input checked="" type="checkbox"/> | *Fruit: size | large | small to medium |
| <input type="checkbox"/> | *Fruit: shape in lateral view | obovate | |
| <input type="checkbox"/> | *Fruit: symmetry | symmetric | |
| <input type="checkbox"/> | *Fruit: depth of suture towards stalk end | medium | |
| <input type="checkbox"/> | Fruit: depression at apex | absent or weak | |
| <input type="checkbox"/> | Fruit: pubescence at apex | absent | |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | very shallow | |
| <input checked="" type="checkbox"/> | *Fruit: ground colour of skin | violet blue | purplish violet |
| <input type="checkbox"/> | *Fruit: colour of flesh | orange | |
| <input type="checkbox"/> | *Fruit: firmness of flesh | firm | |
| <input type="checkbox"/> | Fruit: juiciness | medium to high | |
| <input type="checkbox"/> | *Fruit: degree of adherence of stone to flesh | semi-adherent | |
| <input type="checkbox"/> | *Stone: general shape in lateral view | narrow elliptic | |
| <input type="checkbox"/> | *Stone: shape in ventral view | elliptic | |
| <input type="checkbox"/> | Stone: texture of lateral surfaces | grained | |
| <input type="checkbox"/> | Stone: width at base | narrow | |
| <input type="checkbox"/> | Stone: shape of apex | rounded | |
| <input type="checkbox"/> | *Time of: beginning of flowering | early to medium | |
| <input checked="" type="checkbox"/> | *Time of: beginning of fruit ripening | medium | late |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| EU | 2000 | Granted | 'Sutter' |
| USA | 2000 | Granted | 'Sutter' |
| South Africa | 2001 | Applied | 'Sutter' |

First sold in USA in Mar 2000

Description: **Leslie Mitchell**, Shepparton, VIC

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/284 |
| Variety Name | 'SETANTA' |
| Genus Species | <i>Solanum tuberosum</i> |
| Common Name | Potato |
| Synonym | |
| Accepted Date | 09 Nov 2009 |
| Applicant | Irish Potato Marketing Ltd, Republic of Ireland |
| Agent | Bright Harvest, Virginia, SA |
| Qualified Person | John Fennell |

Details of Comparative Trial

| | |
|---------------------|--|
| Location | Waikerie SA |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6. |
| Period | Feb – May 2011 |
| Conditions | Plantlets ex-Genetic Resources Centre raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots in late Feb 2011. Pots placed on benches in a screened polythene clad greenhouse to maintain freedom from insect vectors and viruses. |
| Trial Design | Randomised complete block design. Three replicates of 20 plants per variety. |
| Measurements | Observations of plant and foliage characteristics were taken on 11 May 2011. Day length conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded on 20 May 2011. Light sprout data was sourced from UPOV description(based on the growth under controlled conditions)(Overseas Authority reference No: 494, of Office of the Controller, Ireland). Trial conditions were not conducive to anthocyanin development in the plant stems and intensity was much lower than expected in both the candidate and comparator varieties. |

Origin and Breeding

Controlled pollination: 'Brodick' x 'Rooster' in the Teagasc Potato Breeding Program in Carlow, Republic of Ireland in 1992. Subsequently selection trials occurred over 12 years in Ireland, Spain, UK and North Africa with the main selection criteria being marketable yield, maturity time, tuber appearance, taste, disease resistances, and uniformity. Breeding Line 'T1823/10' was selected and commercially released as 'Setanta' in 2005. The female parent 'Brodick' has parti-coloured skin whereas the skin of 'Setanta' is all red. The male parent 'Rooster' has ovoid lightsprout with strong anthocyanin to base whereas 'Setanta' has broad cylindrical lightsprout with medium anthocyanin to base. Breeder: Teagasc, Republic of Ireland.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Tuber | skin colour | red |
| Tuber | flesh colour | light yellow |

Leaf silhouette medium to open

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|----------------------|
| 'Desiree' | most similar variety |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|-----------|---|--|---|
| 'Rooster' | Light sprout shape | broad conical | ovoid |
| | Light sprout intensity of anthocyanin of base | strong | very strong |
| 'Rooster' | Inflorescence size | small | medium |

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

| Organ/Plant Part: Context | 'SETANTA' | 'Desiree' |
|--|----------------------|---------------------|
| <input type="checkbox"/> Lightsprout: size | medium | large |
| <input checked="" type="checkbox"/> *Lightsprout: shape | broad cylindrical | narrow cylindrical |
| <input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | strong | medium |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| <input type="checkbox"/> *Lightsprout: pubescence of base | medium | medium |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | small | small |
| <input type="checkbox"/> Lightsprout: habit of tip | closed | closed |
| <input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip | strong | very weak to weak |
| <input type="checkbox"/> Lightsprout: pubescence of tip | medium | absent or very weak |
| <input type="checkbox"/> *Lightsprout: number of root tips | many | many |
| <input checked="" type="checkbox"/> Lightsprout: length of lateral shoots | short | medium |
| <input type="checkbox"/> Plant: foliage structure | intermediate type | intermediate type |
| <input type="checkbox"/> *Plant: growth habit | semi-upright | semi-upright |
| <input type="checkbox"/> *Stem: anthocyanin colouration | weak | weak to medium |
| <input type="checkbox"/> Leaf: outline size | small to medium | small to medium |
| <input type="checkbox"/> Leaf: openness | intermediate to open | intermediate |
| <input type="checkbox"/> Leaf: presence of secondary leaflets | strong | weak |
| <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 | small | 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 | absent or very weak |
| <input type="checkbox"/> | Leaflet: depth of veins | shallow to medium | shallow |
| <input type="checkbox"/> | Leaflet: glossiness of the upperside | medium | medium |
| <input checked="" type="checkbox"/> | Flower bud: anthocyanin colouration | very strong | weak |
| <input type="checkbox"/> | Plant: height | medium | medium |
| <input type="checkbox"/> | *Plant: frequency of flowers | medium | medium to high |
| <input type="checkbox"/> | Inflorescence: size | small | medium |
| <input type="checkbox"/> | Inflorescence: anthocyanin colouration on peduncle | very strong | medium |
| <input type="checkbox"/> | Flower corolla: size | small | medium |
| <input type="checkbox"/> | *Flower corolla: intensity of anthocyanin colouration on inner side | weak | medium |
| <input type="checkbox"/> | *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low |
| <input type="checkbox"/> | *Flower corolla: extent of anthocyanin colouration on inner side | medium | medium |
| <input checked="" type="checkbox"/> | *Plant: time of maturity | very late | medium |
| <input checked="" type="checkbox"/> | *Tuber: shape | short-oval | long-oval |
| <input type="checkbox"/> | Tuber: depth of eyes | shallow | shallow to medium |
| <input type="checkbox"/> | *Tuber: colour of skin | red | red |
| <input type="checkbox"/> | *Tuber: colour of base of eye | red | yellow |
| <input type="checkbox"/> | *Tuber: colour of flesh | light yellow | light yellow |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘SETANTA’ | ‘Desiree’ |
|--|------------------|------------------|
| <input type="checkbox"/> Stem: thickness | medium | medium |
| <input checked="" type="checkbox"/> Tuber: skin smoothness | medium | smooth |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Canada | 2008 | Applied | ‘SETANTA’ |
| Ireland | 2003 | Granted | ‘SETANTA’ |
| EU | 2004 | Granted | ‘SETANTA’ |
| USA | 2009 | Applied | ‘SETANTA’ |

First sold in Ireland in December 2005.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/049 |
| Variety Name | 'A380' |
| Genus Species | <i>Solanum tuberosum</i> |
| Common Name | Potato |
| Synonym | Nil |
| Accepted Date | 09 Apr 2009 |
| Applicant | University of Tasmania, Hobart, TAS & Horticulture Australia Limited, Sydney, NSW |
| Agent | Spruson & Ferguson, Sydney, NSW |
| Qualified Person | James Hills |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Stowport, TAS |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 |
| Period | Nov 2009 – May 2010 |
| Conditions | Grown in a red ferrosol soil under solid set irrigation with standard pest and disease control and a planting NPK high analysis mix of 9:13:16 at 1500kg/Ha. |
| Trial Design | Field trial: Randomised block with 3 replicates, 2 rows wide with 20 plants per replicate. Pot trial: Candidate variety planted 1 tuber per pot in potting soil innoculated with the pathogen <i>Streptomyces scabiei</i> . Pots are arranged in a random block design (five replicates of 12 pots for each variant and the control). Harvested tubers with a mass greater than 4g will be assessed for common scab disease using published rating scales (Wilson et al; 1999; 2009). |
| Measurements | Field data was collected in Feb 2010. Harvest assessments were conducted in Jun 2010 and lightsprout assessments were conducted in Oct 2010. Measurements were taken for leaf length leaflet width and length and weight and length of tubers. |
| RHS Chart - edition | N/A |

Origin and Breeding

Spontaneous mutation: Friable callus was initiated from leaf and stem tissues of cultured plantlets of 'Russet Burbank' ('Vancouver' clone) obtained from the Tasmanian Government seed scheme collection using standard techniques. Callus cells were then treated with a toxic concentration of thaxtomin A for 1-8 days. Surviving cells were grown onto recovery media and regenerated into potato plantlets. Breeder: Calum R. Wilson, University of Tasmania.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--|--|
| Lightsprout | pubescence of base | weak to medium |
| Lightsprout | number of root tips | few to medium |
| Leaf | green colour | medium |
| Flower corolla | intensity of anthocyanin colouration on inner side | absent or very weak |

| | | |
|-------|-----------------|-----------|
| Tuber | shape | long oval |
| Tuber | colour of flesh | white |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
|-------------|-----------------|

'Russet Burbank'

'RB8'

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 | 'A380' | 'RB8' | 'Russet Burbank' |
|--|------------------------|---------------------------|-------------------------|
| <input type="checkbox"/> Lightsprout: size | very small to small | small | small |
| <input type="checkbox"/> *Lightsprout: shape | conical | ovoid | broad cylindrical |
| <input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | weak | weak to medium | weak |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low | absent or low |
| <input type="checkbox"/> *Lightsprout: pubescence of base | weak to medium | weak to medium | weak |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | medium | small to medium | small to medium |
| <input type="checkbox"/> Lightsprout: habit of tip | closed to intermediate | closed to intermediate | closed to intermediate |
| <input type="checkbox"/> Lightsprout: anthocyanin colouration of tip | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> Lightsprout: pubescence of tip | weak | weak | weak |
| <input type="checkbox"/> *Lightsprout: number of root tips | few to medium | few to medium | medium |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | very short to short | very short to short | short |
| <input type="checkbox"/> Plant: foliage structure | leaf type | leaf type | Intermediate type |
| <input type="checkbox"/> *Plant: growth habit | spreading | semi-upright to spreading | spreading |
| <input type="checkbox"/> *Stem: anthocyanin colouration | weak | weak | absent or very weak |
| <input type="checkbox"/> Leaf: outline size | small to medium | medium | medium |
| <input type="checkbox"/> Leaf: openness | intermediate to open | intermediate to open | open |
| <input type="checkbox"/> Leaf: presence of secondary leaflets | weak | weak | weak |
| <input type="checkbox"/> Leaf: green colour | medium | medium | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> Second pair of lateral leaflets: size | medium | medium | medium |
| <input checked="" type="checkbox"/> Second pair of lateral leaflets: width in relation to length | medium | medium | narrow |

| | | | | |
|-------------------------------------|---|----------------------|----------------------|----------------------|
| <input type="checkbox"/> | Terminal and lateral leaflets: frequency of coalescence | absent or very low | absent or very low | absent or very low |
| <input type="checkbox"/> | Leaflet: waviness of margin | absent or very weak | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> | Leaflet: depth of veins | shallow | shallow | medium |
| <input checked="" type="checkbox"/> | Leaflet: glossiness of the upperside | dull | dull | medium |
| <input type="checkbox"/> | Leaflet: pubescence of blade at apical rosette | absent | absent | absent |
| <input type="checkbox"/> | Flower bud: anthocyanin colouration | very weak to weak | very weak to weak | medium |
| <input type="checkbox"/> | Plant: height | medium to tall | medium to tall | medium |
| <input type="checkbox"/> | *Plant: frequency of flowers | low | low | medium |
| <input type="checkbox"/> | Inflorescence: size | small | small | small |
| <input type="checkbox"/> | Inflorescence: anthocyanin colouration on peduncle | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Flower corolla: size | small to medium | small to medium | medium |
| <input type="checkbox"/> | *Flower corolla: intensity of anthocyanin colouration on inner side | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> | *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low | absent or low |
| <input type="checkbox"/> | *Flower corolla: extent of anthocyanin colouration on inner side | absent or very small | absent or very small | absent or very small |
| <input type="checkbox"/> | *Plant: time of maturity | medium to late | medium to late | late |
| <input type="checkbox"/> | *Tuber: shape | long-oval | long-oval | long-oval |
| <input type="checkbox"/> | Tuber: depth of eyes | medium | medium | shallow |
| <input type="checkbox"/> | *Tuber: colour of skin | light beige | light beige | reddish brown |
| <input type="checkbox"/> | *Tuber: colour of base of eye | yellow | yellow | white |
| <input type="checkbox"/> | *Tuber: colour of flesh | white | white | 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 | absent or very weak |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘A380’ | ‘RB8’ | ‘Russet Burbank’ |
|---|---------------|--------------|-------------------------|
| <input checked="" type="checkbox"/> Tuber: proportion of tubers with scab lesions | absent | absent | medium to high |

Statistical Table

| Organ/Plant Part: Context | ‘A380’ | ‘RB8’ | ‘Russet Burbank’ |
|----------------------------------|---------------|--------------|-------------------------|
|----------------------------------|---------------|--------------|-------------------------|

| | | | |
|--|-------|--------|--------|
| <input checked="" type="checkbox"/> Tuber: weight (kg) | | | |
| Mean | 0.16 | 0.25 | 0.25 |
| Std. Deviation | 0.02 | 0.03 | 0.01 |
| LSD/sig | 0.07 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Tuber: length (cm) | | | |
| Mean | 10.14 | 11.95 | 11.43 |
| Std. Deviation | 0.64 | 0.47 | 0.18 |
| LSD/sig | 1.42 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Tuber: width (cm) | | | |
| Mean | 4.90 | 5.91 | 6.04 |
| Std. Deviation | 0.19 | 0.14 | 0.14 |
| LSD/sig | 0.48 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Leaf: length(cm) | | | |
| Mean | 19.38 | 20.36 | 20.36 |
| Std. Deviation | 1.18 | 0.38 | 0.38 |
| LSD/sig | 2.26 | ns | ns |
| <input checked="" type="checkbox"/> Leaflet: length (cm) | | | |
| Mean | 9.89 | 10.76 | 11.24 |
| Std. Deviation | 0.22 | 0.27 | 0.18 |
| LSD/sig | 0.68 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaflet: width(cm) | | | |
| Mean | 5.18 | 5.25 | 5.54 |
| Std. Deviation | 0.05 | 0.10 | 0.12 |
| LSD/sig | 0.28 | ns | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **James Hills**, Agronico, Devonport, TAS

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/050 |
| Variety Name | 'RB8' |
| Genus Species | <i>Solanum tuberosum</i> |
| Common Name | Potato |
| Synonym | Nil |
| Accepted Date | 09 Apr 2009 |
| Applicant | University of Tasmania, Hobart, TAS, Horticulture Australia Limited, Sydney, NSW |
| Agent | Spruson & Ferguson, Sydney, NSW |
| Qualified Person | James Hills |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Stowport, TAS |
| Descriptor | Potato (<i>Solanum tuberosum</i>) TG/23/6 |
| Period | Nov 2009 – May 2010 |
| Conditions | Grown in a red ferrosol soil under solid set irrigation with standard pest and disease control and a planting NPK high analysis mix of 9:13:16 at 1500kg/Ha. |
| Trial Design | Field trial: Randomised block with 3 replicates, 2 rows wide with 20 plants per replicate Pot trial: Candidate variety planted 1 tuber per pot in potting soil inoculated with the pathogen <i>Streptomyces scabiei</i> . Pots are arranged in a random block design (five replicates of 12 pots for each variant and the control). Harvested tubers with a mass greater than 4g will be assessed for common scab disease using published rating scales (Wilson et al; 1999; 2009). |
| Measurements | Field data was collected in Feb 2010. Harvest assessments were conducted in Jun 2010 and lightsprout assessments were conducted in Oct 2010. Measurements were taken for leaf length leaflet width and length and weight and length of tubers. |
| RHS Chart - edition | N/A |

Origin and Breeding

Spontaneous mutation: Friable callus was initiated from leaf and stem tissues of cultured plantlets of 'Russet Burbank' ('Vancouver' clone) obtained from the Tasmanian Government seed scheme collection using standard techniques. Callus cells were then treated with a toxic concentration of thaxtomin A for 1-8 days. Surviving cells were grown onto recovery media and regenerated into potato plantlets
Breeder: Calum R. Wilson, University of Tasmania.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--|--|
| Lightsprout | pubescence of base | weak to medium |
| Lightsprout | number of root tips | few to medium |
| Leaf | green colour | medium |
| Flower corolla | intensity of anthocyanin colouration on inner side | absent or very weak |

| | | |
|-------|-----------------|-----------|
| Tuber | shape | long oval |
| Tuber | colour of flesh | white |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
|-------------|-----------------|

'Russet Burbank'

'A380'

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 | 'RB8' | 'A380' | 'Russet Burbank' |
|--|---------------------------|---------------------------|-------------------------|
| <input type="checkbox"/> Lightsprout: size | small | very small to small | small |
| <input type="checkbox"/> *Lightsprout: shape | ovoid | conical | broad cylindrical |
| <input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration | weak | weak | weak |
| <input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low | absent or low |
| <input type="checkbox"/> *Lightsprout: pubescence of base | weak to medium | weak to medium | weak |
| <input type="checkbox"/> Lightsprout: size of tip in relation to base | small to medium | medium | small to medium |
| <input type="checkbox"/> Lightsprout: habit of tip | closed to intermediate | closed to intermediate | closed to intermediate |
| <input type="checkbox"/> Lightsprout: anthocyanin colouration of tip | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> Lightsprout: pubescence of tip | weak | weak | weak |
| <input type="checkbox"/> *Lightsprout: number of root tips | few to medium | few to medium | medium |
| <input type="checkbox"/> Lightsprout: length of lateral shoots | very short to short | very short to short | short |
| <input type="checkbox"/> Plant: foliage structure | leaf type | leaf type | intermediate type |
| <input type="checkbox"/> *Plant: growth habit | semi-upright to spreading | semi-upright to spreading | spreading |
| <input type="checkbox"/> *Stem: anthocyanin colouration | weak | weak | absent or very weak |
| <input type="checkbox"/> Leaf: outline size | medium | small to medium | medium |
| <input type="checkbox"/> Leaf: openness | intermediate to open | intermediate to open | open |
| <input type="checkbox"/> Leaf: presence of secondary leaflets | weak | weak | medium |
| <input type="checkbox"/> Leaf: green colour | medium | medium | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> Second pair of lateral leaflets: size | medium | medium | medium |
| <input checked="" type="checkbox"/> Second pair of lateral leaflets: width in relation to length | medium | medium | narrow |

| | | | | |
|-------------------------------------|---|----------------------|----------------------|----------------------|
| <input type="checkbox"/> | Terminal and lateral leaflets: frequency of coalescence | absent or very low | absent or very low | absent or very low |
| <input type="checkbox"/> | Leaflet: waviness of margin | absent or very weak | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> | Leaflet: depth of veins | shallow | shallow | medium |
| <input checked="" type="checkbox"/> | Leaflet: glossiness of the upperside | dull | dull | medium |
| <input type="checkbox"/> | Leaflet: pubescence of blade at apical rosette | absent | absent | absent |
| <input type="checkbox"/> | Flower bud: anthocyanin colouration | very weak to weak | very weak to weak | medium |
| <input type="checkbox"/> | Plant: height | medium to tall | medium to tall | medium l |
| <input type="checkbox"/> | *Plant: frequency of flowers | low | low | lmedium |
| <input type="checkbox"/> | Inflorescence: size | small | small | small |
| <input type="checkbox"/> | Inflorescence: anthocyanin colouration on peduncle | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Flower corolla: size | small to medium | small to medium | medium |
| <input type="checkbox"/> | *Flower corolla: intensity of anthocyanin colouration on inner side | absent or very weak | absent or very weak | absent or very weak |
| <input type="checkbox"/> | *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low | absent or low |
| <input type="checkbox"/> | *Flower corolla: extent of anthocyanin colouration on inner side | absent or very small | absent or very small | absent or very small |
| <input type="checkbox"/> | *Plant: time of maturity | medium to late | medium to late | late |
| <input type="checkbox"/> | *Tuber: shape | long-oval | long-oval | long-oval |
| <input type="checkbox"/> | Tuber: depth of eyes | medium | medium | shallow |
| <input type="checkbox"/> | *Tuber: colour of skin | light beige | light beige | reddish brown |
| <input type="checkbox"/> | *Tuber: colour of base of eye | yellow | yellow | white |
| <input type="checkbox"/> | *Tuber: colour of flesh | white | white | 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 | absent or very weak |

Characterstics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘A380’ | ‘RB8’ | ‘Russet Burbank’ |
|---|---------------|--------------|-------------------------|
| <input checked="" type="checkbox"/> Tuber: proportion of tubers with scab lesions | absent | absent | medium to high |

