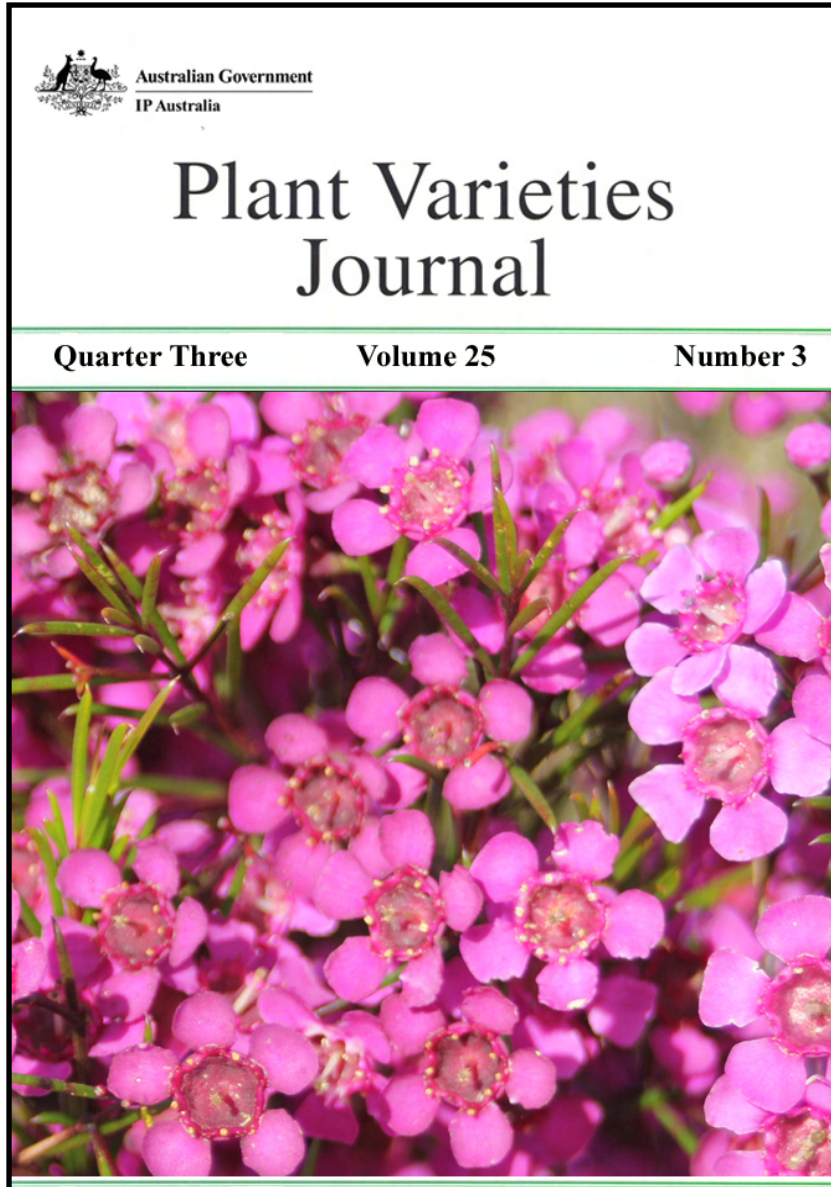




Australian Government
IP Australia

Plant Varieties Journal - Optimised for Screen Viewing



Plant Varieties Journal

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

Quarter Three 2012

Volume 25 Number 3

ISSN: 1030-9748

Date of Publication : 23 October 2012

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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. 25 Issue 3) are listed below:

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Interactive Variety Description System (IVDS)

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

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

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

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

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

Objections and revocations

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

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

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

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

Objections to Applications

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

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

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

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

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

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

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

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

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

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

Report on Breeding Issues

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

Use of Overseas Data

Overseas Testing/Data

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

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

Taxa that must be trailed in Australia

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

Solanum tuberosum Potato

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

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

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

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

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

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

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

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

PBR Infringement

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

On-line Database for PBR Varieties

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

Cumulative Index to Plant Varieties Journal

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

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

Applying for Plant Breeder's Rights

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

Steps in Applying for Plant Breeder's Rights

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

Requirement to Supply Comparative Varieties

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

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

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

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

UPOV Developments

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

The members of UPOV are (as of 27 April 2012):

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

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/test_guidelines/en/

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 Notification of Approved Means

On 10 May 2012 we announced that the Australian Government has approved within the context of its 2012 Budget changes to fees charged for IP Australia's products and services.

The fee changes include incentives for customers to use an *approved means* for specific transactions. Customers that file in this way will benefit through a lower fee.

The Registrar has specified that from 1 July 2012 the *approved means* is as follows:

- when renewing an IP Right (patent, trade mark, design or plant breeder's right) the transaction must be made using eServices or by Business to Business (B2B).

When a renewal is completed by another means from 1 July 2012 (for example by mail, facsimile or at a counter) the lower fee will not apply.

The *approved means* will be amended in advance of further releases of eServices and B2B as they are made available.

More information about the new fee structures, eServices and B2B can be found at www.ipaustralia.gov.au.

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



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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. 25 Issue 3) are listed below:

- [Home](#)
- [Acceptances](#)
- [Variety Descriptions](#)
- [Grants](#)
- [Change of Agent](#)
- [Denomination Changed](#)
- [Applications Withdrawn](#)
- [Grants Surrendered](#)
- [Grants Revoked](#)
- [Corrigenda](#)

ACCEPTANCES

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

Acer rubrum

SWAMP MAPLE, RED MAPLE

'Frank Jr'

Application No: 2012/097 Accepted: 19 July, 2012

Applicant: **J Frank Schmidt & Son.**

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

Aloe hybrid

ALOE

'LEO 4363' syn Andrea's Orange

Application No: 2011/012 Accepted: 4 September, 2012

Applicant: **Leo Peter Erik Thamm.**

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

Alstroemeria hybrid

PERUVIAN LILY

'Konpepper'

Application No: 2012/027 Accepted: 29 August, 2012

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

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

Ananas comosus

PINEAPPLE

'Aus-Festival'

Application No: 2012/149 Accepted: 9 August, 2012

Applicant: **State of Queensland through its Department of Agriculture, Fisheries and Forestry**,
Brisbane, QLD.

Banksia integrifolia

COASTAL BANKSIA

‘BIT 11’

Application No: 2011/178 Accepted: 24 September, 2012
Applicant: **Mansfields Propagation Nursery**, Skye, VIC.

Brachyscome hybrid

BRACHYSCOME

‘Magenta Magic’

Application No: 2012/066 Accepted: 2 August, 2012
Applicant: **Outback Plants Pty Ltd**, Cranbourne, Vic.

Brassica napus

CANOLA

‘StatusRR’

Application No: 2012/155 Accepted: 3 September, 2012
Applicant: **Canola Breeders Western Australia Pty Ltd**, Shenton Park, WA.

‘Sturt TT’

Application No: 2012/156 Accepted: 3 September, 2012
Applicant: **Canola Breeders Western Australia Pty Ltd**, Shenton Park, WA.

Camellia sasanqua

CAMELLIA

‘Parlove’

Application No: 2012/132 Accepted: 10 August, 2012
Applicant: **The Paradise Seed Company Pty. Ltd.**, Kariong, NSW.

‘Paroli’

Application No: 2012/131 Accepted: 10 August, 2012
Applicant: **The Paradise Seed Company Pty. Ltd.**, Kariong, NSW.

Chloris gayana

RHODES GRASS

‘Epica INTA-Peman’ syn Epica

Application No: 2012/147 Accepted: 4 September, 2012

Applicant: **Instituto Nacional de Tecnología Agropecuaria (INTA).**

Agent: **Selected Seeds Pty Ltd**, Pittsworth, QLD.

Cicer arietinum

CHICKPEA

‘PBA Maiden’

Application No: 2012/165 Accepted: 25 September, 2012

Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales; Grains Research & Development Corporation; Minister for Agriculture, Food and Fisheries;**

Department of Agriculture, Fisheries and Forestry; Agriculture Victoria Services, Orange, NSW.

‘PBA Striker’

Application No: 2012/164 Accepted: 25 September, 2012

Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales; Grains Research & Development Corporation; Minister for Agriculture, Food and Fisheries;**

Department of Agriculture, Fisheries and Forestry; Agriculture Victoria Services, Orange, NSW.

Coprosma repens

MIRROR PLANT

‘Ignite’

Application No: 2012/173 Accepted: 12 September, 2012

Applicant: **Peter Fraser.**

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

Correa decumbens x *reflexa*

NATIVE FUCHSIA

‘CRP001’

Application No: 2011/281 Accepted: 3 August, 2012

Applicant: **Peter Goldup.**

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

Cynodon dactylon

COUCHGRASS, BERMUDAGRASS

‘Silverstream’

Application No: 2012/139 Accepted: 29 August, 2012

Applicant: **M. Collins & Sons Holdings Pty Ltd.**, Revesby, NSW.

Dianella caerulea

BLUE FLAX-LILY

‘Proquest D5’

Application No: 2012/157 Accepted: 27 August, 2012

Applicant: **Floraquest Pty Ltd, Protected Plant Promotions Pty Ltd.**

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

Festuca arundinacea

TALL FESCUE

‘Temora’

Application No: 2012/088 Accepted: 10 September, 2012

Applicant: **Grasslands Innovation Ltd.**

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

Ficus obliqua

SMALL LEAVED FIG

‘FFV1’

Application No: 2011/011 Accepted: 4 September, 2012

Applicant: **Agbiz Holdings Pty Ltd, R.J. Harrison, B.E. Jackson.**

Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

Fragaria xananassa

STRAWBERRY

‘DrisStrawTwentyEight’

Application No: 2012/162 Accepted: 12 September, 2012

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

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

Gardenia augusta

GARDENIA

‘Buttons’

Application No: 2012/128 Accepted: 10 August, 2012

Applicant: **The Paradise Seed Company Pty. Ltd.**, Kariong, NSW.

‘Parplatinum’

Application No: 2012/130 Accepted: 10 August, 2012

Applicant: **The Paradise Seed Company Pty. Ltd.**, Kariong, NSW.

‘Starlight’

Application No: 2012/129 Accepted: 10 August, 2012

Applicant: **The Paradise Seed Company Pty. Ltd.**, Kariong, NSW.

Glycine max

SOYBEAN

‘Bidgee’

Application No: 2012/096 Accepted: 17 July, 2012

Applicant: **Commonwealth Scientific and Industrial Research Organisation, NSW Department of Primary Industries, Grains Research and Development Corporation**, Canberra, ACT.

Grevillea longistyla x *johnsonii* x *longistyla*

GREVILLEA

‘GEL11’

Application No: 2011/177 Accepted: 21 September, 2012

Applicant: **Mansfields Propagation Nursery, Austraflores Holdings Limited**, Skye, VIC.

Hordeum vulgare

BARLEY

‘SouthernStar’

Application No: 2012/110 Accepted: 10 July, 2012

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

Impatiens hybrid

IMPATIENS

‘SAKIMP005S’

Application No: 2012/067 Accepted: 2 August, 2012

Applicant: **Sakata Seed Corporation.**

Agent: **Australian Horticultural Services Pty Ltd**, Mooroolbark, VIC.

Lolium boucheanum

HYBRID RYEGRASS

‘PSPT’

Application No: 2012/091 Accepted: 12 September, 2012

Applicant: **Grasslands Innovation Ltd..**

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

Lolium multiflorum

ITALIAN RYEGRASS

‘ASST’

Application No: 2012/092 Accepted: 3 September, 2012

Applicant: **Grasslands Innovation Ltd..**

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

‘Knight’

Application No: 2012/090 Accepted: 14 September, 2012

Applicant: **Grasslands Innovation Ltd..**

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

Lolium multiflorum var. *westerwoldicum*

ANNUAL RYEGRASS

‘Vortex’

Application No: 2012/143 Accepted: 9 August, 2012

Applicant: **Heritage Seeds Pty Ltd**, Dandenong South, VIC.

Lolium perenne

PERENNIAL RYEGRASS

‘Magniff’

Application No: 2010/127 Accepted: 9 July, 2012

Applicant: **Landmark Nominees Ltd.**

Agent: **Gippsland Farm Solutions**, Bairnsdale, VIC.

Lomandra confertifolia ssp *pallida*

MATT RUSH

‘LCP001’

Application No: 2011/265 Accepted: 3 August, 2012

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

Lomandra filiformis

WATTLE MAT RUSH

‘LFD001’

Application No: 2011/266 Accepted: 4 September, 2012

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

Magnolia x soulangeana x *Magnolia lilliflora*

TULIP MAGNOLIA

‘Genie’

Application No: 2012/118 Accepted: 10 July, 2012

Applicant: **Vance Hooper**.

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

Malus domestica

APPLE

‘Jugala’

Application No: 2012/160 Accepted: 11 September, 2012

Applicant: **International Plant Selection sarl.**

Agent: **Graham's Factree**, Hoddles Creek, VIC.

Myoporum insulare

BOOBIALLA

‘Coastal Rambler’

Application No: 2011/258 Accepted: 9 July, 2012
Applicant: **George A Lullfitz**, Wanneroo, WA.

Pistacia vera

PISTACHIO TREE

‘Golden Hills’

Application No: 2011/137 Accepted: 5 July, 2012
Applicant: **The Regents of the University of California**.
Agent: **NU LEAF I.P. PTY LTD**, Mildura, VIC.

‘Lost Hills’

Application No: 2011/136 Accepted: 5 July, 2012
Applicant: **The Regents of the University of California**.
Agent: **NU LEAF I.P. PTY LTD**, Mildura, VIC.

Pisum sativum

FIELD PEA

‘PBA Coogee’ syn Coogee

Application No: 2012/133 Accepted: 27 July, 2012
Applicant: **Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation**, Attwood, VIC.

‘PBA Hayman’ syn Hayman

Application No: 2012/136 Accepted: 27 July, 2012
Applicant: **Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation**, Attwood, VIC.

‘PBA Pearl’

Application No: 2012/134 Accepted: 27 July, 2012
Applicant: **Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation**, Attwood, VIC.

‘PBA Wharton’ syn Wharton

Application No: 2012/135 Accepted: 27 July, 2012

Applicant: **Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation**, Attwood, VIC.

Platanus x acerifolia

ORIENTAL PLANE

‘Vallis Clausa’

Application No: 2011/230 Accepted: 16 August, 2012

Applicant: **Institut National de la Recherche Agronomique and SCA Pepinieres ROUY-IMBERT.**

Agent: **Australian Nurserymen't Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

Prunus salicina

JAPANESE PLUM

‘Suplumfortytwo’ syn SUPLUM42

Application No: 2012/144 Accepted: 3 August, 2012

Applicant: **Sun World International LLC.**

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

Pyrus communis

EUROPEAN PEAR

‘ANP-0118’

Application No: 2012/138 Accepted: 7 August, 2012

Applicant: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC.

‘ANP-0131’

Application No: 2012/137 Accepted: 7 August, 2012

Applicant: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC.

Rosa hybrid

ROSE

‘GRA1015131’

Application No: 2012/087 Accepted: 5 July, 2012

Applicant: **Mr. Harry Schreuders.**

Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘GRA61361M2’

Application No: 2012/086 Accepted: 5 July, 2012

Applicant: **Mr. Harry Schreuders.**
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘KORgeleflo’

Application No: 2011/153 Accepted: 15 August, 2012
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORlutmag’

Application No: 2011/157 Accepted: 15 August, 2012
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORpauvio’

Application No: 2011/154 Accepted: 15 August, 2012
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORpurlig’

Application No: 2011/158 Accepted: 15 August, 2012
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORTutu’

Application No: 2011/156 Accepted: 15 August, 2012
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORvodacom’

Application No: 2011/155 Accepted: 15 August, 2012
Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

Rosa persica hybrid

HYBRID HULTHEMIA ROSE

‘PEJBIGEYE’

Application No: 2012/049 Accepted: 23 July, 2012
Applicant: **Mr C. H. Warner - Warners Roses.**
Agent: **Australian Roses**, Silvan, VIC.

Rubus idaeus

RASPBERRY

‘Autumn Treasure’

Application No: 2012/148 Accepted: 3 August, 2012

Applicant: **East Malling Research.**

Agent: **Raspberry and Blackberries Australia Inc.**, Silvan, VIC.

‘DrisRaspThree’

Application No: 2012/127 Accepted: 26 July, 2012

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

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

Scaevola aemula

FANFLOWER

‘Cobalt Candles’

Application No: 2012/065 Accepted: 2 August, 2012

Applicant: **Outback Plants Pty Ltd**, Cranbourne, Vic.

Solanum betaceum

TAMARILLO, TREE TOMATO

‘Sweeten’

Application No: 2011/250 Accepted: 6 September, 2012

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

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

Solanum lycopersicum

TOMATO

‘ESSENTIAL’

Application No: 2012/120 Accepted: 24 August, 2012

Applicant: **Nunhems B.V.**

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

Solanum tuberosum

POTATO

‘BARCELONA’

Application No: 2012/107 Accepted: 22 August, 2012

Applicant: **The Potato Company BV.**

Agent: **Southern Packers**, Pemberton, WA.

‘Crop33’

Application No: 2012/119 Accepted: 4 September, 2012

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

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

‘Esmeralda’

Application No: 2012/175 Accepted: 17 September, 2012

Applicant: **Station de Recherche du Comite Nord.**

Agent: **Mitolo Developments Pty Ltd**, Virginia, SA.

‘MONTE CARLO’

Application No: 2012/108 Accepted: 9 August, 2012

Applicant: **The Potato Company BV.**

Agent: **Southern Packers**, Pemberton, WA.

‘Montreal’

Application No: 2012/109 Accepted: 22 August, 2012

Applicant: **The Potato Company BV.**

Agent: **Southern Packers**, Pemberton, WA.

Trifolium pratense

RED CLOVER

‘RLH’

Application No: 2012/093 Accepted: 3 September, 2012

Applicant: **Grasslands Innovation Ltd..**

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

Trifolium repens

WHITE CLOVER

‘Mainstay’

Application No: 2012/094 Accepted: 14 September, 2012

Applicant: **Grasslands Innovation Ltd.**
Agent: **Griffith Hack**, Brisbane, QLD.

Triticum aestivum

WHEAT

‘GRENADE CL Plus’

Application No: 2012/142 Accepted: 15 August, 2012
Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

‘LongReach Dart’ syn LRPB Dart

Application No: 2012/150 Accepted: 15 August, 2012
Applicant: **LongReach Plant Breeders Management Pty Ltd**, Lonsdale, SA.

‘LongReach Gazelle’ syn LRPB Gazelle

Application No: 2012/153 Accepted: 17 September, 2012
Applicant: **Allied Mills & Arnotts Biscuits Ltd.**
Agent: **LongReach Plant Breeders Management Pty Ltd**, Lonsdale, SA.

‘LongReach Phantom’ syn LRPB Phantom

Application No: 2012/151 Accepted: 15 August, 2012
Applicant: **LongReach Plant Breeders Management Pty Ltd**, Lonsdale, SA.

‘Shield’

Application No: 2012/141 Accepted: 16 August, 2012
Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

Tulbaghia hybrid

TULBAGHIA, WILD GARLIC

‘Dark Star’

Application No: 2012/121 Accepted: 1 August, 2012
Applicant: **Plant Growers Australia.**
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

‘Milky Way’

Application No: 2012/122 Accepted: 1 August, 2012
Applicant: **Plant Growers Australia.**
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Vaccinium corymbosum x *V.angustifolium* x *V.virgatum*

BLUEBERRY

‘EB 8-1’

Application No: 2012/116 Accepted: 13 July, 2012

Applicant: **Rolfe Nominees Pty Ltd and Prunus Persica Pty Ltd.**

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

‘EB 8-17’

Application No: 2012/114 Accepted: 13 July, 2012

Applicant: **Rolfe Nominees Pty Ltd and Prunus Persica Pty Ltd.**

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

‘EB 8-30’

Application No: 2012/115 Accepted: 13 July, 2012

Applicant: **Rolfe Nominees Pty Ltd and Prunus Persica Pty Ltd.**

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

‘EB 8-42’

Application No: 2012/113 Accepted: 13 July, 2012

Applicant: **Rolfe Nominees Pty Ltd and Prunus Persica Pty Ltd.**

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

Vicia sativa

COMMON VETCH

‘Timok’

Application No: 2012/172 Accepted: 20 September, 2012

Applicant: **Minister of Agriculture and Fisheries as represented by SARDI, , SA.**

Vitis vinifera

GRAPE VINE

‘SUGRATHIRTYSIX’ syn SUGRA36

Application No: 2012/111 Accepted: 26 July, 2012

Applicant: **Sun World International LLC.**

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

Variety Descriptions

<u>Common (Genus Species)</u>	<u>Variety</u>	<u>Title Holder</u>
<u>Kiwifruit</u> <u>(Actinidia chinensis)</u>	W47	Donald Alfred Skelton
<u>Kiwifruit</u> <u>(Actinidia chinensis)</u>	S600	Donald Alfred Skelton
<u>Kiwifruit</u> <u>(Actinidia chinensis)</u>	X60	Donald Alfred Skelton
<u>Kiwifruit</u> <u>(Actinidia chinensis)</u>	Z487	Donald Alfred Skelton
<u>Kiwifruit</u> <u>(Actinidia chinensis)</u>	W45	Donald Alfred Skelton
<u>Kiwifruit</u> <u>(Actinidia chinensis)</u>	Y118	Donald Alfred Skelton
<u>Aloe (Aloe hybrid)</u>	Fairy Pink	Leo Peter Erik Thamm
<u>Aloe (Aloe hybrid)</u>	Always Red	Leo Peter Erik Thamm
<u>Aloe (Aloe hybrid)</u>	LEO 4120	Leo Peter Erik Thamm
<u>Aloe (Aloe hybrid)</u>	LEO 1730	Leo Peter Erik Thamm
<u>Aloe (Aloe hybrid)</u>	LEO 8547	Leo Peter Erik Thamm
<u>Aloe (Aloe hybrid)</u>	LEO 3676B	Leo Peter Erik Thamm

<u>Alyogyne</u> <u>(Alyogyne huegelii x hakeifolia)</u>	Delightfully Double	Plant Growers Australia
<u>Tassel Cord Rush</u> <u>(Baloskion tetraphyllum)</u>	BUNNAN	SPROCZ Pty Ltd
<u>Canola (Brassica napus)</u>	44C79	Pioneer Hi-Bred International, Inc.
<u>Canola (Brassica napus)</u>	43C80	Pioneer Hi-Bred International, Inc.
<u>Canola (Brassica napus)</u>	Jackpot TT	Pacific Seeds Pty Ltd
<u>Bottlebrush</u> <u>(Callistemon viminalis)</u>	Little Silver	Terence Charles Keogh
<u>Bottlebrush</u> <u>(Callistemon viminalis)</u>	Little Caroline	Terence Charles Keogh
<u>Buffel Grass</u> <u>(Cenchrus ciliaris)</u>	Lakota	Pogue Agri Partners, Inc and Antonio Narro Autonomous Agrarian University
<u>Waxflower</u> <u>(Chamelaucium hybrid)</u>	Raspberry Ripple	Goldsash Pty Ltd
<u>Waxflower</u> <u>(Chamelaucium hybrid)</u>	WX 74	Western Australian Agriculture Authority
<u>Waxflower</u> <u>(Chamelaucium hybrid)</u>	Strawberry Surprise	Goldsash Pty Ltd
<u>Waxflower</u> <u>(Chamelaucium megalopetalum x uncinatum)</u>	WX 56	Western Australian Agriculture Authority

<u>Waxflower</u> <u>(<i>Chamelaucium megalopetalum x uncinatum</i>)</u>	WX 58	Western Australian Agriculture Authority
<u>Waxflower</u> <u>(<i>Chamelaucium uncinatum</i>)</u>	WF MIM 5	Goldsash Pty Ltd
<u>Waxflower</u> <u>(<i>Chamelaucium uncinatum x C. megalopetalum</i>)</u>	WX 87	Western Australian Agriculture Authority
<u>Mandarin (<i>Citrus reticulata</i>)</u>	Moria	The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation
<u>Mandarin (<i>Citrus reticulata</i>)</u>	Orri	The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation
<u>Mandarin (<i>Citrus reticulata</i>)</u>	Nectar	The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation
<u>Tangor (<i>Citrus reticulata x Citrus sinensis</i>)</u>	Tacle	Istituto Sperimentale per L'Agrumicoltura
<u>Cabbage Tree</u> <u>(<i>Cordyline australis x C. banksii</i>)</u>	LEL C04	Lyder Enterprises Limited
<u>Cabbage Tree</u> <u>(<i>Cordyline australis x C. banksii</i>)</u>	LEL C02	Lyder Enterprises Limited

<u>Cordyline</u> <u>(Cordyline australis x C. banksii)</u>	LEL C01	Lyder Enterprises Limited
<u>Cabbage Tree</u> <u>(Cordyline australis x C. banksii)</u>	LEL C03	Lyder Enterprises Limited
<u>Cordyline</u> <u>(Cordyline hybrid)</u>	CorBzr01	Mark Jury Nursery
<u>Melon (Cucumis melo)</u>	HDO393502	Seminis Vegetable Seeds Inc
<u>Melon (Cucumis melo)</u>	HDO393501	Seminis Vegetable Seeds, Inc.
<u>Melon (Cucumis melo)</u>	PS 03935152	Seminis Vegetable Seeds, Inc.
<u>Melon (Cucumis melo)</u>	PX 14556354	Seminis Vegetable Seeds Inc
<u>Melon (Cucumis melo)</u>	MZZ1456030	Seminis Vegetable Seeds Inc
<u>Melon (Cucumis melo)</u>	MZZ1456043	Seminis Vegetable Seeds Inc
<u>Daphne (Daphne x transatlantica)</u>	BLAPINK	Anthony Robin White and Susan Barbara White
<u>Strawberry (Fragaria xananassa)</u>	DrisStrawSeventeen	Driscoll Strawberry Associates, Inc.
<u>Strawberry (Fragaria xananassa)</u>	Treasure Harvest	Top Berries, LLC
<u>Strawberry (Fragaria xananassa)</u>	Sweet Ann	Lassen Canyon Nursery, Inc
<u>Grevillea (Grevillea juniperina)</u>	H22	Ozbreed Pty Ltd

<u>Spidernet Grevillea (<i>Grevillea preissii</i>)</u>	Green Seaspray	George A Lullfitz
<u>Barley (<i>Hordeum vulgare</i>)</u>	VT Admiral	Adelaide Research & Innovation Pty Ltd, Grains Research & Development Corporation
<u>Barley (<i>Hordeum vulgare</i>)</u>	SY Rattler	Syngenta Seeds Ltd
<u>Barley (<i>Hordeum vulgare</i>)</u>	Navigator	Adelaide Research & Innovation Pty Ltd, Grains Research & Development Corporation
<u>Barley (<i>Hordeum vulgare</i>)</u>	Skipper Australia	Adelaide Research & Innovation Pty Ltd, Grains Research & Development Corporation
<u>Barley (<i>Hordeum vulgare</i>)</u>	Fathom	Adelaide Research & Innovation Pty Ltd, Grains Research & Development Corporation
<u>Barley (<i>Hordeum vulgare</i>)</u>	WIMMERA	Agriculture Victoria Services Pty Ltd, Grains Research & Development Corporation
<u>Impatiens (<i>Impatiens hybrid</i>)</u>	SAKIMP005S	Sakata Seed Corporation
<u>Lettuce (<i>Lactuca sativa</i>)</u>	Duplex	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
<u>Spiny Headed Mat Rush (<i>Lomandra longifolia</i>)</u>	NPW3	Ozbreed Pty Ltd

<u>Apple (<i>Malus domestica</i>)</u>	ARIANE	INRA - Institut National de la Recherche Agronomique
<u>Melaleuca (<i>Melaleuca ringens</i>)</u>	RingpenGL	George A Lullfitz
<u>Michelia (<i>Michelia hybrid</i>)</u>	MicJur01	M C Jury
<u>Coastal Daisy bush (<i>Olearia axillaris</i>)</u>	Little Silver	George A Lullfitz
<u>Rice (<i>Oryza sativa</i>)</u>	VGR501	Vita Grain Pte Ltd
<u>Protea (<i>Protea compacta</i>)</u>	Pink Cream	Glenda Nielson
<u>Protea (<i>Protea compacta</i>)</u>	Stately	Glenda Nielson
<u>Sweet Cherry (<i>Prunus avium</i>)</u>	Royal Lynn	Zaiger's Inc. Genetics
<u>Nectarine (<i>Prunus persica var nucipersica</i>)</u>	Sugarine 1	Lowell G. Bradford
<u>Rose (<i>Rosa hybrid</i>)</u>	Rockliz	R T and B E Inverarity
<u>Rose (<i>Rosa hybrid</i>)</u>	WEKcocbeb	Weeks Roses Ltd
<u>Rose (<i>Rosa hybrid</i>)</u>	WEKbipsboul	Weeks Roses Ltd
<u>Rose (<i>Rosa hybrid</i>)</u>	WEKsmopur	Weeks Roses Ltd
<u>Sugarcane (<i>Saccharum hybrid</i>)</u>	Q244	BSES Limited
<u>Sugarcane (<i>Saccharum hybrid</i>)</u>	Q249	BSES Limited

<u>Sugarcane</u> <u>(<i>Saccharum</i></u> <u>hybrid)</u>	Q251	BSES Limited
<u>Sugarcane</u> <u>(<i>Saccharum</i></u> <u>hybrid)</u>	Q250	BSES Limited
<u>Potato (<i>Solanum</i></u> <u>tuberosum)</u>	Neptune	HZPC Holland B.V.
<u>Potato (<i>Solanum</i></u> <u>tuberosum)</u>	Laurene	HZPC Holland B.V.
<u>Potato (<i>Solanum</i></u> <u>tuberosum)</u>	Marilyn	HZPC Holland B.V.
<u>Potato (<i>Solanum</i></u> <u>tuberosum)</u>	Sifra	HZPC Holland B.V. and C.J. Biemond
<u>Potato (<i>Solanum</i></u> <u>tuberosum)</u>	Crisp4all	HZPC Holland B.V.
<u>Potato (<i>Solanum</i></u> <u>tuberosum)</u>	Taurus	HZPC Holland B.V.
<u>lasiandra</u> <u>(<i>Tibouchina</i></u> <u>urvilleana)</u>	TB01	Dawn Rothay Nurseries
<u>Coastal</u> <u>Rosemary</u> <u>(<i>Westringia</i></u> <u>fruticosa)</u>	WES04	NuFlora International Pty Ltd
<u>Coastal</u> <u>Rosemary</u> <u>(<i>Westringia</i></u> <u>hybrid)</u>	WES03	NuFlora International Pty Ltd
<u>Coastal</u> <u>Rosemary</u> <u>(<i>Westringia</i></u> <u>hybrid)</u>	WES02	NuFlora International Pty Ltd

Plant Varieties Journal - Search Result Details

Aloe (*Aloe hybrid*)**Variety:** 'Fairy Pink'**Synonym:** N/A**Application no:** 2008/069**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Mar-2008**Accepted:** 22-Apr-2008**Granted:** N/A