Statistical Table

| Organ/Plant Part: Context | ‘RB8’ | ‘A380’ | ‘Russet Burbank’ |
|----------------------------------|--------------|---------------|-------------------------|
|----------------------------------|--------------|---------------|-------------------------|

| | | | | |
|-------------------------------------|----------------------|-------|--------|--------|
| <input checked="" type="checkbox"/> | Tuber: weight (kg) | | | |
| | Mean | 0.25 | 0.16 | 0.25 |
| | Std. Deviation | 0.03 | 0.02 | 0.01 |
| | LSD/sig | 0.07 | P≤0.01 | ns |
| <input type="checkbox"/> | Tuber: length (cm) | | | |
| | Mean | 11.95 | 10.14 | 11.43 |
| | Std. Deviation | 0.47 | 0.64 | 0.18 |
| | LSD/sig | 1.42 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> | Tuber: width (cm) | | | |
| | Mean | 5.91 | 4.90 | 6.04 |
| | Std. Deviation | 0.14 | 0.19 | 0.14 |
| | LSD/sig | 0.48 | P≤0.01 | ns |
| <input type="checkbox"/> | Leaf: length (cm) | | | |
| | Mean | 20.36 | 19.38 | 20.36 |
| | Std. Deviation | 0.38 | 1.18 | 0.38 |
| | LSD/sig | 2.26 | ns | ns |
| <input type="checkbox"/> | Leaflet: length (cm) | | | |
| | Mean | 10.76 | 9.89 | 11.24 |
| | Std. Deviation | 0.27 | 0.22 | 0.18 |
| | LSD/sig | 0.68 | P≤0.01 | ns |
| <input type="checkbox"/> | Leaflet: width (cm) | | | |
| | Mean | 5.25 | 5.18 | 5.54 |
| | Std. Deviation | 0.10 | 0.05 | 0.12 |
| | LSD/sig | 0.28 | ns | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **James Hills**, Agronico, Devonport, TAS

Details of Application

| | |
|---------------------------|---|
| Application Number | 2010/307 |
| Variety Name | 'DrisRaspFour' |
| Genus Species | <i>Rubus idaeus</i> L. |
| Common Name | Raspberry |
| Synonym | |
| Accepted Date | 22 Dec 2010 |
| Applicant | Driscoll Strawberry Associates, Inc., USA. |
| Agent | Phillips Ormonde Fitzpatrick, Melbourne, VIC. |
| Qualified Person | Margaret Zorin |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Palmwoods, QLD, Australia. |
| Descriptor | Raspberry (<i>Rubus idaeus</i>) TG/43/7 |
| Period | 2000-2008 |
| Conditions | Traditional commercial raspberry production criteria were used including planting rooted cutting plants into raised ridges of soil in winter. The plants were trellised and primocane harvest commences approximately 7 months later. After pruning new canes are trellised and florican harvest commences approximately 17 months after first planting. |
| Trial Design | Asexual propagation of plants of 'DrisRaspFour', 'Pacifica' (US PP18658) and 'Tola' (US PP11087) were produced by root sucker division and rooted cuttings and used in the trial |
| Measurements | Measurements of plant, flower and fruit characteristics were taken using UPOV technical guidelines and colours are described and most similar colour designations are provided from Royal Horticultural Society, London Colour Charts (RHS). |
| RHS Chart - edition | 2001 |

Origin and Breeding

Controlled cross pollination: 'Tola' (US PP11087) x 'R605.1' (unpatented breeding line). It was discovered as a seedling in Sep 1999 in Santa Cruz County, California, USA. The original seedling was selected for its high yield, flavour and late florican crop and was first propagated and subsequently tested in Santa Cruz County, California, USA from 2000-2008. This variety has remained distinct and stable for 9 generations and has been shown to maintain the desired traits and characteristics. The pollen parent is resistant to leaf rust but the candidate is susceptible. Breeders: Carlos D Fear and Richard E Harrison both employees of Driscoll Strawberry Associates Inc. Watsonville, California, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---|--|
| Plant | growth habit | erect |
| Very young shoot | anthocyanin colouration of apex during rapid growth | medium |
| Very young shoot | anthocyanin intensity | medium |
| Leaf | rugosity | medium |

| | | |
|--------|-------------------|--------------------|
| Pedice | number of spines | absent or very few |
| Fruit | adherence of plug | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|---------------------|--|
| 'Tola' | US Plant Patent (PP11087) is the female parent. |
| 'Driscoll Pacifica' | US Plant Patent (PP18658) is a widely grown 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 |
|----------------|---------------------------------------|---|--|--|
| 'R605.1' | Plant rust resistance | susceptible | resistant | 'R605.1' is a proprietary breeding line and pollen parent. |

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

| Organ/Plant Part: Context | 'DrisRaspFour' | 'Driscoll Pacifica' | 'Tola' |
|---|-----------------------|----------------------------|---------------------|
| <input type="checkbox"/> Plant: habit | upright | upright | upright |
| <input checked="" type="checkbox"/> *Plant: number of current season's canes | many | many | medium |
| <input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth | present | present | present |
| <input type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth | medium | medium | medium |
| <input checked="" type="checkbox"/> Current season's cane: bloom | medium | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> Current season's cane: anthocyanin colouration | medium | absent or very weak | medium |
| <input checked="" type="checkbox"/> Current season's cane: length of internode | long | medium to long | medium to long |
| <input type="checkbox"/> Current season's cane: length of vegetative bud | medium | | |
| <input checked="" type="checkbox"/> *Dormant cane: length (varieties which fruit on previous season's cane in summer) | long | medium | long to very long |
| <input checked="" type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn) | short | medium | long |
| <input checked="" type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer) | greyish brown | purplish brown | |
| <input checked="" type="checkbox"/> *Spines: presence | present | absent | absent |
| <input type="checkbox"/> *Spines: density (varieties with spines present only) | dense | | |
| <input type="checkbox"/> Spines: size of base (varieties with spines present only) | very small | | |

| | | | | |
|-------------------------------------|--|---------------------------------------|---|---|
| <input type="checkbox"/> | Spines: length (varieties with spines present only) | very short to short | | |
| <input type="checkbox"/> | Spines: colour (varieties with spines present only) | green | | |
| <input checked="" type="checkbox"/> | *Leaf: green colour of upper side | dark | dark | medium |
| <input checked="" type="checkbox"/> | *Leaf: predominant number of leaflets | five | three | five |
| <input checked="" type="checkbox"/> | Leaf: profile of leaflets in cross section | straight | | concave |
| <input type="checkbox"/> | *Leaf: rugosity | medium | medium | |
| <input checked="" type="checkbox"/> | Leaf: relative position of lateral leaflets | overlapping | overlapping | touching |
| <input type="checkbox"/> | Terminal leaflet: length | medium | medium | short to medium |
| <input checked="" type="checkbox"/> | Terminal leaflet: width | medium | medium to broad | narrow to medium |
| <input type="checkbox"/> | Pedicel: number of spines | absent or very few | absent or very few | |
| <input type="checkbox"/> | *Peduncle: presence of anthocyanin colouration | absent | | |
| <input type="checkbox"/> | *Peduncle: intensity of anthocyanin colouration | very weak | | |
| <input checked="" type="checkbox"/> | Flower: size | large | small | small |
| <input checked="" type="checkbox"/> | *Fruit: length | medium | long to very long | long |
| <input checked="" type="checkbox"/> | *Fruit: width | medium | broad | medium to broad |
| <input checked="" type="checkbox"/> | *Fruit: ratio length/width | large | large | medium |
| <input checked="" type="checkbox"/> | *Fruit: general shape in lateral view | broad conical | conical | broad conical |
| <input checked="" type="checkbox"/> | Fruit: size of single drupe | medium | large to very large | medium |
| <input checked="" type="checkbox"/> | *Fruit: colour | dark purple | medium red | medium red |
| <input checked="" type="checkbox"/> | Fruit: glossiness | medium | weak | medium |
| <input type="checkbox"/> | *Fruit: firmness | medium to firm | medium to firm | firm |
| <input type="checkbox"/> | Fruit: adherence to plug | medium | medium | |
| <input checked="" type="checkbox"/> | *Fruit: main bearing type | only on current year's cane in autumn | both previous year's cone in summer & current year's cone in autumn | both previous year's cone in summer & current year's cone in autumn |
| <input checked="" type="checkbox"/> | *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer) | late | early | medium to late |
| <input checked="" type="checkbox"/> | *Time of: cane emergence (varieties which fruit on current year's cane in autumn) | late | early | medium to late |

| | | | |
|---|--------|-----------------|-----------------|
| <input checked="" type="checkbox"/> *Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer) | medium | early | medium |
| <input checked="" type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn) | medium | early | early to medium |
| <input checked="" type="checkbox"/> *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit of previous year's cane in summer) | medium | early | medium to late |
| <input checked="" type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn) | medium | early | medium |
| <input checked="" type="checkbox"/> Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer) | medium | short to medium | medium |
| <input checked="" type="checkbox"/> Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn) | long | medium | medium to long |

Prior Applications and Sales

Nil.

Description: **Margaret Zorin** 167 Collingwood Road Birkdale Qld 4159

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/067 |
| Variety Name | 'Summer Cascade' |
| Genus Species | <i>Betula nigra</i> |
| Common Name | River Birch |
| Synonym | Nil |
| Accepted Date | 18 Aug 2008 |
| Applicant | John D. Allen and Daniel A. Allen, Harmony, NC, USA. |
| Agent | Plants Management Australia Pty . Ltd., Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Wonga Park, VIC. |
| Descriptor | Birch (<i>Betula playtyphylla</i>) PBR BETU |
| Period | Jun 2010 to Mar 2011 |
| Conditions | Trial conducted in the open, plants propagated from cuttings during June 2009 transferred from tubes to 140mm pots in Apr 2010. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Seedling Selection: a crop of *Betula nigra* seedlings were planted in Shiloh Nursery, 164 Allen Road, Harmony, NC, USA in 1992. In 1996 one specimen became distinguishable from all others by its unique spreading habit and weeping branches. It was then further grown until Feb 2001 where it was first propagated via grafting. Selection criteria: plant growth habit spreading and stem attitude pendulous. All subsequent generations have proved to be uniform and stable. Propagation continues via cuttings, TC and grafting.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--------------------|--|
| Leaf | incision of margin | present |
| Leaf | length of blade | medium |
| Leaf | shape | rhombic |
| Leaf | type of incision | doubly toothed |
| Stem | bark exfoliation | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|---------------------|-----------------|
| <i>Betula nigra</i> | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|---------|--------------------------------|--|---|
| 'Cully' | stem bark exfoliation | medium | strong to very strong |

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 | 'Summer Cascade' <i>B. nigra</i> | |
|--|----------------------------------|-------------------|
| <input checked="" type="checkbox"/> Plant: type | shrub | tree |
| <input checked="" type="checkbox"/> Plant: growth habit | spreading | erect |
| <input checked="" type="checkbox"/> Plant: height | very short | medium |
| <input checked="" type="checkbox"/> Plant: width | broad | narrow |
| <input type="checkbox"/> Leaf: size | medium | medium |
| <input type="checkbox"/> Leaf: attitude | semi-erect | semi-erect |
| <input type="checkbox"/> Leaf: arrangement | alternate | alternate |
| <input type="checkbox"/> Leaf: length of blade | medium | medium |
| <input type="checkbox"/> Leaf: width of blade | medium to broad | medium |
| <input type="checkbox"/> Leaf: shape | rhombic | rhombic |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute |
| <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 | medium | medium |
| <input type="checkbox"/> Leaf: type of incision | doubly toothed | doubly toothed |
| <input type="checkbox"/> Leaf: undulation of the margin | very weak to weak | very weak to weak |
| <input type="checkbox"/> Leaf: green colour | medium | medium |
| <input type="checkbox"/> Leaf: colour (RHS colour chart) | 146B | |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Summer Cascade' <i>nigra</i> | |
|--|-------------------------------|--------|
| <input checked="" type="checkbox"/> Stem: attitude | pendulous | erect |
| <input type="checkbox"/> Stem: colour of new growth (RHS colour chart) | greyed orange 166A | |
| <input type="checkbox"/> Stem: bark exfoliation | medium | medium |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|-------------|------|----------------|------------------|
| New Zealand | 2008 | Applied | 'Summer Cascade' |
| EU | 2008 | Applied | 'Summer Cascade' |
| USA | 2002 | Granted | 'Summer Cascade' |

First sold in the USA in April 2002.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/037 |
| Variety Name | 'MEIKATANA' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | SAMOURAI 2007 |
| Accepted Date | 17-Mar-2009 |
| Applicant | Meilland International S.A, France |
| Agent | Peter Lee - Selection Meilland Australia, Rosevears, T.A.S. |
| Qualified Person | Peter Lee |

Details of Comparative Trial

| | |
|----------------------------|------------------------------|
| Overseas Testing | Naktuinbouw, Wageningen, NL. |
| Authority | |
| Overseas Data | 2007/1164 |
| Reference Number | |
| Location | Wageningen, NL |
| Descriptor | UPOV TG 11/7 |
| Period | 2008 |
| RHS Chart - edition | 1995 |

Origin and Breeding

Controlled pollination: (Meibeka x Meigormon) x 'Tankalcig'. 'Miebeka' has red flowers and 'Meigormon' has medium sized flowers. 'Tankalcig' has very dark red flowers and the candidate has large Pink (salmon/ carmine red flowers). Selection of 'Meikatana' from this cross was made in April 2003 and an initial trial of 20 plants was established in summer 2003. The distribution of scion wood was made to testing sites in various countries. After confirmation of initial results, a larger trial of 1200 plants was established at Selection Meilland Australia in summer 2005-2006. The Australian trial was completed in summer 2008-2009 and it was proved to be uniform and stable. Breeder: Meilland International S.A., France.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--|--|
| Plant | growth type | cut flower type |
| Young shoot | anthocyanin colouration | present |
| Leaf | glossiness of upperside | medium |
| Flower | diameter | large to very large |
| Flower | colour group | red |
| Flower | fragrance | very weak to weak |
| Petal | number of colours on inner side (basal spot excluded) | one |
| Petal | basal spot on the innerside | present |
| Petal | Colour of basal spot innerside | white |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Meiqualis' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments | |
|--------------|--------------------------------|--|---|---------------|---|
| Tankalcig | petal | colour inners side | carmine red | very dark red | |
| Tankalcig | terminal leaflet | width of blade | very broad | medium | |
| 'Meivanthou' | flower | profile of lower part | flat | convex | |
| 'Meivanthou' | plant | height (during second flush) | medium | short | |
| 'Meivanthou' | leaf | intensity of green colour (upper side) | medium | dark | |
| 'Meivanthou' | leaf | glossiness of upper side | medium | weak | |
| 'Meivanthou' | flower | profile of upper part | flattened convex | flat | 'Meivanthou' (comparator) flower has semi-blocked opening |

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 | 'MEIKATANA' | 'Meiqualis' |
|---|---------------------|-------------------|
| <input checked="" type="checkbox"/> Plant: height | medium | tall |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration | medium | strong |
| <input type="checkbox"/> Stem: number of prickles | few to medium | very few to few |
| <input checked="" type="checkbox"/> Prickles: predominant colour | greenish | reddish |
| <input type="checkbox"/> Leaf: size | very large | large |
| <input type="checkbox"/> Leaf: intensity of green colour | medium | medium |
| <input type="checkbox"/> *Leaf: glossiness of upper side | medium | medium |
| <input checked="" type="checkbox"/> *Leaflet: undulation of margin | medium | very weak to weak |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | medium elliptic | medium elliptic |
| <input type="checkbox"/> Terminal leaflet: shape of base of blade | rounded | rounded |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> *Flower: number of petals | few to medium | few to medium |
| <input type="checkbox"/> *Flower: colour group | red | red |
| <input type="checkbox"/> *Flower: diameter | large to very large | large |
| <input type="checkbox"/> *Flower: shape | irregularly | irregularly |

| | | | |
|-------------------------------------|--|-----------------------------|-----------------------------|
| | | rounded | 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 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 type="checkbox"/> | *Petal: shape | elliptic | rounded |
| <input type="checkbox"/> | Petal: incisions | weak | absent or very weak |
| <input checked="" type="checkbox"/> | Petal: reflexing of margin | medium to strong | weak |
| <input type="checkbox"/> | Petal: undulation | weak | weak |
| <input type="checkbox"/> | *Petal: length | medium to long | medium |
| <input type="checkbox"/> | *Petal: width | medium to broad | medium |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | one |
| <input type="checkbox"/> | *Petal: intensity of colour | even | even |
| <input type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | between RHS 46A and RHS 46B | between RHS 46A and RHS 46B |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | very small to small | small |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | white | white |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | red | pink |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Brazil | 2008 | Applied | 'MEIKATANA' |
| Ecuador | 2008 | Granted | 'MEIKATANA' |
| EU | 2007 | Granted | 'MEIKATANA' |
| Russia | 2008 | Applied | 'MEIKATANA' |
| EU | 2007 | Applied | 'MEIKATANA' |

First sold in EU May 2007, First sold in Australia February 2008.

Description: **Peter Lee, & Jodie Lee**, Rosevears, TAS.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2010/267 |
| Variety Name | 'Meiflemingue' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 10 Feb 2011 |
| Applicant | Meilland International S.A., France |
| Agent | Peter Lee of Selection Meilland Australia, Rosevears, TAS. |
| Qualified Person | Peter Lee |

Details of Comparative Trial

| | |
|----------------------------|------------------------------------|
| Overseas Testing | Naktuinbouw, Wageningen, NL. |
| Authority | |
| Overseas Data | 2007/2482 |
| Reference Number | |
| Location | Wageningen, NL |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/7 |
| Period | 2008 |
| RHS Chart - edition | 1995 |

Origin and Breeding

Controlled pollination: 'Keidargo' x 'Tankalgic'. 'Keidarko' is almost thornless and 'Tankalgic' has very dark red inner face. 'Meiflemingue' has more thorns and has crimson red inner petal face. Selection of 'Meiflemingue' was made and the mother plant was isolated and observed for one full year. First multiplication from the mother plant was also observed. The second multiplication was distributed to testing facilities in other countries. Over the next 4-5 years, observations and testing of the variety for distinctness, uniformity, stability and market acceptability were made. It was followed by commercial multiplication and distribution. Breeder: Meilland International S.A., France.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--|--|
| Plant | growth type | cut flower type |
| Young shoot | anthocyanin colouration | present |
| Flower | colour group | red |
| Flower | fragrance | absent or very weak |
| Petal | reflexing of petals one by one | present |
| Petal | number of colours on inner side (basal spot excluded) | one |
| Petal | basal spot on the innerside | present |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
|-------------|-----------------|

| | |
|--------------|--|
| 'Meigualis' | |
| 'Meivanthou' | |

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 | ‘Meiflemingue’ | ‘Meiqualis’ | ‘Meivanthou’ |
|---|-----------------------------|-----------------------------|---------------------|
| <input checked="" type="checkbox"/> Plant: height | short to medium | tall | short |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present | present |
| <input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration | medium to strong | strong | weak to medium |
| <input checked="" type="checkbox"/> Stem: number of prickles | medium | very few to few | medium |
| <input type="checkbox"/> Prickles: predominant colour | reddish | reddish | reddish |
| <input type="checkbox"/> Leaf: size | medium to large | large | large |
| <input type="checkbox"/> Leaf: intensity of green colour | medium | medium | medium |
| <input type="checkbox"/> *Leaf: glossiness of upper side | medium | medium | medium to strong |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak | very weak to weak | weak |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | medium elliptic | medium elliptic | medium elliptic |
| <input type="checkbox"/> Terminal leaflet: shape of base of blade | rounded | rounded | rounded |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute | acuminate |
| <input checked="" type="checkbox"/> *Flower: number of petals | many | few to medium | few to medium |
| <input type="checkbox"/> *Flower: colour group | red | red | red |
| <input type="checkbox"/> *Flower: diameter | medium | large | medium to large |
| <input type="checkbox"/> *Flower: shape | star-shaped | irregularly rounded | round |
| <input type="checkbox"/> Flower: profile of upper part | flattened convex | flattened convex | flat |
| <input type="checkbox"/> *Flower: profile of lower part | flattened convex | flattened convex | convex |
| <input type="checkbox"/> Flower: fragrance | absent or very weak | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> *Sepal: extensions | strong | medium to strong | medium |
| <input type="checkbox"/> Petals: reflexing of petals one-by-one | present | present | present |
| <input checked="" type="checkbox"/> *Petal: shape | obovate | rounded | rounded |
| <input checked="" type="checkbox"/> Petal: incisions | weak | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> Petal: reflexing of margin | medium | weak | absent or very weak |
| <input type="checkbox"/> Petal: undulation | weak | weak | absent or very weak |
| <input type="checkbox"/> *Petal: length | short to medium | medium | medium |
| <input checked="" type="checkbox"/> *Petal: width | narrow to medium | medium | very broad |
| <input type="checkbox"/> *Petal: number of colours on inner side | one | one | one |
| <input type="checkbox"/> *Petal: intensity of colour | even | even | even |
| <input checked="" type="checkbox"/> *Petal: main colour on the inner side | between RHS 46A and RHS 46B | between RHS 46A and RHS 46B | close to RHS 53A |

(RHS Colour Chart)

| | | | | |
|--------------------------|--|---------|---------|---------|
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present | present |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | red | pink | pink |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| EU | 2007 | Granted | 'Meiflemingue' |

First sold in Ecuador in August 2009, First sold in Australia April 2010.

Description: **Peter Lee**, and **Jodie Lee**, Roseveras, TAS.

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2010/256 |
| Variety Name | 'Lehl-51' |
| Genus Species | <i>Vaccinium</i> hybrid |
| Common Name | Southern Highbush Blueberry |
| Synonym | Nil |
| Accepted Date | 08 Nov 2010 |
| Applicant | Lehl Family Trust, Corindi Beach, NSW |
| Agent | N/A |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Corindi Beach, NSW |
| Descriptor | Blueberry (<i>Vaccinium</i> spp.) TG/137/4 |
| Period | Aug 2009 – Oct 2010 |
| Conditions | Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots. |
| Trial Design | 10 plants per variety in standard commercial beds. |
| Measurements | Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Seedling selection: seed parent is an un-named variety from commercial fruit sales in 2001 at Corindi Beach, NSW. The seed parent is characterised by a medium season harvest timing. 2000: open pollinated seed from un-named variety from commercial fruit sales sown and approx 5000 plants originated. 2001 – 2003: first fruiting; growth and fruiting performances evaluated and commercial propagation and merit tested at two sites. Finally selected single seedling code named '51'. 2004 – 2009: continued propagation and large scale test planting; concluded as being of commercial value due to its distinctive traits. 2004 – present: Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'Lehl 51'. Selection took place in Corindi Beach, NSW in 2003. Selection criteria: low picking cost, early - medium time of ripening, commercial yield of fruit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Jaspal Singh Lehl, Corindi Beach, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------------------|--|
| Fruit | shape in longitudinal section | oblate |
| Time of | beginning of fruit ripening | early to medium |
| Leaf | shape | elliptic |
| Fruit | sweetness | medium |
| Fruit | colour of skin | dark blue |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------|----------|
| 'Biloxi' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---------------|--------------------------------|--|---|--|
| 'Ridley 0328' | Plant growth habit | spreading | upright - bushy | Candidate also has a broader leaf width. |
| 'C99-42' | Fruit shape | oblate | globose | |

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 | 'Lehl-51' | 'Biloxi' |
|---|---------------------|---------------------|
| <input type="checkbox"/> *Plant: vigour | strong | medium to strong |
| <input checked="" type="checkbox"/> *Plant: growth habit | spreading | semi upright |
| <input type="checkbox"/> *Leaf: shape | elliptic | elliptic |
| <input type="checkbox"/> Leaf: colour of upper side | green | green |
| <input type="checkbox"/> *Leaf: intensity of green colour on upper side (varieties with green leaf colour only) | medium | medium |
| <input type="checkbox"/> *Leaf: margin | entire | entire |
| <input type="checkbox"/> Flower bud: anthocyanin coloration | medium to strong | medium |
| <input type="checkbox"/> Flower: shape of corolla | urceolate | urceolate |
| <input checked="" type="checkbox"/> *Flower: size of corolla tube | medium to large | small |
| <input type="checkbox"/> *Flower: anthocyanin colouration of corolla tube | absent or very weak | absent or very weak |
| <input type="checkbox"/> Flower: ridges on corolla tube | present | present |
| <input checked="" type="checkbox"/> Fruit cluster: density | medium | dense |
| <input type="checkbox"/> *Unripe fruit: intensity of green colour | light | light to medium |
| <input type="checkbox"/> *Fruit: size | medium | medium |
| <input type="checkbox"/> *Fruit: shape in longitudinal section | oblate | oblate |
| <input type="checkbox"/> Fruit: attitude of sepals | erect | erect to semi-erect |
| <input type="checkbox"/> Fruit: type of sepals | straight | straight |
| <input type="checkbox"/> Fruit: diameter of calyx basin | large | large |
| <input type="checkbox"/> Fruit: depth of calyx basin | medium | medium |
| <input type="checkbox"/> *Fruit: intensity of bloom | medium | medium to strong |
| <input type="checkbox"/> *Fruit: colour of skin | dark blue | dark blue |
| <input checked="" type="checkbox"/> Fruit: firmness | medium | firm |

| | | |
|--|---|---|
| <input type="checkbox"/> *Fruit: sweetness | medium | medium |
| <input type="checkbox"/> *Fruit: acidity | high | medium to high |
| <input type="checkbox"/> *Plant: fruiting type | on one-year-old and current season's shoots | on one-year-old and current season's shoots |
| <input type="checkbox"/> *Time of: vegetative bud burst | early to medium | early to medium |
| <input type="checkbox"/> *Time of: beginning of flowering on current year's shoot (varieties which fruit on one-year-old and current season's shoots only) | early to medium | early to medium |
| <input type="checkbox"/> *Time of: beginning of fruit ripening on current year's shoot (varieties which fruit on one-year-old and current season's shoots) | early to medium | early to medium |

Statistical Table

| Organ/Plant Part: Context | 'Lehl-51' | 'Biloxi' |
|---|------------------|-----------------|
| <input checked="" type="checkbox"/> Leaf: length (mm) | | |
| Mean | 71.20 | 53.30 |
| Std. Deviation | 7.40 | 5.50 |
| LSD/sig | 8.36 | P≤0.01 |
| <input type="checkbox"/> Leaf: width (mm) | | |
| Mean | 31.30 | 28.50 |
| Std. Deviation | 1.80 | 2.60 |
| LSD/sig | 2.92 | ns |
| <input checked="" type="checkbox"/> Fruit: diameter (mm) | | |
| Mean | 15.20 | 16.40 |
| Std. Deviation | 0.50 | 0.80 |
| LSD/sig | 0.86 | P≤0.01 |
| <input checked="" type="checkbox"/> Fruit: diameter of calyx basin (mm) | | |
| Mean | 7.40 | 5.20 |
| Std. Deviation | 1.00 | 0.70 |
| LSD/sig | 1.08 | P≤0.01 |

Prior Applications and Sales

Prior applications nil. First sold in Australia in Jan 2010. Overseas sale nil.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2010/237 |
| Variety Name | 'Lehl-21' |
| Genus Species | <i>Vaccinium</i> hybrid |
| Common Name | Southern Highbush Blueberry |
| Synonym | Nil |
| Accepted Date | 08 Nov 2010 |
| Applicant | Lehl Family Trust, Corindi Beach, NSW |
| Agent | N/A |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Corindi Beach, NSW |
| Descriptor | Blueberry (<i>Vaccinium</i> spp.) TG/137/4 |
| Period | Aug 2009 – Oct 2010 |
| Conditions | Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots. |
| Trial Design | 10 plants per variety in standard commercial beds. |
| Measurements | Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Seedling selection: seed parent is an un-named variety from commercial fruit sales in 2001 at Corindi Beach, NSW. The seed parent is characterised by a medium season harvest timing. 2000: open pollinated seed from un-named variety from commercial fruit sales sown and approx 5000 plants originated. 2001-2003: first fruiting; growth and fruiting performances evaluated and commercial propagation and merit tested at two sites. Finally selected single seedling code named '21'. 2004-2009: continued propagation and large scale test planting; concluded as being of commercial value due to its distinctive traits. 2004 – present: Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'Lehl 21'. Selection took place in Corindi Beach, NSW in 2003. Selection criteria: low picking cost, medium fruit size, early - medium time of ripening, commercial yield of fruit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Jaspal Singh Lehl, Corindi Beach, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------------------|--|
| Time of | beginning of fruit ripening | early to medium |
| Leaf | shape | elliptic |
| Plant | growth habit | semi upright |
| Fruit | shape in longitudinal section | oblate |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|----------|
| 'Lehl 64' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---------------|--|--|---|---|
| 'Sharpe Blue' | Leaf width | medium | broad | |
| 'Ridley 0505' | Plant yield of fruit high | | medium | Fruit diameter of 'Ridley 0505' is also larger. |
| 'Ridley 1111' | Fruit diameter | medium | large | 'Ridley 1111' has a more upright growth habit than candidate. |
| 'Biloxi' | Fruit time of ripening | very early | early to medium | |
| 'S210' | Time of beginning of ripening of fruit | early to medium | early | Also has medium sweetness and strong plant growth vigour. |
| 'Biloxi' | Fruit firmness | medium | firm | 'Biloxi' is also less sweet and more acid in fruit flavour. |

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

| Organ/Plant Part: Context | 'Lehl-21' | 'Lehl 64' |
|---|---------------------|---------------------|
| <input type="checkbox"/> *Plant: vigour | medium | medium to strong |
| <input type="checkbox"/> *Plant: growth habit | semi upright | semi upright |
| <input type="checkbox"/> *Leaf: shape | elliptic | elliptic |
| <input type="checkbox"/> Leaf: colour of upper side | green | green |
| <input type="checkbox"/> *Leaf: intensity of green colour on upper side (varieties with green leaf colour only) | medium | medium |
| <input type="checkbox"/> *Leaf: margin | entire | entire |
| <input checked="" type="checkbox"/> Flower bud: anthocyanin coloration | weak to medium | strong |
| <input type="checkbox"/> Flower: shape of corolla | urceolate | urceolate |
| <input type="checkbox"/> *Flower: size of corolla tube | medium | medium |
| <input type="checkbox"/> *Flower: anthocyanin colouration of corolla tube | absent or very weak | absent or very weak |
| <input type="checkbox"/> Flower: ridges on corolla tube | present | present |
| <input type="checkbox"/> Fruit cluster: density | dense | dense |
| <input type="checkbox"/> *Unripe fruit: intensity of green colour | light to medium | light to medium |
| <input checked="" type="checkbox"/> *Fruit: size | medium | small to medium |

| | | | |
|-------------------------------------|---|---|---|
| <input type="checkbox"/> | *Fruit: shape in longitudinal section | oblate | oblate |
| <input type="checkbox"/> | Fruit: attitude of sepals | semi-erect | erect to semi-erect |
| <input type="checkbox"/> | Fruit: type of sepals | straight | straight |
| <input checked="" type="checkbox"/> | Fruit: diameter of calyx basin | large | medium to large |
| <input type="checkbox"/> | Fruit: depth of calyx basin | shallow to medium | shallow to medium |
| <input type="checkbox"/> | *Fruit: intensity of bloom | medium to strong | medium to strong |
| <input type="checkbox"/> | *Fruit: colour of skin | dark blue | dark blue |
| <input type="checkbox"/> | Fruit: firmness | medium | medium to firm |
| <input checked="" type="checkbox"/> | *Fruit: sweetness | high | medium |
| <input type="checkbox"/> | *Fruit: acidity | medium | medium |
| <input type="checkbox"/> | *Plant: fruiting type | on one-year-old and current season's shoots | on one-year-old and current season's shoots |
| <input type="checkbox"/> | *Time of: vegetative bud burst | early | early to medium |
| <input type="checkbox"/> | *Time of: beginning of fruit ripening on current year's shoot (varieties which fruit on one-year-old and current season's shoots) | early to medium | early to medium |

Statistical Table

| Organ/Plant Part: Context | 'Lehl-21' | 'Lehl 64' |
|---|------------------|------------------|
| <input checked="" type="checkbox"/> Leaf: length (mm) | | |
| Mean | 56.20 | 63.00 |
| Std. Deviation | 4.80 | 3.20 |
| LSD/sig | 5.25 | P≤0.01 |
| <input type="checkbox"/> Leaf: width (mm) | | |
| Mean | 31.60 | 31.00 |
| Std. Deviation | 1.70 | 1.20 |
| LSD/sig | 1.88 | ns |
| <input checked="" type="checkbox"/> Fruit: diameter (mm) | | |
| Mean | 16.70 | 14.50 |
| Std. Deviation | 0.50 | 1.00 |
| LSD/sig | 1.02 | P≤0.01 |
| <input checked="" type="checkbox"/> Fruit: diameter of calyx basin (mm) | | |
| Mean | 7.20 | 6.40 |
| Std. Deviation | 0.60 | 0.30 |
| LSD/sig | 0.66 | P≤0.01 |

Prior Applications and Sales

Prior applications nil. First sold in Australia in Jan 2010. Overseas sale nil.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2010/235 |
| Variety Name | 'Lehl-64' |
| Genus Species | <i>Vaccinium</i> hybrid |
| Common Name | Southern Highbush Blueberry |
| Synonym | Nil |
| Accepted Date | 08 Nov 2010 |
| Applicant | Lehl Family Trust, Corindi Beach, NSW |
| Agent | N/A |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Corindi Beach, NSW |
| Descriptor | Blueberry (<i>Vaccinium</i> spp.) TG/137/4 |
| Period | Aug 2009-Oct 2010 |
| Conditions | Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots. |
| Trial Design | 10 plants per variety in standard commercial beds. |
| Measurements | Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Seedling selection: seed parent is an un-named variety from commercial fruit sales in 2001 at Corindi Beach, NSW. The seed parent is characterised by a medium season harvest timing. 2000: open pollinated seed from un-named variety from commercial fruit sales sown and approx 5000 plants originated. 2001-2003: first fruiting; growth and fruiting performances evaluated and commercial propagation and merit tested at two sites. Finally selected single seedling code named '64'. 2004-2009: continued propagation and large scale test planting; concluded as being of commercial value due to its distinctive traits. 2004- present: Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'Lehl 64'. Selection took place in Corindi Beach, NSW in 2003. Selection criteria: low picking cost, medium fruit size, early - medium time of ripening, commercial yield of fruit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Jaspal Singh Lehl, Corindi Beach, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------------------|--|
| Fruit | shape in longitudinal section | oblate |
| Plant | growth habit | semi upright |
| Leaf | shape | elliptic |
| Time of | beginning of fruit ripening | early to medium |
| Flower | size of corolla tube | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|----------|
| 'Lehl 21' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---------------|-------------------------------------|--|---|--|
| 'Misty' | Fruit shape in longitudinal section | oblate | globose | |
| 'Ridley 0328' | Fruit size | small to medium | large | Time of beginning of ripening of fruit is early. |
| 'Farthing' | Fruit size | small to medium | medium to large | |
| 'Ridley 1202' | Fruit size | small to medium | large | |
| 'Millenia' | Fruit size | small to medium | medium to large | |
| 'Biloxi' | Flower size of corolla tube | medium | small | |
| 'C97-41' | Fruit diameter of calyx basin | medium to large | small to 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 | 'Lehl-64' | 'Lehl 21' |
|---|---------------------|---------------------|
| <input type="checkbox"/> *Plant: vigour | medium to strong | medium |
| <input type="checkbox"/> *Plant: growth habit | semi upright | semi upright |
| <input type="checkbox"/> *Leaf: shape | elliptic | elliptic |
| <input type="checkbox"/> Leaf: colour of upper side | green | green |
| <input type="checkbox"/> *Leaf: intensity of green colour on upper side (varieties with green leaf colour only) | medium | medium to dark |
| <input type="checkbox"/> *Leaf: margin | entire | entire |
| <input checked="" type="checkbox"/> Flower bud: anthocyanin coloration | strong | weak to medium |
| <input type="checkbox"/> Flower: shape of corolla | urceolate | urceolate |
| <input type="checkbox"/> *Flower: size of corolla tube | medium | medium |
| <input type="checkbox"/> *Flower: anthocyanin colouration of corolla tube | absent or very weak | absent or very weak |
| <input type="checkbox"/> Flower: ridges on corolla tube | present | present |
| <input type="checkbox"/> Fruit cluster: density | dense | dense |
| <input type="checkbox"/> *Unripe fruit: intensity of green colour | light to medium | light to medium |
| <input checked="" type="checkbox"/> *Fruit: size | small to medium | medium |
| <input type="checkbox"/> *Fruit: shape in longitudinal section | oblate | oblate |
| <input type="checkbox"/> Fruit: attitude of sepals | erect to semi-erect | semi-erect |

| | | | |
|-------------------------------------|---|---|---|
| <input type="checkbox"/> | Fruit: type of sepals | straight | straight |
| <input checked="" type="checkbox"/> | Fruit: diameter of calyx basin | medium to large | large |
| <input type="checkbox"/> | Fruit: depth of calyx basin | shallow to medium | shallow to medium |
| <input type="checkbox"/> | *Fruit: intensity of bloom | medium to strong | medium to strong |
| <input type="checkbox"/> | *Fruit: colour of skin | dark blue | dark blue |
| <input type="checkbox"/> | Fruit: firmness | medium to firm | medium |
| <input checked="" type="checkbox"/> | *Fruit: sweetness | medium | high |
| <input type="checkbox"/> | *Fruit: acidity | medium | medium |
| <input type="checkbox"/> | *Plant: fruiting type | on one-year-old and current season's shoots | on one-year-old and current season's shoots |
| <input type="checkbox"/> | *Time of: vegetative bud burst | early to medium | early |
| <input type="checkbox"/> | *Time of: beginning of flowering on current year's shoot (varieties which fruit on one-year-old and current season's shoots only) | early to medium | early |
| <input type="checkbox"/> | *Time of: beginning of fruit ripening on current year's shoot (varieties which fruit on one-year-old and current season's shoots) | early to medium | early to medium |

Statistical Table

| Organ/Plant Part: Context | 'Lehl-64' | 'Lehl 21' |
|---|------------------|------------------|
| <input checked="" type="checkbox"/> Leaf: length (mm) | | |
| Mean | 63.00 | 56.20 |
| Std. Deviation | 3.20 | 4.80 |
| LSD/sig | 5.25 | P≤0.01 |
| <input type="checkbox"/> Leaf: width (mm) | | |
| Mean | 31.00 | 31.60 |
| Std. Deviation | 1.20 | 1.70 |
| LSD/sig | 1.88 | ns |
| <input checked="" type="checkbox"/> Fruit: diameter (mm) | | |
| Mean | 14.50 | 16.70 |
| Std. Deviation | 1.00 | 0.50 |
| LSD/sig | 1.02 | P≤0.01 |
| <input checked="" type="checkbox"/> Fruit: diameter of calyx basin (mm) | | |
| Mean | 6.40 | 7.20 |
| Std. Deviation | 0.30 | 0.60 |
| LSD/sig | 0.66 | P≤0.01 |

Prior Applications and Sales

Prior applications nil. First sold in Australia in Jan 2010. Overseas sale nil.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2010/236 |
| Variety Name | 'Lehl-56' |
| Genus Species | <i>Vaccinium</i> hybrid |
| Common Name | Southern Highbush Blueberry |
| Synonym | Nil |
| Accepted Date | 08 Nov 2010 |
| Applicant | Lehl Family Trust, Corindi Beach, NSW |
| Agent | N/A |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Corindi Beach, NSW |
| Descriptor | Blueberry (<i>Vaccinium</i> spp.) TG/137/4 |
| Period | Aug 2009-Oct 2010 |
| Conditions | Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots. |
| Trial Design | 10 plants per variety in standard commercial beds. |
| Measurements | Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Seedling selection: seed parent is an un-named variety from commercial fruit sales in 2001 at Corindi Beach, NSW. The seed parent is characterised by a medium season harvest timing. 2000: open pollinated seed from un-named variety from commercial fruit sales sown and approx 5000 plants originated. 2001-2003: first fruiting; growth and fruiting performances evaluated and commercial propagation and merit tested at two sites. Finally selected single seedling code named '56'. 2004-2009: continued propagation and large scale test planting; concluded as being of commercial value due to its distinctive traits. 2004 – present: Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'Lehl 56'. Selection took place in Corindi Beach, NSW in 2003. Selection criteria: low picking cost, early - medium time of ripening, commercial yield of fruit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Jaspal Singh Lehl, Corindi Beach, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------------------|--|
| Fruit | shape in longitudinal section | oblate |
| Plant | growth habit | upright |
| Leaf | shape | elliptic |
| Time of | beginning of fruit ripening | early to medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------|----------|
| 'Biloxi' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---------------|--------------------------------|--|---|--|
| 'OB1' | Time beginning of ripening | early to medium | very early | |
| 'Scintilla' | Plant growth habit upright | | bushy | Comparator also has medium (weaker) growth vigour. |
| 'Millenia' | Plant growth habit upright | | bushy | |
| 'Ridley 1202' | Plant growth habit upright | | semi-upright | Fruit size is also large. |
| 'Sharpe Blue' | Leaf width | medium | broad | 'Sharpe Blue' also has sweeter fruit. |

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 | 'Lehl-56' | 'Biloxi' |
|---|-----------------------|---------------------|
| <input type="checkbox"/> *Plant: vigour | strong to very strong | medium to strong |
| <input type="checkbox"/> *Plant: growth habit | upright | upright |
| <input type="checkbox"/> *Leaf: shape | elliptic | elliptic |
| <input type="checkbox"/> Leaf: colour of upper side | green | green |
| <input type="checkbox"/> *Leaf: intensity of green colour on upper side (varieties with green leaf colour only) | medium | medium |
| <input type="checkbox"/> *Leaf: margin | entire | entire |
| <input checked="" type="checkbox"/> Flower bud: anthocyanin coloration | weak | medium |
| <input type="checkbox"/> Flower: shape of corolla | urceolate | urceolate |
| <input checked="" type="checkbox"/> *Flower: size of corolla tube | medium | small |
| <input type="checkbox"/> *Flower: anthocyanin colouration of corolla tube | absent or very weak | absent or very weak |
| <input type="checkbox"/> Flower: ridges on corolla tube | present | present |
| <input checked="" type="checkbox"/> Fruit cluster: density | medium | dense |
| <input checked="" type="checkbox"/> *Unripe fruit: intensity of green colour | very light to light | light to medium |
| <input checked="" type="checkbox"/> *Fruit: size | medium to large | medium |
| <input type="checkbox"/> *Fruit: shape in longitudinal section | oblate | oblate |
| <input type="checkbox"/> Fruit: attitude of sepals | erect to semi-erect | erect to semi-erect |
| <input type="checkbox"/> Fruit: type of sepals | straight | straight |

| | | | |
|-------------------------------------|---|---|---|
| <input type="checkbox"/> | Fruit: diameter of calyx basin | medium to large | large |
| <input type="checkbox"/> | Fruit: depth of calyx basin | deep | medium |
| <input checked="" type="checkbox"/> | *Fruit: intensity of bloom | strong to very strong | medium to strong |
| <input type="checkbox"/> | *Fruit: colour of skin | dark blue | dark blue |
| <input type="checkbox"/> | Fruit: firmness | medium to firm | firm |
| <input type="checkbox"/> | *Fruit: sweetness | low to medium | medium |
| <input checked="" type="checkbox"/> | *Fruit: acidity | low to medium | medium to high |
| <input type="checkbox"/> | *Plant: fruiting type | on one-year-old and current season's shoots | on one-year-old and current season's shoots |
| <input type="checkbox"/> | *Time of: vegetative bud burst | early to medium | early to medium |
| <input type="checkbox"/> | *Time of: beginning of flowering on current year's shoot (varieties which fruit on one-year-old and current season's shoots only) | early to medium | early to medium |
| <input type="checkbox"/> | *Time of: beginning of fruit ripening on current year's shoot (varieties which fruit on one-year-old and current season's shoots) | early to medium | early to medium |

Statistical Table

Organ/Plant Part: Context

| | 'Lehl-56' | 'Biloxi' |
|--|------------------|-----------------|
| <input checked="" type="checkbox"/> Leaf: length (mm) | | |
| Mean | 62.20 | 53.30 |
| Std. Deviation | 4.30 | 5.50 |
| LSD/sig | 6.33 | P≤0.01 |
| <input type="checkbox"/> Leaf: width (mm) | | |
| Mean | 32.70 | 28.50 |
| Std. Deviation | 4.70 | 2.60 |
| LSD/sig | 4.88 | ns |
| <input checked="" type="checkbox"/> Fruit: diameter (mm) | | |
| Mean | 18.10 | 16.40 |
| Std. Deviation | 1.30 | 0.80 |
| LSD/sig | 1.40 | P≤0.01 |
| <input type="checkbox"/> Fruit: diameter of calyx basin (mm) | | |
| Mean | 5.90 | 5.20 |
| Std. Deviation | 0.70 | 0.70 |
| LSD/sig | 0.91 | ns |

Prior Applications and Sales

Prior applications nil. First sold in Australia in Jan 2010. Overseas sale nil.