Description published in Plant Varieties Journal: Volume 25, Issue 3

Title Holder: Leo Peter Erik Thamm**Agent:** Michael Dent**Telephone:** 0733712986**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Aloe (*Aloe hybrid*)**Variety:** 'Always Red'**Synonym:** N/A**Application no:** 2008/070**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Mar-2008**Accepted:** 22-Apr-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Varieties Journal:****Title Holder:** Leo Peter Erik Thamm**Agent:** Michael Dent**Telephone:** 0733712986**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Aloe (*Aloe hybrid*)**Variety:** 'LEO 4120'**Synonym:** Topaz**Application no:** 2008/355**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Nov-2008**Accepted:** 18-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Journal:****Title Holder:** Leo Peter Erik Thamm**Agent:** Michael Dent**Telephone:** 0733712986**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Aloe (*Aloe hybrid*)

Variety: 'LEO 1730'
Synonym: Southern Cross

Application no: 2008/353

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Nov-2008

Accepted: 18-Dec-2008

Granted: N/A

Description published

in Plant Varieties Journal: Volume 25, Issue 3

Journal:

Title Holder: Leo Peter Erik Thamm

Agent: Michael Dent

Telephone: 0733712986

Fax: N/A

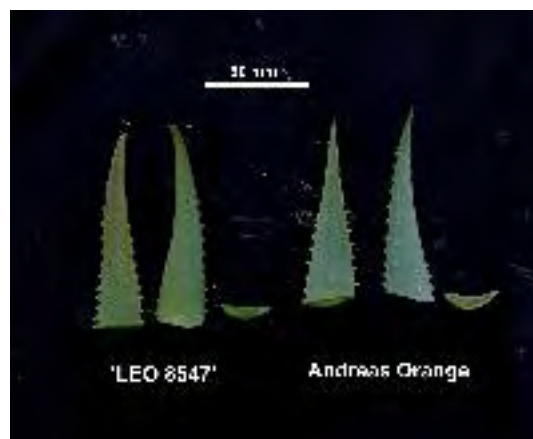
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Aloe (*Aloe hybrid*)**Variety:** 'LEO 8547'**Synonym:** Gemini**Application no:** 2008/354**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Nov-2008**Accepted:** 18-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Varieties Journal:****Title Holder:** Leo Peter Erik Thamm**Agent:** Michael Dent**Telephone:** 0733712986**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Aloe (*Aloe hybrid*)

Variety: 'LEO 3676B'
Synonym: Copper Shower

Application no: 2008/351

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Nov-2008

Accepted: 18-Dec-2008

Granted: N/A

Description published

in Plant Varieties Journal: Volume 25, Issue 3

Description published

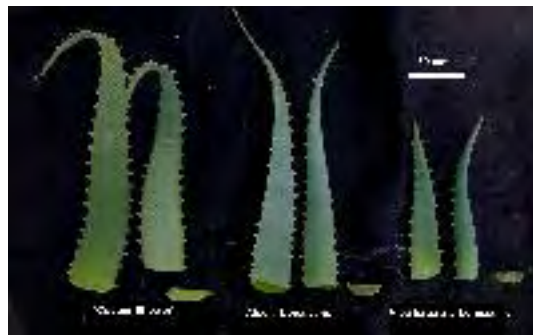
Title Holder: Leo Peter Erik Thamm

Agent: Michael Dent

Telephone: 0733712986

Fax: N/A

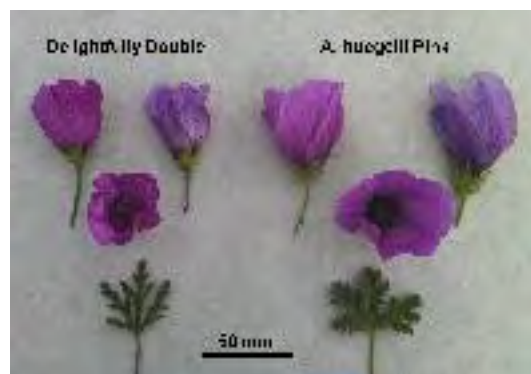
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Alyogyne (*Alyogyne huegelii* x *hakeifolia*)**Variety:** 'Delightfully Double'**Synonym:** N/A**Application no:** 2010/218**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Sep-2010**Accepted:** 17-Nov-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Plant Growers Australia**Agent:** Plants Management Australia Pty. Ltd.**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

Apple (*Malus domestica*)**Variety:** 'ARIANE'**Synonym:** N/A**Application
no:** 2008/074**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 07-Mar-2008**Accepted:** 10-Aug-2008**Granted:** N/A**Description
published
in Plant** Volume 25, Issue 3**Varieties
Journal:****Title Holder:** INRA - Institut National de la Recherche
Agronomique**Agent:** Watermark Patent & Trade Mark Attorneys**Telephone:** 0398191664**Fax:** 0398196010

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



Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)**Variety:** 'VT Admiral'**Synonym:** N/A**Application no:** 2011/139**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Jun-2011**Accepted:** 23-Sep-2011**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Adelaide Research & Innovation Pty Ltd, Grains Research & Development Corporation**Agent:** Adelaide Research & Innovation Pty Ltd**Telephone:** 0883033480**Fax:** 0883034355

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



Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)**Variety:** 'SY Rattler'**Synonym:** N/A**Application no:** 2011/056**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Apr-2011**Accepted:** 05-Oct-2011**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Syngenta Seeds Ltd**Agent:** GrainSearch Pty Ltd**Telephone:** 0353314943**Fax:** 0353312780

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



Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)**Variety:** 'Navigator'**Synonym:** N/A**Application no:** 2011/140**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Jun-2011**Accepted:** 23-Sep-2011**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Adelaide Research & Innovation Pty Ltd, Grains Research & Development Corporation**Agent:** Adelaide Research & Innovation Pty Ltd**Telephone:** 0883033480**Fax:** 0883034355

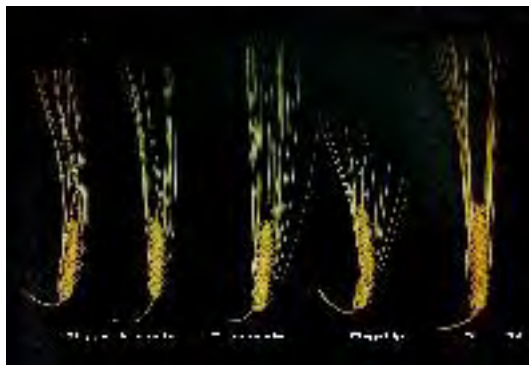
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)**Variety:** 'Skipper Australia'**Synonym:** N/A**Application no:** 2011/142**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Jun-2011**Accepted:** 23-Sep-2011**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Adelaide Research & Innovation Pty Ltd, Grains Research & Development Corporation**Agent:** Adelaide Research & Innovation Pty Ltd**Telephone:** 0883033480**Fax:** 0883034355

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



Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)**Variety:** 'Fathom'**Synonym:** N/A**Application no:** 2011/141**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Jun-2011**Accepted:** 23-Sep-2011**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Adelaide Research & Innovation Pty Ltd, Grains Research & Development Corporation**Agent:** Adelaide Research & Innovation Pty Ltd**Telephone:** 0883033480**Fax:** 0883034355

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



Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)**Variety:** 'WIMMERA'**Synonym:** N/A**Application no:** 2011/221**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 04-Oct-2011**Accepted:** 04-Nov-2011**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Varieties Journal:****Title Holder:** Agriculture Victoria Services Pty Ltd, Grains Research & Development Corporation**Agent:** N/A**Telephone:** 0392174138**Fax:** 0392174161

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



Plant Varieties Journal - Search Result Details

Bottlebrush (*Callistemon viminalis*)**Variety:** 'Little Silver'**Synonym:** N/A**Application no:** 2008/248**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-Aug-2008**Accepted:** 29-Aug-2008**Granted:** N/A**Description****published****in Plant** Volume 25, Issue 3**Varieties****Journal:****Title Holder:** Terence Charles Keogh**Agent:** N/A**Telephone:** 0738299608**Fax:** 0738299619

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



Plant Varieties Journal - Search Result Details

Bottlebrush (*Callistemon viminalis*)**Variety:** 'Little Caroline'**Synonym:** N/A**Application no:** 2009/045**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Mar-2009**Accepted:** 10-Apr-2009**Granted:** N/A**Description****published****in Plant** Volume 25, Issue 3**Varieties****Journal:****Title Holder:** Terence Charles Keogh**Agent:** N/A**Telephone:** 0738299608**Fax:** 0738299619

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



Plant Varieties Journal - Search Result Details

Buffel Grass (*Cenchrus ciliaris*)

Variety: 'Lakota'
Synonym: Cool Buff

Application no: 2012/056

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Mar-2012

Accepted: 10-Apr-2012

Granted: N/A

Description published in Plant Varieties Journal: Volume 25, Issue 3

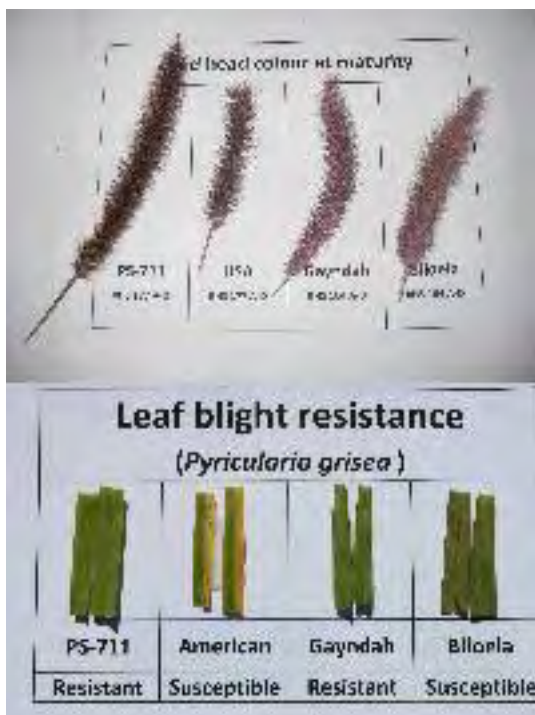
Title Holder: Pogue Agri Partners, Inc and Antonio Narro Autonomous Agrarian University

Agent: Heritage Seeds

Telephone: 0731375300

Fax: 0732170002

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



Plant Varieties Journal - Search Result Details

Cabbage Tree (*Cordyline australis* x *C. banksii*)**Variety:** 'LEL C03'**Synonym:** N/A**Application no:** 2007/332**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Dec-2007**Accepted:** 17-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Lyder Enterprises Limited**Agent:** Crop & Nursery Services**Telephone:** 0243810051**Fax:** 0285691896

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



Plant Varieties Journal - Search Result Details

Cabbage Tree (*Cordyline australis* x *C. banksii*)**Variety:** 'LEL C04'**Synonym:** Southern Splendour**Application no:** 2007/333**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Dec-2007**Accepted:** 17-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Lyder Enterprises Limited**Agent:** Crop & Nursery Services**Telephone:** 0243810051**Fax:** 0285691896

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



Plant Varieties Journal - Search Result Details

Cabbage Tree (*Cordyline australis* x *C. banksii*)**Variety:** 'LEL C02'**Synonym:** N/A**Application no:** 2007/331**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Dec-2007**Accepted:** 17-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Lyder Enterprises Limited**Agent:** Crop & Nursery Services**Telephone:** 0243810051**Fax:** 0285691896

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



Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)**Variety:** '44C79'**Synonym:** N/A**Application no:** 2009/051**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Mar-2009**Accepted:** 10-Apr-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Pioneer Hi-Bred International, Inc.**Agent:** Pioneer Hi-Bred Australia Pty Ltd**Telephone:** 0746379166**Fax:** 0746379177

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



Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)**Variety:** '43C80'**Synonym:** N/A**Application no:** 2009/052**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Mar-2009**Accepted:** 10-Apr-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Pioneer Hi-Bred International, Inc.**Agent:** Pioneer Hi-Bred Australia Pty Ltd**Telephone:** 0746379166**Fax:** 0746379177

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



Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)**Variety:** 'Jackpot TT'**Synonym:** N/A**Application no:** 2012/051**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Mar-2012**Accepted:** 18-Apr-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Pacific Seeds Pty Ltd**Agent:** N/A**Telephone:** 0746902666**Fax:** 0746301063

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



Plant Varieties Journal - Search Result Details

Coastal Daisy bush (*Olearia axillaris*)**Variety:** 'Little Silver'**Synonym:** N/A**Application no:** 2012/007**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Jan-2012**Accepted:** 02-Feb-2012**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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



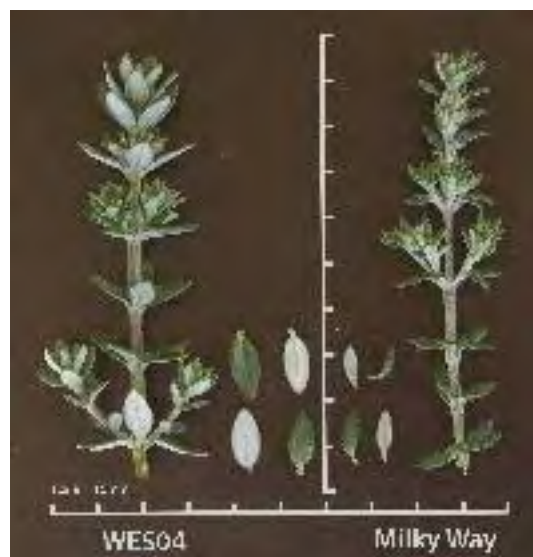
Plant Varieties Journal - Search Result Details

Coastal Rosemary (*Westringia fruticosa*)**Variety:** 'WES04'**Synonym:** N/A**Application no:** 2011/049**Current status:** Accepted**Certificate no:** N/A**Received:** 31-Mar-2011**Accepted:** 13-May-2011**Granted:** N/A

Description published in Plant Varieties Journal: Volume 25, Issue 3

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:** 'WES03'**Synonym:** N/A**Application no:** 2011/044**Current status:** Accepted**Certificate no:** N/A**Received:** 31-Mar-2011**Accepted:** 13-May-2011**Granted:** N/A**Description published in Plant Varieties** Volume 25, Issue 3**Journal:****Title Holder:** NuFlora International Pty Ltd**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

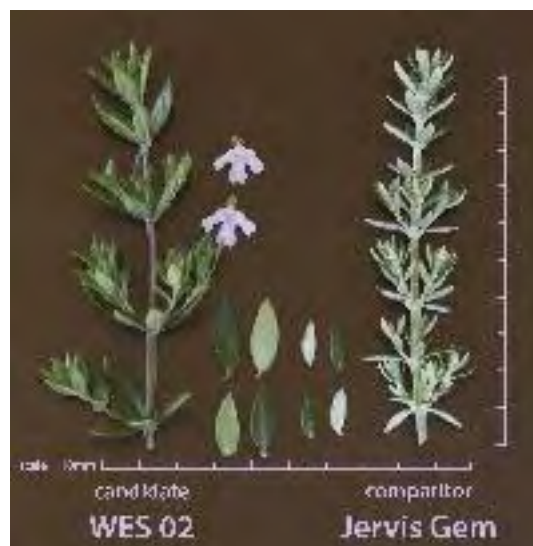
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Coastal Rosemary (*Westringia hybrid*)**Variety:** 'WES02'**Synonym:** N/A**Application no:** 2011/048**Current status:** Accepted**Certificate no:** N/A**Received:** 31-Mar-2011**Accepted:** 13-May-2011**Granted:** N/A**Description published in Plant Varieties** Volume 25, Issue 3**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

Cordyline (*Cordyline australis* x *C. banksii*)**Variety:** 'LEL C01'**Synonym:** Coral**Application no:** 2007/330**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Dec-2007**Accepted:** 17-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Lyder Enterprises Limited**Agent:** Crop & Nursery Services**Telephone:** 0243810051**Fax:** 0285691896

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



Plant Varieties Journal - Search Result Details

Cordyline (*Cordyline hybrid*)**Variety:** 'CorBzr01'**Synonym:** N/A**Application no:** 2011/091**Current status:** Accepted**Certificate no:** N/A**Received:** 15-May-2011**Accepted:** 26-Jul-2011**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Mark Jury Nursery**Agent:** Anthony Tesselaar Plants Pty Ltd**Telephone:** 0397379568**Fax:** 0397379899

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



Plant Varieties Journal - Search Result Details

Daphne (*Daphne x transatlantica*)**Variety:** 'BLAPINK'**Synonym:** Spring Pink Eternal Fragrance**Application no:** 2011/042**Current status:** Accepted**Certificate no:** N/A**Received:** 28-Mar-2011**Accepted:** 07-Jun-2011**Granted:** N/A**Description****published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Anthony Robin White and Susan Barbara White**Agent:** Plants Management Australia Pty Ltd**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

Grevillea (*Grevillea juniperina*)**Variety:** 'H22'**Synonym:** N/A**Application no:** 2010/228**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 28-Sep-2010**Accepted:** 27-Oct-2010**Granted:** N/A**Description****published****in Plant** Volume 25, Issue 3**Varieties****Journal:****Title Holder:** Ozbreed Pty Ltd**Agent:** N/A**Telephone:** 0245772977**Fax:** 0245877728

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



Plant Varieties Journal - Search Result Details

Impatiens (*Impatiens hybrid*)**Variety:** 'SAKIMP005S'**Synonym:** N/A**Application no:** 2012/067**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 05-Apr-2012**Accepted:** 02-Aug-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Journal:****Title Holder:** Sakata Seed Corporation**Agent:** Australian Horticultural Services Pty Ltd**Telephone:** 0359982083**Fax:** 0359982089

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



Plant Varieties Journal - Search Result Details

Kiwifruit (*Actinidia chinensis*)**Variety:** 'W47'**Synonym:** N/A**Application no:** 2010/306**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Dec-2010**Accepted:** 10-Feb-2011**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**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

Kiwifruit (*Actinidia chinensis*)**Variety:** 'S600'**Synonym:** N/A**Application no:** 2007/100**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Mar-2007**Accepted:** 04-May-2007**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**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

Kiwifruit (*Actinidia chinensis*)**Variety:** 'X60'**Synonym:** N/A**Application no:** 2007/103**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Mar-2007**Accepted:** 17-May-2007**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**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

Kiwifruit (*Actinidia chinensis*)**Variety:** 'Z487'**Synonym:** N/A**Application no:** 2008/151**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-May-2008**Accepted:** 02-Jul-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**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

Kiwifruit (*Actinidia chinensis*)**Variety:** 'W45'**Synonym:** N/A**Application no:** 2007/164**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Jun-2007**Accepted:** 23-Aug-2007**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**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

Kiwifruit (*Actinidia chinensis*)**Variety:** 'Y118'**Synonym:** N/A**Application no:** 2007/102**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Mar-2007**Accepted:** 09-May-2007**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**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

Iasiandra (*Tibouchina urvilleana*)**Variety:** 'TB01'**Synonym:** N/A**Application no:** 2010/209**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Sep-2010**Accepted:** 15-Dec-2010**Granted:** N/A**Description****published****in Plant** Volume 25, Issue 3**Varieties****Journal:****Title Holder:** Dawn Rothay Nurseries**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

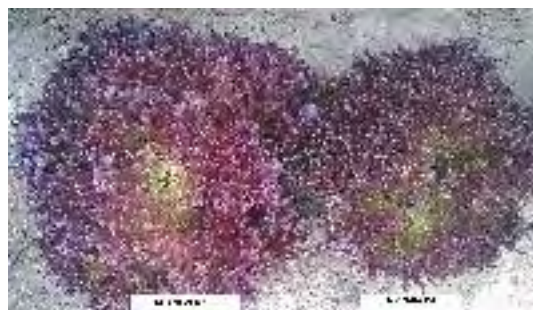
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'Duplex'**Synonym:** N/A**Application no:** 2011/286**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Dec-2011**Accepted:** 05-Jan-2012**Granted:** N/A**Description****published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Rijk Zwaan Zaadteelt en Zaadhandel B.V.**Agent:** Rijk Zwaan Australia Pty.**Telephone:** 0353485528**Fax:** 0353485530

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



Plant Varieties Journal - Search Result Details

Mandarin (*Citrus reticulata*)**Variety:** 'Moria'**Synonym:** N/A**Application no:** 2006/176**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Jul-2006**Accepted:** 26-Jul-2006**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Journal:****Title Holder:** The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation**Agent:** Australian Nurserymen's Fruit Improvement Company Limited**Telephone:** 0734919905**Fax:** 0734919929

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



Plant Varieties Journal - Search Result Details

Mandarin (*Citrus reticulata*)**Variety:** 'Orri'**Synonym:** N/A**Application no:** 2006/177**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Jul-2006**Accepted:** 26-Jul-2006**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Journal:****Title Holder:** The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation**Agent:** Australian Nurserymen's Fruit Improvement Company Limited**Telephone:** 0734919905**Fax:** 0734919929

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



Plant Varieties Journal - Search Result Details

Mandarin (*Citrus reticulata*)**Variety:** 'Nectar'**Synonym:** N/A**Application no:** 2009/191**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 04-Aug-2009**Accepted:** 11-Dec-2009**Granted:** N/A

Description published in Plant Varieties Journal: Volume 25, Issue 3

Title Holder: The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation

Agent: Australian Nurserymen's Fruit Improvement Company Limited

Telephone: 0734919905

Fax: 0734919929

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



Plant Varieties Journal - Search Result Details

Melaleuca (*Melaleuca ringens*)**Variety:** 'RingpenGL'**Synonym:** N/A**Application no:** 2010/201**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Sep-2010**Accepted:** 24-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Varieties Journal:****Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

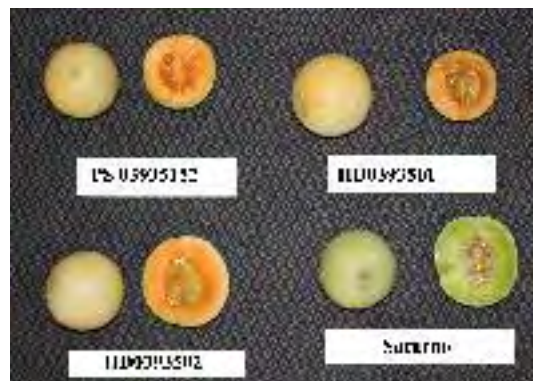
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'HDO393502'**Synonym:** N/A**Application no:** 2011/332**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Dec-2011**Accepted:** 25-Jan-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Seminis Vegetable Seeds Inc**Agent:** Monsanto Australia Limited**Telephone:** 0394818300**Fax:** 0394818333

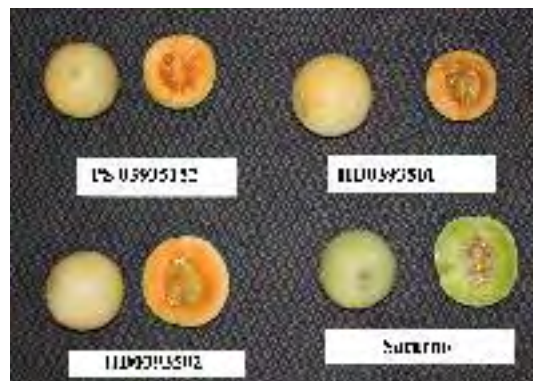
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'HDO393501'**Synonym:** N/A**Application no:** 2011/331**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Dec-2011**Accepted:** 25-Jan-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Seminis Vegetable Seeds, Inc.**Agent:** Monsanto Australia Limited**Telephone:** 0395227121**Fax:** 0395226121

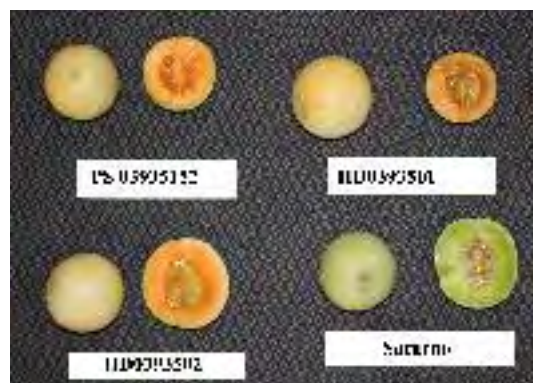
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'PS 03935152'**Synonym:** N/A**Application no:** 2011/330**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Dec-2011**Accepted:** 25-Jan-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Seminis Vegetable Seeds, Inc.**Agent:** Monsanto Australia Limited**Telephone:** 0395227121**Fax:** 0395226121

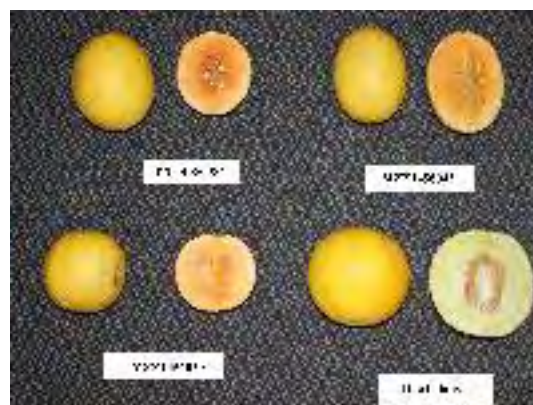
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'PX 14556354'**Synonym:** BLISSBOMB**Application no:** 2011/327**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Dec-2011**Accepted:** 21-Feb-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Seminis Vegetable Seeds Inc**Agent:** Monsanto Australia Limited**Telephone:** 0394818300**Fax:** 0394818333

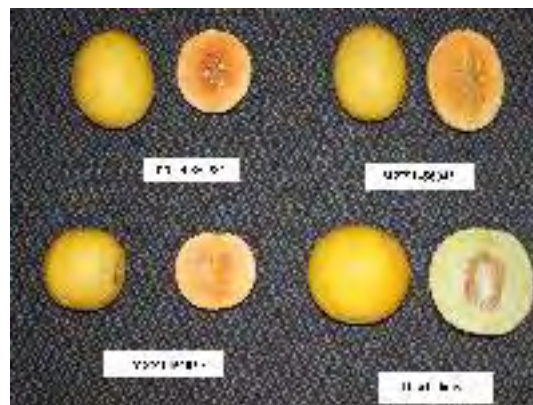
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'MZZ1456030'**Synonym:** N/A**Application no:** 2011/329**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Dec-2011**Accepted:** 21-Feb-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Seminis Vegetable Seeds Inc**Agent:** Monsanto Australia Limited**Telephone:** 0394818300**Fax:** 0394818333

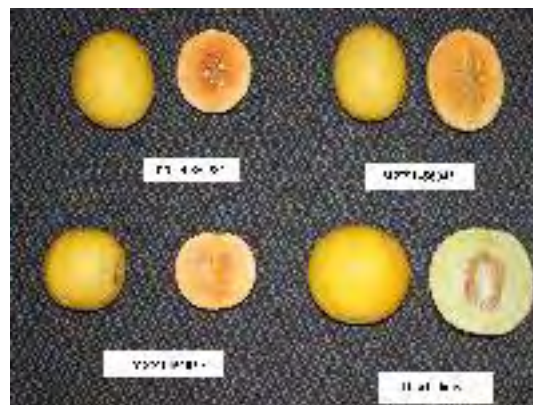
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'MZZ1456043'**Synonym:** N/A**Application no:** 2011/328**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Dec-2011**Accepted:** 25-Jan-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Seminis Vegetable Seeds Inc**Agent:** Monsanto Australia Limited**Telephone:** 0394818300**Fax:** 0394818333

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



Plant Varieties Journal - Search Result Details

Michelia (*Michelia hybrid*)**Variety:** 'MicJur01'**Synonym:** N/A**Application no:** 2009/184**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Jul-2009**Accepted:** 27-Oct-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** M C Jury**Agent:** Anthony Tesselaar Plants Pty Ltd**Telephone:** 0397379568**Fax:** 0397379899

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



Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var *nucipersica*)

Variety: 'Sugarine 1'
Synonym: Ruby Sugarine

Application no: 2012/010

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Jan-2012

Accepted: 16-May-2012

Granted: N/A

Description published in Plant Varieties Journal: Volume 25, Issue 3

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

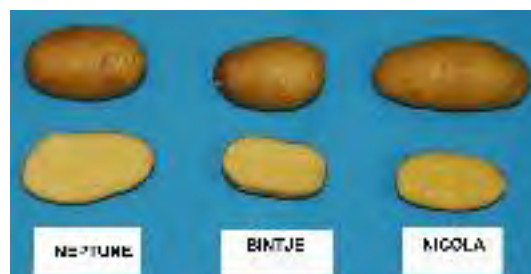
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Neptune'**Synonym:** N/A**Application no:** 2010/013**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jan-2010**Accepted:** 04-Jun-2010**Granted:** N/A**Description****published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** HZPC Holland B.V.**Agent:** Harvest Moon Pty Ltd**Telephone:** 0364282505**Fax:** 0364282952

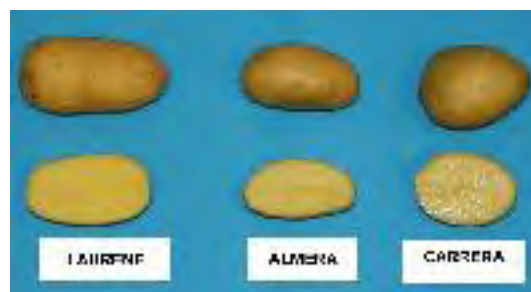
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Laurene'**Synonym:** N/A**Application no:** 2010/015**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jan-2010**Accepted:** 04-Jun-2010**Granted:** N/A**Description****published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** HZPC Holland B.V.**Agent:** Harvest Moon Pty Ltd**Telephone:** 0364282505**Fax:** 0364282952

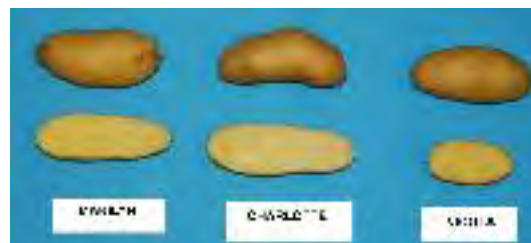
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Marilyn'**Synonym:** N/A**Application no:** 2010/014**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jan-2010**Accepted:** 04-Jun-2010**Granted:** N/A**Description****published****in Plant** Volume 25, Issue 3**Varieties****Journal:****Title Holder:** HZPC Holland B.V.**Agent:** Harvest Moon Pty Ltd**Telephone:** 0364282505**Fax:** 0364282952

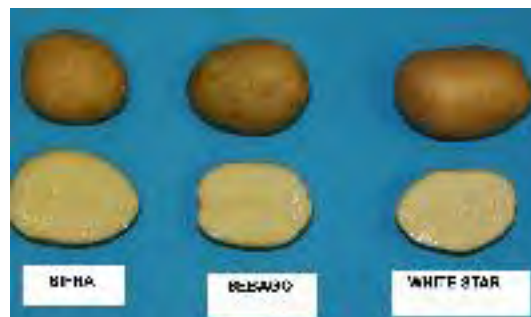
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Sifra'**Synonym:** Sienna**Application no:** 2010/020**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jan-2010**Accepted:** 04-Jun-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** HZPC Holland B.V. and C.J. Biemond**Agent:** Harvest Moon, Forth Farm Produce Pty. Ltd**Telephone:** 6136428250**Fax:** 6136428295