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/312 |
| Variety Name | 'Talgai' |
| Genus Species | <i>Glycine max</i> |
| Common Name | Soybean |
| Synonym | Nil |
| Accepted Date | 25 May 2010 |
| Applicant | Eric Robinson, John Rose, Toowoomba and Warwick, QLD |
| Agent | N/A |
| Qualified Person | John Rose |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Hermitage Research Station, QLD |
| Descriptor | Soya Bean (<i>Glycine max</i>) TG/80/6 |
| Period | Jan – May 2010 |
| Conditions | The trial was planted in black clay soil on 5 Jan 2010. The site had a full profile of soil moisture and received one irrigation in mid March. After flowering the crop was sprayed with an insecticide to control aphids and green vegetable bugs. |
| Trial Design | A randomised block with four reps was used. Each plot was a 5m single row with 75cm row spacing. Plant spacing within the row was 3-4cm. |
| Measurements | Measurements on 40 plants or parts of 20 plants were taken for days to flower, plant height, leaflet length and width, petiole length, pod length, 100 seed weight. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The cross between 'Centaur' and 'Koala' was made by Dr. John Rose in Feb 1994. The F1 plants were grown in pots in 1995. The F2 plants were grown in a heated glasshouse in the following winter. F3 seed from single F2 plants was sown in a field infected with phytophthora root rot at Hermitage Research Station. Single plants were selected from disease resistant rows. Seed from the selected plants was used to plant F4 rows the following year. The same selection process was repeated for F4 and F5 rows. Disease resistant F5 rows were identified and those which were uniform for flower colour, pubescence colour and yellow hilum and appeared to have good seed yield were harvested for preliminary yield testing. After three years of yield testing the line called Cenko 4411 was chosen for its disease resistance, hilum colour, large seed and high yield potential. Breeders: John Rose and Eric Robinson.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------------|--|
| Flower | colour | white |
| Stem | colour of pubescence | grey |
| Seed | hilum colour | yellow |
| Leaf | leaflet shape | pointed ovate to rounded ovate |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|---------|----------|
| 'Ascot' | |
| 'Bunya' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|------------|--------------------------------|--|---|
| 'Manark' | Seed/hilum colour | yellow | buff |
| 'Warrigal' | Seed size | large | medium |
| 'Centaur' | Seed/hilum colour | yellow | buff |
| 'Fraser' | Leaf/leaflet shape | pointed ovate | lanceolate |
| 'Cawana' | Flower colour | white | purple |
| 'Koala' | Flower colour | white | purple |
| 'Jabiru' | Seed/hilum colour | yellow | buff |
| 'Cowrie' | Plant height | short to medium | very 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 | 'Talgai' | 'Ascot' | 'Bunya' |
|---|---------------------|---------------------|---------------------|
| <input type="checkbox"/> *Hypocotyl: anthocyanin colouration | absent | absent | absent |
| <input type="checkbox"/> *Plant: growth type | determinate | determinate | determinate |
| <input type="checkbox"/> Plant: growth habit | erect | erect | erect |
| <input type="checkbox"/> *Plant: colour of hairs of main stem | grey | grey | grey |
| <input type="checkbox"/> *Plant: height | short to medium | short to medium | short to medium |
| <input type="checkbox"/> *Leaf: shape of lateral leaflet | pointed ovate | pointed ovate | rounded ovate |
| <input type="checkbox"/> Leaf: size of lateral leaflet | medium | medium | large |
| <input type="checkbox"/> *Flower: colour | white | white | white |
| <input type="checkbox"/> Seed: size | large | large | large |
| <input type="checkbox"/> Seed: shape | spherical flattened | spherical flattened | spherical flattened |
| <input type="checkbox"/> *Seed: ground colour of testa | yellow | yellow | yellow |
| <input type="checkbox"/> *Seed: hilum colour | yellow | yellow | yellow |
| <input type="checkbox"/> *Plant: time of beginning of flowering | early to medium | early to medium | medium |
| <input type="checkbox"/> *Plant: time of maturity | early to medium | early to medium | medium |

Statistical Table

| Organ/Plant Part: Context | 'Talgai' | 'Ascot' | 'Bunya' |
|--|----------|---------|---------|
| <input type="checkbox"/> Plant: flowering (days) | | | |
| Mean | 45.08 | 45.50 | 46.63 |
| Std. Deviation | 0.94 | 0.96 | 1.23 |
| LSD/sig | 0.50 | ns | P≤0.01 |
| <input type="checkbox"/> Plant: height (cm) | | | |

| | | | |
|--|--------|--------|--------|
| Mean | 58.08 | 58.68 | 58.05 |
| Std. Deviation | 4.74 | 6.10 | 5.36 |
| LSD/sig | 2.52 | ns | ns |
| <input checked="" type="checkbox"/> Central leaflet: length (mm) | | | |
| Mean | 126.45 | 135.30 | 121.03 |
| Std. Deviation | 9.53 | 9.88 | 7.71 |
| LSD/sig | 5.06 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Central leaflet: width (mm) | | | |
| Mean | 77.25 | 75.88 | 80.65 |
| Std. Deviation | 7.96 | 8.40 | 8.32 |
| LSD/sig | 4.23 | ns | ns |
| <input checked="" type="checkbox"/> Pod: length (mm) | | | |
| Mean | 56.85 | 51.58 | 54.28 |
| Std. Deviation | 2.69 | 2.61 | 2.48 |
| LSD/sig | 1.43 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Pod: width (mm) | | | |
| Mean | 12.25 | 10.68 | 10.70 |
| Std. Deviation | 0.49 | 0.66 | 0.52 |
| LSD/sig | 0.26 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Seed: 100 seed weight (g) | | | |
| Mean | 21.10 | 24.56 | 24.91 |
| Std. Deviation | 2.12 | 2.01 | 3.00 |
| LSD/sig | 1.13 | P≤0.01 | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **John Rose**, Warwick, QLD.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2010/057 |
| Variety Name | 'Fernside' |
| Genus Species | <i>Glycine max</i> |
| Common Name | Soybean |
| Synonym | |
| Accepted Date | 15 Apr 2010 |
| Applicant | Eric Robinson, John Rose, Toowoomba and Warwick, QLD |
| Agent | |
| Qualified Person | John Rose |

Details of Comparative Trial

| | |
|---------------------|--|
| Location | Hermitage Research Station, QLD |
| Descriptor | Soya Bean (<i>Glycine max</i>) TG/80/6 |
| Period | Jan – May 2010 |
| Conditions | The trial was planted in black clay soil on 5 Jan 2010. The site had a full profile of soil moisture and received one irrigation in late Mar. After flowering the crop was sprayed with an insecticide to control aphids and green vegetable bugs. |
| Trial Design | A randomized block design with four reps was used. Each plot was a 5m single row with 75cm row spacing. Plant spacing within the row was 3-4cm. |
| Measurements | Measurements on 40 plants or parts of 40 plants were taken for days to flower, plant height, central leaflet length and width, petiole length, pod length, pod width and 100 seed weight. |

RHS Chart - edition**Origin and Breeding**

Controlled Pollination: The cross between Warrigal and an unnamed natto type line imported from Japan was made by Dr John Rose in Feb 1990. The F1 plants were grown in pots in 1991. The F2 plants were grown in a heated glasshouse the following winter. F3 seed from single F2 plants was sown in a field infected with phytophthora root rot at Hermitage Research Station in 1992. Single plants were selected from disease resistant rows. Seed from the selected plants was used to plant F4 rows the following year. The same selection process was repeated for F4 and F5 rows. Disease resistant F5 rows were identified and those which were uniform for flower colour and pubescent colour and for yellow hilum and appeared to have good seed yield were harvested for preliminary yield testing. After three years of yield testing the line called 'Warnat 14-1' was chosen for its disease resistance, yellow hilum colour, resistance to lodging and high yield. Breeders: John Rose and Eric Robinson.

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 of petal | white |
| Stem | colour of pubescence | grey |
| Seed | colour of hilum | yellow |
| Seed | size | medium to large |

| | | |
|------|---------------|--------------------------------|
| Pod | length | short |
| Leaf | leaflet shape | pointed ovate to rounded ovate |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------|----------|
| 'Warrigal' | |
| 'Bunya' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------|--------------------------------|--|---|
| 'Natto' | Seed size | medium | very small |
| 'Talgai' | Pod length | short | long |
| 'Manark' | Seed/hilum colour | yellow | buff |
| 'A6785' | Seed/hilum colour | yellow | buff |
| 'Cawana' | Flower colour | white | purple |
| 'Jabiru' | Seed/hilum colour | yellow | buff |
| 'Fraser' | Leaf/leaflet shape | pointed ovate | lanceolate |
| 'Cowrie' | Plant height | tall | very 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 | 'Fernside' | 'Bunya' | 'Warrigal' |
|--|----------------|---------------------|----------------|
| <input type="checkbox"/> *Hypocotyl: anthocyanin colouration | absent | absent | absent |
| <input type="checkbox"/> *Plant: growth type | determinate | determinate | determinate |
| <input type="checkbox"/> Plant: growth habit | erect | erect | erect |
| <input type="checkbox"/> *Plant: colour of hairs of main stem | grey | grey | grey |
| <input checked="" type="checkbox"/> *Plant: height | tall | short to medium | tall |
| <input type="checkbox"/> *Leaf: shape of lateral leaflet | pointed ovate | rounded ovate | pointed ovate |
| <input checked="" type="checkbox"/> Leaf: size of lateral leaflet | medium | large | medium |
| <input type="checkbox"/> *Flower: colour | white | white | white |
| <input checked="" type="checkbox"/> Seed: size | medium | large | medium |
| <input type="checkbox"/> Seed: shape | spherical | spherical flattened | spherical |
| <input type="checkbox"/> *Seed: ground colour of testa | yellow | yellow | yellow |
| <input type="checkbox"/> *Seed: hilum colour | yellow | yellow | yellow |
| <input checked="" type="checkbox"/> *Plant: time of beginning of flowering | medium to late | medium | medium to late |
| <input type="checkbox"/> *Plant: time of maturity | medium to late | medium | medium to late |

Statistical Table

| Organ/Plant Part: Context | 'Fernside' | 'Bunya' | 'Warrigal' |
|--|------------|---------|------------|
| <input type="checkbox"/> Plant: flowering (days) | | | |
| Mean | 48.30 | 46.63 | 48.90 |
| Std. Deviation | 1.47 | 1.23 | 1.17 |

| | | | |
|--|--------|--------|--------|
| LSD/sig | 0.78 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Plant: height (cm) | | | |
| Mean | 65.83 | 58.05 | 68.95 |
| Std. Deviation | 5.73 | 5.36 | 7.27 |
| LSD/sig | 3.04 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Central leaflet: length (mm) | | | |
| Mean | 114.55 | 121.03 | 116.20 |
| Std. Deviation | 10.10 | 7.71 | 7.86 |
| LSD/sig | 5.37 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Central leaflet: width (mm) | | | |
| Mean | 71.23 | 80.65 | 73.15 |
| Std. Deviation | 8.74 | 8.32 | 5.03 |
| LSD/sig | 4.64 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Pod: length (mm) | | | |
| Mean | 46.85 | 54.28 | 46.23 |
| Std. Deviation | 2.12 | 2.48 | 2.15 |
| LSD/sig | 1.13 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Pod: width (mm) | | | |
| Mean | 8.95 | 10.70 | 8.85 |
| Std. Deviation | 0.39 | 0.52 | 0.43 |
| LSD/sig | 0.21 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Seed: 100 seed weight (g) | | | |
| Mean | 19.05 | 24.91 | 18.22 |
| Std. Deviation | 1.68 | 3.00 | 2.08 |
| LSD/sig | 0.89 | P≤0.01 | ns |

Prior Applications and Sales

Nil.

Description: **John Rose**, Warwick, QLD

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/313 |
| Variety Name | 'Ascot' |
| Genus Species | <i>Glycine max</i> |
| Common Name | Soybean |
| Synonym | |
| Accepted Date | 15 Apr 2010 |
| Applicant | Eric Robinson, John Rose, Toowoomba and Warwick, QLD |
| Agent | |
| Qualified Person | John Rose |

Details of Comparative Trial

| | |
|---------------------|--|
| Location | Hermitage Research Station, QLD |
| Descriptor | Soya Bean (<i>Glycine max</i>) TG/80/6 |
| Period | Jan – May 2010 |
| Conditions | The trial was planted in black clay soil on 5th January 2010. The site had a full profile of soil moisture and received one irrigation in late March. After flowering the crop was sprayed with an insecticide to control aphids and green vegetable bugs. |
| Trial Design | A randomised block design with four reps was used. Each plot was a 5m singe row with 75cm row spacing. Plant spacing was 3-4 cm. |
| Measurements | Measurements on 40 plants or parts of 40 plants for days to flower, plant height, leaflet length and width, petiole length, pod length, 100 seed weight. |

RHS Chart - edition**Origin and Breeding**

Controlled pollination: The cross between 'Koala' and 'Warrigal' was made by Dr John Rose in Feb 1995. The F1 plants were grown in pots in 1996. The F2 plants were grown in a heated glasshouse the following winter. The F3 seed from single F2 plants was sown in a field infected with phytophthora root rot at Hermitage Research Station in 1997. Single plants were selected from disease resistant rows. Seed from the selected plants was used to plant F4 rows the following year. The same selection process was repeated for the F4 and F5 rows. Phytophthora resistant F5 rows were identified and those which were uniform for yellow hilum, flower colour and pubescence colour and appeared to have good seed yield were harvested for preliminary yield testing. After three years of yield testing the line called 'Kowar 3311' was chosen for its disease resistance, hilum colour, large seed and high yield. Breeders: John Rose and Eric Robinson.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------------|--|
| Flower | colour | white |
| Stem | colour of pubescence | grey |
| Seed | hilum colour | yellow |
| Leaf | leaflet shape | pointed ovate to rounded ovate |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------|----------|
| 'Warrigal' | |
| 'Bunya' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------|--------------------------------|--|---|
| 'Manark' | Seed/hilum colour | yellow | buff |
| 'A6785' | Seed/hilum colour | yellow | buff |
| 'Koala' | Flower colour | white | purple |
| 'Cawana' | Flower colour | white | purple |
| 'Jabiru' | Seed/hilum colour | yellow | buff |
| 'Fraser' | Leaf shape | pointed ovate | lanceolate |
| 'Cowrie' | Plant height | short to medium | very 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 | 'Ascot' | 'Bunya' | 'Warrigal' |
|--|---------------------|---------------------|----------------|
| <input type="checkbox"/> *Hypocotyl: anthocyanin colouration | absent | absent | absent |
| <input type="checkbox"/> *Plant: growth type | determinate | determinate | determinate |
| <input type="checkbox"/> Plant: growth habit | erect | erect | erect |
| <input type="checkbox"/> *Plant: colour of hairs of main stem | grey | grey | grey |
| <input checked="" type="checkbox"/> *Plant: height | short to medium | short to medium | tall |
| <input type="checkbox"/> *Leaf: shape of lateral leaflet | pointed ovate | rounded ovate | pointed ovate |
| <input type="checkbox"/> Leaf: size of lateral leaflet | medium | large | medium |
| <input type="checkbox"/> *Flower: colour | white | white | white |
| <input checked="" type="checkbox"/> Seed: size | large | large | medium |
| <input type="checkbox"/> Seed: shape | spherical flattened | spherical flattened | spherical |
| <input type="checkbox"/> *Seed: ground colour of testa | yellow | yellow | yellow |
| <input type="checkbox"/> *Seed: hilum colour | yellow | yellow | yellow |
| <input checked="" type="checkbox"/> *Plant: time of beginning of flowering | early to medium | early to medium | medium to late |
| <input type="checkbox"/> *Plant: time of maturity | early to medium | early to medium | medium to late |

Statistical Table

| Organ/Plant Part: Context | 'Ascot' | 'Bunya' | 'Warrigal' |
|--|---------|---------|------------|
| <input type="checkbox"/> Plant: flowering (days) | | | |
| Mean | 45.50 | 46.63 | 48.90 |
| Std. Deviation | 0.96 | 1.23 | 1.17 |
| LSD/sig | 0.51 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Plant: height (cm) | | | |

| | | | |
|--|--------|--------|--------|
| Mean | 58.68 | 58.05 | 68.95 |
| Std. Deviation | 6.10 | 5.36 | 7.27 |
| LSD/sig | 3.24 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Central leaflet: length (mm) | | | |
| Mean | 135.30 | 121.03 | 116.20 |
| Std. Deviation | 9.88 | 7.71 | 7.86 |
| LSD/sig | 5.06 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Central leaflet: width (mm) | | | |
| Mean | 75.88 | 80.65 | 73.15 |
| Std. Deviation | 8.40 | 8.32 | 5.03 |
| LSD/sig | 4.46 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Pod: length (mm) | | | |
| Mean | 51.58 | 54.28 | 46.23 |
| Std. Deviation | 2.61 | 2.48 | 2.15 |
| LSD/sig | 1.39 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Pod: width (mm) | | | |
| Mean | 10.68 | 10.70 | 8.85 |
| Std. Deviation | 0.66 | 0.52 | 0.43 |
| LSD/sig | 0.35 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Seed: 100 seed weight (g) | | | |
| Mean | 24.56 | 24.91 | 18.22 |
| Std. Deviation | 2.01 | 3.00 | 2.08 |
| LSD/sig | 1.07 | ns | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **John Rose**, Warwick, QLD

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/270 |
| Variety Name | 'Monterey' |
| Genus Species | <i>Fragaria xananassa</i> |
| Common Name | Strawberry |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | The Regents of the University of California, Oakland, CA, USA |
| Agent | Leslie W Mitchell, Shepparton, VIC |
| Qualified Person | Leslie Mitchell |

Details of Comparative Trial

| | |
|---------------------------------------|---|
| Overseas Testing Authority | Community Plant Variety Right (CPVO) |
| Overseas Data Reference Number | 28655 - Community Plant Variety Right |
| Location | NECE-ESCAROUPIM SPAIN |
| Descriptor | Strawberry (new) (<i>Fragaria</i>) TG/22/10 |
| Period | 2008-2010 |

Origin and Breeding

Controlled pollination: 'Monterey' originated from a cross performance in 2001 between the cultivar 'Albion' (U.S. Plant Patent 16,228) and advance selection Cal 97.85-6. 'Monterey' was first fruited at the University of California Wolfskill Experimental Orchard, near Winters in California in 2002, where it was selected and originally designated Cal 1.132-3. The variety was then propagated asexually by runners. Following selection and during testing the plant of this selection was designated 'CN222'. Asexual propogules from this original source have been evaluated at the Watsonville Strawberry Research Facility and South Coast Research and Extension Centre, The cultivar is stable and reproduces true to type in successive generations of asexual reproduction. Breeder: Douglas V. Shaw and Kirk D. Larson, The University of California, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-----------------|--|
| Plant | growth type | upright |
| Plant | type of bearing | day neutral |
| Fruit | colour | orange red |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Albion' | |
| 'Diamente' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing | State of Expression in | State of Expression in |
|----------------|-----------------------|-------------------------------|-------------------------------|
|----------------|-----------------------|-------------------------------|-------------------------------|

| | Characteristics | Candidate Variety | Comparator Variety |
|----------|-----------------|-------------------|--------------------|
| 'Aromas' | Plant height | 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 | 'Monterey' | 'Albion' | 'Diamente' |
|---|--------------------|----------|-------------|
| <input type="checkbox"/> *Plant: growth habit | upright | | |
| <input type="checkbox"/> Plant: density of foliage | medium | | |
| <input checked="" type="checkbox"/> Plant: vigour | strong | | medium |
| <input type="checkbox"/> *Plant: position of inflorescence in relation to foliage | above | | |
| <input checked="" type="checkbox"/> *Plant: number of stolons | absent or very few | | many |
| <input type="checkbox"/> Stolon: anthocyanin colouration | medium | | |
| <input type="checkbox"/> Stolon: density of pubescence | medium | | |
| <input type="checkbox"/> Leaf: size | medium | | |
| <input type="checkbox"/> Leaf: colour of upper side | medium green | | |
| <input type="checkbox"/> *Leaf: blistering | medium | | |
| <input type="checkbox"/> *Leaf: glossiness | medium | | |
| <input type="checkbox"/> Leaf: variegation | absent | | |
| <input checked="" type="checkbox"/> *Terminal leaflet:: length in relation to width | equal | | much longer |
| <input type="checkbox"/> *Terminal leaflet: shape of base | acute | | |
| <input type="checkbox"/> Terminal leaflet: margin | crenate | | |
| <input type="checkbox"/> Terminal leaflet: shape in cross section | convex | | |
| <input type="checkbox"/> Petiole: length | medium | | |
| <input type="checkbox"/> Petiole: attitude of hairs | slightly outwards | | |
| <input type="checkbox"/> Stipule: anthocyanin colouration | weak | | |
| <input type="checkbox"/> Inflorescence: number of flowers | medium | | |
| <input type="checkbox"/> Pedicel: attitude of hairs | slightly outwards | | |
| <input type="checkbox"/> Flower: diameter | medium | | |
| <input type="checkbox"/> *Flower: arrangement of petals | overlapping | | |
| <input type="checkbox"/> *Flower: size of calyx in relation to corolla | same size | | |
| <input type="checkbox"/> *Flower: stamen | present | | |
| <input type="checkbox"/> Petal: length in relation to width | equal | | |
| <input type="checkbox"/> *Petal: colour of upper side | white | | |

| | | | |
|-------------------------------------|---|------------------------------|---------|
| <input type="checkbox"/> | *Fruit: length in relation to width | moderately longer | |
| <input checked="" type="checkbox"/> | *Fruit: size | large | medium |
| <input checked="" type="checkbox"/> | *Fruit: shape | conical | cordate |
| <input type="checkbox"/> | Fruit: difference in shape of terminal and other fruits | slight | |
| <input type="checkbox"/> | *Fruit: colour | orange red | |
| <input type="checkbox"/> | Fruit: evenness of colour | even or very slightly uneven | |
| <input type="checkbox"/> | Fruit: glossiness | strong | |
| <input type="checkbox"/> | Fruit: evenness of surface | even or very slightly uneven | |
| <input type="checkbox"/> | Fruit: width of band without achenes | absent or very narrow | |
| <input type="checkbox"/> | *Fruit: position of achenes | below surface | |
| <input type="checkbox"/> | Fruit: position of calyx attachment | level with fruit | |
| <input type="checkbox"/> | Fruit: attitude of sepals | outwards | |
| <input type="checkbox"/> | Fruit: diameter of calyx in relation to diameter of fruit | same size | |
| <input type="checkbox"/> | Fruit: adherence of calyx | strong | |
| <input type="checkbox"/> | Fruit: firmness | firm | |
| <input type="checkbox"/> | Fruit: colour of flesh (excluding core) | medium red | |
| <input type="checkbox"/> | Fruit: colour of core | medium red | |
| <input type="checkbox"/> | Fruit: cavity | absent or small | |
| <input type="checkbox"/> | *Time of: beginning of flowering | early | |
| <input type="checkbox"/> | Time of: beginning of fruit ripening | early | |
| <input type="checkbox"/> | *Type of: bearing | day neutral | |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Brazil | 2008 | Applied | 'Monterey' |
| Canada | 2008 | Granted | 'Monterey' |
| Switzerland | 2008 | Applied | 'Monterey' |
| Chile | 2008 | Applied | 'Monterey' |
| Ecuador | 2008 | Applied | 'Monterey' |
| New Zealand | 2008 | Applied | 'Monterey' |
| EU | 2008 | Applied | 'Monterey' |
| Turkey | 2009 | Applied | 'Monterey' |
| USA | 2008 | Granted | 'Monterey' |

First sold in USA in Feb 2008

Description: **Leslie Mitchell**, Shepparton, VIC

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/271 |
| Variety Name | 'San Andreas' |
| Genus Species | <i>Fragaria xananassa</i> |
| Common Name | Strawberry |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Regents of the University of California, USA |
| Agent | Leslie W Mitchell, Shepparton, VIC. |
| Qualified Person | Leslie Mitchell |

Details of Comparative Trial

| | |
|-------------------------|---|
| Overseas Testing | Community Plant Variety Right (CPVO) |
| Authority | |
| Overseas Data | 28653 - Community Plant Variety Right |
| Reference Number | |
| Location | NECE-ESCAROUPIM SPAIN |
| Descriptor | Strawberry (new) (<i>Fragaria</i>) TG/22/10 |
| Period | 2008-2010 |

Origin and Breeding

Controlled pollination: 'San Andreas' originated from a cross performance in 2001 between the cultivar 'Albion' (US PP16228) and advance selection Cal 97.86-1. 'San Andreas' was first fruited at the University of California Wolfskill Experimental Orchard, near Winters in California in 2002, where it was selected and originally designated Cal 1.139-2. The variety was then propagated asexually by runners. Following selection and during testing the plant of this selection was designated 'CN223'. Asexual propagules from this original source have been evaluated at the Watsonville Strawberry Research Facility and South Coast Research and extension centre. The cultivar is stable and reproduces true to type in successive generations of asexual production. Breeder: Douglas V. Shaw and Kirk D. Larson, The University of California, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------------|--|
| Petal | colour of upper side | white |
| Fruit | size | large |
| Fruit | shape | conical |
| Plant | type of bearing | day neutral |
| Fruit | colour | medium red |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Albion' | |
| 'Diamante' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|---------------------------------------|---|--|
|----------------|---------------------------------------|---|--|

‘Aromas’ Plant height 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 | ‘San Andreas’ | ‘Albion’ | ‘Diamante’ |
|---|----------------------|-----------------|-------------------|
| <input type="checkbox"/> *Plant: growth habit | upright | semi-upright | |
| <input type="checkbox"/> Plant: density of foliage | dense | | |
| <input checked="" type="checkbox"/> Plant: vigour | strong | medium | |
| <input type="checkbox"/> *Plant: position of inflorescence in relation to foliage | above | | |
| <input checked="" type="checkbox"/> *Plant: number of stolons | medium | | many |
| <input type="checkbox"/> Stolon: anthocyanin colouration | medium | | |
| <input type="checkbox"/> Stolon: density of pubescence | dense | | |
| <input type="checkbox"/> Leaf: size | medium | | |
| <input type="checkbox"/> Leaf: colour of upper side | medium green | | dark green |
| <input type="checkbox"/> *Leaf: blistering | absent or weak | | |
| <input type="checkbox"/> *Leaf: glossiness | strong | | medium |
| <input type="checkbox"/> Leaf: variegation | absent | | |
| <input type="checkbox"/> *Terminal leaflet:: length in relation to width | moderately longer | | |
| <input type="checkbox"/> *Terminal leaflet: shape of base | obtuse | | |
| <input type="checkbox"/> Terminal leaflet: margin | crenate | | |
| <input type="checkbox"/> Terminal leaflet: shape in cross section | straight | | |
| <input type="checkbox"/> Petiole: length | medium | | |
| <input type="checkbox"/> Petiole: attitude of hairs | slightly outwards | | |
| <input type="checkbox"/> Stipule: anthocyanin colouration | medium | | |
| <input checked="" type="checkbox"/> Inflorescence: number of flowers | medium | | many |
| <input type="checkbox"/> Pedicel: attitude of hairs | slightly outwards | | |
| <input type="checkbox"/> Flower: diameter | medium | | |
| <input type="checkbox"/> *Flower: arrangement of petals | overlapping | | |
| <input type="checkbox"/> *Flower: size of calyx in relation to corolla | same size | | |
| <input type="checkbox"/> *Flower: stamen | present | | |
| <input type="checkbox"/> Petal: length in relation to width | equal | | |
| <input type="checkbox"/> *Petal: colour of upper side | white | | |
| <input type="checkbox"/> *Fruit: length in relation to width | equal | | |

| | | | |
|-------------------------------------|---|------------------------------|------|
| <input type="checkbox"/> | *Fruit: size | large | |
| <input type="checkbox"/> | *Fruit: shape | conical | |
| <input type="checkbox"/> | Fruit: difference in shape of terminal and other fruits | none or very slight | |
| <input type="checkbox"/> | *Fruit: colour | medium red | |
| <input type="checkbox"/> | Fruit: evenness of colour | even or very slightly uneven | |
| <input type="checkbox"/> | Fruit: glossiness | strong | |
| <input type="checkbox"/> | Fruit: evenness of surface | even or very slightly uneven | |
| <input type="checkbox"/> | Fruit: width of band without achenes | absent or very narrow | |
| <input type="checkbox"/> | *Fruit: position of achenes | below surface | |
| <input type="checkbox"/> | Fruit: position of calyx attachment | raised | |
| <input type="checkbox"/> | Fruit: attitude of sepals | downwards | |
| <input type="checkbox"/> | Fruit: diameter of calyx in relation to diameter of fruit | slightly smaller | |
| <input type="checkbox"/> | Fruit: adherence of calyx | weak | |
| <input checked="" type="checkbox"/> | Fruit: firmness | soft | firm |
| <input type="checkbox"/> | Fruit: colour of flesh (excluding core) | light red | |
| <input type="checkbox"/> | Fruit: colour of core | light red | |
| <input type="checkbox"/> | Fruit: cavity | medium | |
| <input type="checkbox"/> | *Time of: beginning of flowering | early | |
| <input type="checkbox"/> | Time of: beginning of fruit ripening | early | |
| <input type="checkbox"/> | *Type of: bearing | day neutral | |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Brazil | 2008 | Applied | 'San Andreas' |
| Canada | 2008 | Granted | 'San Andreas' |
| Switzerland | 2008 | Applied | 'San Andreas' |
| Chile | 2008 | Applied | 'San Andreas' |
| Ecuador | 2008 | Applied | 'San Andreas' |
| New Zealand | 2008 | Applied | 'San Andreas' |
| EU | 2008 | Applied | 'San Andreas' |
| Turkey | 2009 | Applied | 'San Andreas' |
| USA | 2008 | Granted | 'San Andreas' |

First sold in USA in Feb 2008

Description: **Leslie Mitchell**, Shepparton, VIC.

Details of Application

| | |
|---------------------------|---|
| Application Number | 2011/029 |
| Variety Name | 'Rekohu-Sunrise' |
| Genus Species | <i>Carex trifida</i> |
| Common Name | Tataki |
| Synonym | Goldy Locks |
| Accepted Date | 28 Apr 2011 |
| Applicant | Lindsey Charles Hatch, Pukekohe, Auckland, NZ |
| Agent | Touch of Class Plants Pty Ltd, Tynong, VIC |
| Qualified Person | Mark Lunghusen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Tynong, VIC |
| Descriptor | Lomandra (<i>Lomandra</i>) PBR LOMA |
| Period | Autumn to Summer 2010 |
| Conditions | Plants were grown in 20cm pots in a covered polyhouse with no walls in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. |
| Trial Design | 10 plants in block design |
| Measurements | Taken from middle third of stem |
| RHS Chart - edition | 2007 |

Origin and Breeding

Open pollination followed by seedling selection: seed was sown and germinated of *Carex trifida*, non-variegated variety. 'Rekohu Sunrise' was chosen from the resultant seedlings on the basis of the variegated foliage. It was propagated by division and further grown out to determine uniformity and stability. Breeder Lindsey Hatch, Pukekohe, New Zealand.

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

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

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------------|-----------------|
| <i>Carex trifida</i> | parent 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 | 'Rekohu-Sunrise' | <i>Carex trifida</i> |
|--|-------------------------|-----------------------------|
| <input type="checkbox"/> Plant: growth habit | semi-upright | semi-upright |
| <input checked="" type="checkbox"/> Plant: density | dense | sparse |
| <input checked="" type="checkbox"/> Leaf: variegation | present | absent |
| <input type="checkbox"/> Leaf: colour (RHS colour chart) | green 137A | green 137C |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Rekohu-Sunrise' | <i>Carex trifida</i> |
|----------------------------------|-------------------------|-----------------------------|
|----------------------------------|-------------------------|-----------------------------|

| | | | |
|-------------------------------------|--|-----------------------|-----|
| <input checked="" type="checkbox"/> | Leaf: colour of variegation | white 1A | nil |
| <input checked="" type="checkbox"/> | Leaf: distribution of secondary colour | mainly in margin zone | nil |

Statistical Table**Organ/Plant Part: Context** **‘Rekohu-Sunrise’** *Carex trifida*

| | | | |
|-------------------------------------|-------------------|-------|--------|
| <input checked="" type="checkbox"/> | Leaf: length (cm) | | |
| | Mean | 76.80 | 110.10 |
| | Std. Deviation | 5.57 | 11.02 |
| | LSD/sig | 11.24 | P≤0.01 |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| New Zealand | 2008 | Granted | ‘Rekohu Sunrise’ |
| EU | 2007 | Granted | ‘Rekohu Sunrise’ |
| USA | 2008 | Granted | ‘Rekohu Sunrise’ |

First sold in New Zealand in Mar 2007.

Description: **Mark Lunghusen**, World Select, Cranbourne, VIC

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/145 |
| Variety Name | 'Shore Tuff' |
| Genus Species | <i>Leptospermum laevigatum</i> |
| Common Name | Tea Tree |
| Synonym | Nil |
| Accepted Date | 11 Dec 2009 |
| Applicant | Phillip Dowling, Mt Gambier West, SA |
| Agent | Plants Management Australia Pty. Ltd., Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Wonga Park, VIC |
| Descriptor | Tea Tree (<i>Leptospermum</i>) TG/211/1 |
| Period | Apr 2010 – Apr 2011 |
| Conditions | Trial conducted in the open, plants transferred from tubes to 140mm pots in Apr 2010. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Seedling selection: a batch of *Leptospermum laevigatum* seed was raised for a commercial crop in 2006 at the applicant's property, Benara Road, Moorpark, SA. As these seedlings were growing two plants were isolated as they exhibited varying distinctive plant habits from the rest of the crop. The plants were then grown on to maturity and were revaluated. These initial selections were also propagated via cuttings to establish a new generation to ensure stability. A final selection was made in Autumn 2007 for one of the selections on the basis of the following criteria: plant height very short to short and plant growth habit spreading. The variety has since been propagated and all subsequent generations have been uniform and stable.

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 | very short to short |
| Leaf blade | length | medium to long |
| Leaf blade | shape | obovate |
| Leaf blade | variegation | absent |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|-----------------|
| 'Fore Shore' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|---------------------------------------|---|--|
|----------------|---------------------------------------|---|--|

Leptospermum laevigatum Plant height very short to short very 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 | 'Shore Tuff' | 'Fore Shore' |
|---|---------------------|---------------------|
| <input checked="" type="checkbox"/> Plant: growth habit | spreading | bushy |
| <input type="checkbox"/> Plant: height | very short to short | very short to short |
| <input type="checkbox"/> Plant: attitude of branches | semi-erect | erect |
| <input type="checkbox"/> Plant: width | medium to broad | medium |
| <input type="checkbox"/> Young shoot: main colour | reddish green | medium green |
| <input type="checkbox"/> Young shoot: hairiness | absent or weak | absent or weak |
| <input checked="" type="checkbox"/> *Young leaf: main colour | red | medium green |
| <input type="checkbox"/> Leaf blade: attitude in relation to stem | oblique | oblique |
| <input type="checkbox"/> *Leaf blade: length | medium to long | medium |
| <input type="checkbox"/> *Leaf blade: width | medium | medium |
| <input type="checkbox"/> Leaf blade: shape | obovate | obovate |
| <input type="checkbox"/> Leaf blade: profile in cross section | flat | flat |
| <input type="checkbox"/> Leaf blade: shape of apex | acute | acute |
| <input type="checkbox"/> *Leaf blade: variegation | absent | absent |
| <input type="checkbox"/> Leaf blade: main colour of upper side | dark green | medium green |
| <input type="checkbox"/> Leaf blade: glossiness of upper side | very weak to weak | very weak to weak |
| <input type="checkbox"/> Leaf blade: hairiness on lower side | absent or weak | absent or weak |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Shore Tuff' | 'Fore Shore' |
|---|----------------------|----------------------|
| <input checked="" type="checkbox"/> Plant: density | medium | very dense |
| <input type="checkbox"/> Leaf blade: main colour of upper side (RHS colour chart) | yellow-green 147A | yellow-green 147B |

Prior Applications and Sales

Prior Application nil.

First sold in Australia in July in 2008.

Description: **Steve Eggleton**, 3 Harris Rd, Wonga Park, VIC.

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/327 |
| Variety Name | 'Fore Shore' |
| Genus Species | <i>Leptospermum laevigatum</i> |
| Common Name | Tea Tree |
| Synonym | Nil |
| Accepted Date | 29 Apr 2010 |
| Applicant | Phillip Dowling, Mt Gambier West, SA |
| Agent | Plants Management Australia Pty. Ltd., Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Wonga Park, VIC |
| Descriptor | Tea Tree (<i>Leptospermum</i>) |
| Period | Apr 2010 – Apr 2011 |
| Conditions | Trial conducted in the open, plants transferred from tubes to 140mm pots in Apr 2010. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Seedling selection: a batch of *Leptospermum laevigatum* seed was raised for a commercial crop in 2006 at the applicant's property, Benara Road, Moorpark, SA. As these seedlings were growing two plants were isolated as they exhibited varying distinctive plant habits from the rest of the crop. The plants were then grown on to maturity and were revaluated. These initial selections were also propagated via cuttings to establish a new generation to ensure stability. A final selection was made in Autumn 2007 for one of the selections on the basis of the following criteria: plant height very short to short, plant density very dense and plant attitude of branches erect. The variety has since been propagated and all subsequent generations have been uniform and stable.

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 | very short to short |
| Leaf blade | length | medium |
| Leaf blade | shape | obovate |
| Leaf blade | variegation | absent |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|-----------------|
| 'Shore Tuff' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|---------------------------------------|---|--|
|----------------|---------------------------------------|---|--|

| | | | | |
|--------------------------------|------------|-------------|---------------------|-----------|
| 'Beach Baby' | Leaf blade | length | medium | short |
| 'Flamingo' | Leaf blade | variegation | absent | present |
| <i>Leptospermum laevigatum</i> | Plant | height | very short to short | very 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 | 'Fore Shore' | 'Shore Tuff' |
|---|---------------------|---------------------|
| <input checked="" type="checkbox"/> Plant: growth habit | bushy | spreading |
| <input type="checkbox"/> Plant: height | very short to short | very short |
| <input type="checkbox"/> Plant: attitude of branches | erect | semi-erect |
| <input type="checkbox"/> Plant: width | medium | medium to broad |
| <input type="checkbox"/> Young shoot: main colour | medium green | reddish green |
| <input type="checkbox"/> Young shoot: hairiness | absent or weak | absent or weak |
| <input checked="" type="checkbox"/> *Young leaf: main colour | medium green | red |
| <input type="checkbox"/> Leaf blade: attitude in relation to stem | oblique | oblique |
| <input type="checkbox"/> *Leaf blade: length | medium | medium to long |
| <input type="checkbox"/> *Leaf blade: width | medium | medium |
| <input type="checkbox"/> Leaf blade: shape | obovate | obovate |
| <input type="checkbox"/> Leaf blade: profile in cross section | flat | flat |
| <input type="checkbox"/> Leaf blade: shape of apex | acute | acute |
| <input type="checkbox"/> *Leaf blade: variegation | absent | absent |
| <input type="checkbox"/> Leaf blade: main colour of upper side | medium green | dark green |
| <input type="checkbox"/> Leaf blade: glossiness of upper side | very weak to weak | very weak to weak |
| <input type="checkbox"/> Leaf blade: hairiness on lower side | absent or weak | absent or weak |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Fore Shore' | 'Shore Tuff' |
|---|----------------------|----------------------|
| <input checked="" type="checkbox"/> Plant: density | very dense | medium |
| <input type="checkbox"/> Leaf blade: main colour of upper side (RHS colour chart) | yellow-green 147B | yellow-green 147A |

Prior Applications and Sales

Prior Application nil.

First sold in Australia in April 2009.

Description: **Steve Eggleton**, Wonga Park, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2010/140 |
| Variety Name | 'Groovy Baby' |
| Genus Species | <i>Tibouchina organensis</i> x <i>T. mutabilis</i> |
| Common Name | Tibouchina |
| Synonym | Nil |
| Accepted Date | 06 Sep 2010 |
| Applicant | Terence Charles Keogh, QLD |
| Agent | Plants Management Australia Pty. Ltd., Dodges Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Wonga Park, VIC. |
| Descriptor | General Descriptor (for plant varieties with no descriptor available) PBR GEN DES |
| Period | Oct 2010 – Apr 2011 |
| Conditions | Trial conducted in the open, plants transferred from tubes to 140mm pots in Oct 2010. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Controlled pollination: In 2002, emasculated flowers of *Tibouchina organensis*, female parent, were pollinated by *Tibouchina mutabilis* 'Jazzie', pollen parent as part of an ongoing breeding program to produce new improved forms of *Tibouchina*. From this cross seeds were collected and germinated. One seedling was selected due to its plant habit and density. This plant was then propagated via cuttings and grown to maturity both as a container specimen and also in field conditions. Plants were also assessed for their degree of cold tolerance. Final selection was in 2005 with the following criteria: Plant height very short to short, plant density dense to very dense and plant cold tolerance strong. Propagation: will continue to be cuttings. Five generations have proved to be uniform and stable.