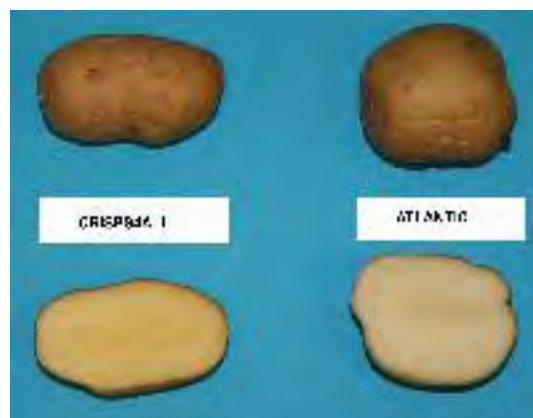
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Crisp4all'**Synonym:** N/A**Application no:** 2010/018**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jan-2010**Accepted:** 04-Jun-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** HZPC Holland B.V.**Agent:** Harvest Moon Pty Ltd**Telephone:** 0364282505**Fax:** 0364282952

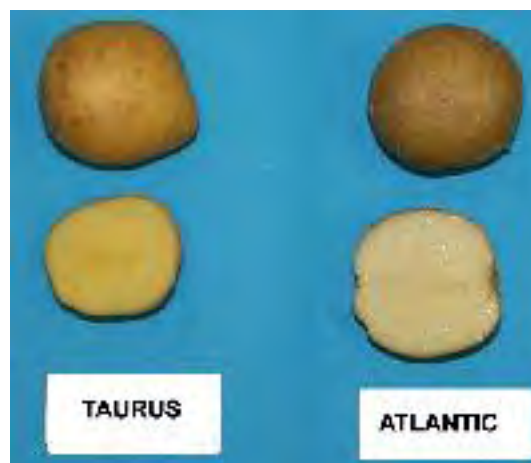
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Taurus'**Synonym:** N/A**Application no:** 2010/017**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Jan-2010**Accepted:** 04-Jun-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Varieties Journal:****Title Holder:** HZPC Holland B.V.**Agent:** Harvest Moon Pty Ltd**Telephone:** 0364282505**Fax:** 0364282952

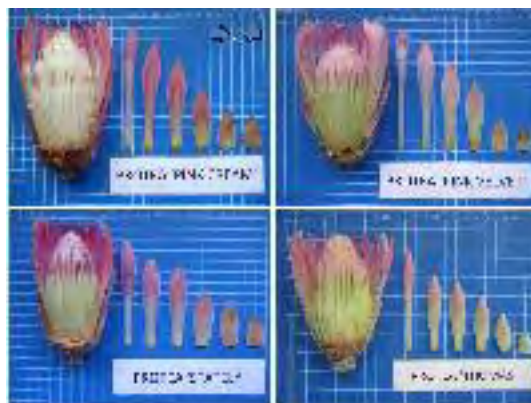
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Protea (*Protea compacta*)**Variety:** 'Pink Cream'**Synonym:** N/A**Application no:** 2009/298**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Oct-2009**Accepted:** 11-Dec-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Glenda Nielson**Agent:** N/A**Telephone:** 0398870425**Fax:** N/A

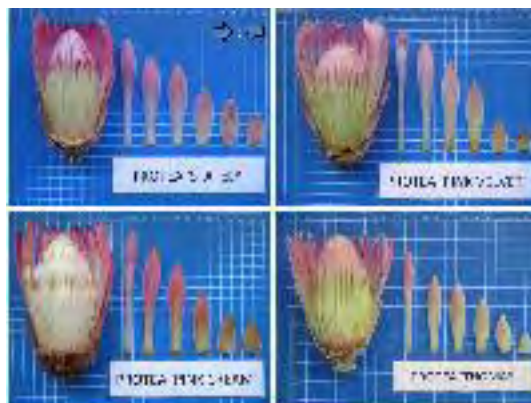
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Protea (*Protea compacta*)**Variety:** 'Stately'**Synonym:** N/A**Application no:** 2009/297**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Oct-2009**Accepted:** 11-Dec-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Glenda Nielson**Agent:** N/A**Telephone:** 0398870425**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Rice (*Oryza sativa*)**Variety:** 'VGR501'**Synonym:** N/A**Application no:** 2011/086**Current status:** Accepted**Certificate no:** N/A**Received:** 13-May-2011**Accepted:** 23-Jun-2011**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Vita Grain Pte Ltd**Agent:** Dr. Abdul Mutakabbir Chaudhury**Telephone:** 0262311774**Fax:** N/A

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Rockliz'**Synonym:** N/A**Application no:** 2006/040**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Mar-2006**Accepted:** 24-Mar-2006**Granted:** N/A**Description****published****in Plant** Volume 25, Issue 3**Varieties****Journal:****Title Holder:** R T and B E Inverarity**Agent:** N/A**Telephone:** 0353457232**Fax:** 0353457567

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'WEKcocbeb'**Synonym:** Topsy Turvy**Application no:** 2009/221**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 01-Sep-2009**Accepted:** 13-Apr-2010**Granted:** N/A

Description published in Plant Varieties Journal: Volume 25, Issue 3

Title Holder: Weeks Roses Ltd**Agent:** Swanes Nurseries Australia Pty Ltd**Telephone:** 0296511322**Fax:** 0296512146

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'WEKbipsboul'**Synonym:** MyHero**Application no:** 2009/188**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Jul-2009**Accepted:** 09-Nov-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Weeks Roses Ltd**Agent:** Swane's Nurseries Australia Pty Ltd**Telephone:** 0296511322**Fax:** 0296512146

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'WEKsmopur'**Synonym:** Ebb Tide**Application no:** 2009/183**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Jul-2009**Accepted:** 13-Apr-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Weeks Roses Ltd**Agent:** Swane's Nurseries Australia Pty Ltd**Telephone:** 0296511322**Fax:** 0296512146

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



Plant Varieties Journal - Search Result Details

Spidernet Grevillea (*Grevillea preissii*)**Variety:** 'Green Seaspray'**Synonym:** N/A**Application no:** 2012/003**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Jan-2012**Accepted:** 02-Feb-2012**Granted:** N/A**Description****published****in Plant** Volume 25, Issue 3**Varieties****Journal:****Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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



Plant Varieties Journal - Search Result Details

Spiny Headed Mat Rush (*Lomandra longifolia*)**Variety:** 'NPW3'**Synonym:** N/A**Application no:** 2010/197**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Aug-2010**Accepted:** 24-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Varieties Journal:****Title Holder:** Ozbreed Pty Ltd**Agent:** N/A**Telephone:** 0245772977**Fax:** 0245877728

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



Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)**Variety:** 'DrisStrawSeventeen'**Synonym:** N/A**Application no:** 2010/184**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Aug-2010**Accepted:** 12-Oct-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Description published****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

Strawberry (*Fragaria xananassa*)**Variety:** 'Treasure Harvest'**Synonym:** N/A**Application no:** 2011/046**Current status:** Accepted**Certificate no:** N/A**Received:** 30-Mar-2011**Accepted:** 04-May-2011**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Description published****Title Holder:** Top Berries, LLC**Agent:** The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry**Telephone:** 0732393498**Fax:** 0732393504

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



Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)**Variety:** 'Sweet Ann'**Synonym:** N/A**Application no:** 2012/179**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Sep-2012**Accepted:** 15-Oct-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Description published in Plant Varieties Journal:****Title Holder:** Lassen Canyon Nursery, Inc**Agent:** The State of Queensland acting through the Department of Agriculture, Forestry and Fisheries**Telephone:** 0732554465**Fax:** 0738466371

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)**Variety:** 'Q244'**Synonym:** BSES244**Application no:** 2011/166**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Jul-2011**Accepted:** 05-Sep-2011**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** BSES Limited**Agent:** N/A**Telephone:** 0749636805**Fax:** 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)**Variety:** 'Q249'**Synonym:** BSES249**Application no:** 2012/078**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Apr-2012**Accepted:** 02-May-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Journal:****Title Holder:** BSES Limited**Agent:** N/A**Telephone:** 0749636805**Fax:** 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)**Variety:** 'Q251'**Synonym:** BSES251**Application no:** 2012/081**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Apr-2012**Accepted:** 02-May-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** BSES Limited**Agent:** N/A**Telephone:** 0749636805**Fax:** 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)**Variety:** 'Q250'**Synonym:** BSES250**Application no:** 2012/080**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Apr-2012**Accepted:** 02-May-2012**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** BSES Limited**Agent:** N/A**Telephone:** 0749636805**Fax:** 0738710383

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



Plant Varieties Journal - Search Result Details

Sweet Cherry (*Prunus avium*)**Variety:** 'Royal Lynn'**Synonym:** N/A**Application no:** 2010/084**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Apr-2010**Accepted:** 25-May-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**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

Tangor (*Citrus reticulata* x *Citrus sinensis*)**Variety:** 'Tacle'**Synonym:** N/A**Application no:** 2004/064**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Feb-2004**Accepted:** 01-May-2004**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Varieties Journal:****Title Holder:** Istituto Sperimentale per L'Agrumicoltura**Agent:** Australian Nurserymen's Fruit Improvement Company Limited**Telephone:** 0734919905**Fax:** 0734919929

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



Plant Varieties Journal - Search Result Details

Tassel Cord Rush (*Baloskion tetraphyllum*)**Variety:** 'BUNNAN'**Synonym:** N/A**Application no:** 2011/315**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Dec-2011**Accepted:** 30-Jan-2012**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** SPROCZ Pty Ltd**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

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



Plant Varieties Journal - Search Result Details

Waxflower (*Chamelaucium hybrid*)**Variety:** 'Raspberry Ripple'**Synonym:** N/A**Application no:** 2009/120**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-May-2009**Accepted:** 26-Jun-2009**Granted:** N/A**Description****published****in Plant** Volume 25, Issue 3**Varieties****Journal:****Title Holder:** Goldsash Pty Ltd**Agent:** Western Flora**Telephone:** 0899525040**Fax:** 0899525053

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



Plant Varieties Journal - Search Result Details

Waxflower (*Chamelaucium hybrid*)**Variety:** 'WX 74'**Synonym:** N/A**Application no:** 2011/089**Current status:** Accepted**Certificate no:** N/A**Received:** 13-May-2011**Accepted:** 25-May-2011**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Description published****Title Holder:** Western Australian Agriculture Authority**Agent:** N/A**Telephone:** 0893683354**Fax:** 0893683814

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



Plant Varieties Journal - Search Result Details

Waxflower (*Chamelaucium hybrid*)**Variety:** 'Strawberry Surprise'**Synonym:** N/A**Application no:** 2009/122**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-May-2009**Accepted:** 26-Jun-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Varieties Journal:****Title Holder:** Goldsash Pty Ltd**Agent:** Western Flora**Telephone:** 0899525040**Fax:** 0899525053

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



Plant Varieties Journal - Search Result Details

Waxflower (*Chamelaucium megalopetalum* x *uncinatum*)**Variety:** 'WX 56'**Synonym:** N/A**Application no:** 2011/087**Current status:** Accepted**Certificate no:** N/A**Received:** 13-May-2011**Accepted:** 25-May-2011**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Western Australian Agriculture Authority**Agent:** N/A**Telephone:** 0893683354**Fax:** 0893683814

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



Plant Varieties Journal - Search Result Details

Waxflower (*Chamelaucium megalopetalum x uncinatum*)**Variety:** 'WX 58'**Synonym:** N/A**Application no:** 2011/090**Current status:** Accepted**Certificate no:** N/A**Received:** 13-May-2011**Accepted:** 25-May-2011**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Western Australian Agriculture Authority**Agent:** N/A**Telephone:** 0893683354**Fax:** 0893683814

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



Plant Varieties Journal - Search Result Details

Waxflower (*Chamelaucium uncinatum*)**Variety:** 'WF MIM 5'**Synonym:** Mim 5**Application no:** 2012/055**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Mar-2012**Accepted:** 21-May-2012**Granted:** N/A**Description****published****in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Goldsash Pty Ltd**Agent:** Western Flora**Telephone:** 0899525040**Fax:** 0899525053

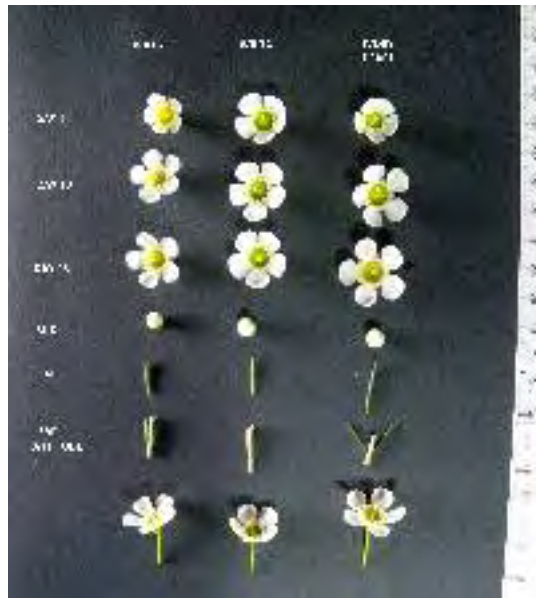
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Waxflower (*Chamelaucium uncinatum* x *C. megalopetalum*)**Variety:** 'WX 87'**Synonym:** N/A**Application no:** 2011/088**Current status:** Accepted**Certificate no:** N/A**Received:** 13-May-2011**Accepted:** 26-May-2011**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 25, Issue 3**Title Holder:** Western Australian Agriculture Authority**Agent:** N/A**Telephone:** 0893683354**Fax:** 0893683814

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



Details of Application

Application Number	2008/069
Variety Name	'Fairy Pink'
Genus Species	<i>Aloe</i> hybrid
Common Name	Aloe
Synonym	Nil
Accepted Date	22 Apr 2008
Applicant	Leo Peter Erik Thamm, Randburg, South Africa
Agent	Michael Dent, Taringa, QLD
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Cranbourne, VIC, Australia
Descriptor	TG/ALOE (UPOV draft)
Period	Spring 2011 to Winter 2012
Conditions	Plants were grown in 15cm pots in a covered polyhouse with roll up 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 as part of a Centralised Testing Centre for Aloe
Measurements	Observations on the leaf were made on fully developed leaves from the middle part of the leaf rosette. The main colour is the colour of the largest surface area. The secondary colour is the colour of the second largest surface area. Observations on the immature flower bud were made on buds in the upper third of the raceme. Observations on the mature flower bud were made when the flower bud was fully expanded, prior to reflexing of the tepals. Observations on the flower and flower parts were made on fresh fully open flowers. Observations on the stamens were made shortly after dehiscence of the anthers.
RHS Chart - edition	Fifth Edition (2007)

Origin and Breeding

Controlled pollination: Aloe 'LEOaag' x Aloe 'LEOaal'. The seed parent was hand pollinated with pollen from the male parent, the seed harvested, sown, germinated and grown on. The candidate variety was selected from the resultant seedlings and vegetatively propagated to determine distinctness, uniformity and stability. Selection criteria: flower colour and plant habit. 'Fairy Pink' differs from its parent in plant and flower size. Breeder: Leo Thamm, South Africa.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	marginal teeth	present
Leaf	number of colours on upper side	one
Leaf	density of marginal teeth	dense
Leaf	size of marginal teeth	small
Terminal raceme	length of flowering part	short to medium

Terminal raceme

colour of bract

whitish

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Winter Bells'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Green Shark'	Plant habit Leaf serrations	upright large	spreading small	

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	'Fairy Pink'	'Winter Bells'
<input type="checkbox"/> Plant: length	medium to long	medium
<input type="checkbox"/> Plant: width	narrow	narrow
<input type="checkbox"/> Plant: number of inflorescences	very few	very few to few
<input checked="" type="checkbox"/> *Leaf: length	long to very long	medium
<input type="checkbox"/> *Leaf: width (at base)	narrow	narrow
<input type="checkbox"/> *Leaf: shape	narrow triangular	narrow triangular
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: curvature	strongly incurved to incurved	incurved
<input checked="" type="checkbox"/> Leaf: shape in cross section	concave	convex
<input type="checkbox"/> Leaf: shape of apex	sharply pointed	sharply pointed
<input type="checkbox"/> *Leaf: number of colours of upper side	one	one
<input type="checkbox"/> *Leaf: main colour of upper side	medium green	dark green
<input type="checkbox"/> *Leaf: marginal teeth	present	present
<input checked="" type="checkbox"/> *Leaf: colour of marginal teeth	green	red
<input type="checkbox"/> *Leaf: non-marginal spines or white tubercles	absent	absent
<input checked="" type="checkbox"/> *Inflorescence: branching	primary	absent
<input checked="" type="checkbox"/> *Inflorescence: number of racemes	two	one
<input checked="" type="checkbox"/> *Inflorescence: length	long	medium
<input checked="" type="checkbox"/> Peduncle: length	long	medium
<input checked="" type="checkbox"/> *Peduncle: colour	greenish	reddish
<input type="checkbox"/> *Lateral raceme: posture	upright	not recorded
<input type="checkbox"/> Terminal raceme: length of flowering part	short to medium	short to medium
<input type="checkbox"/> *Terminal raceme: shape	conical	conical
<input checked="" type="checkbox"/> *Terminal raceme: density of flowers	sparse	medium

<input type="checkbox"/>	Terminal raceme: size of flower bracts	small	small
<input checked="" type="checkbox"/>	Immature flower bud: main colour of pedicel	brownish	reddish
<input checked="" type="checkbox"/>	*Immature flower bud: main colour (RHS Colour Chart)	orange 27B	yellow-orange 20B
<input checked="" type="checkbox"/>	Immature flower bud: secondary colour (RHS Colour Chart)	red 36B	orange-red 30B
<input checked="" type="checkbox"/>	Mature flower bud: main colour of pedicel	greenish	reddish
<input type="checkbox"/>	*Mature flower bud: main colour (RHS Colour Chart)	white NN155A	not recorded
<input type="checkbox"/>	*Flower: basal swelling	weak	not recorded
<input type="checkbox"/>	Perianth: recurving of apex	medium	not recorded
<input type="checkbox"/>	*Outer perianth segment: main colour of outer side (RHS Colour Chart)	white N155A	not recorded
<input type="checkbox"/>	*Inner perianth segment: main colour of apex of inner side	white	not recorded
<input type="checkbox"/>	Stamen: protrusion in relation to apex of perianth segments	strong	not recorded
<input type="checkbox"/>	*Filament: anthocyanin colouration	absent	not recorded
<input checked="" type="checkbox"/>	*Time of: flowering	very early	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Fairy Pink’	‘Winter Bells’
<input type="checkbox"/> Leaf: density of marginal teeth	dense	not recorded
<input type="checkbox"/> Leaf: size of marginal teeth	small	small
<input type="checkbox"/> Terminal raceme: colour of bract	whitish	not recorded

Prior Applications and Sales

Nil

First sold in South Africa in Mar 2004.

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

Details of Application

Application Number	2008/070
Variety Name	'Always Red'
Genus Species	<i>Aloe</i> hybrid
Common Name	Aloe
Synonym	Nil
Accepted Date	22 Apr 2008
Applicant	Leo Peter Erik Thamm, Randburg, South Africa
Agent	Michael Dent, Taringa, QLD
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Cranbourne, VIC, Australia
Descriptor	TG/ALOE (UPOV draft)
Period	Spring 2011 to Winter 2012
Conditions	Plants were grown in 15cm pots in a covered polyhouse with roll up 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 as part of a Centralised Testing Centre for Aloe
Measurements	Observations on the leaf were made on fully developed leaves from the middle part of the leaf rosette. The main colour is the colour of the largest surface area. The secondary colour is the colour of the second largest surface area. Observations on the immature flower bud were made on buds in the upper third of the raceme. Observations on the mature flower bud were made when the flower bud was fully expanded, prior to reflexing of the tepals. Observations on the flower and flower parts were made on fresh fully open flowers. Observations on the stamens were made shortly after dehiscence of the anthers.

RHS Chart - edition Fifth Edition (2007)

Origin and Breeding

Controlled pollination followed by seedling selection: Aloe 'LEO 1970' x Aloe 'LEO 8559'. The seed parent was hand pollinated with pollen collected from pollen parent. The resulting seed was harvested, sown, germinated and grown on. The candidate variety was selected from the resultant seedlings and vegetatively propagated to determine distinctness, uniformity and stability. Selection criteria: plant habit, flower colour and flower timing. 'Always Red' differs from its parent in flower colour. Breeder: Leo Thamm, South Africa.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	number of colours of upper side	one
Leaf	marginal teeth	present
Terminal raceme	shape	conical
Outer perianth segment	main colour of outer side	orange red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Andreas Orange'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>Aloe glauca</i> (Blue Aloe)	leaf width at base	medium	broad	<i>Aloe glauca</i> has very broad leaf width at the base and is much broader than the candidate.

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

Organ/Plant Part: Context	'Always Red'	'Andreas Orange'
<input type="checkbox"/> Plant: length	medium	medium
<input checked="" type="checkbox"/> Plant: width	medium	narrow
<input type="checkbox"/> Plant: number of inflorescences	very few	very few
<input type="checkbox"/> *Leaf: length	short to medium	short to medium
<input type="checkbox"/> *Leaf: width (at base)	medium	medium
<input type="checkbox"/> *Leaf: shape	narrow triangular	narrow triangular
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: curvature	incurved to horizontal	incurved
<input type="checkbox"/> Leaf: shape in cross section	concave	concave
<input type="checkbox"/> Leaf: shape of apex	sharply pointed	sharply pointed
<input type="checkbox"/> *Leaf: number of colours of upper side	one	one
<input type="checkbox"/> *Leaf: main colour of upper side	medium green	medium green
<input type="checkbox"/> *Leaf: marginal teeth	present	present
<input checked="" type="checkbox"/> *Leaf: colour of marginal teeth	green	white
<input checked="" type="checkbox"/> *Leaf: non-marginal spines or white tubercles	lower side only	absent
<input type="checkbox"/> Leaf: distribution of non-marginal spines or white tubercles on lower side	over entire leaf	not recorded
<input type="checkbox"/> *Inflorescence: length	short to medium	short to medium
<input type="checkbox"/> Peduncle: length	short to medium	short to medium
<input type="checkbox"/> *Peduncle: colour	greenish	greenish
<input checked="" type="checkbox"/> Terminal raceme: length of flowering part	short to medium	medium to long
<input type="checkbox"/> *Terminal raceme: shape	conical	conical

<input type="checkbox"/>	*Terminal raceme: density of flowers	medium	medium
<input type="checkbox"/>	Terminal raceme: size of flower bracts	medium	medium
<input type="checkbox"/>	Immature flower bud: main colour of pedicel	greenish	greenish
<input checked="" type="checkbox"/>	*Immature flower bud: main colour (RHS Colour Chart)	greyed red 179A	greyed orange 167B
<input type="checkbox"/>	Mature flower bud: main colour of pedicel	greenish	not recorded
<input checked="" type="checkbox"/>	*Mature flower bud: main colour (RHS Colour Chart)	red 43A	orange red N30B
<input type="checkbox"/>	Pedicel: length	medium to long	medium to long
<input checked="" type="checkbox"/>	*Flower: basal swelling	weak to medium	very weak to weak
<input type="checkbox"/>	Perianth: length	long	long
<input type="checkbox"/>	Perianth: diameter	medium	medium
<input type="checkbox"/>	Perianth: recurving of apex	absent or slight	absent or slight
<input checked="" type="checkbox"/>	*Outer perianth segment: main colour of outer side (RHS Colour Chart)	orange red 32B	orange red 30C
<input type="checkbox"/>	*Inner perianth segment: main colour of apex of inner side	green	green
<input type="checkbox"/>	Stamen: protrusion in relation to apex of perianth segments	absent or weak	absent or weak
<input type="checkbox"/>	*Filament: anthocyanin colouration	absent	absent
<input type="checkbox"/>	*Time of: flowering	early to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Always Red’	‘Andreas Orange’
<input checked="" type="checkbox"/> Leaf: density of marginal teeth	dense	weak
<input type="checkbox"/> Leaf: size of marginal teeth	small	small
<input checked="" type="checkbox"/> Terminal raceme: colour of bract	reddish	whitish
<input type="checkbox"/> Leaf: shape of marginal teeth	slightly hooked	slightly hooked

Prior Applications and Sales

Nil

First sold in South Africa in April 2004.

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

Details of Application

Application Number	2008/355
Variety Name	'LEO 4120'
Genus Species	<i>Aloe</i> hybrid
Common Name	Aloe
Synonym	Topaz
Accepted Date	18 Dec 2008
Applicant	Leo Peter Erik Thamm, Randburg, South Africa
Agent	Michael Dent, Taringa, QLD
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Cranbourne, VIC, Australia
Descriptor	TG/ALOE (UPOV draft)
Period	Spring 2011 to Winter 2012
Conditions	Plants were grown in 15cm pots in a covered polyhouse with roll up 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 as part of a Centralised Testing Centre for Aloe.
Measurements	Observations on the leaf were made on fully developed leaves from the middle part of the leaf rosette. The main colour is the colour of the largest surface area. The secondary colour is the colour of the second largest surface area. Observations on the immature flower bud were made on buds in the upper third of the raceme. Observations on the mature flower bud were made when the flower bud was fully expanded, prior to reflexing of the tepals. Observations on the flower and flower parts were made on fresh fully open flowers. Observations on the stamens were made shortly after dehiscence of the anthers.
RHS Chart - edition	Fifth Edition (2007)

Origin and Breeding

Controlled pollination followed by seedling selection: Aloe 'LEO 1970' x *Aloe inyangensis*. The seed parent was hand pollinated with pollen collected from the selected species. The seed was harvested, sown, germinated and grown on. The candidate variety was selected from the resultant seedlings and vegetatively propagated to determine distinctness, uniformity and stability. Selection criteria: plant habit, flower magnitude, flower colour and length of flower period. 'LEO 4120' differs from its maternal parent in flower colour and from paternal parent in flowering period. Breeder: Leo Thamm, South Africa.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	number of colours of upper side	one
Leaf	marginal teeth	present

Outer perianth segment main colour of outer side orange-red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Aloe inyangensis</i>	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>Aloe cooperi</i>	Leaf holding of evergreen leaves		deciduous	

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	'LEO 4120'	<i>Aloe inyangensis</i>
<input type="checkbox"/> Plant: length	medium to long	medium
<input type="checkbox"/> Plant: width	medium to broad	medium to broad
<input type="checkbox"/> Plant: number of inflorescences	very few	very few
<input type="checkbox"/> *Leaf: length	very long	very long
<input checked="" type="checkbox"/> *Leaf: width (at base)	narrow	very narrow
<input type="checkbox"/> *Leaf: shape	narrow triangular	narrow triangular
<input type="checkbox"/> Leaf: thickness	thin	thin
<input type="checkbox"/> Leaf: curvature	horizontal to recurved	horizontal to recurved
<input type="checkbox"/> Leaf: shape in cross section	concave	concave
<input type="checkbox"/> Leaf: shape of apex	pointed	sharply pointed
<input type="checkbox"/> *Leaf: number of colours of upper side	one	one
<input type="checkbox"/> *Leaf: main colour of upper side	medium green	dark green
<input type="checkbox"/> *Leaf: marginal teeth	present	present
<input type="checkbox"/> *Leaf: colour of marginal teeth	green	green
<input type="checkbox"/> *Leaf: non-marginal spines or white tubercles	absent	absent
<input type="checkbox"/> *Inflorescence: branching	primary	absent
<input type="checkbox"/> *Inflorescence: number of racemes	two	two
<input checked="" type="checkbox"/> *Inflorescence: length	long to very long	medium
<input checked="" type="checkbox"/> Peduncle: length	long to very long	medium
<input type="checkbox"/> *Peduncle: colour	greenish	greenish
<input type="checkbox"/> *Lateral raceme: posture	upright	
<input type="checkbox"/> Terminal raceme: length of flowering part	short to medium	short

<input checked="" type="checkbox"/>	*Terminal raceme: shape	conical	cylindrical
<input type="checkbox"/>	*Terminal raceme: density of flowers	dense	medium to dense
<input type="checkbox"/>	Terminal raceme: size of flower bracts	large	large
<input type="checkbox"/>	Immature flower bud: main colour of pedicel	reddish	reddish
<input checked="" type="checkbox"/>	*Immature flower bud: main colour (RHS Colour Chart)	orange-red 31A	orange-red N32A
<input type="checkbox"/>	Mature flower bud: main colour of pedicel	reddish	reddish
<input checked="" type="checkbox"/>	*Mature flower bud: main colour (RHS Colour Chart)	N30A	orange-red N32A
<input type="checkbox"/>	Pedicel: length	medium to long	long
<input type="checkbox"/>	*Flower: basal swelling	very weak	very weak
<input type="checkbox"/>	Perianth: length	long	long
<input type="checkbox"/>	Perianth: diameter	medium	medium
<input type="checkbox"/>	Perianth: recurving of apex	absent or slight	absent or slight
<input checked="" type="checkbox"/>	*Outer perianth segment: main colour of outer side (RHS Colour Chart)	N30A	orange-red N32A
<input type="checkbox"/>	*Inner perianth segment: main colour of apex of inner side	green	green
<input type="checkbox"/>	Stamen: protrusion in relation to apex of perianth segments	absent or weak	absent or weak
<input type="checkbox"/>	*Filament: anthocyanin colouration	absent	absent
<input type="checkbox"/>	*Time of: flowering	early	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LEO 4120'	<i>Aloe inyangensis</i>
<input type="checkbox"/> Leaf: density of marginal teeth	medium	medium
<input type="checkbox"/> Leaf: size of marginal teeth	medium	small
<input checked="" type="checkbox"/> Terminal raceme: colour of bract	reddish	greenish

Prior Applications and Sales

Country	Year	Current Status	Name Applied
South Africa	2005	Granted	'LEO 4120'

First sold in South Africa in March 2006 and in Australia in March 2008.

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

Details of Application

Application Number	2008/353
Variety Name	'LEO 1730'
Genus Species	<i>Aloe</i> hybrid
Common Name	Aloe
Synonym	Southern Cross
Accepted Date	18 Dec 2008
Applicant	Leo Peter Erik Thamm, Randburg, South Africa
Agent	Michael Dent, Taringa, QLD
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Cranbourne, VIC, Australia
Descriptor	TG/ALOE (UPOV draft)
Period	Spring 2011 to Winter 2012
Conditions	Plants were grown in 15cm pots in a covered polyhouse with roll up 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 as part of a Centralised Testing Centre for Aloe.
Measurements	Observations on the leaf were made on fully developed leaves from the middle part of the leaf rosette. The main colour is the colour of the largest surface area. The secondary colour is the colour of the second largest surface area. Observations on the immature flower bud were made on buds in the upper third of the raceme. Observations on the mature flower bud were made when the flower bud was fully expanded, prior to reflexing of the tepals. Observations on the flower and flower parts were made on fresh fully open flowers. Observations on the stamens were made shortly after dehiscence of the anthers.