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 | cold tolerance | medium to strong |
| Leaf | shape | elliptic |
| Leaf | undulation of the margin | very weak |
| Leaf | presence of variegation | absent |
| Flower | diameter | medium |
| Petal | number of colours | one |
| Petal | predominant colour | violet |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
|-------------|-----------------|

'Jazzie'

Paternal 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 | |
|------------------------------|--------------------------------|--|---|-----------|------------------|
| 'Jules' | Plant | cold tolerance | strong | very weak | |
| <i>Tibouchina organensis</i> | Plant | height at maturity | <2.5m | >2.5m | Parental 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 | 'Groovy Baby' | 'Jazzie' |
|--|---------------------|-------------------|
| <input checked="" type="checkbox"/> Plant: height | very short to short | medium |
| <input type="checkbox"/> Stem: degree of hairiness | medium | medium |
| <input checked="" type="checkbox"/> Young shoot: anthocyanin colouration | medium to strong | weak |
| <input type="checkbox"/> Leaf: size | small to medium | medium |
| <input type="checkbox"/> Leaf: shape | elliptic | elliptic |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute |
| <input type="checkbox"/> Leaf: shape of base | cuneate | cuneate |
| <input type="checkbox"/> Leaf: undulation of the margin | very weak | very weak |
| <input type="checkbox"/> Leaf: shape of cross-section | flat | flat |
| <input type="checkbox"/> Leaf: curvature of longitudinal axis | straight | straight |
| <input type="checkbox"/> Leaf: glossiness of upper side | medium | weak to medium |
| <input type="checkbox"/> Leaf: green colour | medium to dark | medium |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent |
| <input type="checkbox"/> Leaf: primary colour (RHS colour chart) | yellow-green 147A | yellow-green 146A |
| <input type="checkbox"/> Flower: type | single | single |
| <input type="checkbox"/> Flower: attitude | horizontal | horizontal |
| <input type="checkbox"/> Flower: diameter | medium | medium |
| <input checked="" type="checkbox"/> Flower: sepal overlapping | present | absent |
| <input checked="" type="checkbox"/> Petal: reflexing of margin | weak to medium | strong |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Groovy Baby' | 'Jazzie' |
|---|--------------------|------------------|
| <input type="checkbox"/> Petal: undulation of margin | weak | weak to medium |
| <input type="checkbox"/> Plant: growth habit | bushy to spreading | upright to bushy |
| <input checked="" type="checkbox"/> Leaf: prominence of longitudinal venation | strong | medium |
| <input checked="" type="checkbox"/> Leaf: prominence of lateral venation | medium to strong | weak |

| | | | |
|-------------------------------------|---|---------------------|--------------------|
| <input type="checkbox"/> | Flower : degree of petal overlapping | weak to very weak | |
| <input checked="" type="checkbox"/> | Stamen: predominant colour of filaments before pollen dehiscence | purple | cream |
| <input type="checkbox"/> | Calyx: colour (RHS colour chart) | greyed-purple 183B | greyed-purple 185A |
| <input type="checkbox"/> | Calyx: degree of hairiness | medium | medium |
| <input type="checkbox"/> | petal: number of colours | one | one |
| <input type="checkbox"/> | Petal: predominant colour of upper side when first expanded (RHS colour chart) | violet 86A | violet 83A |
| <input type="checkbox"/> | Petal : predominant colour of upper side after pollen dehiscence (RHS colour chart) | purple-violet 81A | purple-violet 80A |
| <input checked="" type="checkbox"/> | Plant: density | dense to very dense | sparse to medium |
| <input type="checkbox"/> | Plant: cold tolerance | strong | medium to strong |
| <input type="checkbox"/> | Stem: presence of hairs | present | present |

Prior Applications and Sales

Prior Application nil.

First sold in Australia in Sep 2009.

Description: **Steve Eggleton**, Wonga Park, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/025 |
| Variety Name | 'Berkshire' |
| Genus Species | <i>xTriticosecale</i> |
| Common Name | Triticale |
| Synonym | Nil |
| Accepted Date | 17 Mar 2009 |
| Applicant | Pork CRC Ltd, University of Adelaide Roseworthy Campus, SA |
| Agent | N/A |
| Qualified Person | Jeremy Roake |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Plant Breeding Institute, Cobbitty, NSW |
| Descriptor | Triticale (<i>xTriticosecale</i>) TG/121/3 |
| Period | 15 May 2009 – 15 Dec 2009 |
| Conditions | Each treatment was hand sown into 5 rows at 30 cm between rows, with a plot length of 5m. Plants were irrigated during the season, and sprayed with bromoxynil and glan to control weeds. |
| Trial Design | Randomised complete block design. |
| Measurements | Measurements were taken from 10 plants at random from each replicate. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The line TSO2M F7 HR 381624 (Pedigree: Yogui_1/ Tapir// 2*Fara_1/3/ Erizo_11/ Yogui_3/5/ Asad*2/ Jun// Anoa_5/3/ Sonni_6/4/ Asad/ Elk54// Erizo_10) was selected by the breeder, Jeremy Roake, at CIMMYT's breeding station at Ciudad Obregon in Mexico. The parents are heterogenous for stem rust resistance whereas the candidate variety is resistant to stem rust. Two head selections were taken, and grown near Mexico City in a quarantine nursery. The seed from this generation was grown in quarantine at PBI, Cobbitty in 2003/04. In 2004, the line was grown at Cobbitty, and selected for stem, leaf, and stripe rust resistance. The population was segregating for stem rust, and the resistant selections were taken from the population. The line was then yield tested at Cowra in 2005, where it exhibited superior yield. The line was also selected for its high metabolisable energy for pigs, based on NIR tests. Further yield tests in 2006 and 2007 showed the line to have 8-10% better yield than the standard variety, 'Tahara'.

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 |
|-------------------------|----------------------|--|
| Ploidy | | hexaploid |
| Seasonal | type | spring |
| Ear | distribution of awns | fully awned |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Jaywick' | |
| 'Canobolas' | |
| 'Bogong' | |
| 'Tahara' | |
| 'Hawkeye' | |

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 | ‘Berkshire’ | ‘Bogong’ | ‘Canobolas’ | ‘Hawkeye’ | ‘Jaywick’ | ‘Tahara’ |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="checkbox"/> *Ploidy: | hexaploid | hexaploid | hexaploid | hexaploid | hexaploid | hexaploid |
| <input type="checkbox"/> *Plant: growth habit | erect | erect | erect | intermediate | erect | semi-erect |
| <input type="checkbox"/> Plant: frequency of plants with recurved flag leaves | absent or very low | very low to low | very low to low | high to very high | absent or very low | absent or very low |
| <input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles | absent or very weak | absent or very weak | absent or very weak | absent or very weak | absent or very weak | medium |
| <input checked="" type="checkbox"/> *Time of: ear emergence | medium | late | late | medium | medium | early to medium |
| <input type="checkbox"/> *Flag leaf: glaucosity of sheath | weak to medium | weak to medium | weak to medium | weak to medium | weak to medium | medium |
| <input type="checkbox"/> Awn: anthocyanin colouration | absent or very weak | strong | absent or very weak | absent or very weak | absent or very weak | weak |
| <input checked="" type="checkbox"/> *Stem: density of hairiness of neck | strong | strong | strong | medium | strong | strong |
| <input checked="" type="checkbox"/> *Plant: length | medium | medium to long | medium | long | short to medium | medium to long |
| <input type="checkbox"/> *Ear: distribution of awns | fully awned | fully awned | fully awned | fully awned | fully awned | fully awned |
| <input type="checkbox"/> *Awns above the tip of ear: length | short to medium | medium | medium | short to medium | short to medium | short to medium |
| <input checked="" type="checkbox"/> *Lower glume: length of first beak | long | short | medium | short to medium | medium | medium |
| <input type="checkbox"/> Lower glume: size of second beak | absent or very small | absent or very small | absent or very small | absent or very small | absent or very small | absent or very small |
| <input checked="" type="checkbox"/> *Lower glume: hairiness on external surface | absent | absent | absent | present | present | absent |
| <input type="checkbox"/> Ear: density | medium | medium | medium | medium to dense | medium | medium |
| <input type="checkbox"/> Ear: width in profile view | medium | narrow to medium | medium | medium to broad | medium | medium |

| | | | | | | |
|--|-------------|-------------|-------------|-------------------|-------------------|-------------|
| <input type="checkbox"/> *Grain: colouration with phenol | dark | dark | dark | dark to very dark | dark to very dark | dark |
| <input type="checkbox"/> *Seasonal type: | spring type | spring type | spring type | spring type | spring types | spring type |

Statistical Table

| Organ/Plant Part: Context | 'Berkshire' | 'Bogong' | 'Canobolas' | 'Hawkeye' | 'Jaywick' | 'Tahara' |
|--|--------------------|-----------------|--------------------|------------------|------------------|-----------------|
| <input checked="" type="checkbox"/> Flag leaf: length (cm) | | | | | | |
| Mean | 14.27 | 13.93 | 18.05 | 18.30 | 17.10 | 22.27 |
| Std. Deviation | 2.59 | 3.73 | 2.74 | 2.61 | 2.60 | 2.88 |
| LSD/sig | 2.66 | ns | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Flag leaf: width (cm) | | | | | | |
| Mean | 1.43 | 1.55 | 1.26 | 1.37 | 1.29 | 1.52 |
| Std. Deviation | 0.12 | 0.14 | 0.10 | 0.14 | 0.36 | 0.12 |
| LSD/sig | 0.124 | P≤0.01 | P≤0.01 | ns | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Ear: length (cm) | | | | | | |
| Mean | 10.39 | 13.40 | 9.90 | 11.60 | 11.26 | 12.44 |
| Std. Deviation | 0.81 | 0.87 | 0.96 | 0.86 | 0.88 | 0.93 |
| LSD/sig | 0.83 | P≤0.01 | ns | P≤0.01 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Plant: length (cm) | | | | | | |
| Mean | 101.70 | 107.60 | 101.30 | 98.60 | 94.50 | 99.30 |
| Std. Deviation | 5.20 | 4.49 | 6.50 | 4.49 | 4.90 | 4.39 |
| LSD/sig | 5.4 | P≤0.01 | ns | ns | P≤0.01 | ns |

Prior Applications and Sales

Nil.

Description: **Jeremy Roake**, The University of Sydney, Plant Breeding Institute, Cobbitty, NSW.

Details of Application

| | |
|---------------------------|---|
| Application Number | 2004/253 |
| Variety Name | 'VAW51' |
| Genus Species | <i>Triticum aestivum</i> |
| Common Name | Wheat |
| Synonym | Nil |
| Accepted Date | 23 Dec 2004 |
| Applicant | George Weston Foods Limited, Enfield, NSW |
| Agent | N/A |
| Qualified Person | Jeremy Roake |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Plant Breeding Institute, Cobbitty, NSW |
| Descriptor | Wheat (<i>Triticum aestivum</i>) TG/3/11 |
| Period | 11 Jun 2008 – 15 Dec 2008 |
| Conditions | Each treatment was hand-sown into 5 rows at 30cm spacing between rows, at a plot length of 5m. Granulock 15 fertiliser was added before sowing, and Glean herbicide was sprayed after sowing to control weeds. Bromoxynil herbicide was applied to control broadleaf weeds according to label instructions. |
| Trial Design | Each treatment was hand-sown. |
| Measurements | Measurements were taken on 10 plants at random from each plot. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The parent 'Janz' is a well-known and widely-grown wheat cultivar released by the Queensland DPI. The parent DHWx12 is a doubled haploid line of wheat with the waxy (zero-amylose) starch characteristic, whose breeding from the parents 'Tammin' (Western Australian cultivar), 'Fujimikomugi' (Japanese cultivar) and 'Bai Hou Mai' (Chinese landrace) is described in X. C. Zhao and P. J. Sharp (1998). Production of all eight genotypes of null alleles at waxy loci in bread wheat, *Triticum aestivum* L. Plant Breeding 117, 488-490. 'Janz' and DHWx12 were crossed in 1997 and the F1 generation grown in the glasshouse at the Plant Breeding Institute (PBI), Cobbitty. The resulting F2 seed were cut to reveal endosperm surfaces, and stained with I2/KI stain to identify waxy offspring (tan versus dark blue-black staining). These waxy F2 seed were grown in the glasshouse at PBI in 1998, and the plants selected to resemble 'Janz' in plant morphology and maturity. Subsequent selfed generations were grown at PBI Cobbitty, PBI Narrabri and Numurka (VIC) from 1999 to 2000 with selection for the waxy starch characteristic, plant type and maturity, resistance to stem, leaf and stripe rust diseases, and yield potential. At the F7 stage, the material was in its current form, and was entered in replicated trials during 2001 as VAW 51 (at Narrabri and Forbes), 2002 (at Narrabri, Wagga Wagga, and Trangie), and 2003 (at Narrabri, Breeza, Wagga Wagga, Trangie, and Condobolin) that provided yield, disease reaction, grain and flour quality data that enabled final selection to be made. Grain and flour quality data was obtained in the laboratories of the NSW Agriculture, Wagga Wagga Agricultural Research Institute, and George Weston Foods. Mode of propagation was by seed. The variety has been maintained in its current form since 2000, being increased for five generations from 2001, 2002, 2002/03, 2003, and 2003/2004.

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 |
|------------------|---------|---|
| Ear | awns | present |
| Ear | colour | white |
| Seasonal Type | | spring |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------|----------|
| 'Janz' | |

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 | 'VAW51' | 'Janz' |
|---|------------------------------|------------------------------|
| <input type="checkbox"/> Coleoptile: anthocyanin colouration | weak to medium | weak to medium |
| <input type="checkbox"/> *Plant: growth habit | semi-erect | semi-erect |
| <input type="checkbox"/> *Time of: ear emergence | early to medium | early to medium |
| <input type="checkbox"/> *Flag leaf: glaucosity of sheath | medium | medium |
| <input type="checkbox"/> *Ear: glaucosity | medium | medium |
| <input type="checkbox"/> *Plant: length | short | short |
| <input type="checkbox"/> *Straw: pith in cross section | medium | medium |
| <input type="checkbox"/> *Ear: shape in profile | parallel sided | parallel sided |
| <input type="checkbox"/> *Ear: density | medium | medium |
| <input type="checkbox"/> *Awns or scurs: presence | awns present | awns present |
| <input type="checkbox"/> *Awns or scurs at tip of ear: length | medium-long | medium-long |
| <input type="checkbox"/> *Ear: colour | white | white |
| <input type="checkbox"/> Lower glume: shoulder width | narrow to medium | narrow to medium |
| <input type="checkbox"/> Lower glume: shoulder shape | slightly sloping to straight | slightly sloping to straight |
| <input type="checkbox"/> Lower glume: beak length | short to medium | short to medium |
| <input type="checkbox"/> Lower glume: beak shape | straight | straight to slightly curved |
| <input type="checkbox"/> Lower glume: extent of internal hair | medium to strong | medium |
| <input type="checkbox"/> Lowest lemma: beak shape | straight | straight |
| <input type="checkbox"/> *Grain: colour | white | white |
| <input type="checkbox"/> *Seasonal type: | spring type | spring type |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'VAW51' | 'Janz' |
|---|---------|---------|
| <input checked="" type="checkbox"/> Seed: amylose | absent | present |

Statistical Table

| Organ/Plant Part: Context | ‘VAW51’ | ‘Janz’ |
|---|----------------|---------------|
| <input type="checkbox"/> Ear: length (mm) | | |
| Mean | 80.60 | 81.50 |
| Std. Deviation | 7.90 | 12.50 |
| LSD/sig | 16.8 | ns |
| <input type="checkbox"/> Plant: length (mm) | | |
| Mean | 549.00 | 469.80 |
| Std. Deviation | 48.00 | 53.00 |
| LSD/sig | 86.9 | ns |

Prior Applications and Sales

Nil.

Description: **Jeremy Roake**, The University of Sydney, Plant Breeding Institute, Cobbitty, NSW.

Details of Application

| | |
|---------------------------|------------------------------------|
| Application Number | 2009/039 |
| Variety Name | 'HAL01' |
| Genus Species | <i>Hakea salicifolia</i> |
| Common Name | Willow Leaved Hakea |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Vic John Ciccolella, Oakville, NSW |
| Agent | Ozbreed Pty Ltd, Clarendon, NSW |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Clarendon, NSW |
| Descriptor | Grevillea (<i>Grevillea</i>) |
| Period | Aug 2010 to Jan 2011 |
| Conditions | Trial conducted in open beds, plants propagated from cuttings, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | From ten plants at random. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Open pollination: followed by seedling selection: *H. salicifolia*. The seed parent is characterised by a medium-tall plant height and medium stem internode length and non-variegated foliage. Selection took place in Oakville, NSW in 2005. Selection criteria: compact plant habit. Propagation: vegetative, cuttings are found to be uniform and stable. Breeder: Vic John Ciccolella, Oakville, NSW. All work was carried out at Oakville, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------------|--|
| Plant | growth habit | upright |
| Plant | attitude of branches | erect to semi-erect |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------------------------------|--|
| <i>H. salicifolia</i> common form | Un-named species form as grown in nursery trade. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|----------------|---------------------------------------|---|--|-----------------|
| Gold medal | leaf variegation | 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 | 'HAL01' | <i>H. salicifolia</i> common form |
|--|----------------------------|--|
| <input type="checkbox"/> Plant: growth habit | upright | upright |
| <input type="checkbox"/> Plant: attitude of branches | erect to semi-erect | erect to semi-erect |
| <input type="checkbox"/> Plant: height | medium (1-3m) | tall (> 3m) |
| <input type="checkbox"/> Plant: density (assessment of foliage at flowering) | medium | medium |
| <input type="checkbox"/> Young stem: colour | greyed orange | greyed orange |
| <input type="checkbox"/> Petiole: length | very short | very short to short |
| <input type="checkbox"/> Leaf: attitude to stem | semi-erect to horizontal | semi-erect to horizontal |
| <input type="checkbox"/> Leaf: colour of upper side (including hairs) | medium green | medium green |
| <input type="checkbox"/> Leaf: undulation of margin | very weak to weak | very weak to weak |
| <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) | elliptical | elliptical |
| <input type="checkbox"/> Leaf: shape of apex outline (varieties with division of blade absent only) | acute | acute |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'HAL01' | <i>H. salicifolia</i> common form |
|--|----------------|--|
| <input checked="" type="checkbox"/> Leaf: colour of upper side (RHS) | ca 147A | ca 146B |
| <input type="checkbox"/> Leaf: colour of lower side (RHS) | 146B | ca 146B |
| <input checked="" type="checkbox"/> Leaf: presence of twisting | absent | present |
| <input type="checkbox"/> Leaf: shape of base | cuneate | cuneate |

Statistical Table

| Organ/Plant Part: Context | 'HAL01' | <i>H. salicifolia</i> common form |
|--|----------------|--|
| <input type="checkbox"/> Plant: height (cm) | | |
| Mean | 73.60 | 89.60 |
| Std. Deviation | 16.20 | 9.20 |
| LSD/sig | 19.6 | ns |
| <input checked="" type="checkbox"/> Stem: length of internode (mm) | | |
| Mean | 9.40 | 15.10 |
| Std. Deviation | 2.90 | 2.80 |
| LSD/sig | 4.18 | P≤0.01 |
| <input type="checkbox"/> Leaf: length (mm) | | |

| | | |
|--|-------|--------|
| Mean | 81.70 | 92.00 |
| Std. Deviation | 4.70 | 10.20 |
| LSD/sig | 11.30 | ns |
| <input checked="" type="checkbox"/> Leaf: width (mm) | | |
| Mean | 13.00 | 19.30 |
| Std. Deviation | 1.60 | 1.40 |
| LSD/sig | 2.18 | P≤0.01 |

Prior Applications and Sales

Nil.

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

GRANTS

Acer rubrum

SWAMP MAPLE

‘FAIRVIEW FLAME’^ϕ

Application No: 1996/212

Applicant: **A McGill & Son, USA**

Certificate No: 4270 Expiry Date: 13 June, 2036.

Agent: **Fleming's Nurseries Pty Ltd, MONBULK, VIC.**

Actinotus helianthi

FLANNEL FLOWER

‘White Romance’^ϕ

Application No: 2007/301

Applicant: **Louise (AKA Lana) Helena Mitchell, Gundaroo, NSW.**

Certificate No: 4238 Expiry Date: 29 April, 2031.

Cicer arietinum

CHICKPEA

‘PBA Pistol’^ϕ

Application No: 2009/301

Applicant: **Department of Industry and Investment for and on behalf of the State of New South Wales, Orange, NSW, Grains Research and Development Corporation, Barton, ACT and Queensland Primary Industries and Fisheries through the Department of Employment, Economic Development and Innovation (DEE), Brisbane, QLD.**

Certificate No: 4261 Expiry Date: 8 June, 2031.

Cleome spinosa

SPIDER FLOWER

‘INNCLEOSR’^ϕ

Application No: 2009/126

Applicant: **InnovaPlant GmbH & Co. KG**

Certificate No: 4268 Expiry Date: 9 June, 2031.

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

Correa sp.

CORREA

‘Canberra Bells’^ϕ syn C100^ϕ

Application No: 2009/174

Applicant: **Peter James Ollerenshaw**, Bywong, NSW.

Certificate No: 4251 Expiry Date: 23 May, 2031.

‘Catie Bec’^ϕ

Application No: 2009/176

Applicant: **Peter James Ollerenshaw**, Bywong, NSW.

Certificate No: 4249 Expiry Date: 23 May, 2031.

‘Isabell’^ϕ

Application No: 2009/177

Applicant: **Peter James Ollerenshaw**, Bywong, NSW.

Certificate No: 4250 Expiry Date: 23 May, 2031.

‘Jezabell’^ϕ

Application No: 2009/175

Applicant: **Peter James Ollerenshaw**, Bywong, NSW.

Certificate No: 4248 Expiry Date: 23 May, 2031.

Hibiscus syriacus

HIBISCUS

‘Notwoodone’^ϕ syn Lavender Chiffon^ϕ

Application No: 2000/216

Applicant: **Notcutts Ltd**, UK.

Certificate No: 4272 Expiry Date: 14 June, 2031.

Agent: **Fleming's Nurseries Pty Ltd**, MONBULK, VIC.

Hibiscus syriacus

HIBISCUS

‘Notwoodtwo’^ϕ syn White Chiffon^ϕ

Application No: 2000/217

Applicant: **Notcutts Ltd**, UK.

Certificate No: 4273 Expiry Date: 14 June, 2031.

Agent: **Fleming's Nurseries Pty Ltd**, MONBULK, VIC.

Hordeum vulgare

BARLEY

‘Macquarie’^ϕ

Application No: 2008/322

Applicant: **University of Tasmania**, Hobart, TAS and **Grains Research and Development Corporation**, Barton, ACT.