RHS Chart - edition Fifth Edition (2007)

Origin and Breeding

Controlled pollination followed by seedling selection: 'LEO 6074' x 'LEO cap'. The seed parent was hand pollinated with pollen collected from the pollen parent. The resulting seed was harvested, sown, germinated and grown on. The candidate variety was selected from the resultant seedlings and vegetatively propagated to determine distinctness, uniformity and stability. Selection criteria: plant shape, plant colour, flower production and flower colour. 'LEO 1730' differs from its both parents in plant size. Breeder: Leo Thamm, South Africa.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	number of colours of upper side	one
Leaf	marginal teeth	present
Leaf	non-marginal spines or white tubercles	absent
Inflorescence	number of racemes	one

Outer perianth segment main colour of outer side yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Aloe capitata</i>	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate	State of Expression in Comparator Variety	Comments
<i>Aloe ferox</i>	Leaf non-marginal spines or white tubercles	absent	lower side only	<i>Aloe ferox</i> has non-marginal spines where as the candidate does not.

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	'LEO 1730'	<i>Aloe capitata</i>
<input type="checkbox"/> Plant: length	long	long
<input type="checkbox"/> Plant: width	medium to broad	medium to broad
<input type="checkbox"/> Plant: number of inflorescences	medium	medium
<input checked="" type="checkbox"/> *Leaf: length	medium	very long
<input checked="" type="checkbox"/> *Leaf: width (at base)	medium to broad	very broad
<input type="checkbox"/> *Leaf: shape	medium triangular	medium triangular
<input type="checkbox"/> Leaf: thickness	medium to thick	medium to thick
<input type="checkbox"/> Leaf: curvature	incurved to horizontal	incurved to horizontal
<input type="checkbox"/> Leaf: shape in cross section	concave	concave
<input type="checkbox"/> Leaf: shape of apex	round	round
<input type="checkbox"/> *Leaf: number of colours of upper side	one	one
<input type="checkbox"/> *Leaf: main colour of upper side	blue-grey	blue-grey
<input type="checkbox"/> *Leaf: marginal teeth	present	present
<input type="checkbox"/> *Leaf: colour of marginal teeth	red	red
<input type="checkbox"/> *Leaf: non-marginal spines or white tubercles	absent	absent
<input type="checkbox"/> *Inflorescence: branching	absent	absent
<input type="checkbox"/> *Inflorescence: number of racemes	one	one
<input type="checkbox"/> *Inflorescence: length	short to medium	medium
<input type="checkbox"/> Peduncle: length	short to medium	medium
<input type="checkbox"/> *Peduncle: colour	greenish	greenish
<input checked="" type="checkbox"/> Terminal raceme: length of flowering part	medium	very short
<input type="checkbox"/> *Terminal raceme: shape	cylindrical	broad cylindrical

<input checked="" type="checkbox"/>	*Terminal raceme: density of flowers	dense	sparse
<input type="checkbox"/>	Terminal raceme: size of flower bracts	small to medium	medium
<input type="checkbox"/>	Immature flower bud: main colour of pedicel	greenish	greenish
<input checked="" type="checkbox"/>	*Immature flower bud: main colour (RHS Colour Chart)	yellow 13B	yellow 16B
<input type="checkbox"/>	Mature flower bud: main colour of pedicel	yellowish	yellowish
<input checked="" type="checkbox"/>	*Mature flower bud: main colour (RHS Colour Chart)	yellow 4B	yellow 16B
<input type="checkbox"/>	Pedicel: length	short to medium	medium to long
<input type="checkbox"/>	*Flower: basal swelling	very weak	very weak
<input checked="" type="checkbox"/>	Perianth: length	short to medium	long
<input checked="" type="checkbox"/>	Perianth: diameter	small	medium
<input type="checkbox"/>	Perianth: recurving of apex	absent or slight	medium
<input checked="" type="checkbox"/>	*Outer perianth segment: main colour of outer side (RHS Colour Chart)	yellow 4C	yellow-orange 20A
<input checked="" type="checkbox"/>	*Inner perianth segment: main colour of apex of inner side	yellow	green
<input type="checkbox"/>	Stamen: protrusion in relation to apex of perianth segments	absent or weak	absent or weak
<input type="checkbox"/>	*Filament: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/>	*Time of: flowering	late	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LEO 1730'	<i>Aloe capitata</i>
<input type="checkbox"/> Leaf: density of marginal teeth	medium	not recorded
<input checked="" type="checkbox"/> Leaf: size of marginal teeth	large	small

Prior Applications and Sales

Country	Year	Current Status	Name Applied
South Africa	2005	Granted	'LEO 1730'

First sold in South Africa in Aug 2005 and in Australia in May 2008.

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

Details of Application

Application Number	2008/354
Variety Name	'LEO 8547'
Genus Species	<i>Aloe</i> hybrid
Common Name	Aloe
Synonym	Gemini
Accepted Date	18 Dec 2008
Applicant	Leo Peter Erik Thamm, Randburg, South Africa
Agent	Michael Dent, Taringa, QLD
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Cranbourne, VIC, Australia
Descriptor	TG/ALOE (UPOV draft)
Period	Spring 2011 to Winter 2012
Conditions	Plants were grown in 15cm pots in a covered polyhouse with roll up 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 as part of a Centralised Testing Centre for Aloe.
Measurements	Observations on the leaf were made on fully developed leaves from the middle part of the leaf rosette. The main colour is the colour of the largest surface area. The secondary colour is the colour of the second largest surface area. Observations on the immature flower bud were made on buds in the upper third of the raceme. Observations on the mature flower bud were made when the flower bud was fully expanded, prior to reflexing of the tepals. Observations on the flower and flower parts were made on fresh fully open flowers. Observations on the stamens were made shortly after dehiscence of the anthers.

RHS Chart - edition Fifth Edition (2007)

Origin and Breeding

Controlled pollination followed by seedling selection: Aloe 'LEO 8566' x Aloe 'LEO 6079'. The seed parent was hand pollinated with pollen collected from the pollen parent. The resulting seed was harvested, sown, germinated and grown on. The candidate variety was selected from the resultant seedlings and vegetatively propagated to determine distinctness, uniformity and stability. Selection criteria: plant shape, leaf shape and flower performance. 'LEO 8547' differs from its maternal parent in leaf colour and from paternal parent in flower colour. Breeder: Leo Thamm, South Africa.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	number of colours of upper side	one
Leaf	marginal teeth	present
Outer perianth segment	main colour of outer side	orange-red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Aloe 'Andreas Orange'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>Aloe spinossima</i>	Organ/Plant Part: Leaf Context: non-marginal spines or white tubercles	absent	upper and lower sides	<i>Aloe spinossima</i> has non-marginal spines and the candidate does not.

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	'LEO 8547'	Aloe 'Andreas Orange'
<input type="checkbox"/> Plant: length	medium	medium
<input checked="" type="checkbox"/> Plant: width	medium	narrow
<input type="checkbox"/> Plant: number of inflorescences	very few	very few
<input type="checkbox"/> *Leaf: length	short	short to medium
<input checked="" type="checkbox"/> *Leaf: width (at base)	narrow	medium
<input type="checkbox"/> *Leaf: shape	narrow triangular	narrow triangular
<input type="checkbox"/> Leaf: thickness	thin to medium	medium
<input checked="" type="checkbox"/> Leaf: curvature	horizontal	incurved
<input type="checkbox"/> Leaf: shape in cross section	concave	concave
<input type="checkbox"/> Leaf: shape of apex	sharply pointed	sharply pointed
<input type="checkbox"/> *Leaf: number of colours of upper side	one	one
<input type="checkbox"/> *Leaf: main colour of upper side	light green	medium green
<input type="checkbox"/> *Leaf: marginal teeth	present	present
<input checked="" type="checkbox"/> *Leaf: colour of marginal teeth	green	white
<input type="checkbox"/> *Leaf: non-marginal spines or white tubercles	absent	absent
<input type="checkbox"/> *Inflorescence: branching	absent	absent
<input type="checkbox"/> *Inflorescence: number of racemes	one	one
<input type="checkbox"/> *Inflorescence: length	short to medium	short to medium
<input type="checkbox"/> Peduncle: length	short to medium	short to medium

<input type="checkbox"/>	*Peduncle: colour	greenish	greenish
<input checked="" type="checkbox"/>	Terminal raceme: length of flowering part	short	medium
<input checked="" type="checkbox"/>	*Terminal raceme: shape	corymbose-capitate	conical
<input checked="" type="checkbox"/>	*Terminal raceme: density of flowers	dense	medium
<input type="checkbox"/>	Terminal raceme: size of flower bracts	small to medium	medium
<input type="checkbox"/>	Immature flower bud: main colour of pedicel	greenish	greenish
<input checked="" type="checkbox"/>	*Immature flower bud: main colour (RHS Colour Chart)	orange-red 31A	greyed-orange 167B
<input type="checkbox"/>	Mature flower bud: main colour of pedicel	greenish	not recorded
<input checked="" type="checkbox"/>	*Mature flower bud: main colour (RHS Colour Chart)	orange-red 31A	orange-red N30B
<input type="checkbox"/>	Pedicel: length	medium to long	medium to long
<input checked="" type="checkbox"/>	*Flower: basal swelling	weak to medium	very weak to weak
<input type="checkbox"/>	Perianth: length	long	long
<input type="checkbox"/>	Perianth: diameter	medium	medium
<input type="checkbox"/>	Perianth: recurving of apex	absent or slight	absent or slight
<input checked="" type="checkbox"/>	*Outer perianth segment: main colour of outer side (RHS Colour Chart)	orange-red 31B	orange-red 30C
<input type="checkbox"/>	*Inner perianth segment: main colour of apex of inner side	green	green
<input type="checkbox"/>	Stamen: protrusion in relation to apex of perianth segments	absent or weak	absent or weak
<input type="checkbox"/>	*Filament: anthocyanin colouration	absent	absent
<input type="checkbox"/>	*Time of: flowering	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘LEO 8547’	Aloe ‘Andreas Orange’
<input checked="" type="checkbox"/> Leaf: density of marginal teeth	medium	weak
<input checked="" type="checkbox"/> Leaf: size of marginal teeth	medium	small
<input checked="" type="checkbox"/> Terminal raceme: colour of bract	brownish	whitish

Prior Applications and Sales

Country	Year	Current Status	Name Applied
South Africa	2005	Granted	‘LEO 8547’

First sold in South Africa in April 2004 and in Australia in March 2008.

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

Details of Application

Application Number	2008/351
Variety Name	'LEO 3676B'
Genus Species	<i>Aloe</i> hybrid
Common Name	Aloe
Synonym	Copper Shower
Accepted Date	18 Dec 2008
Applicant	Leo Peter Erik Thamm, Randburg, South Africa
Agent	Michael Dent, Taringa, QLD
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Cranbourne, VIC, Australia
Descriptor	TG/ALOE (UPOV draft)
Period	Spring 2011 to Winter 2012
Conditions	Plants were grown in 15cm pots in a covered polyhouse with roll up 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 as part of a Centralised Testing Centre for Aloe
Measurements	Observations on the leaf were made on fully developed leaves from the middle part of the leaf rosette. The main colour is the colour of the largest surface area. The secondary colour is the colour of the second largest surface area. Observations on the immature flower bud were made on buds in the upper third of the raceme. Observations on the mature flower bud were made when the flower bud was fully expanded, prior to reflexing of the tepals. Observations on the flower and flower parts were made on fresh fully open flowers. Observations on the stamens were made shortly after dehiscence of the anthers.

RHS Chart - edition Fifth Edition (2007)

Origin and Breeding

Controlled pollination followed by seedling selection: Aloe 'LEO daw-g' x Aloe 'LEO 3676B'. The seed parent was hand pollinated with pollen collected from the pollen parent. The resulted seed was harvested, sown, germinated and grown on. The candidate variety was selected from the resultant seedlings and vegetatively propagated to determine distinctness, uniformity and stability. Selection criteria: flower colour, flower performance and flower period. 'LEO 3676B' differs from its parent in leaf and flower colour. Breeder: Leo Thamm, South Africa.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	number of colours of upper side	one
Leaf	marginal teeth	present
Leaf	colour of marginal teeth	green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Aloe arborescens</i>	
<i>Aloe ferox</i> x <i>arborescens</i>	

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	'LEO 3676B'	<i>Aloe arborescens</i>	<i>Aloe ferox</i> x <i>arborescens</i>
<input type="checkbox"/> Plant: length	short to medium	medium to long	short to medium
<input checked="" type="checkbox"/> Plant: width	broad	broad	medium
<input checked="" type="checkbox"/> *Leaf: length	long to very long	very long	short to medium
<input checked="" type="checkbox"/> *Leaf: width (at base)	broad	medium	narrow
<input type="checkbox"/> *Leaf: shape	narrow triangular	narrow triangular	narrow triangular
<input type="checkbox"/> Leaf: thickness	medium	medium	medium
<input type="checkbox"/> Leaf: curvature	incurved to horizontal	horizontal	horizontal
<input type="checkbox"/> Leaf: shape in cross section	concave	concave	straight
<input type="checkbox"/> Leaf: shape of apex	sharply pointed	sharply pointed	sharply pointed
<input type="checkbox"/> *Leaf: number of colours of upper side	one	one	one
<input checked="" type="checkbox"/> *Leaf: main colour of upper side	medium green	blue-grey	dark green
<input type="checkbox"/> *Leaf: marginal teeth	present	present	present
<input type="checkbox"/> *Leaf: colour of marginal teeth	green	green	green
<input type="checkbox"/> *Leaf: non-marginal spines or white tubercles	absent	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LEO 3676B'	<i>Aloe arborescens</i>	<i>Aloe ferox</i> x <i>arborescens</i>
<input type="checkbox"/> Leaf: density of marginal teeth	medium	not recorded	medium
<input type="checkbox"/> Leaf: size of marginal teeth	large	not recorded	large
<input type="checkbox"/> Leaf: shape of marginal teeth	strongly hooked	not recorded	not recorded

Prior Applications and Sales

Nil

First sold in the South Africa in January 2006

Description: Mark Lunghusen, Cranbourne, VIC.

Details of Application

Application Number	2010/218
Variety Name	'Delightfully Double'
Genus Species	<i>Alyogyne huegelii</i> x <i>hakeifolia</i>
Common Name	Alyogyne
Synonym	Nil
Accepted Date	17 Nov 2010
Applicant	Plant Growers Australia, Wonga Park, VIC
Agent	Plants Management Australia Pty. Ltd., Dodges Ferry, TAS
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	Hibiscus (DRAFT descriptor)
Period	Aug 2011 – Mar 2012
Conditions	Trial conducted in the open, plants propagated from cuttings and transferred from tubes to 140mm pots in Aug 2011. 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: Pollination took place in Wonga Park, VIC Australia in Nov 2002. Maternal parent *Alyogyne huegelii* and paternal parent *Alyogyne hakeifolia*. This was part of an ongoing breeding program. From this cross the generation was sown in Mar 2003 and grown to flowering maturity in 140mm containers. In Mar 2004 one plant was selected for its flower type. This plant was then propagated via cuttings and several grown on as mature plants for assessment over the next 4 years. Selection criteria: Plant: vigour strong; Flower: type semi double, shape when fully expanded tubular. All generations have been found to be uniform and stable. Final selection for commercialisation occurred in 2008. Breeder: Plant Growers Australia, Wonga Park, VIC.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright
Leaf blade	variegation	absent
Leaf blade	lobing	present
Flower	shape when fully expanded	tubular
Flower	eyezone	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>A. huegelii</i> 'Pink'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'West Coast Gem'	Flower	shape when fully expanded	tubular	flattened
<i>A. hakefolia</i>	Leaf blade	depth of lobing	medium to strong	very strong
'Montburg Purple'	Leaf blade	depth of lobing	medium to strong	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	'Delightfully Double'	<i>A. huegelii</i> 'Pink'
<input type="checkbox"/> *Plant: growth habit	upright	upright
<input type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> Plant: density of branching	sparse to medium	sparse to medium
<input type="checkbox"/> Branch: attitude	moderately upwards	moderately upwards
<input type="checkbox"/> *Leaf blade: variegation	absent	absent
<input type="checkbox"/> Leaf blade: lobing	present	present
<input type="checkbox"/> Leaf blade: number of lobes (varieties with lobing only)	three to five	three to five
<input checked="" type="checkbox"/> *Leaf blade: depth of lobbing (varieties with lobing only)	medium to strong	weak to medium
<input type="checkbox"/> Leaf blade: undulation of margin	medium	medium
<input type="checkbox"/> Leaf blade: type of incisions of margin	serrate	serrate
<input checked="" type="checkbox"/> *Flower: type	semi-double	single
<input type="checkbox"/> Flower: overlapping of petals (varieties with single and semidouble flowers only)	strong to very strong	strong to very strong
<input type="checkbox"/> Flower: eye zone	present	present
<input checked="" type="checkbox"/> Eye zone: size (extensions excluded)	very small	small
<input type="checkbox"/> Eye zone: extensions into petal	absent or weak	absent or weak
<input type="checkbox"/> Eye zone: number of colours	one	one
<input type="checkbox"/> Eye zone: main colour (RHS colour chart)	greyed-purple 187A	greyed-purple 187A
<input type="checkbox"/> Petal: serration	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Petal: undulation of margin	medium to strong	weak
<input type="checkbox"/> Stigma pad: colour	purple	purple

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Delightfully Double'	<i>A. huegelii</i> 'Pink'
<input checked="" type="checkbox"/> Stem: degree of hairiness	low	medium

<input type="checkbox"/>	Leaf blade: main colour (RHS colour chart)	yellow-green 146A	yellow-green 146A
<input type="checkbox"/>	Flower: shape when fully expanded	tubular	tubular
<input checked="" type="checkbox"/>	Flower: petaloids (petal-like structure bearing distorted anthers)	present	absent
<input type="checkbox"/>	Flower: size	medium	medium to large
<input checked="" type="checkbox"/>	Petal: main colour of inner side when fully expanded (RHS colour chart)	red-purple 72B fading to 69D	purple 78D fading to 76C
<input checked="" type="checkbox"/>	Petal: main colour of outer side when fully expanded (RHS colour chart)	red-purple 72B	purple-violet 80B+C
<input type="checkbox"/>	Petal: main colour of outer side at flower senescence (RHS colour chart)	purple-violet 81C	purple-violet 81C

Prior Applications and Sales

Nil.

Description: **Steve Eggleton**, Wonga Park, VIC.

Details of Application

Application Number	2008/074
Variety Name	'ARIANE'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Synonym	Nil
Accepted Date	10 Aug 2008
Applicant	INRA - Institut National de la Recherche Agronomique, France
Agent	Watermark Patent & Trade Mark Attorneys, Melbourne, VIC
Qualified Person	Graham Fleming

Details of Comparative Trial

Overseas testing authority	Community Plant Variety Office (CPVO)
Overseas Data Reference Number	2003/0273
Descriptor	Apple (Malus) TG/14/9
Conditions	Where possible the overseas data was verified under local growing conditions.

RHS Chart - Edition**Origin and Breeding**

Controlled Pollination: P7R25A27 x P21R4A30. The new and distinct apple cultivar 'Ariane' was developed as a controlled cross pollination of proprietary breeding stock from the I.N.R.A breeding program in Angers, France in 1979. After close observation the new cultivar 'Ariane' was selected based on its desirable fruiting characteristics including disease resistance and overall fruit quality. Both the parents are susceptible to scab and the pollen parent is also susceptible to powdery mildew. The candidate is resistant to both the diseases. Asexual propagation via grafting has shown stability through successive generation and producing no off-types. Breeder: I.N.R.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
Fruit	colour of flesh	cream
Fruit	ground colour	yellow
Fruit	area of russet around eye basin	absent or small
Fruit	size	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Florina'	
'CIVG198'	

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	‘ARIANE’	‘CIVG198’	‘Florina’
<input type="checkbox"/> *Tree: type	ramified	ramified	-
<input type="checkbox"/> *Fruit: size	medium	medium	-
<input checked="" type="checkbox"/> *Fruit: ratio height/diameter	medium	large	-
<input checked="" type="checkbox"/> *Fruit: general shape	globose	ellipsoid	conic
<input checked="" type="checkbox"/> Fruit: crowning at calyx end	absent or weak	moderate	-
<input type="checkbox"/> *Fruit: size of eye	medium	medium	-
<input type="checkbox"/> Fruit: length of sepal	medium	medium	-
<input type="checkbox"/> Fruit: greasiness of skin	absent or weak	absent or weak	-
<input type="checkbox"/> *Fruit: ground colour	yellow	yellow	-
<input checked="" type="checkbox"/> *Fruit: relative area of over colour	large	very large	large
<input type="checkbox"/> *Fruit: hue of over colour with bloom removed	red	red	pink red
<input checked="" type="checkbox"/> *Fruit: intensity of over colour	medium	dark	-
<input type="checkbox"/> *Fruit: pattern of over colour	only solid flush	only solid flush	-
<input checked="" type="checkbox"/> *Fruit: area of russet around stalk attachment	medium	absent or small	-
<input type="checkbox"/> Fruit: area of russet on cheeks	absent or small	absent or small	-
<input type="checkbox"/> *Fruit: area of russet around eye basin	absent or small	absent or small	-
<input checked="" type="checkbox"/> Fruit: size of lenticels	large	small	-
<input type="checkbox"/> *Fruit: length of stalk	medium	-	-
<input checked="" type="checkbox"/> *Fruit: thickness of stalk	medium	-	thin
<input type="checkbox"/> *Fruit: depth of stalk cavity	deep	-	-
<input type="checkbox"/> *Fruit: width of stalk cavity	medium	-	-
<input type="checkbox"/> *Fruit: depth of eye basin	deep	-	-
<input type="checkbox"/> *Fruit: width of eye basin	medium	-	-
<input checked="" type="checkbox"/> *Fruit: firmness of flesh	firm	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 checked="" type="checkbox"/> *Time of: beginning of flowering	early	medium	-
<input type="checkbox"/> Time of: eating maturity	medium	medium	-

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2003	Granted	'Ariane'
FR	2000	Granted	'Ariane'
CA	2007	Pending	'Ariane'
BR	2008	Granted	'Ariane'
CH	2006	Granted	'Ariane'
NZ	2003	Granted	'Ariane'
TR	2010	Granted	'Ariane'
RU	2008	Granted	'Ariane'

First sold France in March 2002.

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

Details of Application

Application Number	2011/139
Variety Name	'VT Admiral'
Genus Species	<i>Hordeum vulgare</i>
Common Name	Barley
Synonym	Nil
Accepted Date	23 Sep 2011
Applicant	Adelaide Research & Innovation Pty Ltd, Adelaide, SA. Grains Research & Development Corporation, Barton ACT.
Agent	Adelaide Research & Innovation Pty Ltd, Adelaide, SA.
Qualified Person	Amanda Box

Details of Comparative Trial

Location	Charlick Experimental Research Station, Strathalbyn, South Australia
Descriptor	Barley (<i>Hordeum vulgare</i>) TG/19/10
Period	12th July 2011 to 8th December 2011
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 600 plants.
Trial Design	Three replicates of each genotype were sown on 12th July 2011 in plots of 6 rows x 3.2 metres.
Measurements	Fifteen randomly selected plants were assessed individually for each trait.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'VT Admiral' was developed using a complex controlled pollination strategy. In September 2000 a cross was made between the breeders line WI3401 (SH302/Keel/Chieftain) and Torrent. The F₁ was used in 2001 as the female parent in a cross with the breeders line BX98A;080-375 (Dhow/Keel/Fitzgerald) and the subsequent generation used to produce a population of 258 doubled haploid plants. All were evaluated over summer 2002/03 and 137 were selected for yield trials in 2003. 21 lines were selected agronomic and yield evaluation at 11 locations and BX01S; 049D-77 was selected for subsequent advanced testing. The line was renamed WI4259 and its commercial potential examined compared to control varieties in replicated yield trials at up to 24 locations, pathology nurseries and malting quality evaluation. 100 single plants were selected and grown as single rows to produce foundation pure seed. No off types were observed and all rows were bulked. Breeders: Jason Eglinton, Andrew Barr, Stewart Coventry and Amanda Box, University of Adelaide.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	Hairiness of leaf sheaths	absent
Flag leaf	anthocyanin colouration of auricles	present
Grain	husk	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Dhow'	
'Fairview'	

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	'VT Admiral'	'Dhow'	'Fairview'
<input checked="" type="checkbox"/> *Plant: growth habit	prostrate	semi-prostrate	semi-erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent
<input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	present	present
<input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	medium	weak	weak to medium
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	medium to high	absent or very low
<input type="checkbox"/> Flag leaf: glaucosity of sheath	medium	medium to strong	weak to medium
<input type="checkbox"/> *Time of: ear emergence	late to very late	medium to late	very late
<input checked="" type="checkbox"/> *Awns: anthocyanin colouration of tips	present	absent	present
<input checked="" type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	very weak to weak		medium
<input checked="" type="checkbox"/> *Ear: glaucosity	medium	very weak to weak	weak
<input type="checkbox"/> Ear: attitude	erect	erect	semi-erect
<input checked="" type="checkbox"/> *Plant: length	very short to short	short to medium	medium
<input type="checkbox"/> *Ear: number of rows	two	two	two
<input checked="" type="checkbox"/> Ear: shape	parallel	parallel	tapering
<input checked="" type="checkbox"/> *Ear: density	medium	lax to medium	lax
<input checked="" type="checkbox"/> Ear: length	medium	short to medium	long
<input type="checkbox"/> *Awn: length	long	long	medium
<input checked="" type="checkbox"/> Rachis: length of first segment	medium	short	medium
<input type="checkbox"/> Rachis: curvature of first segment	weak	absent or very weak	weak
<input checked="" type="checkbox"/> *Sterile spikelet: attitude	parallel to weakly divergent	parallel to weakly divergent	divergent
<input checked="" type="checkbox"/> Median spikelet: length of glume and its awn relative to grain	shorter	equal	equal

<input checked="" type="checkbox"/>	*Grain: rachilla hair type	short	long	long
<input type="checkbox"/>	*Grain: husk	present	present	present
<input type="checkbox"/>	Grain: anthocyanin colouration of nerves of lemma	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Grain: spiculation of inner lateral nerves of dorsal side of lemma	weak to medium	weak to medium	very strong
<input checked="" type="checkbox"/>	*Grain: hairiness of ventral furrow	present	absent	absent
<input type="checkbox"/>	Grain: disposition of lodicules	clasping	clasping	clasping
<input type="checkbox"/>	Kernel: colour of aleurone layer	whitish	whitish	whitish
<input type="checkbox"/>	*Season: type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	‘VT Admiral’	‘Dhow’	‘Fairview’
<input checked="" type="checkbox"/> Plant: length (cm)			
Mean	70.28	77.32	87.27
Std. Deviation	2.98	2.50	3.19
Lsd/sig	3.91	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (cm)			
Mean	6.10	7.38	9.10
Std. Deviation	0.52	0.45	0.54
Lsd/sig	0.69	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: number of grains			
Mean	21.89	22.33	30.89
Std. Deviation	1.62	1.50	1.76
Lsd/sig	1.67	ns	P≤0.01
<input type="checkbox"/> Awns: length (cm)			
Mean	10.50	9.63	9.20
Std. Deviation	0.30	1.51	0.70
Lsd/sig	1.42	ns	ns

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2011/056
Variety Name	'SY Rattler'
Genus Species	<i>Hordeum vulgare</i>
Common Name	Barley
Synonym	Nil
Accepted Date	05 Oct 2011
Applicant	Syngenta Seeds Ltd, Lincolnshire, UK
Agent	GrainSearch Pty Ltd, Ballarat, VIC
Qualified Person	Clinton Rogers

Details of Comparative Trial

Location	Inverleigh, VIC
Descriptor	Barley (<i>Hordeum vulgare</i>) TG/19/10
Period	26 May 2011 – 5 Dec 2011
Conditions	Trial was planted on the 26th May 2011 and conducted on sandy loam soil, pH 5.5 in water.
Trial Design	Plants were arranged in a complete randomised block design, plots were 10m x 1.45m by four replicates per treatment.
Measurements	Taken from 5 specimens per replicate and selected randomly from approximate 170 plants/m ² .

RHS Chart - edition**Origin and Breeding**

Controlled pollination: 498-50 \ 498-46 \\ COLSTON which was a complex cross from an F1 between 2 elite European lines (498-50 & 498-46) which was in turn crossed with European line Colston. Original cross was made in 1999. Selections were made from the F2 generation in NZ during 1999/2000. A shuttle breeding program was carried out from F2 to F10 in UK, New Zealand and Australia between 2000-2010. 'SY Rattler' differed from its parent in growth habit. Breeder: Syngenta Seeds Limited, Surry UK.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of leaf sheaths	absent
Ear	number of rows	two
Flag leaf	glaucosity of sheath	strong
Rachis	curvature of first segment	weak
Grain	husk	present
Grain	hairiness of ventral furrow	absent
Season	type	spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'QuickStar'	
'Hindmarsh'	
'Commander'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Gairdner' Plant	growth habit	erect	prostrate	
'Gairdner' Flag leaf	glaucosity of sheath	strong	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	'SY Rattler'	'Commander'	'Hindmarsh'	'QuickStar'
<input checked="" type="checkbox"/> *Plant: growth habit	erect	erect	erect	semi-erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	absent	present	present
<input checked="" type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	weak	very weak	medium	medium
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low	absent or very low	absent or very low
<input type="checkbox"/> Flag leaf: glaucosity of sheath	strong	strong	strong	strong
<input checked="" type="checkbox"/> *Time of: ear emergence	medium	medium	very early to early	medium to late
<input checked="" type="checkbox"/> *Awns: anthocyanin colouration of tips	present	absent	present	present
<input checked="" type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	medium	very weak	medium	weak
<input type="checkbox"/> *Ear: glaucosity	medium	medium	not recorded	medium
<input checked="" type="checkbox"/> Ear: attitude	semi-erect	erect	semi-recurved	semi-erect
<input checked="" type="checkbox"/> *Plant: length	medium	long	short	medium to long
<input type="checkbox"/> *Ear: number of rows	two	two	two	two
<input checked="" type="checkbox"/> Ear: shape	tapering	tapering	parallel	parallel
<input checked="" type="checkbox"/> *Ear: density	dense	dense	lax to medium	dense
<input checked="" type="checkbox"/> Ear: length	medium to long	short to medium	medium	long
<input checked="" type="checkbox"/> *Awn: length	medium	long	medium	short
<input type="checkbox"/> Rachis: length of first segment	medium	medium	short to medium	medium
<input type="checkbox"/> Rachis: curvature of first segment	weak	weak	weak	weak
<input type="checkbox"/> *Sterile spikelet: attitude	parallel to weakly	parallel to divergent	parallel to weakly	parallel to weakly

	divergent		divergent	divergent
<input type="checkbox"/> Median spikelet: length of glume and its awn relative to grain	equal	equal	shorter	equal
<input type="checkbox"/> *Grain: rachilla hair type	long	short	short	long
<input type="checkbox"/> *Grain: husk	present	present	present	present
<input checked="" type="checkbox"/> Grain: anthocyanin colouration of nerves of lemma	weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Grain: spiculation of inner lateral nerves of dorsal side of lemma	strong	absent or very weak	absent or very weak	not recorded
<input type="checkbox"/> *Grain: hairiness of ventral furrow	absent	absent	absent	absent
<input type="checkbox"/> Grain: disposition of lodicules	clasping	frontal	frontal	clasping
<input type="checkbox"/> Kernel: colour of aleurone layer	whitish	whitish	whitish	whitish
<input type="checkbox"/> *Season: type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'SY Rattler'	'Commander'	'Hindmarsh'	'QuickStar'
<input checked="" type="checkbox"/> Ear: length (cm)				
Mean	79.75	52.12	64.03	84.24
Std. Deviation	1.92	2.34	1.60	1.36
LSD/sig	1.83	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Awn: length (cm)				
Mean	47.22	100.65	56.09	40.87
Std. Deviation	1.80	5.40	1.03	3.00
LSD/sig	3.31	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Clinton Rogers**, Ballarat, VIC.

Details of Application

Application Number	2011/140
Variety Name	'Navigator'
Genus Species	<i>Hordeum vulgare</i>
Common Name	Barley
Synonym	Nil
Accepted Date	23 Sep 2011
Applicant	Adelaide Research & Innovation Pty Ltd, Adelaide, SA and Grains Research & Development Corporation, Barton, ACT.
Agent	Adelaide Research & Innovation Pty Ltd, Adelaide, SA.
Qualified Person	Amanda Box

Details of Comparative Trial

Location	Charlick Experimental Research Station, Strathalbyn, South Australia
Descriptor	Barley (<i>Hordeum vulgare</i>) TG/19/10
Period	12th July 2011 to 8th December 2011
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 600 plants.
Trial Design	Three replicates of each genotype were sown on 12th July 2011 in plots of 6 rows x 3.2 metres.
Measurements	Fifteen randomly selected plants were assessed individually for each trait.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Navigator' was developed using a controlled pollination strategy between breeders lines WI3788 (Chieftain/VB9624/4/Keel/3/Sahara/WI2723//Chebec) and WI3847 (Dhow/Keel//Fitzgerald). Ten F₁ plants were used to produce a population of 261 doubled haploid plants. All were evaluated as single rows over summer 2002/03 and marker assisted selection for boron tolerance and malt quality were used with field observations to select 134 lines for yield trials in 2003. Thirty five lines were selected for agronomic and yield evaluation at 11 locations and the subsequent year 11 lines were retained for replicated yield trials at 12 locations. Six lines were selected for advanced agronomic, yield and quality testing in 2006. The line BX01S;194DM-125 was selected for subsequent advanced testing. The line was renamed WI4262 and its commercial potential examined compared to control varieties in replicated yield trials at up to 24 locations, pathology nurseries and malting quality evaluation. 100 single plants were selected and grown as single rows to produce foundation pure seed. No off types were observed and all rows were bulked and multiplied at Horsham 2009/10 Breeder: Jason Eglinton, Andrew Barr, Stewart Coventry and Amanda Box, University of Adelaide.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of leaf sheaths	absent
Flag leaf	anthocyanin colouration of auricles	present
Ear	number of rows	two
Grain	husk	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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‘Capstan’
‘Dhow’

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘VT Admiral’	Flag leaf: intensity of anthocyanin colouration of auricles	very weak to weak	medium	
‘VT Admiral’	Awns: anthocyanin colouration of tips	absent	present	
‘VT Admiral’	Ear: glaucosity	absent to very weak	medium	
‘VT Admiral’	Grain: rachilla hair type	long	short	
‘VT Admiral’	Grain: hairiness of ventral furrow	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	‘Navigator’	‘Capstan’	‘Dhow’
<input checked="" type="checkbox"/> *Plant: growth habit	semi-prostrate	prostrate	semi-prostrate
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent
<input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	present	present
<input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	very weak to weak	weak	weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	low	medium to high
Flag leaf: glaucosity of sheath	weak to medium	medium	medium to strong
<input type="checkbox"/> *Time of: ear emergence	late	medium to late	medium to late
<input checked="" type="checkbox"/> *Awns: anthocyanin colouration of tips	absent	present	present
<input type="checkbox"/> *Ear: glaucosity	absent or very weak	absent or very weak	very weak to weak
<input type="checkbox"/> Ear: attitude	erect to semi-erect	semi-erect	erect
<input checked="" type="checkbox"/> *Plant: length	short	very short to short	short to medium
<input type="checkbox"/> *Ear: number of rows	two	two	two
<input checked="" type="checkbox"/> Ear: shape	parallel	tapering	parallel

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Navigator’	‘Capstan’	‘Dhow’
<input checked="" type="checkbox"/> Tolerance to: high soil boron	high	low	not available
<input checked="" type="checkbox"/> Grain: Lemma base shape	depressed	creased	creased

Statistical Table

Organ/Plant Part: Context	‘Navigator’	‘Capstan’	‘Dhow’
<input checked="" type="checkbox"/> Plant: length (cm)			
Mean	71.70	68.11	77.93
Std. Deviation	1.91	3.17	3.74
Lsd/sig	3.91	ns	P≤0.01
<input type="checkbox"/> Ear: length (cm)			
Mean	7.18	7.60	7.40

Std. Deviation	0.39	0.58	0.48
Lsd/sig	0.59	ns	ns
<input checked="" type="checkbox"/> Ear: number of grains			
Mean	22.78	25.11	22.44
Std. Deviation	0.97	2.32	1.67
Lsd/sig	2.03	P≤0.01	ns
<input type="checkbox"/> Awns: length (cm)			
Mean	9.58	9.77	10.00
Std. Deviation	0.53	0.45	0.67
Lsd/sig	0.84	ns	ns

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2011/142
Variety Name	'Skipper Australia'
Genus Species	<i>Hordeum vulgare</i>
Common Name	Barley
Synonym	Nil
Accepted Date	23 Sep 2011
Applicant	Adelaide Research & Innovation Pty Ltd, Adelaide, SA and Grains Research & Development Corporation, Barton, ACT
Agent	Adelaide Research & Innovation Pty Ltd, Adelaide SA
Qualified Person	Amanda Box

Details of Comparative Trial

Location	Charlick Experimental Research Station, Strathalbyn, South Australia
Descriptor	Barley (<i>Hordeum vulgare</i>) TG/19/10
Period	12th July 2011 to 8th December 2011
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 600 plants.
Trial Design	Two replicates of each genotype were sown on 12th July 2011 in plots 6 rows x 3.2 metres.
Measurements	Fifteen randomly selected plants were assessed individually for each trait.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The F₁ from a cross between Buloke and Commander was used as the female parent in a controlled pollination with the breeders line WI3786 (Chieftain/VB9623//Manley/VB9104). Eight individuals were used as doubled haploid donors and the population was screened with molecular markers to select for Cereal cyst nematode resistance. Fifty eight selected lines were evaluated over summer 2004/05 and 28 of these promoted to yield trials at 2 locations in 2005. Fourteen lines were tested in yield trials across 9 locations in 2006 and the 7 best performed lines were included replicated yield trials at 19 locations in 2007. The lines then were evaluated for commercial potential compared to control varieties in replicated yield trials at up to 24 locations, pathology nurseries and malting quality evaluation. WI4446 was selected for commercialisation and promoted to National Variety Trials in 2009. 100 single plants were selected and grown as single rows to produce foundation pure seed. No off types were observed and all rows were bulked. Breeder: Jason Eglinton, Stewart Coventry and Amanda Box, University of Adelaide.

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
Lowest leaves	hairiness of leaf sheaths	absent
Ear	number of rows	two
Grain	husk	present
Grain	hairiness of ventral	absent

Season furrow type spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Commander'	
'Flagship'	
'SloopSA'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'VT Admiral'	Plant: growth habit	erect	prostrate	
'Navigator'	Plant: growth habit	erect	semi-erect	
'VT Admiral'	Time of ear emergence	very early to early	late to very late	
'Navigator'	Time of ear emergence	very early to early	late	
'Navigator'	Awns: anthocyanin colouration of tips	present	absent	
'Navigator'	Ear: glaucosity	medium	absent or very weak	
'Fathom'	Ear: glaucosity	medium	very weak to weak	
'VT Admiral'	Plant: length	long	very short to short	
'Navigator'	Plant: length	long	short	
'VT Admiral'	Awn: length	medium	long	
'Fathom'	Awn: length	medium	long	
'VT Admiral'	Sterile spikelet: attitude	divergent	parallel to weakly divergent	
'Navigator'	Sterile spikelet: attitude	divergent	parallel to weakly divergent	
'VT Admiral'	Grain: rachilla hair type	long	short	
'VT Admiral'	Grain: hairiness of ventral furrow	absent	present	
'Fathom'	Grain: hairiness of ventral furrow	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	'Skipper Australia'	'Commander'	'Flagship'	'SloopSA'
<input type="checkbox"/> *Plant: growth habit	erect	erect	erect	erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	absent	present	absent
<input checked="" type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	medium		strong	
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium to high	absent or very low	low to medium	absent or very low
<input type="checkbox"/> Flag leaf: glaucosity of	medium to strong	strong	weak to medium	medium

sheath					
<input checked="" type="checkbox"/>	*Time of: ear emergence	very early to early	medium	medium	medium
<input checked="" type="checkbox"/>	*Awns: anthocyanin colouration of tips	present	absent	present	present
<input checked="" type="checkbox"/>	*Awns: intensity of anthocyanin colouration of tips	weak to medium		medium to strong	very weak
<input checked="" type="checkbox"/>	*Ear: glaucosity	medium	medium	weak to medium	weak
<input checked="" type="checkbox"/>	Ear: attitude	semi-erect	erect	erect to semi-erect	semi-recurved to recurved
<input checked="" type="checkbox"/>	*Plant: length	long	medium	medium to long	long
<input type="checkbox"/>	*Ear: number of rows	two	two	two	two
<input checked="" type="checkbox"/>	Ear: shape	parallel	tapering	tapering	parallel
<input type="checkbox"/>	*Ear: density	medium	medium to dense	medium	medium
<input checked="" type="checkbox"/>	Ear: length	short to medium	short to medium	medium	medium
<input checked="" type="checkbox"/>	*Awn: length	medium	long	short	long
<input type="checkbox"/>	Rachis: length of first segment	medium	medium	medium	medium
<input checked="" type="checkbox"/>	Rachis: curvature of first segment	weak	weak	medium	weak
<input checked="" type="checkbox"/>	*Sterile spikelet: attitude	divergent	parallel to weakly divergent	divergent	parallel to weakly divergent
<input checked="" type="checkbox"/>	Median spikelet: length of glume and its awn relative to grain	shorter	equal	shorter	shorter
<input checked="" type="checkbox"/>	*Grain: rachilla hair type	long	short	short	short
<input type="checkbox"/>	*Grain: husk	present	present	present	present
<input type="checkbox"/>	Grain: anthocyanin colouration of nerves of lemma	absent or very weak	absent or very weak	weak	weak
<input checked="" type="checkbox"/>	Grain: spiculation of inner lateral nerves of dorsal side of lemma	very strong	absent or very weak	medium to strong	medium to strong
<input type="checkbox"/>	*Grain: hairiness of ventral furrow	absent	absent	absent	absent
<input type="checkbox"/>	Grain: disposition of lodicules	clasping	clasping	clasping	clasping
<input type="checkbox"/>	Kernel: colour of aleurone layer	whitish	whitish	whitish	whitish

*Season: type spring type spring type spring type spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Skipper Australia’	‘Commander’	‘Flagship’	‘SloopSA’
<input checked="" type="checkbox"/> Grain: rachilla length	long	short	long	short

Statistical Table

Organ/Plant Part: Context	‘Skipper Australia’	‘Commander’	‘Flagship’	‘SloopSA’
<input checked="" type="checkbox"/> Plant: length (cm)				
Mean	83.43	81.86	85.66	97.17
Std. Deviation	1.75	1.25	2.60	3.29
Lsd/sig	3.38	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Ear: length (cm)				
Mean	6.43	6.50	7.24	7.59
Std. Deviation	0.27	0.38	0.57	0.31
Lsd/sig	0.65	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: number of grains				
Mean	22.86	24.57	23.71	27.29
Std. Deviation	1.22	1.13	2.29	1.11
Lsd/sig	2.02	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Awns: length (cm)				
Mean	10.56	12.73	8.70	11.07
Std. Deviation	0.44	0.51	0.59	0.33
Lsd/sig	0.76	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2011/141
Variety Name	'Fathom'
Genus Species	<i>Hordeum vulgare</i>
Common Name	Barley
Synonym	Nil
Accepted Date	23 Sep 2011
Applicant	Adelaide Research & Innovation Pty Ltd, Adelaide, SA and Grains Research & Development Corporation, Barton, ACT
Agent	Adelaide Research & Innovation Pty Ltd, Adelaide, SA
Qualified Person	Amanda Box

Details of Comparative Trial

Location	Charlick Experimental Research Station, Strathalbyn, South Australia
Descriptor	Barley (<i>Hordeum vulgare</i>) TG/19/10
Period	12th July 2011 to 8th December 2011
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 600 plants.
Trial Design	Three replicates of each genotype were sown on 12th July 2011 in plots 6 rows x 3.2 metres long.
Measurements	Fifteen randomly selected plants were assessed individually for each trait.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Fathom' was produced from a cross between the lines JE001*13D-20 (CPI71284-48/Barque*3) and WI3806 (Mundah/Keel/Barque) in 2003. The population was progressed as an F₁ bulk over summer 2003/04, as an F₂ bulk population in 2004 and as an F₃ bulk population over summer 2004/05. Twenty eight single plant selections were evaluated in rows in 2005. Disease resistance, grain size and phenology were used to select 8 lines for Stage 1 yield evaluation in 2006. Yield trials comprised unreplicated designs with a check grid grown at 3 locations in South Australia. Agronomic performance was used to select 5 lines for Stage 2 field evaluation in 2007 across 18 locations in Australia, and subsequently 2 lines were selected for Stage 3 evaluation in 2008 across 22 locations. WI4483 was identified as the most promising line and tested for agronomic performance and yield in 22 locations in 2009 and 95 locations in 2010. Fifty single plant reselections were taken from Turretfield in 2009 and evaluated over summer 2009/10, and 45 of these were evaluated at Roseworthy in 2010. The reselections exhibited variation in ear glaucosity and 15 uniform reselections were combined and progressed as pure seed. No off types were observed and all rows were bulked. Breeder: Jason Eglinton, Stewart Coventry and Amanda Box, University of Adelaide.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of leaf sheath	absent
Ear	number of rows	two

Grain	husk	present
Season	type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fleet Australia'	
'Barque'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'VT Admiral'	Plant: growth habit	erect	prostrate	
'Navigator'	Plant: growth habit	erect	semi-prostrate	
'VT Admiral'	Flag leaf: intensity of anthocyanin colouration of auricles	weak	medium	
'VT Admiral'	Time of ear emergence	very early	late to very late	
'Navigator'	Time of ear emergence	very early	late	
'Navigator'	Awns: anthocyanin colouration of tips	present	absent	
'VT Admiral'	Ear: glaucosity	very weak to weak	medium	
'VT Admiral'	Plant: length	long	very short to short	
Navigator	Plant: length	long	short	
'VT Admiral'	Sterile spike: attitude	divergent	parallel to weakly divergent	
'Navigator'	Sterile spike: attitude	divergent	parallel to weakly divergent	
'VT Admiral'	Median spikelet: length if glume and its awn relative to grain	longer	shorter	
'Navigator'	Median spikelet: length if glume and its awn relative to grain	longer	shorter	
'VT Admiral'	Grain: rachilla hair type	long	short	
'Navigator'	Grain: hairiness of ventral furrow	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	'Fathom'	'Barque'	'Fleet Australia'
<input checked="" type="checkbox"/> *Plant: growth habit	erect	semi-prostrate	erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent
<input checked="" type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	present	absent
<input checked="" type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	weak	very weak	
<input checked="" type="checkbox"/> Plant: frequency of plants with	high	absent or very low	high to very high

recurved flag leaves

<input type="checkbox"/>	Flag leaf: glaucosity of sheath	weak to medium	medium	medium to strong
<input type="checkbox"/>	*Time of: ear emergence	very early	early	early to medium
<input checked="" type="checkbox"/>	*Awns: anthocyanin colouration of tips	present	present	absent
<input checked="" type="checkbox"/>	*Awns: intensity of anthocyanin colouration of tips	very weak	weak	
<input checked="" type="checkbox"/>	*Ear: glaucosity	very weak to weak	weak	medium
<input checked="" type="checkbox"/>	Ear: attitude	semi-erect	horizontal	semi-recurved
<input checked="" type="checkbox"/>	*Plant: length	long	very long	long
<input type="checkbox"/>	*Ear: number of rows	two	two	two
<input checked="" type="checkbox"/>	Ear: shape	parallel	tapering	parallel
<input type="checkbox"/>	*Ear: density	medium to dense	medium	medium
<input checked="" type="checkbox"/>	Ear: length	medium	medium	medium
<input checked="" type="checkbox"/>	*Awn: length	long	long	very long
<input checked="" type="checkbox"/>	Rachis: length of first segment	short	medium	medium
<input checked="" type="checkbox"/>	Rachis: curvature of first segment	medium	absent or very weak	weak to medium
<input checked="" type="checkbox"/>	*Sterile spikelet: attitude	divergent	parallel to weakly divergent	parallel to weakly divergent
<input checked="" type="checkbox"/>	Median spikelet: length of glume and its awn relative to grain	longer	equal	equal
<input checked="" type="checkbox"/>	*Grain: rachilla hair type	long	short	long
<input type="checkbox"/>	*Grain: husk	present	present	present
<input type="checkbox"/>	Grain: anthocyanin colouration of nerves of lemma	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Grain: spiculation of inner lateral nerves of dorsal side of lemma	strong	medium to strong	medium to strong
<input type="checkbox"/>	*Grain: hairiness of ventral furrow	present	present	absent
<input type="checkbox"/>	Grain: disposition of lodicules	clasping	clasping	clasping
<input type="checkbox"/>	Kernel: colour of aleurone layer	whitish	whitish	whitish
<input type="checkbox"/>	*Season: type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Fathom'	'Barque'	'Fleet Australia'
<input checked="" type="checkbox"/> Grain: rachilla length	medium	short	medium to long

Statistical Table

Organ/Plant Part: Context	'Fathom'	'Barque'	'Fleet Australia'
<input checked="" type="checkbox"/> Plant: length (cm)			
Mean	87.42	94.87	86.22
Std. Deviation	1.53	5.82	2.48
Lsd/sig	4.36	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: length (cm)			
Mean	6.84	7.76	7.02
Std. Deviation	0.43	0.43	0.28
Lsd/sig	0.42	P≤0.01	ns
<input type="checkbox"/> Ear: number of grains			
Mean	24.36	25.45	22.36
Std. Deviation	1.36	2.02	1.50
Lsd/sig	2.11	ns	ns
<input checked="" type="checkbox"/> Awns: length (cm)			
Mean	9.03	9.01	13.50
Std. Deviation	0.51	1.33	0.51
Lsd/sig	1.08	ns	P≤0.01

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2011/221
Variety Name	'Wimmera'
Genus Species	<i>Hordeum vulgare</i>
Common Name	Barley
Synonym	Nil
Accepted Date	04 Nov 2011
Applicant	Agriculture Victoria Services Pty Ltd, Attwood, Victoria and Grains Research & Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Amanda Box

Details of Comparative Trial

Location	Charlick Experimental Research Station, Strathalbyn, South Australia
Descriptor	Barley (<i>Hordeum vulgare</i>) TG/19/10
Period	12th July 2011 to 8th December 2011
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 600 plants.
Trial Design	Four replicates of each genotype were sown on 12th July 2011 in plots 6 rows x 3.2 metres.
Measurements	Fifteen randomly selected plants were assessed individually for each trait.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Wimmera' was produced from a cross between the varieties 'Scarlett' and 'Gairdner' by controlled pollination in 1998. Heads were chosen from selected F₂ single plants in 1999 and these heads bulked to form a F₃ bulk sown in the summer of 1999/2000. F₃ derived F₄ generation material was selected for agronomic type, physical and NIR grain quality in 2000. F₃ derived F₅ generation material was evaluated at 3 locations in Victoria in 2001 and selected on the basis of grain yield, agronomic characteristics, physical and NIR grain quality. F₅ derived F₆ generation single plant reselections were grown in a seed increase row in the summer of 2001/02 and assessed for phenological type. F₅:F₇ generation material was grown at 3 locations in Victoria in 2002 although grain yield was only recorded from one location due to drought. Selection was based on NIR quality predictions of malted samples retained from the F₅ generation trial, grain yield, physical grain quality, agronomic type and powdery mildew resistance. In 2003, F₅ derived F₈ material was grown at 8 locations in Victoria and South Australia and selected for grain yield, physical and malt quality, and relative resistance to leaf rust, scald and stripe rust. In 2004, material was grown at 8 locations in southern Australia (WA, SA, Vic and NSW). Selection proceeded for grain yield, foliar disease resistance, physical and malt quality. In 2005, 'Wimmera' was included in 23 regional evaluation trials across southern Australia, where selection continued for yield, physical and micromalt quality assessment, and disease resistance. As 'Wimmera' was mixed for rachilla hair type, 80 reselections were taken from the original Wimmera (at approximately F₁₂ generation) in 2007, seed multiplied and assessed at DPI Victoria, Horsham in 2008 for rachilla hair type. Concurrently, the reselections were assessed using a panel of 16 SNP markers to determine line

homogeneity. Based on these results, 28 reselections were discarded and the remaining selections classified into 15 subgroups (lines) by DPI Victoria that formed the basis for further evaluation in 2009 and 2010 by the University of Adelaide with whom commercialisation rights were granted. Subsequently, from these 15 lines, the 6 best lines were selected according to uniformity of plant height and maturity, and foliar disease resistance. These 6 lines were further evaluated in yield trials at 3 locations in South Australia and Victoria in 2009, resulting in one line being selected for superior grain yield, grain plumpness, foliar disease resistance and malt quality. This selection was used as the foundation for pure seed production in 2010. No off types were observed and all rows were bulked. Breeder: David Moody, Department of Primary Industries, Victoria.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of leaf sheaths	absent
Flag leaf	anthocyanin colouration of auricles	present
Awns	anthocyanin colouration of tips	present
Ear	glaucosity	weak
Plant	length	short to medium
Ear	number of rows	two
Ear	density	lax
Sterile spikelet	attitude	parallel to weakly divergent
Grain	husk	present
Grain	hairiness of ventral furrow	absent
Season	type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Gairdner	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Scarlett'	Plant: straw strength	very strong	medium	
'Fathom'	Plant: growth habit	semi-prostrate	erect	
'Skipper'	Plant: growth habit	semi-prostrate	erect	
'Australia'				
'VT Admiral'	Flag leaf: intensity of anthocyanin colouration of auricles	strong	medium	
'Navigator'	Flag leaf: intensity of anthocyanin colouration of auricles	strong	very weak to weak	
	Flag leaf: intensity of	strong	weak	

'Fathom'	anthocyanin colouration of auricles		
	Flag leaf: intensity of	strong	medium
'Skipper Australia'	anthocyanin colouration of auricles		
	Time of ear emergence	late	very early
'Fathom'	Time of ear emergence	late	very early to early
'Skipper Australia'	Awn: anthocyanin colouration of tips	present	absent
'Navigator'	Awn: intensity of anthocyanin colouration of tips	medium to strong	very weak to weak
'VT Admiral'	Awn: intensity of anthocyanin colouration of tips	medium to strong	very weak
'Fathom'	Ear: glaucosity	weak	medium
	Ear: glaucosity	weak	medium
'VT Admiral'	Plant: length	short to medium	long
'Skipper Australia'	Plant: length	short to medium	long
'Fathom'	Ear: density	lax	medium
'Skipper Australia'	Ear: density	lax	medium to dense
'VT Admiral'	Ear: density	lax	medium
'Fathom'	Awn: length	long	medium
'Skipper Australia'	Sterile spikelet: attitude	parallel to weakly divergent	divergent
'Skipper Australia'	Sterile spikelet: attitude	parallel to weakly divergent	divergent
'Fathom'	Grain: rachilla hair type	long	short
'Skipper Australia'	Grain: hairiness of ventral furrow	absent	present
'VT Admiral'	Grain: hairiness of ventral furrow	absent	present
'VT Admiral'			
'Fathom'			

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	‘Wimmera’	‘Gairdner’
<input type="checkbox"/> *Plant: growth habit	semi-prostrate	prostrate
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent
<input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	present
<input checked="" type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	strong	medium
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low
<input checked="" type="checkbox"/> Flag leaf: glaucosity of sheath	weak to medium	medium
<input type="checkbox"/> *Time of: ear emergence	late to very late	late
<input type="checkbox"/> *Awns: anthocyanin colouration of tips	present	present
<input type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	medium to strong	medium
<input type="checkbox"/> *Ear: glaucosity	weak	weak
<input checked="" type="checkbox"/> Ear: attitude	erect to semi-erect	semi-erect to horizontal
<input type="checkbox"/> *Plant: length	short to medium	short to medium
<input type="checkbox"/> *Ear: number of rows	two	two
<input checked="" type="checkbox"/> Ear: shape	tapering	parallel
<input type="checkbox"/> *Ear: density	lax	lax
<input type="checkbox"/> Ear: length	long	long
<input checked="" type="checkbox"/> *Awn: length	long	long
<input checked="" type="checkbox"/> Rachis: length of first segment	medium to long	short
<input checked="" type="checkbox"/> Rachis: curvature of first segment	absent or very weak	medium
<input type="checkbox"/> *Sterile spikelet: attitude	parallel to weakly divergent	parallel to weakly divergent
<input type="checkbox"/> Median spikelet: length of glume and its awn relative to grain	equal	equal
<input checked="" type="checkbox"/> *Grain: rachilla hair type	long	short
<input type="checkbox"/> *Grain: husk	present	present
<input type="checkbox"/> Grain: anthocyanin colouration of nerves of lemma	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Grain: spiculation of inner lateral nerves of dorsal side of lemma	medium	weak

<input type="checkbox"/>	*Grain: hairiness of ventral furrow	absent	absent
<input type="checkbox"/>	Grain: disposition of lodicules	clasping	clasping
<input type="checkbox"/>	Kernel: colour of aleurone layer	whitish	whitish
<input type="checkbox"/>	*Season: type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Wimmera’	‘Gairdner’
<input checked="" type="checkbox"/> Grain: rachilla length	medium	long
<input checked="" type="checkbox"/> Grain: Lemma base shape	depressed	creased

Statistical Table

Organ/Plant Part: Context	‘Wimmera’	‘Gairdner’
<input type="checkbox"/> Plant: length (cm)		
Mean	81.26	79.14
Std. Deviation	1.71	2.63
Lsd/sig	3.356	ns
<input type="checkbox"/> Ear: length (cm)		
Mean	9.55	9.85
Std. Deviation	0.40	0.75
Lsd/sig	0.90	ns
<input checked="" type="checkbox"/> Ear: number of grains		
Mean	30.80	28.50
Std. Deviation	1.23	2.01
Lsd/sig	2.27	P≤0.01
<input checked="" type="checkbox"/> Awns: length (cm)		
Mean	11.40	9.87
Std. Deviation	0.44	0.66
Lsd/sig	0.94	P≤0.01

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2008/248
Variety Name	'Little Silver'
Genus Species	<i>Callistemon viminalis</i>
Common Name	Bottlebrush
Synonym	Nil
Accepted Date	29 Aug 2008
Applicant	Terence Charles Keogh, Victoria Point, QLD.
Agent	n/a
Qualified Person	Deo Singh

Details of Comparative Trial

Location	209 Bunker Rd, Victoria Point, QLD
Descriptor	National Descriptor for Callistemon (PBR CALL)
Period	2008 to 2011
Conditions	The plants were grown on the wire bench in full sun, under standard nursery practices.
Trial Design	Fifteen plants of each were grown in a randomised block design.
Measurements	Measurements were taken from five plants at random.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: Pollen of *Callistemon viminalis* 'Little John' was applied to emasculated flowers of *Callistemon viminalis* 'Pindi Pindi' under controlled conditions in Victoria Point, QLD. Resulting seeds were collected and germinated. Six of the resulting F1 plants were selected and cross pollinated with each other. Twenty plants from F2 population were selected and planted out in the field. One plant was found to have silver leaves and had dwarf growth habit. This was propagated through a number of generations and was found to be true to type. Breeder: Terence Charles Keogh, Victoria Point, QLD.

Choice of Comparators

Characteristic 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	attitude	upright to spreading
Plant	height	short to medium
Plant	width	narrow to medium
Plant	branching	weak to medium
Leaf	length	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Little Caroline'	Growth habit medium, with light green leaves.
'Little John'	Growth habit short, with hairy leaves. 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	'Little Silver'	'Little Caroline'	'Little John'
<input type="checkbox"/> Plant: attitude	upright to spreading	upright to spreading	upright to spreading
<input checked="" type="checkbox"/> Plant: density	weak to medium	medium	medium to strong
<input type="checkbox"/> Plant: height	medium	short to medium	short
<input type="checkbox"/> Plant: width	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/> Plant: branching	weak to medium	weak to medium	medium
<input type="checkbox"/> Leaf: length	medium	medium	medium
<input type="checkbox"/> Leaf: width	broad	broad	medium
<input checked="" type="checkbox"/> Leaf: colour of mature leaf upper side (RHS colour chart)	138AB	137A	N137A
<input checked="" type="checkbox"/> Leaf: colour of mature leaf lower side (RHS colour chart)	138B	137BC	137C

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Little Silver'	'Little Caroline'	'Little John'
<input type="checkbox"/> Leaf: length including petiole	about 50-58mm	about 56-60mm	about 37-38mm
<input type="checkbox"/> leaf: width	about 8.5-10.0mm	about 9mm	about 5-7mm
<input checked="" type="checkbox"/> Leaf: hairiness	absent to weak	medium	strong

Prior Applications and Sales

Nil

Description: **Deo Singh**, Ormiston, QLD.