Certificate No: 4262 Expiry Date: 8 June, 2031.

‘Macumba’^ϕ

Application No: 2009/057

Applicant: **Adelaide Research & Innovation Pty Ltd**, Adelaide, SA and **Grains Research and Development Corporation**, Barton, ACT.

Certificate No: 4239 Expiry Date: 29 April, 2031.

‘Scope’^ϕ syn Scope CL^ϕ

Application No: 2009/262

Applicant: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC.

Certificate No: 4267 Expiry Date: 8 June, 2031.

Hordeum vulgare

BARLEY

‘WESTMINSTER’^ϕ

Application No: 2009/001

Applicant: **Nickerson International Research SNC**, New Zealand.

Certificate No: 4277 Expiry Date: 20 June, 2031.

Agent: **Grainsearch Pty Ltd**, Bakery Hill, VIC.

Liquidambar styraciflua

SWEET GUM

‘Oakville Highlight’^ϕ

Application No: 2003/093

Applicant: **Vic John Ciccolella**

Certificate No: 4269 Expiry Date: 13 June, 2036.

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

Lolium hybridum

RYEGRASS

‘BQT II’^Φ

Application No: 2007/041

Applicant: **PGG Wrightson Seeds Ltd.** New Zealand.

Certificate No: 4275 Expiry Date: 20 June, 2031.

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

Lolium multiflorum var. *westerwoldicum*

ANNUAL RYEGRASS

‘Arnie’^Φ

Application No: 2009/067

Applicant: **Barenbrug Holland B.V.** The Netherlands.

Certificate No: 4264 Expiry Date: 8 June, 2031.

Agent: **Heritage Seeds Pty Ltd**, HOWLONG, NSW.

Lolium perenne

PERENNIAL RYEGRASS

‘One50’^Φ

Application No: 2007/050

Applicant: **PGG Wrightson Seeds Ltd**, The New Zealand.

Certificate No: 4276 Expiry Date: 20 June, 2031.

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

Magnolia grandiflora

SOUTHERN MAGNOLIA

‘MGTIG’^Φ

Application No: 1999/236

Applicant: **Athena Trees, Inc.**, USA.

Certificate No: 4271 Expiry Date: 13 June, 2036.

Agent: **Fleming's Nurseries Pty Ltd**, MONBULK., VIC.

Malus domestica

APPLE

‘Scilate’^Φ

Application No: 2007/061

Applicant: **The New Zealand Institute for Plant and Food Research Limited**, New Zealand.
Certificate No: 4266 Expiry Date: 7 June, 2036.
Agent: **AJ Park**, Canberra, ACT.

Megathyrsus maximus

GUINEA GRASS, G2

‘G-2’^ϕ

Application No: 2009/009
Applicant: **GeneGro Pty Ltd**, Alexandra Hills, QLD.
Certificate No: 4246 Expiry Date: 17 May, 2031.

Pisum sativum

FIELD PEA

‘Maki’^ϕ

Application No: 2010/035
Applicant: **Plant Research (NZ) Ltd**, New Zealand.
Certificate No: 4260 Expiry Date: 2 June, 2031.
Agent: **The University of Sydney**, Narrabri., NSW.

Pisum sativum

FIELD PEA

‘Sweet Delight’^ϕ **syn Green Devil**^ϕ

Application No: 2009/002
Applicant: **Holland-Select Research B.V.**, The Netherlands.
Certificate No: 4278 Expiry Date: 20 June, 2031.
Agent: **Sunland Seeds Pty. Ltd.**, Coopernook, NSW.

Rosa hybrid

ROSE

‘AUSDECORUM’^ϕ

Application No: 2008/097
Applicant: **David Austin Roses Ltd**, UK.
Certificate No: 4254 Expiry Date: 25 May, 2031.
Agent: **Siebler Publishing Services**, HARTWELL., VIC.

‘Ausdisco’^ϕ

Application No: 2006/060

Applicant: **David Austin Roses Ltd**, UK.
Certificate No: 4265 Expiry Date: 8 June, 2031.
Agent: **Siebler Publishing Services**, HARTWELL, VIC.

‘AUSHOMER’^ϕ

Application No: 2007/099
Applicant: **David Austin Roses Ltd**, UK.
Certificate No: 4255 Expiry Date: 25 May, 2031.
Agent: **Siebler Publishing Services**, HARTWELL, VIC.

‘AUSRELATE’^ϕ

Application No: 2009/033
Applicant: **David Austin Roses Ltd**, UK.
Certificate No: 4259 Expiry Date: 25 May, 2031.
Agent: **Siebler Publishing Services**, HARTWELL, VIC.

‘AUSRIMINI’^ϕ

Application No: 2009/035
Applicant: **David Austin Roses Ltd**, UK.
Certificate No: 4257 Expiry Date: 25 May, 2031.
Agent: **Siebler Publishing Services**, HARTWELL, VIC.

‘AUSROVER’^ϕ

Application No: 2008/098
Applicant: **David Austin Roses Ltd**, UK.
Certificate No: 4253 Expiry Date: 25 May, 2031.
Agent: **Siebler Publishing Services**, HARTWELL, VIC.

‘AUSTANGO’^ϕ

Application No: 2007/098
Applicant: **David Austin Roses Ltd**, UK.
Certificate No: 4256 Expiry Date: 25 May, 2031.
Agent: **Siebler Publishing Services**, HARTWELL, VIC.

‘AUSVOLUME’^ϕ

Application No: 2009/034
Applicant: **David Austin Roses Ltd**, UK.
Certificate No: 4258 Expiry Date: 25 May, 2031.
Agent: **Siebler Publishing Services**, HARTWELL, VIC.

‘KORABURG’^ϕ

Application No: 2009/031
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**, Germany.
Certificate No: 4242 Expiry Date: 17 May, 2031.

Agent: **Treloar Roses Pty Ltd**, PORTLAND, VIC.

‘Korfirgo’^ϕ

Application No: 2006/099

Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**, Germany.

Certificate No: 4244 Expiry Date: 17 May, 2031.

Agent: **Treloar Roses Pty Ltd**, PORTLAND, VIC.

‘KORGRETAUM’^ϕ

Application No: 2009/030

Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**, Germany.

Certificate No: 4241 Expiry Date: 17 May, 2031.

Agent: **Treloar Roses Pty Ltd**, PORTLAND,, VIC.

‘Korhocsel’^ϕ

Application No: 2005/096

Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**, Germany.

Certificate No: 4245 Expiry Date: 17 May, 2031.

Agent: **Treloar Roses Pty Ltd**, PORTLAND, VIC.

‘Kormistiana’^ϕ

Application No: 2006/102

Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**, Germany.

Certificate No: 4247 Expiry Date: 17 May, 2031.

Agent: **Treloar Roses Pty Ltd**, PORTLAND, VIC.

‘KORTUFEE’^ϕ

Application No: 2009/032

Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**, Germany.

Certificate No: 4243 Expiry Date: 17 May, 2031.

Agent: **Treloar Roses Pty Ltd**, PORTLAND, VIC.

Salvia hybrid

SAGE

‘Wendy's Wish’^ϕ

Application No: 2009/013

Applicant: **Wendy Smith**, Dodges Ferry, TAS.

Certificate No: 4252 Expiry Date: 23 May, 2031.

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

Solanum tuberosum

POTATO

‘BUY 1’^ϕ

Application No: 2009/215
 Applicant: **Landbrugets Kartoffelfond**, Germany.
 Certificate No: 4233 Expiry Date: 19 April, 2031.
 Agent: **Agtec Agriculture Pty Ltd**, Hillston, NSW.

‘EUROPRIMA’^ϕ

Application No: 2008/365
 Applicant: **EUROPLANT Pflanzenzucht GmbH**, Germany.
 Certificate No: 4229 Expiry Date: 19 April, 2031.
 Agent: **Agtec Agriculture Pty Ltd**, Hillston, NSW.

‘Horizon’^ϕ

Application No: 2007/292
 Applicant: **Higgins Agriculture**, UK.
 Certificate No: 4226 Expiry Date: 19 April, 2031.
 Agent: **Western Potatoes Limited**, West Perth, WA.

‘Margit’^ϕ

Application No: 2009/264
 Applicant: **Solana Agrar-Produkte GMBH & Co KG**, Germany.
 Certificate No: 4237 Expiry Date: 19 April, 2031.
 Agent: **Western Potatoes Ltd**, West Perth, WA.

‘Mette’^ϕ

Application No: 2009/218
 Applicant: **Landbrugets Kartoffelfond**, Germany.
 Certificate No: 4235 Expiry Date: 19 April, 2031.
 Agent: **Agtec Agriculture Pty Ltd**, Hillston,, NSW.

‘Musica’^ϕ

Application No: 2009/212
 Applicant: **C Meijer BV**, The Netherlands.
 Certificate No: 4230 Expiry Date: 19 April, 2031.
 Agent: **Agtec Agriculture Pty Ltd**, Hillston, NSW.

‘Orchestra’^ϕ

Application No: 2009/213
 Applicant: **C Meijer BV**, The Netherlands.
 Certificate No: 4231 Expiry Date: 19 April, 2031.
 Agent: **Agtec Agriculture Pty Ltd**, Hillston, NSW.

‘Polaris’^ϕ

Application No: 2009/216
 Applicant: **Landbrugets Kartoffelfond**, Germany.
 Certificate No: 4234 Expiry Date: 19 April, 2031.
 Agent: **Agtec Agriculture Pty Ltd**, Hillston, NSW.

‘Red Lady’^ϕ

Application No: 2009/263
 Applicant: **Solana Agrar-Produkte GMBH & Co KG**, Germany.
 Certificate No: 4236 Expiry Date: 19 April, 2031.
 Agent: **Western Potatoes Ltd**, West Perth, WA.

‘Senna’^ϕ

Application No: 2009/214
 Applicant: **Landbrugets Kartoffelfond**, Germany.
 Certificate No: 4232 Expiry Date: 19 April, 2031.
 Agent: **Agtec Agriculture Pty Ltd**, Hillston, NSW.

‘Smiley’^ϕ

Application No: 2008/079
 Applicant: **Higgins Agriculture**, UK.
 Certificate No: 4227 Expiry Date: 19 April, 2031.
 Agent: **Western Potatoes Limited**, West Perth, WA.

‘VERDI’^ϕ

Application No: 2008/090
 Applicant: **SaKA Planzenzucht GbR**, Germany.
 Certificate No: 4228 Expiry Date: 19 April, 2031.
 Agent: **Western Potatoes Limited**, West Perth, WA.

Trifolium tumens

TALISH CLOVER

‘Permatas’^ϕ

Application No: 2008/287
 Applicant: **The Crown in Right of the State of Tasmania through the Department of Primary Industries**, Hobart, TAS and **Water and Environment, University of Tasmania**, Hobart, TAS.
 Certificate No: 4263 Expiry Date: 8 June, 2031.

Ulmus parvifolia

CHINESE ELM

‘Todd’^ϕ

Application No: 2001/077

Applicant: **Fleming's Nurseries Pty Ltd**, Monbulk, VIC.

Certificate No: 4274 Expiry Date: 13 June, 2036.

Vitis vinifera

GRAPE VINE

‘Sugranineteen’^ϕ

Application No: 2004/320

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

Certificate No: 4225 Expiry Date: 4 April, 2036.

Agent: **Sun World Australasia**, Oberon, NSW.

xTriticosecale

TRITICALE

‘Tuckerbox’^ϕ

Application No: 2009/014

Applicant: **Pasture Genetics Pty Ltd**, Wingfield, SA.

Certificate No: 4240 Expiry Date: 12 May, 2031.

Denomination Changed

| Application No. | Genus | Species | Common Name | Changed From | Changed To |
|-----------------|----------|-----------------------|-------------|--------------|------------|
| 2005/355 | Citrus | reticulata x sinensis | Tangor | Royal Honey | RHM |
| 2010/094 | Musa | hybrid | Banana | Little Gem | LG-1 |
| 2009/326 | Fragaria | xananassa | Strawberry | Virtue | BG-1975 |

Synonym Added

| Application No. | Genus | Species | Variety | Common Name | Synonym Changed From | Synonym Changed To |
|------------------------|--------------|----------------|----------------|--------------------|-----------------------------|---------------------------|
| 2009/326 | Fragaria | xananassa | BG-1975 | Strawberry | None | Virtue |

WITHDRAWN

The following varieties are no longer under PBR provisional protection

| App. No. | Genus | Species | Common Name | Variety | |
|----------|------------------|--|---------------|---------------------------|--------|
| 2010/031 | <i>Gazania</i> | tomentosa | Gazania | GT10 | May-11 |
| 2003/268 | <i>Quercus</i> | <i>virginiana</i> | Live Oak | QVTIA | May-11 |
| 1991/049 | <i>Rosa</i> | hybrid | | Meineble | May-11 |
| 1991/052 | <i>Rosa</i> | hybrid | | Korsorb | May-11 |
| 2002/356 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Iced Moonglow | May-11 |
| 2002/363 | <i>Prunus</i> | <i>salicina</i> x <i>persica</i> | Pleach | Hawkesbury Elk | May-11 |
| 2002/373 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury December Ice | May-11 |
| 2003/105 | <i>Prunus</i> | <i>persica</i> | Peach | Hawkesbury D'Or Discus | May-11 |
| 2003/106 | <i>Prunus</i> | <i>persica</i> | Peach | Hawkesbury Oro Discus | May-11 |
| 2002/350 | <i>Actinidia</i> | <i>chinensis</i> | Kiwifruit | Hawkesbury Jade | May-11 |
| 2002/347 | <i>Prunus</i> | <i>salicina</i> | Japanese Plum | Hawkesbury Rebecca Blood | May-11 |
| 2002/353 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Iced Gold | May-11 |
| 2002/354 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Iced Sun | May-11 |
| 2002/355 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Early Ice | May-11 |
| 2002/349 | <i>Prunus</i> | <i>persica</i> | Peach | Hawkesbury Early Gold | May-11 |
| 2002/339 | <i>Prunus</i> | <i>salicina</i> | Japanese Plum | Hawkesbury Isabella Blood | May-11 |
| 2002/375 | <i>Prunus</i> | <i>salicina</i> | Japanese Plum | Hawkesbury Neptune Onyx | May-11 |
| 2002/367 | <i>Prunus</i> | <i>persica</i> | Peach | Hawkesbury Gold Discus | May-11 |
| 2003/003 | <i>Prunus</i> | <i>salicina</i> | Japanese Plum | Hawkesbury Jupiter Onyx | May-11 |
| 2002/374 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Dawn Gold | May-11 |
| 2002/369 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Moon Gold | May-11 |
| 2002/366 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Hail | May-11 |
| 2002/371 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Red Ice | May-11 |
| 2002/370 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Pale Ice | May-11 |

| | | | | | |
|----------|---------------------|---|--------------------------|--------------------------|--------|
| 2002/351 | <i>Prunus</i> | <i>salicina</i> | Japanese Plum | Hawkesbury Mira Blood | May-11 |
| 2002/364 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Nectarine | Hawkesbury Noon Gold | May-11 |
| 2009/149 | <i>Grevillea</i> | <i>formosa</i> | Mt Brockman Grevillea | Silver Mist | Jun-11 |
| 2010/026 | <i>Rubus</i> | <i>hybrid</i> | Blackberry | DrisBlack Two | Jun-11 |
| 2010/323 | <i>Calibrachoa</i> | <i>hybrid</i> | <i>Calibrachoa</i> | KLECA09207 | Jun-11 |
| 2006/319 | <i>Euphorbia</i> | <i>pulcherrima</i> | Poinsettia | NPCW02042 | Jun-11 |
| 2006/005 | <i>Fragaria</i> | <i>xananassa</i> | Strawberry | Kalinda | Jun-11 |
| 2009/324 | <i>Osteospermum</i> | <i>hybrid</i> | Cape Daisy | SAKOST7959 | Jun-11 |
| 2008/040 | <i>Fallopia</i> | <i>sachalinensis</i> | Giant Knotweed | IGNISCUM | Jun-11 |
| 2009/318 | <i>Impatiens</i> | <i>hybrid</i> | Bizzy Lizzy | SAKIMP005 | Jun-11 |
| 2008/269 | <i>Dahlia</i> | <i>hybrid</i> | Dahlia | Barbados | Jul-11 |

Grants Surrendered

| App. No. | Genus | Species | Variety | Synonym | Common Name |
|----------|---------------------|-----------------------------|-------------------|---------|----------------|
| 1995/001 | <i>Protea</i> | <i>magnifica x compacta</i> | Pink Princess | | Protea |
| 2006/232 | <i>Rosa</i> | hybrid | Preruclas | | Rose |
| 2000/285 | <i>Liriope</i> | <i>muscari</i> | Arizona | | Turf Lily |
| 1998/241 | <i>Syzygium</i> | <i>luehmannii</i> | Little Lucy | | Lilly Pilly |
| 2000/312 | <i>Syzygium</i> | <i>australe</i> | Oranges & Lemmons | | Lilly Pilly |
| 1995/215 | <i>Alstroemeria</i> | hybrid | STATIREN | IRENA | Peruvian Lilly |
| 1994/065 | <i>Anigozanthos</i> | hybrid | Bush Ember | | |

Grants Expired

The following varieties are no longer under PBR protection:

| App. No. | Genus | Species | Common Name | Variety |
|-----------------|--------------|-------------------|--------------------|----------------|
| 1991/052 | Rosa | <i>hybrid</i> | | Korsorb |
| 1991/049 | Rosa | <i>hybrid</i> | | Meineble |
| 1991/065 | Feijoa | <i>sellowiana</i> | | Duffy |

Corrigenda

Dianthus xallwoodii

PINKS

‘WP Passion’ syn Passion

Application No: 2010/320 Accepted: 10 February, 2011

Applicant: **Carolyn Grace Bourne.**

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

In the acceptance list of page 23 of the PVJ 24.1 the variety name is incorrectly published as ‘DP Passion’. The correct varietal name is given above.

Gossypium hirsutum

Cotton

‘Sicot 70BL’

Application No: 2009/235 Accepted: 28 September, 2009

Applicant: **Commonwealth Scientific and Industrial Research Organisation,
Cotton Seed Distributors Ltd.**

The claim of distinctness on Plant: distance to first fruiting branch and Plant: number of nodes has been removed from the published description (PVJ 23.3) because these two characteristics do not meet the PBR stability requirement.

Gossypium hirsutum

Cotton

‘Sicot 74BRF’

Application No: 2009/236 Accepted: 28 September, 2009

Applicant: **Commonwealth Scientific and Industrial Research Organisation,
Cotton Seed Distributors Ltd.**

The claim of distinctness on Plant: height and Stigma: distance above stamens has been removed from the published description (PVJ 23.3) because these two characteristics do not meet the PBR stability requirement.

Vitis ssp. complex hybrid x Vitis vinifera

Grape vine

‘M 48-42’ syn Black Gem

Application No: 2011/018 Accepted: 25 January 2011

Applicant: **CSIRO, Plant Industry,** Canberra, ACT.

In the acceptance list of PVJ 24.1, the common name is incorrectly provided as “Grapevine rootstock”. The common name should be “Grape vine”.

Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 24 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 acceptance¹, in a refusal of the application. The consequences of refusal are the same as for applications deemed to be inactive (see 'inactive applications' below).

Consideration of a request for an extension of the period of provisional protection from the initial 12-month period may require the prior payment of the examination fee.

Certificate fee

Following the successful completion of the examination, including the public notice period, the applicant will be required and invoiced to pay the certification fee. Payment of the certification fee is a prerequisite to granting PBR and issuing the official certificate by the PBR office. Failure to pay the fee may result in a refusal to grant PBR.

Annual fee

Should an annual renewal fee not be paid within 30 days after the due date, the grant of PBR will be revoked under Section 50 of the PBR Act. To assist grantees, the PBR office will invoice grantees or their Australian agents for renewal fees.

Inactive applications

An application will be deemed inactive if, after 24 months of provisional protection (or 12 months in the case of non-payment of the examination fee) the PBR Office has not received a completed application or has not been advised to proceed with the examination or an extension of provisional protection has not been requested or not granted or a certificate fee has not been paid. Inactive applications will be examined and, should they not fully comply with Section 44 of the PBR Act 1994, they will be refused. As a result provisional protection will lapse, priority claims on that variety will be

¹ The time limit to pay examination fees on imported varieties can be deferred for a maximum of 12 months after the variety has been released from quarantine. Contact the PBR Office for further details.

lost and should the variety have been sold, it will be ineligible for plant breeders rights on reapplication. Continued use of labels or any other means to falsely imply that a variety is protected after the application has been refused is an offence under Section 75 of the Act.

| FEES | | | | |
|--|---|-------------|-------------|-------------|
| Basic Fees | Schedule | | | |
| | A | B | C | D |
| | \$ | | | |
| Application | 300 | 300 | 400 | 300 |
| Examination - per application | 1400 | 1200 | 1400 | 800 |
| Certificate | 300 | 300 | 250 | 300 |
| Total Basic Fees | 2000 | 1800 | 2050 | 1400 |
| Annual Renewal - all applications | 300 | | | |
| Schedule | | | | |
| A | Single applications and applications based on an official overseas test reports. | | | |
| B | Applicable when two or more Part 2 Applications are lodged simultaneously and the varieties are of the same genus and the examinations can be completed at one location at the same time. | | | |
| C | Applications lodged under PVR (prior to 10 th Nov 1994) | | | |
| D | Applicable to 5 or more applications examined at an Accredited Centralised Testing Centre | | | |
| Other Fees | | | | |
| Variation to application(s) - per hour or part thereof | | | | 75 |
| Change of Assignment - per application | | | | 100 |
| Copy of an application (Part1 and/or Part2) , an objection or a detailed description | | | | 50 |
| Copy of an entry in the Register | | | | 50 |
| Lodging an objection | | | | 100 |
| Annual subscription to Plant Varieties Journal | | | | 40 |
| Back issues of Plant Varieties Journal | | | | 14 |
| Administration - Other work relevant to PBR - per hour or part thereof | | | | 75 |
| Application for declaration of essential derivation | | | | 800 |
| Application for (a) revocation of a PBR | | | | 500 |
| (b) revocation of a declaration of essential derivation | | | | 500 |
| Compulsory licence | | | | 500 |
| Request under subsection 19(11) for exemption from public access - varieties with no direct use as a consumer | | | | 100 |

APPENDIX 2**Plant Breeders Rights Advisory Committee (PBRAC)**

(Members of the PBRAC hold office in accordance with Section 85 of the *Plant Breeder's Rights Act 1994*.)