Details of Application

Application Number	2009/045
Variety Name	'Little Caroline'
Genus Species	<i>Callistemon viminalis</i>
Common Name	Bottlebrush
Synonym	Nil
Accepted Date	10 Apr 2009
Applicant	Terence Charles Keogh, Victoria Point, QLD
Agent	n/a
Qualified Person	Deo Singh

Details of Comparative Trial

Location	Unique Plants, Bunker Rd, Victoria Point, QLD
Descriptor	National Descriptor for Callistemon (PBR CALL)
Period	2008 - 2011
Conditions	Plants were grown on wire benches in full sun under standard nursery practices.
Trial Design	Fifteen plants of each were grown in a randomized block design.
Measurements	Measurements were taken from five plants at random.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: Pollen of *Callistemon viminalis* 'Little John' was applied to emasculated flowers of *Callistemon viminalis* 'Wildfire' under controlled conditions in Victoria Point, QLD. Resulting seeds were germinated, and ten plants were selected and were grown in the field for three years. Plants from this F1 population were further cross pollinated, seeds were germinated and seventy of the resulting F2 seedlings were planted in field. *Callistemon viminalis* 'Little Caroline' was found to be dwarf, dense and had light coloured leaves. This has gone through several generations and has been found to be true to type. Breeder: Terence Charles Keogh, Victoria Point, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	attitude	upright to spreading
Plant	height	short to medium
Plant	width	narrow to medium
Plant	branching	weak to medium
Leaf	length	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Little Silver'	'Little Caroline' is somewhat between 'Little Silver' and 'Little John' in growth habit.
'Little John'	A short hairy variety. 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	‘Little Caroline’	‘Little john’	‘Little Silver’
<input type="checkbox"/> Plant attitude	upright to spreading	upright to spreading	upright to spreading
<input checked="" type="checkbox"/> Plant: density	medium	medium to strong	weak to medium
<input type="checkbox"/> Plant: height	short to medium	short	medium
<input type="checkbox"/> Plant: width	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/> Plant: branching	weak to medium	medium	weak to medium
<input type="checkbox"/> Leaf: length	medium	medium	medium
<input type="checkbox"/> Leaf: width	broad	medium	broad
<input checked="" type="checkbox"/> Leaf: colour of mature leaf upper side (RHS colour chart)	137A	N137A	138AB
<input checked="" type="checkbox"/> Leaf: colour of mature leaf lower side (RHS colour chart)	137BC	137C	138B

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Little Caroline’	‘Little john’	‘Little Silver’
<input type="checkbox"/> Leaf: length including petiole	about 56-60mm	about 37-38mm	about 50-58mm
<input type="checkbox"/> leaf: width	about 9mm	about 5-7mm	about 8.5-10mm
<input checked="" type="checkbox"/> Leaf: hairiness	medium	strong	absent to weak

Prior Applications and Sales

Nil

Description: **Deo Singh** , Ormiston, QLD.

Details of Application

Application Number	2012/056
Variety Name	'Lakota'
Genus Species	<i>Cenchrus ciliaris</i>
Common Name	Buffel Grass
Synonym	Cool Buff
Accepted Date	10 Apr 2012
Applicant	Pogue Agri Partners, Inc, Kenedy, TX, USA and Antonio Narro Autonomous Agrarian University, Saltillo, Mexico
Agent	Heritage Seeds, Richlands, QLD

Qualified Person Leonard Song

Details of Comparative Trial

Location	Blanchview, Queensland
Descriptor	PBR BUFFELS (<i>Cenchrus ciliaris</i>)
Period	November 2011 - July 2012
Conditions	Plants were grown on alluvial sandy loam soil with irrigation and weed control as required. Seedlings were transplanted in the last week of November 2011, with irrigation applied directly after transplanting.
Trial Design	Two generations of 'Lakota' were compared with 'American', 'Gayndah' and 'Biloela' (comparators). The trial was set up as a randomised block experiment with three replicates. Each plot of 5 sq m has 20 spaced plants grown in 2 rows, with row spacing of 1m and plant spacing of 50cm along the row.
Measurements	Plant height (cm) was measured on 60 plants between January - February 2012 when plants attained maximum height at maturity. Head colour and leaf colour were recorded using the RHS colour chart. Resistance to buffel leaf blight (<i>Pyricularia grisea</i>) was scored for each plant as resistant or susceptible at maturity.
RHS Chart - Edition	1995

Origin and Breeding

Controlled pollination: 'Lakota' (PS-711) is a tetraploid apomictic hybrid generated from the buffel grass breeding program between Pogue Agri Partners (Kenedy, Texas) and Autonomous Agrarian University (Saltillo, Mexico). The tetraploid was selected as an advance line from the cross between TAM-CRD-B-1s (female parent) and Zaragoza-115. TAM-CRD-B-1s is a sexual tetraploid developed from the above joint program (Bashaw, 1962)*. It was crossed as a female parent to Zaragoza-115 as the male parent. Zaragoza-115 (or wZ-115) is a cold tolerant apomictic tetraploid. 'Lakota' was selected for buffel leaf blight resistance (*Pyricularia grisea*), cold tolerance and improved agronomic performance such as forage yield and winter active regrowth. Data from Pogue Seeds in USA demonstrated 'Lakota' produced significantly higher forage yield than 'American' (labelled as T-4464) and 'Gayndah' and showed better persistency and leaf blight resistance. Breeder: Dr. Jorge Raúl González Domínguez, Dra. Susana Gómez Martínez, Universidad Autónoma Agraria Antonio Narro (UAAAN), Saltillo, Mexico.

*Bashaw, E C (1962), Apomixis and sexuality in buffel grass. Crop Science 2: 412.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	erect
Plant	stolons	absent
Plant	rhizomes	present
Culm	leaf sheath auricle	absent
Culm	ligule	present
Culm	leaf shape	linear
Culm	width	narrow
Awn	length	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘American’	susceptible to buffel leaf blight
‘Gayndah’	resistant to buffel leaf blight
‘Biloela’	susceptible to buffel leaf blight

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Viva’	Plant height	tall	short
‘Bella’	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	‘Lakota’	‘American’	‘Biloela’	‘Gayndah’
<input type="checkbox"/> Plant: growth habit	erect	erect	erect	erect
<input type="checkbox"/> Plant: stolons	absent	absent	absent	absent
<input type="checkbox"/> Plant: rhizomes	present	present	present	present
<input type="checkbox"/> Culm: length	long	medium	long	short to medium
<input type="checkbox"/> Culm: width	narrow	narrow	narrow	narrow
<input type="checkbox"/> Culm: number of internodes	few to medium	few	few to medium	few to medium
<input checked="" type="checkbox"/> Culm: leaf colour (RHS colour chart)	137 B-D	137 B-D	138 B-D	139 B-D
<input type="checkbox"/> Culm: leaf blade surface	scaberulous	smooth	scaberulous	smooth
<input type="checkbox"/> Culm: leaf blade veneration	flat	flat	flat	flat
<input type="checkbox"/> Culm: blade margin	scaberulous	scaberulous	scaberulous	scaberulous
<input type="checkbox"/> Culm: leaf sheath auricle	absent	absent	absent	absent

<input type="checkbox"/>	Culm: ligule	present	present	present	present
<input type="checkbox"/>	Culm: ligule structure	fringe of hairs (membrane absent or obscure)	fringe of hairs (membrane absent or obscure)	fringe of hairs (membrane absent or obscure)	ciliate membrane (apical hairs as long as, or longer than, membrane)
<input type="checkbox"/>	Collar: colour	same as leaf sheath	same as leaf sheath	same as leaf sheath	same as leaf sheath
<input type="checkbox"/>	Collar: hairiness	absent	present	absent	present
<input type="checkbox"/>	Peduncle: length	long	long	long	medium to long
<input type="checkbox"/>	Culm: flag leaf length	medium to long	short	long	short
<input type="checkbox"/>	Culm: flag leaf width	narrow	narrow	narrow	narrow
<input type="checkbox"/>	Culm: flag leaf shape	linear	linear	linear	linear
<input type="checkbox"/>	Culm: pubescence of leaf sheath	absent	present	absent	present
<input type="checkbox"/>	Culm: extent of pubescence on leaf sheath	weak	medium	weak	strong
<input type="checkbox"/>	Culm: distribution of pubescence on leaf sheath	one-third	full	one-third	half
<input type="checkbox"/>	Culm: leaf blade length	long	short to medium	long	short to medium
<input type="checkbox"/>	Culm: leaf blade width	narrow	narrow	narrow	narrow
<input type="checkbox"/>	Culm: leaf shape	linear	linear	linear	linear
<input type="checkbox"/>	Culm: leaf blade glaucosity	absent	absent	absent	absent
<input type="checkbox"/>	Culm: shape of leaf apex	narrow acute	narrow acute	narrow acute	narrow acute
<input type="checkbox"/>	Culm: leaf blade pubescence	present	present	absent	present
<input type="checkbox"/>	Culm: extent of pubescence on leaf blade	medium	strong	-	strong
<input type="checkbox"/>	Culm: distribution of leaf blade pubescence	upper side	upper side	upper side	upper side
<input type="checkbox"/>	Culm: node pubescence	absent	absent	absent	absent
<input type="checkbox"/>	Culm: stem pubescence	absent	absent	absent	absent
<input type="checkbox"/>	Culm: extent of pubescence of nodes	weak	weak	weak	weak
<input type="checkbox"/>	Culm: extent of pubescence of stem	weak	strong	weak	medium
<input checked="" type="checkbox"/>	Inflorescence: colour of head (RHS)	177 A-D	177 A-D	164 A-D	164 A-D
<input type="checkbox"/>	Awn: length	medium	medium	medium	medium

<input type="checkbox"/>	Seed: intensity of brown colour at the base of fascicle	dark	dark	light	light
<input checked="" type="checkbox"/>	Plant: resistance to leaf blight (<i>Pyricularia grisea</i>)	present	absent	absent	present

Statistical Table

Organ/Plant Part: Context	'Lakota'	'American'	'Biloela'	'Gayndah'
<input checked="" type="checkbox"/> Plant: height (cm)				
Mean	98.70	68.80	94.00	62.30
Std. Deviation	7.10	18.20	11.20	8.40
LSD/sig	7.5	P≤0.01	ns	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2003	Granted	'PS-711'

First sold in the USA in Jun 2008.

Description: **Leonard Song, Heritage Seeds**, Richlands, QLD.

Details of Application

Application Number	2007/332
Variety Name	'LEL C03'
Genus Species	<i>Cordyline australis</i> x <i>Cordyline banksii</i>
Common Name	Cabbage Tree
Synonym	Nil
Accepted Date	17 Dec 2008
Applicant	Lyder Enterprises Limited, Auckland, New Zealand
Agent	Crop & Nursery Services, Kincumber, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Carabooda, WA.
Descriptor	<i>Cordyline</i> (<i>Cordyline</i> spp) PBR CORD.
Period	Feb to May 2009.
Conditions	Trial conducted in open beds, plants originally propagated from micropropagation, finally 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 followed by repeated *in vitro* progeny selection: seed parent *Cordyline australis* 'Albertii' x pollen parent *C. banksii* x *C. australis* 'Purple Tower'. In the early 1990s seedlings resulting from the above mentioned cross pollination were selected for evaluation as potential new cultivars. In 2002 a further selection of ten different unique plants was made by Lyder Enterprises Limited from several hundred progeny from the Duncan and Davies Contracting Limited mother stock plants.

These ten unique selections were initiated by Lyder Enterprises Ltd (LEL) into micro propagation and re-selected and evaluated for several years while being compared to existing similar varieties and the parent forms *in vitro* and *ex vitro*.

The final cycle of selection occurred in 2005/06 when 'LEL C03' was selected as a sport from the reselected progeny of the ten unique plants on the basis of its attractive pink leaf variegation, good rooting performance and good establishment performance in propagation. It was found to reproduce in a uniform and stable manner. The original seed parent is characterised by its green and cream coloured leaf variegation. The original pollen parent is characterised by an absence of leaf variegation and purple coloured leaf. Sibling varieties in the *in vitro* selection phase had poor rooting and establishment performance. The final selection took place in Zhejiang Academy of Agricultural Sciences, Zhejiang, Peoples Republic of China. Selection criteria: attractive, strong pink variegation present and good rooting and establishment performance in propagation. Propagation: vegetative, by micropropagation. Breeder: Lyder Enterprises Limited, Auckland, 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	number of colours on upper side	two
Leaf	predominant colour group	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Purple Sensation	<i>C. australis</i> x <i>C. banksii</i>
'LELC01'	<i>C. banksii</i> x <i>C. australis</i>
'LELC02'	<i>C. banksii</i> x <i>C. australis</i>
'LELC04'	<i>C. banksii</i> x <i>C. australis</i>

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Red Star'	Leaf number of colours on upper side	two	one	Also has a narrower leaf and lighter leaf colour.
'Jurassic Jade'	Leaf Predominant colour group	pink	green	
'Torbay Dazzler'	Leaf Predominant colour group	pink	green	
un-named siblings	Plant propensity in propagation to grow roots and establish ex vitro	strong	weak	

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	'LEL C03'	'LELC01'	'LELC02'	'LELC04'	'Purple Sensation'
<input checked="" type="checkbox"/> Plant: height of foliage	medium	tall	tall	medium	medium to tall
<input checked="" type="checkbox"/> Stem: branching	absent	absent	absent	absent	present
<input checked="" type="checkbox"/> Leaf: length	medium	long	long	medium	medium to long
<input checked="" type="checkbox"/> Leaf: width at broadest part	medium	broad	broad	medium to broad	medium
<input type="checkbox"/> Leaf: number of colours on upper side	two	two	two	two	two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	200B	N200A	N199A	N200A	200B
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (RHS Colour Chart)	ca 53C	181B	180D	47D	178A

<input checked="" type="checkbox"/>	Leaf: distribution of secondary colour on upper side	margin zone	margin zone	middle zone	margin zone	middle zone
<input type="checkbox"/>	Leaf: attitude of bottom half of leaf	erect to semi-erect	erect to semi-erect	semi-erect	erect to semi-erect	semi-erect
<input checked="" type="checkbox"/>	Leaf: attitude of top half of leaf	semi-erect	semi-erect	weeping	semi-erect	semi-weeping
<input checked="" type="checkbox"/>	Leaf: glossiness of upper side	weak	medium	medium	weak	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘LEL C03’	‘LELC01’	‘LELC02’	‘LELC04’	‘Purple Sensation’
<input checked="" type="checkbox"/> Leaf: main colour of lower side (RHS)	200B	N200A	N199A	N200B	200B

Statistical Table

Organ/Plant Part: Context	‘LEL C03’	‘LELC01’	‘LELC02’	‘LELC04’	‘Purple Sensation’
<input checked="" type="checkbox"/> Leaf: width (mm)					
Mean	24.20	37.50	38.30	30.40	26.20
Std. Deviation	1.90	3.10	2.30	1.50	3.10
LSD/sig	2.97	P≤0.01	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2006	Applied	‘Sunrise’

Prior sale: Nil.

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

Note: This is an amended description originally published in *Plant Varieties Journal* Vol. 22 No. 2.

Details of Application

Application Number	2007/333
Variety Name	'LEL C04'
Genus Species	<i>Cordyline australis</i> x <i>Cordyline banksii</i>
Common Name	Cabbage Tree
Synonym	Southern Splendour
Accepted Date	17 Dec 2008
Applicant	Lyder Enterprises Limited, Auckland, New Zealand
Agent	Crop & Nursery Services, Kincumber, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Carabooda, WA.
Descriptor	<i>Cordyline</i> (<i>Cordyline</i> spp) PBR CORD.
Period	Feb to May 2009.
Conditions	Trial conducted in open beds, plants originally propagated from micropropagation originally, finally 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 followed by repeated *in vitro* progeny selection: seed parent *Cordyline australis* 'Albertii' x pollen parent *C. banksii* x *C. australis* 'Purple Tower'. In the early 1990s seedlings resulting from the above mentioned cross pollination were selected for evaluation as potential new cultivars. In 2002 a further selection of ten different unique plants was made by Lyder Enterprises Limited from several hundred progeny from the Duncan and Davies Contracting Limited mother stock plants.

These ten unique selections were initiated by Lyder Enterprises Ltd (LEL) into micro propagation and re-selected and evaluated for several years while being compared to existing similar varieties and the parent forms *in vitro* and *ex vitro*.

The final cycle of selection occurred in 2005/06 when 'LEL C04' was selected as a sport from the reselected progeny of the ten unique plants on the basis of its attractive pink leaf variegation, good rooting performance and good establishment performance in propagation. It was found to reproduce in a uniform and stable manner. The original seed parent is characterised by its green and cream coloured leaf variegation. The original pollen parent is characterised by an absence of leaf variegation and purple coloured leaf. Sibling varieties in the *in vitro* selection phase had poor rooting and establishment performance. The final selection took place in Zhejiang Academy of Agricultural Sciences, Zhejiang, Peoples Republic of China. Selection criteria: attractive, strong pink variegation present and good rooting and establishment performance in propagation. Propagation: vegetative, by micropropagation. Breeder: Lyder Enterprises Limited, Auckland, 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	number of colours on upper side	two
Leaf	predominant colour group	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Purple Sensation’	<i>C. australis</i> x <i>C. banksii</i>
‘LELC01’	<i>C. banksii</i> x <i>C. australis</i>
‘LELC02’	<i>C. banksii</i> x <i>C. australis</i>
‘LELC03’	<i>C. banksii</i> x <i>C. australis</i>

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Red Star’	Leaf number of colours on upper side	two	one	Also has a narrower leaf and lighter leaf colour.
‘Jurassic Jade’	Leaf Predominant colour group	pink	green	
‘Torbay Dazzler’	Leaf Predominant colour group	pink	green	
un-named siblings	Plant propensity in propagation to grow roots and establish ex vitro	strong	weak	

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	‘LEL C04’	‘LELC01’	‘LELC02’	‘LELC03’	‘Purple Sensation’
<input checked="" type="checkbox"/> Plant: height of foliage	medium	tall	tall	medium	medium to tall
<input checked="" type="checkbox"/> Stem: branching	absent	absent	absent	absent	present
<input checked="" type="checkbox"/> Leaf: length	medium	long	long	medium	medium to long
<input checked="" type="checkbox"/> Leaf: width at broadest part	medium to broad	broad	broad	medium	medium
<input type="checkbox"/> Leaf: number of colours on upper side	two	two	two	two	two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	N200A	N200A	N199A	200B	200B
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side	47D	181B	180D	ca 53C	178A

(RHS Colour Chart)

<input checked="" type="checkbox"/>	Leaf: distribution of secondary colour on upper side	margin zone	margin zone	middle zone	margin zone	middle zone
<input type="checkbox"/>	Leaf: attitude of bottom half of leaf	erect to semi-erect	erect to semi-erect	semi-erect	erect to semi-erect	semi-erect
<input checked="" type="checkbox"/>	Leaf: attitude of top half of leaf	semi-erect	semi-erect	weeping	semi-erect	semi-weeping
<input checked="" type="checkbox"/>	Leaf: glossiness of upper side	weak	medium	medium	weak	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LEL C04'	'LELC01'	'LELC02'	'LELC03'	'Purple Sensation'
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<input checked="" type="checkbox"/>	Leaf: main colour of lower side (RHS)	N200B	N200A	N199A	200B	200B
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Statistical Table

Organ/Plant Part: Context	'LEL C04'	'LELC01'	'LELC02'	'LELC03'	'Purple Sensation'
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<input checked="" type="checkbox"/>	Leaf: width (mm)					
	Mean	30.40	37.50	38.30	24.20	26.20
	Std. Deviation	1.50	3.10	2.30	1.90	3.10
	LSD/sig	2.97	P≤0.01	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2006	Applied	'Southern Splendour'
USA	2007	Granted	'Southern Splendour'

First sold in UK in Mar 2006 under the name 'Pacific Dawn'.

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

Note: This is an amended description originally published in *Plant Varieties Journal* Vol. 22 No. 2.

Details of Application

Application Number	2007/331
Variety Name	'LEL C02'
Genus Species	<i>Cordyline australis</i> x <i>Cordyline banksii</i>
Common Name	Cabbage Tree
Synonym	Nil
Accepted Date	17 Dec 2008
Applicant	Lyder Enterprises Limited, Auckland, New Zealand
Agent	Crop & Nursery Services, Kincumber, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Carabooda, WA.
Descriptor	<i>Cordyline</i> (<i>Cordyline</i> spp.) PBR CORD.
Period	Feb to May 2009.
Conditions	Trial conducted in open beds, plants originally propagated from micropropagation, finally 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 followed by repeated *in vitro* progeny selection: seed parent *Cordyline australis* 'Albertii' x pollen parent *C. banksii* x *C. australis* 'Purple Tower'. In the early 1990s seedlings resulting from the above mentioned cross pollination were selected for evaluation as potential new cultivars. In 2002 a further selection of ten different unique plants was made by Lyder Enterprises Limited from several hundred progeny from the Duncan and Davies Contracting Limited mother stock plants.

These ten unique selections were initiated by Lyder Enterprises Ltd (LEL) into micro propagation and re-selected and evaluated for several years while being compared to existing similar varieties and the parent forms *in vitro* and *ex vitro*.

The final cycle of selection occurred in 2005/06 when 'LEL C02' was selected as a sport from the reselected progeny of the ten unique plants on the basis of its attractive pink leaf variegation, good rooting performance and good establishment performance in propagation. It was found to reproduce in a uniform and stable manner. The original seed parent is characterised by its green and cream coloured leaf variegation. The original pollen parent is characterised by an absence of leaf variegation and purple coloured leaf. Sibling varieties in the *in vitro* selection phase had poor rooting and establishment performance. The final selection took place in Zhejiang Academy of Agricultural Sciences, Zhejiang, Peoples Republic of China. Selection criteria: attractive, strong pink variegation present and good rooting and establishment performance in propagation. Propagation: vegetative, by micropropagation. Breeder: Lyder Enterprises Limited, Auckland, 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	number of colours on upper side	two
Leaf	predominant colour group	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Purple Sensation’	<i>C. australis</i> x <i>C. banksii</i>
‘LELC01’	<i>C. banksii</i> x <i>C. australis</i>
‘LELC03’	<i>C. banksii</i> x <i>C. australis</i>
‘LELC04’	<i>C. banksii</i> x <i>C. australis</i>

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Red Star’	Leaf number of colours on upper side	two	one	Also has a narrower leaf and lighter leaf colour.
‘Jurassic Jade’	Leaf Predominant colour group	pink	green	
‘Torbay Dazzler’	Leaf Predominant colour group	pink	green	
un-named siblings	Plant propensity in propagation to grow roots and establish ex vitro	strong	weak	

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	‘LEL C02’	‘LELC01’	‘LELC03’	‘LELC04’	‘Purple Sensation’
<input checked="" type="checkbox"/> Plant: height of foliage	tall	tall	medium	medium	medium to tall
<input checked="" type="checkbox"/> Stem: branching	absent	absent	absent	absent	present
<input checked="" type="checkbox"/> Leaf: length	long	long	medium	medium	medium to long
<input checked="" type="checkbox"/> Leaf: width at broadest part	broad	broad	medium	medium to broad	medium
<input type="checkbox"/> Leaf: number of colours on upper side	two	two	two	two	two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	N199A	N200A	200B	N200A	200B
<input checked="" type="checkbox"/> Leaf: secondary	180D	181B	ca 53C	47D	178A

colour of upper side
(RHS Colour Chart)

<input checked="" type="checkbox"/> Leaf: distribution of secondary colour on upper side	middle zone	margin zone	margin zone	margin zone	middle zone
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	semi-erect	erect to semi-erect	erect to semi-erect	erect to semi-erect	semi-erect
<input checked="" type="checkbox"/> Leaf: attitude of top half of leaf	weeping	semi-erect	semi-erect	semi-erect	semi-weeping
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium	medium	weak	weak	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘LEL C02’	‘LELC01’	‘LELC03’	‘LELC04’	‘Purple Sensation’
<input checked="" type="checkbox"/> Leaf: main colour of lower side (RHS)	N199A	N200A	200B	N200B	200B

Statistical Table

Organ/Plant Part: Context	‘LEL C02’	‘LELC01’	‘LELC03’	‘LELC04’	‘Purple Sensation’
<input checked="" type="checkbox"/> Leaf: width (mm)					
Mean	38.30	37.50	24.20	30.40	26.20
Std. Deviation	2.30	3.10	1.90	1.50	3.10
LSD/sig	2.97	ns	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2006	Applied	‘LEL C02’

Prior sale nil.

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

Note: This is an amended description originally published in *Plant Varieties Journal* Vol. 22 No. 2.

Details of Application

Application Number	2009/051
Variety Name	'44C79'
Genus Species	<i>Brassica napus</i>
Coon Name	Canola
Synonym	Nil
Accepted Date	10 Apr 2009
Applicant	Pioneer Hi-Bred International, Inc., USA
Agent	Pioneer Hi-Bred Australia Pty Ltd, Toowoomba, QLD
Qualified Person	Rob Wilson

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	Canola/Rapeseed UPOV TG/36/6
Period	May 2010 - December 2010
Conditions	Field trial conducted on Red Brown Sandy Loam soil supplemented with Nitrogen and Phosphorus fertilisers
Trial Design	0.5m wide x 3 m long field plots. 4 replicates of each variety arranged in a randomised block design
Measurements	15 samples selected at random for each replicate of each variety

Origin and Breeding

Controlled pollination: '44C73' x 'AG-Castle'. Original crossings and doubled haploid production was done in Caledon, Ontario, Canada in 2004. All subsequent nursery evaluation and yield trials were conducted in Wagga Wagga, NSW, Australia. The breeding material underwent five cycles of selection with the selection criteria: tolerance to Imazamox (IMI), maturity, blackleg resistance, general vigour, oil and protein content. The variety has been maintained in the true form for more than three generations. The seed parent is susceptible to black leg disease whereas the candidate is moderately resistant. The pollen parent is susceptible to imidazolinone herbicide whereas the candidate is resistant to it.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	black leg resistance	moderately resistant
Plant	maturity	early to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'44C73'	most similar variety of coon knowledge

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Ag-Castle' Plant	Imidazolinon resistance	resistant	susceptible

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

Organ/Plant Part: Context	'44C79'	'44C73'
<input type="checkbox"/> *Seed: erucic acid	present	present
<input type="checkbox"/> Cotyledon: length	medium	medium
<input type="checkbox"/> Cotyledon: width	medium	medium
<input type="checkbox"/> *Leaf: green colour	light	light
<input type="checkbox"/> *Leaf: lobes	present	present
<input type="checkbox"/> *Leaf: number of lobes	medium	many
<input type="checkbox"/> *Leaf: dentation of margin	medium	medium to strong
<input type="checkbox"/> Leaf: length	medium	medium
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only)	medium	medium
<input type="checkbox"/> *Time of: flowering	early	very early to early
<input type="checkbox"/> *Flower: colour of petals	yellow	yellow
<input type="checkbox"/> Flower: length of petals	medium	medium
<input type="checkbox"/> Flower: width of petals	medium	medium
<input type="checkbox"/> Production of: pollen	present	present
<input type="checkbox"/> Plant: height at full flowering	low to medium	low to medium
<input type="checkbox"/> *Plant: total length including side branches	short to medium	short to medium
<input type="checkbox"/> Siliqua: length	medium	medium
<input type="checkbox"/> Siliqua: length of beak	medium	medium
<input type="checkbox"/> Siliqua: length of peduncle	medium	medium
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: strong for spring sown trials	strong	strong
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: strong for late sown trials	strong	strong

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'44C79'	'44C73'
<input checked="" type="checkbox"/> Plant: Blackleg resistance	moderately resistant	low

Statistical Table

Organ/Plant Part: Context	'44C79'	'44C73'
<input type="checkbox"/> Leaf: length(cm)		
Mean	18.54	18.41
Std. Deviation	1.48	1.59
LSD/sig	0.73	ns
<input type="checkbox"/> Leaf: width(cm)		
Mean	8.09	8.06
Std. Deviation	1.16	1.36
LSD/sig	0.56	ns
<input type="checkbox"/> Petal: length(mm)		
Mean	14.81	15.20
Std. Deviation	1.09	1.04
LSD/sig	0.46	ns
<input checked="" type="checkbox"/> Petal: width(mm)		
Mean	5.97	6.75
Std. Deviation	0.65	0.61
LSD/sig	0.31	P≤0.01
<input type="checkbox"/> Petal: length width ratio		
Mean	2.48	2.25
Std. Deviation	1.67	1.71
LSD/sig	0.73	ns
<input type="checkbox"/> Plant: height(cm)		
Mean	109.44	108.33
Std. Deviation	50.16	49.23
LSD/sig	53.81	ns
<input checked="" type="checkbox"/> Siliqua: length(mm)		
Mean	53.23	56.43
Std. Deviation	3.37	5.34
LSD/sig	2.40	P≤0.01
<input type="checkbox"/> Siliqua: length of beak(mm)		
Mean	11.48	11.43
Std. Deviation	1.44	1.99
LSD/sig	.088	ns
<input type="checkbox"/> Siliqua: length of peduncle(mm)		
Mean	20.51	18.90
Std. Deviation	3.36	3.91
LSD/sig	1.73	ns
<input checked="" type="checkbox"/> Siliqua: width(mm)		
Mean	4.68	5.50
Std. Deviation	0.35	0.49
LSD/sig	0.22	P≤0.01

Prior Applications and Sales

Nil.

Description: **Robert Wilson**, Wagga Wagga, NSW.

Details of Application

Application Number	2009/052
Variety Name	43C80
Genus Species	<i>Brassica napus</i>
Common Name	Canola
Synonym	Nil
Accepted Date	10 Apr 2009
Applicant	Pioneer Hi-Bred International, Inc., USA
Agent	Pioneer Hi-Bred Australia Pty Ltd, Toowoomba, QLD
Qualified Person	Rob Wilson

Details of Comparative Trial

Location	Wagga Wagga, NSW
Descriptor	UPOV TG/36/6 <i>Brassica napus</i>
Period	May 2010 - December 2010
Conditions	Field trial conducted on red brown sandy loam soil supplemented with nitrogen and phosphorus fertilisers.
Trial Design	0.5m wide x 3m long field plots, 4 replicates of each variety arranged in a randomised block design
Measurements	Fifteen samples selected at random for each replicate of each variety

Origin and Breeding

Controlled pollination: '44C73' x 'Rivette'. Original crossings and doubled haploid production was done in Caledon, Ontario, Canada in 2004 All subsequent nursery evaluation and yield trials were conducted in Wagga Wagga, NSW, Australia. The breeding material underwent five cycles of selection with the selection criteria – tolerance to Imazamox (IMI), maturity, blackleg resistance, general vigour, oil and protein content. The variety has been maintained in the true form for more than three generations. The seed parent is susceptible to black leg disease whereas the candidate is moderately resistant. The pollen parent is susceptible to imidazolinone herbicide whereas the candidate is resistant to it.

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	maturity	early-mid (4)
Plant	blackleg resistance	susceptible

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'44C73'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Rivette'	Plant herbicide resistance (imidazolinone)	resistant	susceptible	

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

Organ/Plant Part: Context	'43C80'	'44C73'
<input type="checkbox"/> *Seed: erucic acid	present	absent
<input type="checkbox"/> *Leaf: green colour	light	light
<input type="checkbox"/> *Leaf: lobes	present	present
<input type="checkbox"/> *Leaf: number of lobes	medium	medium
<input type="checkbox"/> *Leaf: dentation of margin	medium	medium
<input type="checkbox"/> Leaf: length	medium	medium
<input type="checkbox"/> Leaf: width	medium	medium
<input checked="" type="checkbox"/> *Time of: flowering	very early to early	early to medium
<input type="checkbox"/> *Flower: colour of petals	yellow	yellow
<input type="checkbox"/> Flower: length of petals	medium	medium
<input type="checkbox"/> Flower: width of petals	medium	medium
<input type="checkbox"/> Production of: pollen	present	present
<input type="checkbox"/> Plant: height	low to medium	low to medium
<input type="checkbox"/> *Plant: total length including side branches	short to medium	short to medium
<input type="checkbox"/> Siliqua: length	medium	medium
<input type="checkbox"/> Siliqua: length of beak	medium	medium
<input type="checkbox"/> Siliqua: length of peduncle	medium	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	'43C80'	'44C73'
<input type="checkbox"/> Leaf: length(cm)		
Mean	17.64	18.41
Std. Deviation	1.54	1.59
LSD/sig	0.73	ns
<input checked="" type="checkbox"/> Leaf: width(cm)		
Mean	7.48	8.06
Std. Deviation	1.17	1.36
LSD/sig	0.56	P≤0.01

<input type="checkbox"/>	Petal: length(mm)		
	Mean	14.75	15.20
	Std. Deviation	0.74	1.04
	LSD/sig	0.46	ns
	Means Separation		
<input checked="" type="checkbox"/>	Petal: width(mm)		
	Mean	6.38	6.75
	Std. Deviation	0.70	0.61
	LSD/sig	0.31	P≤0.01
<input type="checkbox"/>	Petal: length width ratio		
	Mean	2.31	2.25
	Std. Deviation	1.07	1.71
	LSD/sig	0.73	ns
<input type="checkbox"/>	Plant: height(cm)		
	Mean	116.67	108.33
	Std. Deviation	49.94	49.23
	LSD/sig	53.81	ns
<input checked="" type="checkbox"/>	Siliqua: length(mm)		
	Mean	50.44	56.43
	Std. Deviation	6.09	5.34
	LSD/sig	2.40	P≤0.01
	Means Separation		
<input type="checkbox"/>	Siliqua: length of beak(mm)		
	Mean	11.23	11.43
	Std. Deviation	2.16	1.99
	LSD/sig	0.88	ns
<input checked="" type="checkbox"/>	Siliqua: length of peduncle(mm)		
	Mean	20.87	18.90
	Std. Deviation	3.69	3.91
	LSD/sig	1.73	P≤0.01
	Means Separation		
<input checked="" type="checkbox"/>	Siliqua: width(mm)		
	Mean	4.86	5.50
	Std. Deviation	0.54	0.49
	LSD/sig	0.22	P≤0.01

Prior Applications and Sales

Nil.

Description: **Rob Wilson**, Wagga Wagga, NSW.

Details of Application

Application Number	2012/051
Variety Name	'Jackpot TT'
Genus Species	<i>Brassica napus</i>
Common Name	Canola
Synonym	Nil
Accepted Date	18 Apr 2012
Applicant	Pacific Seeds Pty Ltd, Toowoomba, Qld
Agent	Nil
Qualified Person	Ross Downes

Details of Comparative Trial

Location	Young, NSW
Descriptor	Canola/Rape Seed – UPOV TG/ 36/6 Corr.
Period	winter - spring 2102
Conditions	Dryland conditions
Trial Design	Randomised block of 10 m plots with four replications
Measurements	20 random samples were taken from each of the 4 reps.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The variety was developed from an F1 cross made in 2006 between the female parent BT2086 and a DPI Victoria conventional breeding pollen parent line, BC1864. An F1 plant was used to create a dihaploid breeding population. selection were made based on triazine tolerance, blackleg resistance and maturity, the line was coded T2447 in 2008. During the 2008 and 2009 winter seasons T2447 was evaluated at a number of locations in New South Wales, Victoria, South Australia and Western Australia where it was selected for yield performance, oil content, agronomic type and disease resistance. A summer seed increase of T2447 was completed in Tasmania in 2009/2010 and further seed increase in 2010 in New South Wales where no off types were identified. The breeding line T2447 is to be PBR registered as Jackpot TT. Breeder: Andrew Easton, Pacific Seeds Pty Ltd, Toowoomba, Qld

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	triazine tolerance	presence
Plant	blackleg resistance	present
Plant	flowering time	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'ATR Barra'	
'Fighter TT'	
'Hurricane TT'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Tawriffic'	Plant Blackleg resistance	moderate resistant	moderate susceptible	
'Crusher TT'	Plant Blackleg resistance	moderate resistant	moderate susceptible	
'ATR Cobbler'	Plant flowering time	medium late	early	
'ATR-Marlin'	Plant flowering time	medium late	early	
'Thunder TT'	Plant flowering time	medium late	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	'Jackpot TT'	'ATR Barra'	'Fighter TT'	'Hurricane TT'
<input type="checkbox"/> *Seed: erucic acid	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Leaf: green colour	dark	medium	medium	medium to dark
<input checked="" type="checkbox"/> *Leaf: lobes	present	absent	present	present
<input checked="" type="checkbox"/> *Leaf: number of lobes	many	few	few	many
<input type="checkbox"/> *Leaf: dentation of margin	medium	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: length	long	medium	short	short
<input checked="" type="checkbox"/> Leaf: width	broad	broad	narrow	medium
<input type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only)	long	-	short	short
<input type="checkbox"/> *Time of: flowering	medium to late	medium	medium	medium
<input type="checkbox"/> *Flower: colour of petals	yellow	yellow	yellow	yellow
<input type="checkbox"/> Flower: length of petals	medium	medium	medium	medium
<input type="checkbox"/> Flower: width of petals	medium	medium	medium	medium
<input type="checkbox"/> Production of: pollen	present	present	present	present
<input type="checkbox"/> Plant: height at full flowering	medium	medium	low	low
<input checked="" type="checkbox"/> *Plant: total length including side branches	medium	medium	short	short
<input checked="" type="checkbox"/> Siliqua: length	long	short	short	medium
<input checked="" type="checkbox"/> Siliqua: length of beak	medium	long	short	very short
<input checked="" type="checkbox"/> Siliqua: length of peduncle	long	medium	short	medium
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: for spring sown trials	very strong	very strong	very strong	very strong

<input type="checkbox"/>	Tendency to form inflorescences in year of sowing: for late summer sown trials	very strong	very strong	very strong	very strong
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Statistical Table

Organ/Plant Part: Context	'Jackpot TT'	'ATR-Barra'	'Fighter TT'	'Hurricane'
<input checked="" type="checkbox"/> Leaf: lobe number				
Mean	5.3	2.8	4.0	5.2
Std. Deviation	0.8	1.5	0.8	0.7
LSD/sig	0.63	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: length (cm)				
Mean	23.4	19.6	17.0	17.5
Std. Deviation	2.1	2.7	2.9	2.4
LSD/sig	1.5	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (cm)				
Mean	9.8	10.0	7.4	8.3
Std. Deviation	1.2	1.1	1.2	0.9
LSD/sig	0.7	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: length of petiole (cm)				
Mean	11.3		7.7	8.2
Std. Deviation	1.9		2.0	2.2
LSD/sig	1.1		P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant:total length (cm)				
Mean	109.0	109.4	96.5	96.3
Std. Deviation	6.8	6.4	7.5	6.0
LSD/sig	2.7	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Siliqua: length (mm)				
Mean	60.0	51.4	47.7	54.1
Std. Deviation	5.3	5.9	6.5	8.1
LSD/sig	2.6	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Siliqua: length of beak (mm)				
Mean	8.3	10.0	7.2	5.7
Std. Deviation	1.9	2.3	2.3	1.3
LSD/sig	0.86	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Siliqua: length of peduncle (mm)				
Mean	29.2	19.8	17.9	19.7
Std. Deviation	3.8	3.2	2.8	3.0
LSD/sig	1.4	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2012/007
Variety Name	'Little Silver'
Genus Species	<i>Olearia axillaris</i>
Common Name	Coastal Daisy Bush
Synonym	Nil
Accepted Date	02 Feb 2012
Applicant	George A Lullfitz, Wanneroo , WA
Agent	n/a
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Caporn street, Wanneroo, WA
Descriptor	General Descriptor
Period	August 2011 to January 2012
Conditions	Potted into 140mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety
Measurements	Observations were made on plants parts. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK
RHS Chart - edition	2007

Origin and Breeding

Phenotypic selection: During September 2009 a selection of an atypical compact dense growth and strongly silver leaved form from within a population of the species at Lancelin WA. November 2009, vegetative propagation from selection (generation 1). In March 2010 further testing based on the initial propagation and production responses were done. In April 2010 the plants were repropagated (generation 2), potted and evaluated for habit and agronomic traits. In July 2011 the final assessment was done. In July 2011 cutting propagation was done from this mother stock (generation 3). October 2011-Trials planted for final testing and comparison purposes. The variety 'Little Silver' demonstrates the characters for which it was selected. All generations were uniform and stable with no off types being observed. Breeder, George A Lullfitz.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Leaf	length of blade	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Compact form	This is the closest of the two compact forms of the species

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Little Smokie'	Leaf shape	obovate	broadly ovate	This variety was excluded from the comparative trial due to its very different rounded leaves.

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	Little Silver	Compact form
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input checked="" type="checkbox"/> Plant: height	short	medium
<input type="checkbox"/> Plant: width	medium	medium
<input checked="" type="checkbox"/> Stem: degree of hairiness	medium to high	high to very high
<input type="checkbox"/> Stem: thorns, prickles, spines etc	absent	absent
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	absent
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input checked="" type="checkbox"/> Leaf: size	medium	small
<input type="checkbox"/> Leaf: attitude	semi-erect	semi-erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input checked="" type="checkbox"/> Leaf: length of blade	medium	short
<input type="checkbox"/> Leaf: width of blade	narrow to medium	narrow
<input type="checkbox"/> Leaf: length of petiole	very short	very short
<input checked="" type="checkbox"/> Leaf: shape	obovate	elliptic
<input type="checkbox"/> Leaf: shape of apex	obtuse	obtuse
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: shape of cross-section	concave	concave
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	very weak	very weak
<input checked="" type="checkbox"/> Leaf: green colour	light	very light
<input type="checkbox"/> Leaf: presence of variegation	absent	absent

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2011/049
Variety Name	'WES04'
Genus Species	<i>Westringia fruticosa</i>
Common Name	Coastal Rosemary
Synonym	Nil
Accepted Date	13 May 2011
Applicant	NuFlora International Pty Ltd, Macquarie Fields, NSW
Agent	Ozbreed Pty Ltd, Clarendon, NSW
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Ozbreed, Cupitts Lane, Clarendon, NSW
Descriptor	National Descriptor for <i>Westringia</i> (PBR WEST)
Period	October 2011 to August 2012
Conditions	Open nursery area (full sun) with automatic overhead irrigation. Climatic conditions typical for the area near Windsor for the summer to winter period of the trial. Plants were potted into 200mm standard pots and fertilised with a single top dressing of controlled release fertiliser, which lasted for the period of the trial.
Trial Design	Two blocks each containing 15 plants of each of the candidate and nearest variety of common knowledge (VCK). All plants were reproduced from cuttings.
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: 'WES04' originated from a controlled pollination of *Westringia fruticosa* breeding lines in September 2004. The seed parent was characterised by medium plant height and the pollen parent was characterised by tall plant height. The seed from the cross was sown in March 2005. Growth of several seedlings took place, which were transplanted to the field from 100mm pots at the Plant Breeding Institute, Cobbitty in October 2005. In October 2009 a single seedling was selected as a promising plant for commercial use based on its dense growth habit. Trials and evaluation continued from 2009 to January 2012 to confirm DUS. Breeder: NuFlora International Pty Ltd, Macquarie Fields, 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	short
Plant	growth habit	rounded

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Milky Way'	'Milky Way' is the closest variety based on growth habit, height and flower colour

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sea Foam'	Leaf length	short	medium to long	This variety was excluded based on the larger leaf size
'Zena'	Plant growth habit	upright	open spreading	

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	'WES04'	'Milky Way'
<input checked="" type="checkbox"/> Plant: growth habit	upright	open spreading
<input type="checkbox"/> Plant: attitude of branches	erect	semi-erect
<input type="checkbox"/> Plant: height	short	very short
<input checked="" type="checkbox"/> Stem: colour (RHS colour chart)	146B	137B
<input type="checkbox"/> Stem: length of internode	short	very short
<input type="checkbox"/> Stem: hairiness	strong	very strong
<input type="checkbox"/> Stem: colour of hairs	whitish	whitish
<input type="checkbox"/> Stem: hairs (type)	pilose	pilose
<input type="checkbox"/> Leaf: length	short	very short
<input type="checkbox"/> Leaf: width	narrow to medium	narrow to medium
<input checked="" type="checkbox"/> Leaf: shape	ovate	narrow elliptic
<input type="checkbox"/> Leaf: apex	acute	acute
<input type="checkbox"/> Leaf: base	obtuse	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)	139A	139A
<input type="checkbox"/> Leaf: upper side hairs type	simple	simple
<input type="checkbox"/> Leaf: lower side hairiness	strong	strong
<input type="checkbox"/> Leaf: lower side hairiness colour	whitish	whitish
<input checked="" type="checkbox"/> Leaf: lower side colour (RHS chart)	189D	148D
<input type="checkbox"/> Leaf: lower side hairs type	solitary	solitary

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2011/044
Variety Name	'WES03'
Genus Species	<i>Westringia</i> hybrid
Common Name	Coastal Rosemary
Synonym	Nil
Accepted Date	13 May 2011
Applicant	NuFlora International Pty Ltd, Macquarie Fields, NSW
Agent	Ozbreed Pty Ltd, Clarendon, NSW
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Ozbreed, Cupitts Lane, Clarendon, NSW
Descriptor	National Descriptor for <i>Westringia</i> (PBR WEST)
Period	October 2011 to August 2012
Conditions	Open nursery area (full sun) with automatic overhead irrigation. Climatic conditions typical for the area near Windsor for the summer to winter period of the trial. Plants were potted into 200mm standard pots and fertilised with a single top dressing of controlled release fertiliser, which lasted for the period of the trial.
Trial Design	Two blocks each containing 15 plants of each of the candidate and nearest variety of common knowledge (VCK). All plants were reproduced from cuttings.
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: 'WES03' originated from a controlled pollination of two breeding lines in September 2004. Both parents were characterised by tall plant height. The seed from the cross was sown in March 2005. Growth of several seedlings took place, which were transplanted to the field from 100mm pots at the Plant Breeding Institute, Cobbitty in October 2005. In October 2009 a single seedling was selected as a promising plant for commercial use based on its upright growth habit and blue/purple flowers. Trials and evaluation continued from 2009 to January 2012 to confirm DUS. Breeder: NuFlora International Pty Ltd, Macquarie Fields, 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
Flower	colour	blue/purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Wynyabbie Gem'	Most similar variety due to flower colour and growth habit

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate	State of Expression in Comparator Variety
'Jervis Gem'	Foliage colour	147A	N189A
'WES01'	Leaf 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	'WES03'	'Wynyabbie Gem'
<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 to very tall
<input type="checkbox"/> Stem: colour (RHS colour chart)	147B to N186B	147B to N187A
<input checked="" type="checkbox"/> Stem: length of internode	short to medium	long to very long
<input type="checkbox"/> Stem: hairiness	medium	medium
<input type="checkbox"/> Stem: colour of hairs	whitish	whitish
<input type="checkbox"/> Stem: hairs (type)	pilose	pilose
<input checked="" type="checkbox"/> Leaf: length	short	long
<input type="checkbox"/> Leaf: width	narrow	narrow
<input 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 checked="" type="checkbox"/> Leaf: upper side hairiness	very weak to weak	medium to strong
<input type="checkbox"/> Leaf: upper side hairiness colour	whitish	whitish
<input type="checkbox"/> Leaf: upper side colour (RHS chart)	147A	147A
<input type="checkbox"/> Leaf: upper side hairs type	simple	simple
<input type="checkbox"/> Leaf: lower side hairiness	weak to medium	medium to strong
<input type="checkbox"/> Leaf: lower side hairiness colour	whitish	whitish
<input checked="" type="checkbox"/> Leaf: lower side colour (RHS chart)	147B	190A
<input type="checkbox"/> Leaf: lower side hairs type	solitary	solitary
<input type="checkbox"/> Flower: arrangement	solitary	solitary
<input type="checkbox"/> Flower: attitude	semi-erect	semi-erect
<input type="checkbox"/> Flower: position	axillary	axillary
<input checked="" type="checkbox"/> Flower: colour (RHS colour chart)	85A	N81D
<input type="checkbox"/> Flower: division	present	present
<input type="checkbox"/> Flower: number of division	2	2

Prior Applications and Sales

Nil.

Details of Application

Application Number	2011/048
Variety Name	'WES02'
Genus Species	<i>Westringia</i> hybrid
Common Name	Coastal Rosemary
Synonym	Nil
Accepted Date	13 May 2011
Applicant	NuFlora International Pty Ltd, Macquarie Fields, NSW
Agent	Ozbreed Pty Ltd, Clarendon, NSW
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Ozbreed, Cupitts Lane, Clarendon, NSW
Descriptor	National Descriptor for <i>Westringia</i> (PBR WEST)
Period	October 2011 to August 2012
Conditions	Open nursery area (full sun) with automatic overhead irrigation. Climatic conditions typical for the area near Windsor for the summer to winter period of the trial. Plants were potted into 200mm standard pots and fertilised with a single top dressing of controlled release fertiliser, which lasted for the period of the trial.
Trial Design	Two blocks each containing 15 plants of each of the candidate and nearest variety of common knowledge (VCK). All plants were reproduced from cuttings.
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Controlled Pollination: 'WES02' originated from a controlled pollination of two breeding lines in September 2004. Both parents were characterised by tall plant height. The seed from the cross was sown in March 2005. Growth of several seedlings took place, which were transplanted to the field from 100mm pots at the Plant Breeding Institute, Cobbitty in October 2005. In October 2009 a single seedling was selected as a promising plant for commercial use based on its dense growth habit. Trials and evaluation continued from 2009 to January 2012 to confirm DUS. Breeder: NuFlora International Pty Ltd, Macquarie Fields, 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	short
Plant	density	high

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jervis Gem'	This variety was considered closest on plant growth habit and flower colour

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'WES01'	Flower colour	76B	N87D
'Zina'	Plant growth habit	upright	open spreading

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	'WES02'	'Jervis Gem'
<input type="checkbox"/> Plant: growth habit	upright	upright
<input type="checkbox"/> Plant: attitude of branches	semi-erect	erect to semi-erect
<input type="checkbox"/> Plant: height	short	short
<input checked="" type="checkbox"/> Stem: colour (RHS colour chart)	146A	187A
<input checked="" type="checkbox"/> Stem: length of internode	medium	very short to short
<input checked="" type="checkbox"/> Stem: hairiness	medium	very strong
<input type="checkbox"/> Stem: colour of hairs	whitish	whitish
<input type="checkbox"/> Stem: hairs (type)	pilose	pilose
<input checked="" type="checkbox"/> Leaf: length	short to medium	very short to short
<input checked="" type="checkbox"/> Leaf: width	narrow to medium	very narrow to narrow
<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	weak
<input type="checkbox"/> Leaf: upper side hairiness colour	whitish	whitish
<input checked="" type="checkbox"/> Leaf: upper side colour (RHS chart)	147A	near N189A
<input type="checkbox"/> Leaf: upper side hairs type	simple	simple
<input type="checkbox"/> Leaf: lower side hairiness	medium to strong	very strong
<input type="checkbox"/> Leaf: lower side hairiness colour	whitish	whitish
<input checked="" type="checkbox"/> Leaf: lower side colour (RHS chart)	147C	190B
<input type="checkbox"/> Leaf: lower side hairs type	solitary	solitary
<input type="checkbox"/> Flower: arrangement	solitary	solitary
<input type="checkbox"/> Flower: attitude	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> Flower: position	axillary	axillary
<input type="checkbox"/> Flower: colour (RHS colour chart)	76B	n/a

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/330
Variety Name	'LEL C01'
Genus Species	<i>Cordyline australis</i> x <i>Cordyline banksii</i>
Common Name	Cordyline
Synonym	Coral
Accepted Date	17 Dec 2008
Applicant	Lyder Enterprises Limited, Auckland, New Zealand
Agent	Crop & Nursery Services, Kincumber, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Carabooda, WA.
Descriptor	Cordyline (<i>Cordyline</i> spp.) PBR CORD.
Period	Feb to May 2009.
Conditions	Trial conducted in open beds, plants propagated from micropropagation originally, finally 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 followed by repeated *in vitro* progeny selection: seed parent *Cordyline australis* 'Albertii' x pollen parent *C. banksii* x *C. australis* 'Purple Tower'. In the early 1990s seedlings resulting from the above mentioned cross pollination were selected for evaluation as potential new cultivars. In 2002 a further selection of ten different unique plants was made by Lyder Enterprises Limited from several hundred progeny from the Duncan and Davies Contracting Limited mother stock plants.

These ten unique selections were initiated by Lyder Enterprises Ltd (LEL) into micro propagation and re-selected and evaluated for several years while being compared to existing similar varieties and the parent forms *in vitro* and *ex vitro*.

The final cycle of selection occurred in 2005/06 when 'LEL C01' was selected as a sport from the reselected progeny of the ten unique plants on the basis of its attractive pink leaf variegation, good rooting performance and good establishment performance in propagation. It was found to reproduce in a uniform and stable manner. The original seed parent is characterised by its green and cream coloured leaf variegation. The original pollen parent is characterised by an absence of leaf variegation and purple coloured leaf. Sibling varieties in the *in vitro* selection phase had poor rooting and establishment performance. The final selection took place in Zhejiang Academy of Agricultural Sciences, Zhejiang, Peoples Republic of China. Selection criteria: attractive, strong pink variegation present and good rooting and establishment performance in propagation. Propagation: vegetative, by micropropagation. Breeder: Lyder Enterprises Limited, Auckland, 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	number of colours on upper side	two
Leaf	predominant colour group	pink
Plant	propensity in propagation to grow roots and establish ex vitro	strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Purple Sensation’	<i>C. australis</i> x <i>C. banksii</i>
‘LELC02’	<i>C. banksii</i> x <i>C. australis</i>
‘LELC03’	<i>C. banksii</i> x <i>C. australis</i>
‘LELC04’	<i>C. banksii</i> x <i>C. australis</i>

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate	State of Expression in Comparator	Comments
‘Red Star’	Leaf number of colours on upper side	two	one	Also has a narrower leaf and lighter leaf colour.
‘Jurassic Jade’	Leaf Predominant colour group	pink	green	
un-named siblings	Plant propensity in propagation to grow roots and establish ex vitro	strong	weak	

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	‘LEL C01’	‘LELC02’	‘LELC03’	‘LELC04’	‘Purple Sensation’
<input checked="" type="checkbox"/> Plant: height of foliage	tall	tall	medium	medium	medium to tall
<input checked="" type="checkbox"/> Stem: branching	absent	absent	absent	absent	present
<input checked="" type="checkbox"/> Leaf: length	long	long	medium	medium	medium to long
<input checked="" type="checkbox"/> Leaf: width at broadest part	broad	broad	medium	medium to broad	medium
<input type="checkbox"/> Leaf: number of colours on upper side	two	two	two	two	two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	N200A	N199A	200B	N200A	200B
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (RHS Colour Chart)	181B	180D	ca 53C	47D	178A
<input checked="" type="checkbox"/> Leaf: distribution of	margin zone	middle zone	margin zone	margin zone	middle zone

secondary colour on upper side

<input type="checkbox"/>	Leaf: attitude of bottom half of leaf	erect to semi-erect	semi-erect	erect to semi-erect	erect to semi-erect	semi-erect
<input checked="" type="checkbox"/>	Leaf: attitude of top half of leaf	semi-erect	weeping	semi-erect	semi-erect	semi-weeping
<input checked="" type="checkbox"/>	Leaf: glossiness of upper side	medium	medium	weak	weak	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LEL C01'	'LELC02'	'LELC03'	'LELC04'	'Purple Sensation'
<input checked="" type="checkbox"/> Leaf: main colour of lower side (RHS)	N200A	N199A	200B	N200B	200B

Statistical Table

Organ/Plant Part: Context	'LEL C01'	'LELC02'	'LELC03'	'LELC04'	'Purple Sensation'
<input checked="" type="checkbox"/> Leaf: width (mm)					
Mean	37.50	38.30	24.20	30.40	26.20
Std. Deviation	3.10	2.30	1.90	1.50	3.10
LSD/sig	2.97	ns	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2006	Applied	'LEL C01'

Prior sale nil.

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

Note: This is an amended description originally published in *Plant Varieties Journal* Vol. 22 No. 2.

Details of Application

Application Number	2011/091
Variety Name	'CorBzr01'
Genus Species	<i>Cordyline</i> hybrid
Common Name	Cordyline
Synonym	nil
Accepted Date	26 Jul 2011
Applicant	Mark Jury Nursery, Waitara, NZ
Agent	Anthony Tesselaar Plants Pty Ltd, Silvan, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	4/6 Safari Place, Carabooda, WA (Latitude 31°35' South, 115°43' East, elevation 44m).
Descriptor	PBR CORD (National Descriptor for <i>Cordyline</i> spp).
Period	December 2011 to September 2012
Conditions	The examination was conducted on the 13th of September 2012 at the property of Anthony Tesselaar Plants Pty Ltd in Silvan, Victoria from plants sent from a wholesale Nursery in Carabooda Western Australia on the previous day. The trial plants were randomly selected from a larger population of plants that had been maintained at a commercial wholesale plant nursery.
Trial Design	Ten plants of the candidate and both of the comparators were grown in 17cm pots in a pine bark potting mix. The plants were all propagated within a few weeks of each other and planted into the 17cm pots between September and December 2011 and were allowed to grow through the Summer, Autumn and Winter prior to the examination.
Measurements	Measurements were taken at random from each of the trial plants. One sample from each.
RHS Chart - edition	2007

Origin and Breeding

Induced mutation: 'CorBzr01' resulted from the manipulation of the parent 'JURred' in a tissue culture laboratory using chemicals to induce mutation in March 2007. In January 2008 the new variety was selected and multiplied over 10 generations in tissue culture. Any that reverted back to the parent were discarded. All work was carried out by Benzur Nurseries Ltd, Israel. All rights were transferred across to Mark Jury Nursery, New Zealand by assignment.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Stem	branching	absent
Plant	suckering	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Red Fountain' (JURred)	
'Sprilecpink'	

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	‘CorBzr01’	‘Red Fountain’ (JURred)	‘Sprilecpink’
<input checked="" type="checkbox"/> Plant: height of foliage	very short to short	short to medium	short to medium
<input type="checkbox"/> Stem: branching	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: length	short to medium	medium to long	short to medium
<input type="checkbox"/> Leaf: number of colours on upper side	two	one	two
<input type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	N187A	187A	200A
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (RHS Colour Chart)	184C		185B
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	semi-erect to horizontal	semi-erect	erect
<input type="checkbox"/> Leaf: attitude of top half of leaf	weeping	weeping	semi-erect
<input type="checkbox"/> Plant: suckering	present	present	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘CorBzr01’	‘Red Fountain’ (JURred)	‘Sprilecpink’
<input type="checkbox"/> Leaf: distribution of secondary colour on upper side	margin & middle		margin & middle

Statistical Table

Organ/Plant Part: Context	‘CorBzr01’	‘Red Fountain’ (JURred)	‘Sprilecpink’
<input checked="" type="checkbox"/> Leaf: Length (mm)			
Mean	53.60	92.20	53.90
Std. Deviation	3.20	6.73	4.56
Lsd/sig	5.511	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	14.15	19.35	19.73
Std. Deviation	1.50	1.43	1.72
Lsd/sig	1.707	P≤0.01	P≤0.01

Prior Applications and Sales

Prior applications nil.

First sold in Australia in July 2010.

Description: **Christopher Prescott**, Clyde, VIC.

Details of Application

Application Number	2011/042
Variety Name	'BLAPINK'
Genus Species	<i>Daphne x transatlantica</i>
Common Name	Daphne
Synonym	Spring Pink Eternal Fragrance
Accepted Date	07 Jun 2011
Applicant	Anthony Robin White and Susan Barbara White, Hampshire, UK
Agent	Plants Management Australia Pty Ltd, Dodges Ferry, TAS
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, Victoria
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Jan 2011 to Sept 2012
Conditions	Trial conducted in the open, plants propagated and grown in 50mm tubes then 140mm containers from January 2011 to December 2011. In December 2011 they were then transferred and grown on in 200mm containers until the completion of the trial. Containers filled with soilless, pinebark based mix with controlled release fertilizers
Trial Design	Twelve pots of each variety in a completely randomised design.
Measurements	From ten plants randomly selected.
RHS Chart - edition	Fifth edition

Origin and Breeding

Spontaneous mutation: Pink flower colour was first observed as a branch sport on a stock plant of Daphne 'BLAFRA' (Daphne 'Eternal Fragrance') during 2005 at Blackthorn Nursery Hampshire, England. This mutation was grafted in January 2006 and allowed to grow throughout 2006, being continually evaluated. Cuttings were taken in June 2006 to produce a new generation for evaluation, which occurred in April 2007. Final selection criteria, flower colour pink and plant height short to medium. Propagation: via cuttings. All generations have remained uniform and stable. Breeders: Anthony Robin White and Susan Barbara White, Hampshire, UK.

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 to upright
Plant	height	short to medium
Plant	ability to flower on summer growth	strong to very strong
Plant	density	medium to dense
Leaf	glossiness of upper surface	medium
Leaf	presence of variegation	absent
Flower	type	single
Flower	size	medium to large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Blafra'	Parental variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Collina'	Plant	ability to flower on summer growth	strong to very strong	weak to medium
'Jims Pride'	Flower	Predominant colour of inner surface when fully expanded	pink	white

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

Organ/Plant Part: Context	'BLAPINK'	'Blafra'
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: height	short to medium	short to medium
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: length of blade	medium	medium
<input type="checkbox"/> Leaf: width of blade	narrow	narrow
<input type="checkbox"/> Leaf: shape	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	broadly acute to rounded	broadly acute to rounded
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> Flower: diameter	medium to large	medium to large
<input type="checkbox"/> Flower: fragrance	present	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'BLAPINK'	'Blafra'
<input type="checkbox"/> Plant: growth habit	semi-upright to upright	semi upright to upright
<input type="checkbox"/> Plant: ability to flower on summer growth	strong to very strong	strong to very strong

<input type="checkbox"/>	stem: presence of hairs on new growth	present	present
<input type="checkbox"/>	stem: degree of hairiness on new growth	medium to strong	medium to strong
<input type="checkbox"/>	stem: colour of mature growth (RHS colour chart)	brown 200B	brown 200B
<input type="checkbox"/>	stem: colour of new growth (RHS colour chart)	yellow-green 144A	yellow-green 144A
<input type="checkbox"/>	leaf: degree of hairiness on lower surface	weak	weak
<input type="checkbox"/>	leaf: colour of upper surface (RHS colour chart)	yellow-green 147A	yellow-green 147A
<input type="checkbox"/>	leaf: colour of lower surface (RHS colour chart)	green 138B	green 138B
<input type="checkbox"/>	inflorescence: position on stem	terminal and lateral	terminal and lateral
<input type="checkbox"/>	plant: density	medium to dense	medium to dense
<input type="checkbox"/>	flower: colour of perianth tube early spring (RHS colour chart)	greyed-purple 187A	greyed-red 182C
<input type="checkbox"/>	plant: height	short to medium	short to medium
<input checked="" type="checkbox"/>	bud: colour of apex early spring (RHS colour chart)	greyed-purple 187B	greyed-purple 184C+D
<input checked="" type="checkbox"/>	bud: colour of perianth tube early spring (RHS colour chart)	greyed-purple 187A	greyed-purple 183A
<input checked="" type="checkbox"/>	flower: colour of margin of calyx lobe early spring (RHS colour chart)	red-purple 70A	green-white 157D
<input checked="" type="checkbox"/>	flower: colour of centre zone of calyx lobe early spring (RHS colour chart)	red-purple 70B+C	green-white 157D
<input type="checkbox"/>	flower: calyx lobe shape	ovate	ovate

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2009	Received	'BLAPINK'

Description: **Steve Eggleton**, Wonga Park, VIC.