Committee Members

| | |
|---|---|
| <p>Member Representing Plant Breeders</p> <p>Mr Christopher Prescott Prescott Roses Pty Ltd PO Box 507 BERWICK VIC 3806</p> | <p>Member Representing Plant Breeders</p> <p>Mr Denis McGrath Advise Pty Ltd PO Box 63 INVERLEIGH 3321</p> |
| <p>Member Representing Users</p> <p>Mr Kerrie Gleeson Australian Grain Technologies 23 Pinehurst Avenue PO Box 26 DUBBO NSW 2830</p> | <p>Member Representing Consumers</p> <p>Ms Penny Hendy 483 Ross Road KATUNGA VIC 3640</p> |
| <p>Member Representing Conservation</p> <p>Professor Robert Henry Centre for Plant Conservation Genetics South Cross University PO Box 157 LISMORE NSW 2480</p> | <p>Member Representing Indigenous Interests</p> <p>Mr John Collyer Worn Gundidj Aboriginal Cooperative PO Box 1134 Warrnambool VIC 3280</p> |
| <p>Member with Appropriate Qualifications</p> <p>Mr Benny Browne Griffith Hack 509 St Kilda Road MELBOURNE VIC 3004</p> | <p>Member with Appropriate Qualifications</p> <p>Professor Brad Sherman TC Beirne School of Law University of Queensland ST LUCIA QLD 4072</p> |
| <p>Chair (Delegate of the PBR Registrar)</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 | Cottrell, Matthew 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 | Cottrell, Matthew 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 |
| Boronia | Umaretiya, Praful |
| Bougainvillea | Iredell, Janet Willa Prince, John |
| Brachyscome | Paananen, Ian |

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| 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 |
| Brunia | Dunstone, Bob |
| Buddleia | Robb, John Paananen, Ian |
| Buffalo Grass | Paananen, Ian |
| Calibrachoa | Paananen, Ian |
| Callistemon | Parsons, Rodney |
| Camellia | Paananen, Ian Robb, John |
| Cannabis (low THC varieties only and subject to holding a current licence from the appropriate authority) | Bolton, Keith Calabria, Patrick Warner, Philip |
| Carnation/Dianthus | Paananen, Ian |
| Chamelaucium | Umaretiya, Praful |

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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 Cottrell, Matthew Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Scholefield, Peter Swinburn, Garth Sykes, Stephen Topp, Bruce |
| Clivia | Smith, Kenneth |

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| 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 |
| Eremophila | Parsons, Rodney |
| 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 |

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| 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 Cottrell, Matthew 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 |

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| Grape | Burne, Peter Chalmers, Yasmin Michelle Cottrell, Matthew 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 Parsons, Rodney Umaretiya, Praful |
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| Gypsophila | Paananen, Ian |
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| Hardenbergia | Dunstone, Bob |
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| Hops (<i>Humulus</i> 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 |
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| Kalanchoe | Paananen, Ian |
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| Lavender | Paananen, Ian |
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| Legumes | Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Imrie, Bruce Kadkol, Gururaj 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 |

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| Mango | Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony |
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|-------------------|-------------|
| Mushrooms, edible | Wong, Percy |
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| Myrtaceae | Dunstone, Bob |
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| Native grasses | Paananen, Ian Quinn, Patrick |
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| Oat | Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James |
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| Oilseed crops | Downes, Ross Poulsen, David Siedel, John Rhodes, Phil Saunders, James |
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| Olives | Bazzani, Mr Luigi Granger, Andrew |
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| Onions | Bannan, Nathaniel Fennell, John Khan, Akram Laker, Richard McMichael, Prue O'Connell Peter Scholefield, Peter Rhodes, Phil |
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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
Mackinnon, Amanda
Marcsik, Doris
McMichael, Prue
Milne,Carolynn
Mitchell, Hamish
Mitchell, Leslie
Oates, John
O'Brien, Shaun
Paananen, Ian
Prescott, Chris
Prince, John
Robb, John
Pumpa, Lucy
Schapel, Amanda
Scholefield, Peter
Singh, Deo
Smith, Ian
Stewart, Angus
Van der Staay,
Rosemaree Anne
Watkins, Phillip
Watkinson, Andrew

Ornamentals - Indigenous

Abell, Peter
 Allen, Paul
 Angus, Tim
 Barrett, Mike
 Barth, Gail
 Cunneen, Thomas
 Delaporte, Kate
 Downes, Ross
 Eggleton, Steve
 Granger, Andrew
 Harrison, Dion
 Harrison, Peter
 Henry, Robert J
 Hockings, David
 Jack, Brian
 Johnston, Margaret
 Kirby, Greg
 Khan, Akram
 Lenoir, Roland
 Lowe, Greg
 Lunghusen, Mark
 Mackinnon, Amanda
 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

 Ornithopus

 Foster, Kevin
 Nichols, Phillip

 Osmanthus

 Paananen, Ian
 Robb, John

 Osteospermum

 Paananen, Ian

| | |
|-----------------|--|
| Pastures & Turf | Anderson, Malcolm Avery, Angela Bannan, Nathaniel Cameron, Stephen Cook, Bruce Downes, Ross Harrison, Peter Kadkol, Gururaj 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 |

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| Photinia | Robb, John |
| Pistacia | Cottrell, Matthew 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 |

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| 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 |

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| Stone Fruit | Barrett, Mike Cottrell, Matthew 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 Kadkol, Gururaj 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

VerbenaPaananen, Ian

Walnut

Cottrell, Matthew
 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

ZantedeschiaPaananen, Ian

TABLE 2

| NAME | TELEPHONE | AREA OF OPERATION |
|---------------------------|--|--|
| Abell, Peter | 0438 392 837 mobile | Australia |
| Aberdeen, Ian | 03 5782 1029 03 5782 2073 fax | SE Australia |
| Allen, Paul | 07 3824 0263 ph/fax | SE QLD, Northern NSW |
| Anderson, Malcolm | 03 5573 0900 03 5571 1523 fax 017 870 252 mobile | Victoria |
| Angus, Tim | (64 4) 568 3878 ph/fax 001164211871076 mobile plantatim@zip.co.nz | Australia and New Zealand |
| Armitage, Paul | 03 9756 7233 03 9756 6948 fax | Victoria |
| Avery, Angela | 02 6030 4500 02 6030 4600 fax | South Eastern Australia |
| Bannan, Nathaniel | 03 8318 9019 03 8318 9002 fax | Australia |
| Barrett, Mike | 0429 720 013 mobile 02 9875 3087 02 9980 1662 fax 0407 062 494 mobile | NSW/ACT |
| Barth, Gail | 08 8389 7479 | SA and Victoria |
| Bazzani, Luigi | 08 9772 1207 08 9772 1333 fax | Western Australia |
| Bennett, Malcolm | 08 8973 9733 08 8973 9777 fax | NT, QLD, NSW, WA |
| 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 |
| Cottrell, Matthew | 03 5024 8603 0438 594010 mobile | Australia |
| Cox, Mike | 07 4132 5200 07 4132 5253 fax | Queensland and NSW |
| Cramond, Gregory | 08 8390 0299 08 8390 0033 fax 0417 842 558 mobile | Australia |

| | | |
|-------------------|---------------------|----------------------------------|
| Cruickshank, Alan | 07 4160 0722 | QLD |
| | 07 4162 3238 fax | |
| Cunneen, Thomas | 02 4889 8647 | Sydney Region |
| | 02 4889 8657 fax | |
| Darmody, Liz | 03 9756 6105 | Australia |
| | 03 9752 0005 fax | |
| Delaporte, Kate | 08 8373 2488 | South Australia |
| | 08 8373 2442 fax | |
| | 0427 394 240 mobile | |
| Downes, Ross | 02 4474 0456 ph | ACT, South East Australia |
| | 02 4474 0476 fax | |
| | 0402472601 mobile | |
| Dunstone, Bob | 02 6281 1754 ph/fax | South East NSW |
| Easton, Andrew | 07 4690 2666 | QLD and NSW |
| | 07 4630 1063 fax | |
| Edwards, Arthur | 08 8586 1232 | SE Australia |
| | 08 8595 1394 fax | |
| | 0409 609 300 mobile | |
| Eggleton, Steve | 03 9876 1097 | Melbourne Region |
| | 03 9876 1696 fax | |
| Engel, Richard | 08 9397 5941 | WA |
| | 08 9397 5941 fax | |
| Fennell, John | 08 8369 8840 | Australia |
| | 08 8389 8899 fax | |
| | 0401 121 891 mobile | |
| Farquhar, Wayne | 08 85657000 | South Australia |
| | 08 85657011 fax | |
| Fittler, Michael | 02 6773 2522 | NSW |
| | 02 6773 3238 | |
| Fleming, Graham | 03 9756 6105 | Australia |
| | 03 9752 0005 fax | |
| Friemond, Terry | 08 9203 6720 | Western Australia |
| | 08 9203 6720 fax | |
| | 0438 915 811 mobile | |
| Foster, Kevin | 08 9368 3804 | Mediterranean areas of Australia |
| | 08 9474 2840 fax | |
| Frkovic, Edward | 02 6962 7333 | Australia |
| | 02 6964 1311 fax | |
| George, Doug | 07 5460 1308 | Australia |
| | 07 5460 1112 fax | |
| Gillespie, David | 07 4155 6344 | Wide Bay Burnett District, QLD |
| | 07 4155 6656 fax | |
| Gororo, Nelson | 03 5382 5911 | Mediterranean areas of Australia |
| | 03 5382 5755 fax | |
| | 0428 534 770 mobile | |
| Goulden, David | 64 3 325 6400 | New Zealand |
| | 64 3 325 2074 fax | |
| Graetz, Darren | 08 8303 9362 | South Australia |
| | 08 8303 9424 fax | |
| Granger, Andrew | 08 8389 8809 | South Australia |
| | 08 8389 8899 fax | |
| Greer, Neil | 07 5441 1118 | Australia |
| | 07 5476 0098 fax | |
| | 0418 881 755 mobile | |
| Guertsen, Paul | 02 6845 3789 | NSW, VIC, SE QLD |
| | 02 6845 3382 fax | |
| | 0407 658 105 mobile | |
| Hanger, Brian | 03 9837 5547 ph/fax | Victoria |
| | 0418 598106 mobile | |

| | | |
|----------------------|--|--|
| Hare, Ray | 02 6763 1232 02 6763 1222 fax | QLD, NSW VIC & SA |
| Harrison, Dion | 07 5460 1313 07 5460 1283 fax | south east QLD and northern NSW |
| Harrison, Peter | 08 8948 1894 ph 08 8948 3894 fax 0407 034 083 mobile | Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas |
| 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 5381 1396 0459 122 542 mobile | 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 2089fax 0407 050 133 mobile | Melbourne & environs |
| Lye, Colin | 07 4671 0044 07 4671 0066 fax 0427 786 668 mobile | NT, QLD and NSW |
| MacGregor, Alison | 03 5023 4644 0419 229 713 mobile | Southern Australia – Murray Valley Region |
| Mackay, Alastair | 08 9310 5342 ph/fax 0159 87221 mobile | Western Australia |
| Mackinnon, Amanda | 03 6265 9050 03 6265 9919 fax | Australia |
| McMaugh, Peter | 02 9872 7833 02 9872 7855 fax | Australia |
| Malone, Michael | +64 6 877 8196 +64 6 877 4761 fax | New Zealand |
| Marcsik, 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 6495 0712 0427 277 951 mobile | Eastern Australia |
| O'Brien, Shaun | 07 5442 3055 07 5442 3044 fax 0407 584 417 mobile | SE Queensland |
| O'Connell, Peter | 02 9403 0787 02 9402 6664 fax 0488 233 704 mobile | VIC, NSW, QLD |
| 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 | SE QLD, Northern NSW |
| | 07 4681 1769 fax | |
| Umaretiya, Praful | 08 6201 7645 | Western Australia |
| | 0432 190 099 mobile | |
| Valentine, Bruce | 02 6361 3919 | New South Wales |
| | 02 6361 3573 fax | |
| Van der Staay, Rosemaree Anne | 03 6248 6863 | Tasmania |
| | 03 6248 7402 fax | |
| Verdegaal, John | 03 6458 3581 | Australia and New Zealand |
| | 03 6458 3581 fax | |
| Warner, Philip | 07 5499 9249 ph/fax | Australia |
| | 0412 162 003 mobile | |
| Watkins, Phillip | 08 9537 1811 | Perth Region |
| | 08 9537 3589 fax | |
| | 0416 191 472 mobile | |
| Watkinson, Andrew | 07 5445 6654 | Northern NSW and Southern |
| | 0409 065 266 mobile | QLD |
| Watson, Brigid | 03 5688 1058 | Victoria |
| | 0429 702 277 mobile | |
| Westra Van Holthe, Jan | 03 9706 3033 | Australia |
| | 03 9706 3182 fax | |
| Whiley, Tony | 07 5441 5441 | QLD |
| Wilkes, Gregory | 02 4570 1358 | Sydney region |
| | 02 4570 1314 fax | |
| | 0418 642 359 mobile | |
| Wilson, Frances | 64 3 318 8514 | Canterbury, New Zealand |
| | 64 3 318 8549 fax | |
| Wilson, Graeme | 03 5957 1200 | SE Australia |
| | 03 5957 1210 fax | |
| Wong, Percy | 02 9036 7767 | Australia |
| Zadow, Diane | 03 5382 1269 | Victoria |
| | 03 5381 1210 fax | |
| | 0419 145 763 mobile | |
| Zorin, Margaret | 07 3207 4306 | Eastern Australia |
| | 0418 984 555 | |

Appendix 4 Index of Accredited Non-Consultant Qualified Persons

| Name |
|-----------------------|
| Aquilizan, Flaviano |
| Armour, David |
| Baelde, Arie |
| Baker, Grant |
| Bally, Ian |
| Bartley, Megan |
| Bell, David |
| Bennett, Nicholas |
| Bennett, Kathryn |
| Bernuetz, Andrew |
| Berryman, Pamela |
| Birchall, Craig |
| Boorman, Des |
| Box, Amanda |
| Brewer, Lester |
| Brindley, Tony |
| Brown, Emma |
| Bunker, Kerry |
| Bunker, John |
| Burton, Wayne |
| Buselich, David |
| Cameron, Nick |
| Cecil, Andrew |
| Chesher, Wayne |
| Chaudhury, Abdul |
| Clayton-Greene, Kevin |
| Constable, Greg |
| Cook, Esther |
| Corcoran, Lisa |
| Coventry, Stewart |
| Craig, Andrew |
| Culvenor, Richard |
| De Betue, Remco |
| de Koning, Carolyn |
| Done, Anthony |
| Donnelly, Peter |
| Downe, Graeme |
| Dutschke, Nathan |
| Eastwood, Russell |
| Eglinton, Jason |
| Elliott, Philip |
| Evans, Pedro |
| Eykamp, Donald |
| Eyles, Gary |
| Fitzgibbon, John |
| Flett, Peter |

| |
|---------------------|
| Geary, Judith |
| Gibbons, Philip |
| Gillies, Leanne |
| Glover, Russell |
| Graetz, Darren |
| Gurciullo, Gaetano |
| Haire, Chris |
| Hawkey, David |
| Herring, Meredith |
| Hollamby, Gil |
| Hoppo, Suzanne |
| Howie, Jake |
| Hurst, Andrea |
| Irwin, John |
| Janhsen, Joanne |
| Jiranek, Vladimir |
| Jupp, Noel |
| Kaehne, Ian |
| Kaiser, Stefan |
| Katellaris, Andrew |
| Katz, Mark |
| Kebblewhite, Tony |
| Kempff, Stefan |
| Kennedy, Chris |
| Kobelt, Eric |
| Lacey, Kevin |
| Larkman, Clive |
| Lawson, Marion |
| Leddin, Anthony |
| Lee, Kathryn |
| Lee, Jodie |
| Leeks, Conrad |
| Leighton, A |
| Leonforte, Antonio |
| Lewis, Hartley |
| Lewthwaite, Stephen |
| Loi, Angelo |
| Lonergan, Paul |
| Lowe, Russell |
| Luckett, David |
| Mack, Ian |
| Mansfield, Daniel |
| Matic, Rade |
| Matthews, Michael |
| May, Peter |
| McCabe, Dominic |
| McCredden, John |
| McDonald, David |
| Miller, Kylie |
| Mitchell, Steven |
| Moss, Ian |
| Mullins, Kathleen |
| Myors, Philip |

| |
|-----------------------|
| Neilson, Peter |
| Newman, Allen |
| Noone, Brian |
| Norriss, Michael |
| O'Brien, Tim |
| O'Sullivan, Robert |
| Palmer, Ross |
| Paull, Jeff |
| Pearce, Bob |
| Peoples, Alan |
| Pike, Elise |
| Porter, Gavin |
| Potter, Trent |
| Pressler, Craig |
| Rayner, Kenneth |
| Reeve, Christopher |
| Reid, Peter |
| Reinke, Russell |
| Roche, Matthew |
| Russell, Dougal |
| Sadeque, Abdus |
| Sanders, Milton |
| Sanewski, Garth |
| Sarkhosh, Ali |
| Schreuders, Harry |
| Scott, Ralph |
| Senior, Michael |
| Smith, Leigh |
| Smith, Malcolm |
| Smith, Chris |
| Snelling, Cath |
| Song, Leonard |
| Sounness, Janine |
| Stephens, Joseph |
| Stiller, Warwick |
| Stuart, Peter |
| Sutton, John |
| Taylor, Kerry |
| Todd, Peter |
| Trigg, Pamela |
| Urwin, Nigel |
| Vater, Daniel |
| Vaughan, Peter |
| Venkatanagappa, Shoba |
| Venn, Neil |
| Verdegaal, John |
| Walton, Mark |
| Warner, Bradley |
| Warren, Andrew |
| Weatherly, Lilia |
| Weber, Ryan |
| Wei, Xianming |
| Wilkie, John |

| |
|-----------------------|
| Williams, Rex |
| Williams, Joanne |
| 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 |

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|--|---|----------------------------------|--|-------------------------|----------|
| | | | 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 |
| PBseeds | Horsham, VIC | <i>Lens culinaris</i> | Glasshouse, shadehouse, small plot equipment, seed production, processing and long term storage | T Leonforte G Kadkol | 5/7/2011 |

The following applications are pending:

| Name | Location | Genera applied for | Facilities | Name of QP |
|---------------------------------------|-----------------------------|-------------------------|---|-------------|
| Mansfield Propagation Nursery Pty Ltd | Carrum Downes and Skye, VIC | <i>Lomandra</i> | Propagation greenhouses and indoor and outdoor growing areas. | M Lunghusen |
| Ken Rayner | Katherine, NT | <i>Mangifera indica</i> | Propagation, irrigation shadehouses/field and nursery facilities. | K Rayner |
| 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 2011.

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 Sutera | JAMES; SUTER |
| Class 211 | Edible Mushrooms Agaricus bisporus Agaricus blazei Agrocybe cylindracea Auricularia auricula Auricularia polytricha (Mont.) Sacc. Dictyophora indusiata (Ventenat:Persoon) Fischer Flammulina velutipes Ganoderma lucidum (Leys:Fries) Karsten Grifola frondosa Hericiium erinaceum Hypsizigus marmoreus Hypsizigus ulmarius Lentinula edodes Lepista nuda (Bulliard:Fries) Cooke Lepista sordida (Schumacher:Fries) Singer Lyophyllum decastes Lyophyllum shimeji (Kawamura) Hongo Meripilus giganteus (Persoon:Fries) Karten Mycoleptodonoides aitchisonii (Berkeley) Maas Geesteranus Naematoloma sublateritium Panellus serotinus Pholiota adiposa Pholiota nameko Pleurotus cornucopiae var.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 PLEUR_ERY POLYO_TUB SPARA_CRI MACRO_GIG |

* Classes 203 and 204 are not solely established on the basis of closely related species.

APPENDIX 8

REGISTER OF PLANT VARIETIES

Register of Plant Varieties contains the legal description of the varieties granted Plant Breeder's Rights. A person may inspect the Register at any reasonable time. Following are the contact details for Registers (1988-2000) kept in each state and territories*

South Australia

Ms Lisa Halskov
AQIS
8 Butler Street
PORT ADELAIDE SA 5000
Phone 08 8305 9706

New South Wales

Mr. Alex Jabs
General Services
AQIS
2 Hayes Road
ROSEBERY NSW 2018
Phone 02 9364 7293

Victoria and Tasmania

Mr. Colin Hall
AQIS
Building D, 2nd Floor
World Trade Centre
Flinders Street
MELBOURNE VIC 3005
Phone 03 9246 6810

Queensland

Mr. Ian Haseler
AQIS
2nd Floor
433 Boundary Street
SPRING HILL QLD 4000
Phone 07 3246 8755

Australian Capital Territory, Northern Territory and Western Australia

ACT and NT Registers are kept
in the Library of PBR Office in Canberra
Phone (02) 6283 2999

* In accordance with an amendment to section 61 of Plant Breeder's Rights Act, from 2002 the Register of Plant Varieties will be available from the Library of PBR Office in Canberra. The Register is also electronically available from the PBR website at <http://pbr.ipaustralia.plantbreeders.gov.au/>



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