Details of Application

Application Number	2010/228
Variety Name	'H22'
Genus Species	<i>Grevillea juniperina</i>
Common Name	Grevillea
Synonym	Nil
Accepted Date	27 Oct 2010
Applicant	Ozbreed Pty Ltd, Clarendon, NSW
Agent	N/A
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Ozbreed, Cupitts Lane, Clarendon NSW
Descriptor	Grevillea National Descriptor (PBR GREV)
Period	January 2011 to August 2012
Conditions	Open nursery area with automatic overhead irrigation. Climatic conditions typical for the area near Windsor for the 18 month period of the trial. Plants were potted initially into 200mm standard pots and fertilised with a single top dressing of controlled release fertiliser (CRF). These plants were repotted into 300mm pots top dressed of CRF which lasted for the period of the trial.
Trial Design	Two blocks each containing 15 plants of each of the candidate, most similar variety of common knowledge (VCK). All plants were reproduced from cuttings.
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK
RHS Chart - edition	2007

Origin and Breeding

Open-pollinated seedling selection: In 2005 many seedlings from open-pollinated *Grevillea juniperina* common "prostrate yellow" were grown from seed and eight plants were selected for further testing. In 2008 a final selection took place from two candidates. One plant from the final two candidates was then selected due its superior characteristics based on low prostrate growth with dense habit. The name 'H22' was applied to this selection. The candidate has been uniform and stable over four successive generations of vegetative propagation. Breeder: Ozbreed Pty Ltd, Clarendon, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	prostrate
Flower	colour	yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Prostrate Yellow	Parental form

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Molonglo'	Plant habit	prostrate	semi-erect
'Molonglo'	Flower colour	yellow	orange

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	'H22'	'Prostrate Yellow'
<input type="checkbox"/> Plant: growth habit	prostrate	prostrate
<input checked="" type="checkbox"/> Plant: attitude of branches	prostrate	semi-erect
<input type="checkbox"/> Plant: height	very short	very short to short
<input type="checkbox"/> Plant: density (assessment of foliage at flowering)	medium to dense	medium to dense
<input type="checkbox"/> Young stem: colour	yellow green	yellow green
<input type="checkbox"/> Stem: colour (not exposed to sun)	green	green
<input type="checkbox"/> Young stem: hairiness	present	present
<input type="checkbox"/> Petiole: length	very short	very short
<input type="checkbox"/> Leaf: length	very short	very short
<input type="checkbox"/> Leaf: width at widest point	very narrow to narrow	very narrow to narrow
<input type="checkbox"/> Leaf: attitude to stem	horizontal	horizontal
<input type="checkbox"/> Leaf: transverse section	flat or slightly recurved, undersurface on either side of the midvein wholly exposed	flat or slightly recurved, undersurface on either side of the midvein wholly exposed
<input type="checkbox"/> Leaf: colour of upper side (including hairs)	medium green	medium green
<input type="checkbox"/> Leaf: colour of lower side (including hairs)	light green	light green
<input type="checkbox"/> Leaf: degree of hairiness on upper side	very weak	very weak
<input type="checkbox"/> Leaf: degree of hairiness on lower side	very weak	very weak
<input type="checkbox"/> Leaf: colour of hairiness on lower side	white	white
<input type="checkbox"/> Leaf: undulation of margin	absent or very weak	absent or very 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)	lanceolate	lanceolate
<input type="checkbox"/> Leaf: shape of apex outline (varieties with division of blade absent only)	mucronate	mucronate

<input type="checkbox"/>	Flowering branch: position of inflorescence	both terminal and axillary	both terminal and axillary
<input type="checkbox"/>	Inflorescence: length	very short	very short
<input type="checkbox"/>	Inflorescence: predominant colour	yellow	yellow
<input type="checkbox"/>	Inflorescence: density of florets	medium to dense	medium to dense
<input type="checkbox"/>	Inflorescence: number of flowers	medium	medium
<input type="checkbox"/>	Inflorescence: attitude	erect to semi-erect	erect to semi-erect
<input type="checkbox"/>	Inflorescence: form	umbellate	umbellate
<input type="checkbox"/>	Inflorescence: branching	absent or very weak	absent or very weak
<input type="checkbox"/>	Inflorescence: sequence of opening of the flowers	centripetal	centripetal
<input type="checkbox"/>	Rachis: length	very short to short	very short to short
<input type="checkbox"/>	Bud: colour of perianth	yellow	yellow
<input type="checkbox"/>	Bud: colour of limb	green	green
<input type="checkbox"/>	Bud: attitude of limb in relation to longitudinal axis of bud (late bud prior to anthesis)	horizontal	horizontal
<input type="checkbox"/>	Flower: attitude of pedicel in relation to rachis	leaning towards inflorescence peduncle	leaning towards inflorescence peduncle
<input type="checkbox"/>	Flower: length of pedicel	short	short
<input type="checkbox"/>	Perianth: colour	yellow	yellow
<input checked="" type="checkbox"/>	Perianth: degree of hairiness (outside of perianth including limb)	very weak to weak	medium
<input type="checkbox"/>	Perianth: colour of hairs	red brown	red brown
<input type="checkbox"/>	Perianth: coherence of tepals on dorsal side	greater than two thirds	greater than two thirds
<input type="checkbox"/>	Perianth: coherence of tepals on ventral side	less than one third	less than one third
<input type="checkbox"/>	Nectary: colour	yellow	yellow
<input type="checkbox"/>	Ovary: colour	green	green
<input type="checkbox"/>	Ovary: hairiness	absent or very weak	absent or very weak
<input type="checkbox"/>	Style: colour	yellow	yellow
<input type="checkbox"/>	Style: curvature (after anthesis before dehiscence of perianth)	gently curved	gently curved
<input type="checkbox"/>	Style: position of curve	continuous along length	continuous along length
<input type="checkbox"/>	Style: hairiness	absent or very weak	absent or very weak

<input type="checkbox"/>	Pistil: length in relation to length of perianth	much longer	moderately longer
<input type="checkbox"/>	Stigma: colour	green	green
<input type="checkbox"/>	Pollen presenter: shape	cone	cone
<input type="checkbox"/>	Pollen: colour	green	green

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2012/067
Variety Name	'SAKIMP005S'
Genus Species	<i>Impatiens</i> hybrid
Common Name	Impatiens
Synonym	Nil
Accepted Date	02Aug 2012
Applicant	Sakata Seed Corporation, Yokohama, Japan
Agent	Australian Horticultural Services Pty Ltd, Mooroolbark, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing	Bundessortenamt, Hannover, Germany.
Authority	
Overseas Data	IM1193
Reference Number	
Location	Hannover, Germany. Overseas data was verified in Keysborough, VIC, Australia.
Descriptor	New Guinea Impatiens (new) (Impatiens New Guinea Group) TG/196/2
Conditions	Comparisons of most characteristics were based on trials assessed in Hannover, Germany during 2010. Characteristics were verified on plants grown in greenhouse conditions in Keysborough, Victoria, Australia in April 2012. Comparator data was obtained from Canadian application for Misato FG2
Trial Design	Randomised block design
Measurements	Taken randomly from all trial plants or plant parts
RHS Chart - edition	Fifth Edition (2007)

Origin and Breeding

Controlled pollination: In April 2002, the female parent line NG-02WM and male parent line NG-01H-15B was crossed and a population of F1 plants was created. The F1 plants were evaluated in Misato, Japan in an open field trial. The criteria for plant selection included spreading growth habit, vigorous rooting, pinkish-red flower colour and variegated leaves. At the completion of the trial, one single-plant selection was made based on the above criteria and vegetatively propagated. From May to August 2004, the selection was evaluated in an open field in Misato, Japan. Further reselection work was done in 2009 to establish stability. Breeders Moriya Kawashima and Yoneo Kobayashi, Yokohama, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	number of colours (eye zone excluded)	one
Flower	Main colour upper side	orange red
Flower	type	single
Leaf blade	marking of upper side	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Balcebredep'	Celebrette Deep Red

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Misato FG2'	Leaf variegation	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	'SAKIMP005S'	'Balcebredep'
<input type="checkbox"/> *Plant: height of foliage	short	
<input type="checkbox"/> *Plant: width	medium	
<input checked="" type="checkbox"/> Shoot: anthocyanin colouration	weak	absent or very weak
<input type="checkbox"/> Petiole: length	short to medium	
<input type="checkbox"/> Petiole: anthocyanin colouration on upper side	very weak to weak	very weak to weak
<input type="checkbox"/> *Leaf blade: length	short	
<input type="checkbox"/> *Leaf blade: width	narrow	
<input type="checkbox"/> Leaf blade: length/width ratio	small	
<input type="checkbox"/> *Leaf blade: marking of upper side	present	present
<input type="checkbox"/> *Leaf blade: colour of marking of upper side	medium yellow	light yellow
<input type="checkbox"/> *Leaf blade: anthocyanin colouration of upper side	very weak to weak	absent or very weak
<input type="checkbox"/> *Leaf blade: colour of lower side between veins	green	green
<input type="checkbox"/> *Leaf blade: colour of veins on lower side	green	
<input type="checkbox"/> Pedicel: length	medium	
<input type="checkbox"/> Pedicel: anthocyanin colouration	very weak to weak	absent or very weak
<input type="checkbox"/> *Flower: type	single	single
<input type="checkbox"/> *Flower: width	medium	
<input type="checkbox"/> *Flower: number of colours	one	one
<input checked="" type="checkbox"/> *Flower: main colour of upper side (RHS Colour Chart)	orange red 41C-40C	red 45B
<input checked="" type="checkbox"/> *Flower: eye zone	present	absent
<input checked="" type="checkbox"/> *Flower: size of eye	small	n/a
<input checked="" type="checkbox"/> Flower: main colour of eye zone (RHS Colour Chart)	dark purple red 53B	
<input type="checkbox"/> Upper petal: width (varieties with single flowers only)	narrow to medium	

- Lateral petal: width (varieties with single flowers only) medium
- Lower petal: length (varieties with single flowers only) medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2009	Granted	'SAKIMP005S'

First sold in the EU in Oct 2009.

Description: **Mark Lunghusen**, Cranbourne, VIC

Details of Application

Application Number	2010/306
Variety Name	'W47'
Genus Species	<i>Actinidia chinensis</i>
Common Name	Kiwifruit
Synonym	Nil
Accepted Date	10 Feb 2011
Applicant	Donald Alfred Skelton, Huntly, NZ
Agent	Global Plant IP Pty Ltd, Goondiwindi, QLD
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Tolga, QLD
Descriptor	Kiwifruit (<i>Actinidia</i>) TG/98/7
Period	February 2011 to February 2012
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
Measurements	Randomly selected from all plants.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: seed parent 'R5' x pollen parent 'Ry' in 1980 at Rangiriri, NZ. The seed parent is characterised by a small fruit size and late time of maturity of fruit. 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 green fruit flesh colour combined with good fruit taste, texture and shape. 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
Time of	maturity for harvest	late
Fruit	shape of shoulder at stalk end	truncate
Fruit	stylar end	weakly blunt protruding
Fruit	conspicuousness of lenticels on skin	strong
Fruit	colour of outer pericarp	greenish yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'W45'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hort16A'	Fruit colour of outer pericarp	yellow green	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	'W47'	'W45'
<input type="checkbox"/> *Plant: sex	female	female
<input checked="" type="checkbox"/> Plant: vigour	medium	weak
<input type="checkbox"/> *Young shoot: density of hairs	medium	medium
<input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip	absent or very weak	absent or very weak
<input type="checkbox"/> *Stem: thickness	medium	medium
<input type="checkbox"/> *Stem: colour of shoot on sunny side	yellow brown	light brown
<input type="checkbox"/> Stem: texture of bark	moderately rough	moderately rough
<input type="checkbox"/> Stem: density of hairs	absent or sparse	absent or sparse
<input type="checkbox"/> *Stem: size of lenticels	medium	medium
<input type="checkbox"/> *Stem: number of lenticels	few	very few to few
<input type="checkbox"/> *Stem: prominence of bud support	medium	medium
<input type="checkbox"/> *Stem: presence of bud cover	present	present
<input type="checkbox"/> Stem: leaf scar	flat	flat
<input type="checkbox"/> *Stem: pith	solid	solid
<input type="checkbox"/> *Leaf blade: shape	ovate	ovate
<input checked="" type="checkbox"/> *Leaf blade: shape of apex	rounded	acuminate
<input type="checkbox"/> *Leaf blade: basal lobes	slightly apart	slightly apart
<input type="checkbox"/> Leaf blade: density of hairs on upper side	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaf blade: density of hairs on lower side	medium	medium
<input type="checkbox"/> *Leaf blade: intensity of 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: variegation	absent	absent
<input type="checkbox"/> Petiole: anthocyanin colouration of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> *Fruit: weight	medium to high	high
<input type="checkbox"/> *Fruit: length	medium	medium to long

<input type="checkbox"/>	*Fruit: width	medium	medium
<input type="checkbox"/>	*Fruit: ratio length/width	medium	weakly elongated to medium
<input type="checkbox"/>	*Fruit: shape	oblong	oblong
<input checked="" type="checkbox"/>	*Fruit: shape in cross section (at median)	oblate	circular
<input type="checkbox"/>	*Fruit: stylar end	weakly blunt protruding	weakly blunt protruding
<input checked="" type="checkbox"/>	Fruit: degree of pointed protrusion	weak	strong
<input checked="" type="checkbox"/>	Fruit: presence of calyx ring	absent or weak	strong
<input type="checkbox"/>	*Fruit: shape of shoulder at stalk end	truncate	truncate
<input type="checkbox"/>	Fruit: conspicuousness of lenticels on skin	strong	strong
<input type="checkbox"/>	*Fruit: hairiness of skin	present	present
<input type="checkbox"/>	*Fruit: density of hairs	sparse	sparse
<input type="checkbox"/>	Fruit: colour of hairs	medium brown	medium brown
<input type="checkbox"/>	*Fruit: adherence of hairs to skin	weak	weak
<input checked="" type="checkbox"/>	*Fruit: colour of skin	light brown	medium green
<input type="checkbox"/>	Fruit: adherence of skin to flesh	weak	weak
<input type="checkbox"/>	*Fruit: colour of outer pericarp	greenish yellow	greenish yellow
<input type="checkbox"/>	*Fruit: colour of locules	greenish yellow	greenish yellow
<input type="checkbox"/>	*Fruit: width of core relative to fruit	small	small
<input type="checkbox"/>	*Fruit: general shape of core in cross section	oblate	oblate
<input type="checkbox"/>	*Fruit: colour of core	yellow white	yellow white
<input type="checkbox"/>	Fruit: sweetness	medium to high	medium to high
<input type="checkbox"/>	Fruit: acidity	medium	low to medium
<input checked="" type="checkbox"/>	*Time of: vegetative bud burst	medium	early
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	late	early
<input type="checkbox"/>	*Time of: maturity for harvest	late	late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘W47’	‘W45’
<input type="checkbox"/> Fruit: weight (g)	100	125
<input type="checkbox"/> Fruit: length (mm)	65	75
<input type="checkbox"/> Fruit: width (mm)	60	65
<input type="checkbox"/> Ripe Fruit: Brix (°Bx)	12	17

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2007/100
Variety Name	'S600'
Genus Species	<i>Actinidia chinensis</i>
Common Name	Kiwifruit
Synonym	Nil
Accepted Date	04 May 2007
Applicant	Donald Alfred Skelton, Huntly, NZ
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	PP20,727
Location	Tolga, QLD
Descriptor	Kiwifruit (<i>Actinidia</i>) TG/98/7
Period	February 2011 to February 2012
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.
Measurements	Randomly selected from all plants.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: seed parent 'A124' x pollen parent 'RY' in 1975 at Rangiriri, NZ. The seed parent is characterised by a transverse elliptic fruit shape and strongly pointed protruding stylar end. The pollen parent is characterised by a male sex expression. The seedling fruited in 2000 and the unique and attractive features of the fruits were noted. Selection took place in Rangiriri, NZ. Selection criteria: yellow green fruit flesh colour combined with good fruit taste, texture and shape. 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
Fruit	shape	oblate
Fruit	density of hairs	sparse
Fruit	stylar end	weakly blunt protruding
Fruit	conspicuousness of lenticels on skin	strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Y118'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hort16A'	Time of maturity for harvest	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	'S600'	'S600' (OS data)	'Y118'
<input type="checkbox"/> *Plant: sex	female	female	female
<input checked="" type="checkbox"/> Plant: vigour	strong	medium to weak	weak
<input type="checkbox"/> *Young shoot: density of hairs	medium	non-pubescent	medium
<input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip	absent or very weak		absent or very weak
<input type="checkbox"/> *Stem: thickness	medium	Avg. 1cm	medium
<input type="checkbox"/> *Stem: colour of shoot on sunny side	light brown		light brown
<input type="checkbox"/> Stem: texture of bark	moderately rough		moderately rough
<input type="checkbox"/> Stem: density of hairs	absent or sparse		absent or sparse
<input checked="" type="checkbox"/> *Stem: size of lenticels	small		medium
<input checked="" type="checkbox"/> *Stem: number of lenticels	very few	no visible lenticels	medium
<input type="checkbox"/> *Stem: prominence of bud support	medium		medium
<input type="checkbox"/> *Stem: presence of bud cover	present		present
<input type="checkbox"/> Stem: leaf scar	flat		flat
<input type="checkbox"/> *Stem: pith	solid		solid
<input type="checkbox"/> *Leaf blade: shape	ovate	very broadly ovate	ovate
<input type="checkbox"/> *Leaf blade: shape of apex	rounded	rounded	rounded
<input type="checkbox"/> *Leaf blade: basal lobes	slightly apart	not overlapping	slightly apart
<input type="checkbox"/> Leaf blade: density of hairs on upper side	absent or very sparse	non-pubescent	absent or very sparse
<input checked="" type="checkbox"/> Leaf blade: density of hairs on lower side	absent or very sparse	non-pubescent	medium
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	medium	near Green 137A	medium
<input type="checkbox"/> *Leaf blade: colour of lower side	light green	near Green 141C	light green
<input type="checkbox"/> Leaf blade: variegation	absent		absent

<input type="checkbox"/>	Petiole: anthocyanin colouration of upper side	absent or very weak	flush of Greyed-Red 179B	absent or very weak
<input type="checkbox"/>	*Fruit: weight	medium to high		medium to high
<input type="checkbox"/>	*Fruit: length	medium		medium to long
<input type="checkbox"/>	*Fruit: width	medium		medium
<input type="checkbox"/>	*Fruit: ratio length/width	medium		weakly elongated
<input type="checkbox"/>	*Fruit: shape	oblong	oblong	oblong
<input type="checkbox"/>	*Fruit: shape in cross section (at median)	oblate	circular	circular
<input type="checkbox"/>	*Fruit: stylar end	weakly blunt protruding	slightly blunt protruding	weakly blunt protruding
<input checked="" type="checkbox"/>	Fruit: degree of pointed protrusion	strong		weak
<input checked="" type="checkbox"/>	Fruit: presence of calyx ring	strong	moderate	absent or weak
<input type="checkbox"/>	*Fruit: shape of shoulder at stalk end	truncate	squared	truncate
<input type="checkbox"/>	Fruit: conspicuousness of lenticels on skin	strong	not present	strong
<input type="checkbox"/>	*Fruit: hairiness of skin	present	downy	present
<input type="checkbox"/>	*Fruit: density of hairs	sparse		sparse
<input type="checkbox"/>	Fruit: colour of hairs	medium brown		medium brown
<input type="checkbox"/>	*Fruit: adherence of hairs to skin	weak	weak	weak
<input type="checkbox"/>	*Fruit: colour of skin	greenish brown	near RHS Grey-Orange 165D	greenish brown
<input type="checkbox"/>	Fruit: adherence of skin to flesh	weak	moderate	weak
<input type="checkbox"/>	*Fruit: colour of outer pericarp	light green	near RHS Yellow 1C.	light green
<input type="checkbox"/>	*Fruit: colour of locules	greenish yellow		greenish yellow
<input type="checkbox"/>	*Fruit: width of core relative to fruit	small	small	small
<input type="checkbox"/>	*Fruit: general shape of core in cross section	circular	elliptic	oblate
<input type="checkbox"/>	*Fruit: colour of core	greenish white		greenish white
<input checked="" type="checkbox"/>	Fruit: sweetness	medium		high
<input checked="" type="checkbox"/>	Fruit: acidity	high		medium
<input type="checkbox"/>	*Time of: vegetative bud burst	medium		medium
<input type="checkbox"/>	*Time of: beginning of flowering	medium to late		medium
<input type="checkbox"/>	*Time of: maturity for harvest	medium	late April	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'S600'	'S600' (OS data)	'Y118'
<input type="checkbox"/> Fruit: weight (g)	105	105	110
<input type="checkbox"/> Fruit: length (mm)	60	59	85
<input type="checkbox"/> Fruit: width (mm)	60	51	55
<input type="checkbox"/> Ripe Fruit: Brix (°Bx)	13.6	15.8	16.3

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2008	Granted	'S600'

Nil

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

Details of Application

Application Number	2007/103
Variety Name	'X60'
Genus Species	<i>Actinidia chinensis</i>
Common Name	Kiwifruit
Synonym	Nil
Accepted Date	17 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

Location	Tolga, QLD
Descriptor	Kiwifruit (<i>Actinidia</i>) TG/98/7
Period	February 2011 to February 2012
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
Measurements	Randomly selected from all plants.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: seed parent 'A124' x pollen parent 'RY' in 1975 at Rangiriri, NZ. The seed parent is characterised by a transverse elliptic fruit shape and strongly pointed protruding stylar end. 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 combined with good fruit taste, texture and shape. 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
Stem	thickness	medium
Stem	leaf scar	flat
Leaf blade	variegation	absent
Fruit	colour of core	yellow white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Y368'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hort16A'	Time of maturity for harvest	early	late	

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

Organ/Plant Part: Context	‘X60’	‘Y368’
<input type="checkbox"/> *Plant: sex	female	female
<input checked="" type="checkbox"/> Plant: vigour	weak to medium	medium to strong
<input type="checkbox"/> *Young shoot: density of hairs	medium	medium to dense
<input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip	absent or very weak	absent or very weak
<input type="checkbox"/> *Stem: thickness	medium	medium
<input type="checkbox"/> *Stem: colour of shoot on sunny side	light brown	light brown
<input type="checkbox"/> Stem: texture of bark	moderately rough	moderately rough
<input type="checkbox"/> Stem: density of hairs	absent or sparse	absent or sparse
<input checked="" type="checkbox"/> *Stem: size of lenticels	medium	very small
<input type="checkbox"/> *Stem: number of lenticels	very few	very few
<input type="checkbox"/> *Stem: prominence of bud support	medium	medium
<input type="checkbox"/> *Stem: presence of bud cover	present	present
<input type="checkbox"/> Stem: leaf scar	flat	flat
<input type="checkbox"/> *Stem: pith	solid	solid
<input type="checkbox"/> *Leaf blade: shape	ovate	ovate
<input checked="" type="checkbox"/> *Leaf blade: shape of apex	rounded	acuminate
<input type="checkbox"/> *Leaf blade: basal lobes	slightly apart	slightly apart
<input type="checkbox"/> Leaf blade: density of hairs on upper side	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaf blade: density of hairs on lower side	medium	medium
<input type="checkbox"/> *Leaf blade: intensity of 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: variegation	absent	absent
<input type="checkbox"/> Petiole: anthocyanin colouration of upper side	absent or very weak	weak
<input type="checkbox"/> *Fruit: weight	medium	medium to high

<input type="checkbox"/>	*Fruit: length	medium	medium to long
<input type="checkbox"/>	*Fruit: width	narrow to medium	medium
<input type="checkbox"/>	*Fruit: ratio length/width	weakly elongated to medium	weakly elongated
<input type="checkbox"/>	*Fruit: shape	oblong	oblong
<input type="checkbox"/>	*Fruit: shape in cross section (at median)	circular	oblate
<input type="checkbox"/>	*Fruit: styler end	weakly blunt protruding	weakly blunt protruding
<input checked="" type="checkbox"/>	Fruit: degree of pointed protrusion	weak	strong
<input checked="" type="checkbox"/>	Fruit: presence of calyx ring	absent or weak	strong
<input type="checkbox"/>	*Fruit: shape of shoulder at stalk end	truncate	truncate
<input type="checkbox"/>	Fruit: conspicuousness of lenticels on skin	strong	strong
<input type="checkbox"/>	*Fruit: hairiness of skin	present	present
<input type="checkbox"/>	*Fruit: density of hairs	sparse	sparse
<input type="checkbox"/>	Fruit: colour of hairs	medium brown	medium brown
<input type="checkbox"/>	*Fruit: adherence of hairs to skin	weak	weak
<input type="checkbox"/>	*Fruit: colour of skin	medium green	greenish brown
<input type="checkbox"/>	Fruit: adherence of skin to flesh	weak	weak
<input type="checkbox"/>	*Fruit: colour of outer pericarp	medium yellow	medium yellow
<input type="checkbox"/>	*Fruit: colour of locules	medium yellow	medium yellow
<input type="checkbox"/>	*Fruit: width of core relative to fruit	small	small to medium
<input type="checkbox"/>	*Fruit: general shape of core in cross section	oblate	transverse elliptic
<input type="checkbox"/>	*Fruit: colour of core	yellow white	yellow white
<input checked="" type="checkbox"/>	Fruit: sweetness	medium	high
<input checked="" type="checkbox"/>	Fruit: acidity	medium	low
<input type="checkbox"/>	*Time of: vegetative bud burst	medium	medium
<input type="checkbox"/>	*Time of: beginning of flowering	medium to late	late
<input type="checkbox"/>	*Time of: maturity for harvest	early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'X60'	'Y368'
<input type="checkbox"/> Fruit: weight (g)	90	110
<input type="checkbox"/> Fruit: length (mm)	65	70
<input type="checkbox"/> Fruit: width (mm)	50	45
<input type="checkbox"/> Ripe Fruit: Brix (°Bx)	15.7	16.4

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2008	Granted	'X60'

Nil

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

Details of Application

Application Number	2008/151
Variety Name	'Z487'
Genus Species	<i>Actinidia chinensis</i>
Common Name	Kiwifruit
Synonym	Nil
Accepted Date	02 Jul 2008
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	PP20,347
Location	Tolga, QLD
Descriptor	Actinidia
Period	February 2011 to February 2012
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.
Measurements	Randomly selected from all plants.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: seed parent 'A124' x pollen parent 'RY' in 1975 at Rangiriri, NZ. The seed parent is characterised by a transverse elliptic fruit shape and very late time of maturity for fruit harvest. 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 combined with good fruit taste, texture and shape. 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
Stem	thickness	medium
Fruit	stylar end	weakly blunt protruding
Fruit	conspicuousness of lenticels on skin	strong
Time of	maturity for harvest	very early to early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'X60'	
'Y368'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hort16A'	Time of maturity for harvest	very early	late	

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

Organ/Plant Part: Context	'Z487'	'X60'	'Y368'
<input type="checkbox"/> *Plant: sex	female	female	female
<input checked="" type="checkbox"/> Plant: vigour	strong	weak to medium	medium to strong
<input type="checkbox"/> *Young shoot: density of hairs	medium	medium	medium to dense
<input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Stem: thickness	medium	medium	medium
<input type="checkbox"/> *Stem: colour of shoot on sunny side	light brown	light brown	light brown
<input type="checkbox"/> Stem: texture of bark	moderately rough	moderately rough	moderately rough
<input type="checkbox"/> Stem: density of hairs	absent or sparse	absent or sparse	absent or sparse
<input checked="" type="checkbox"/> *Stem: size of lenticels	very small	medium	very small
<input type="checkbox"/> *Stem: number of lenticels	very few	very few	very few
<input type="checkbox"/> *Stem: prominence of bud support	medium	medium	medium
<input type="checkbox"/> *Stem: presence of bud cover	present	present	present
<input type="checkbox"/> Stem: leaf scar	flat	flat	flat
<input type="checkbox"/> *Stem: pith	solid	solid	solid
<input type="checkbox"/> *Leaf blade: shape	ovate	ovate	ovate
<input checked="" type="checkbox"/> *Leaf blade: shape of apex	rounded	rounded	acuminate
<input type="checkbox"/> *Leaf blade: basal lobes	slightly apart	slightly apart	slightly apart
<input type="checkbox"/> Leaf blade: density of hairs on upper side	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaf blade: density of hairs on lower side	medium	medium	medium
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	medium	medium	medium
<input type="checkbox"/> *Leaf blade: colour of lower side	light green	light green	light green
<input type="checkbox"/> Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> Petiole: anthocyanin colouration of upper side	absent or very weak	absent or very weak	weak

<input type="checkbox"/>	*Fruit: weight	medium to high	medium	medium to high
<input type="checkbox"/>	*Fruit: length	medium to long	medium	medium to long
<input type="checkbox"/>	*Fruit: width	medium	narrow to medium	medium
<input type="checkbox"/>	*Fruit: ratio length/width	weakly elongated to medium	weakly elongated to medium	weakly elongated
<input type="checkbox"/>	*Fruit: shape	oblong	oblong	oblong
<input type="checkbox"/>	*Fruit: shape in cross section (at median)	circular	circular	oblate
<input type="checkbox"/>	*Fruit: stylar end	weakly blunt protruding	weakly blunt protruding	weakly blunt protruding
<input checked="" type="checkbox"/>	Fruit: degree of pointed protusion	strong	weak	strong
<input checked="" type="checkbox"/>	Fruit: presence of calyx ring	strong	absent or weak	strong
<input type="checkbox"/>	*Fruit: shape of shoulder at stalk end	truncate	truncate	truncate
<input type="checkbox"/>	Fruit: conspicuousness of lenticels on skin	strong	strong	strong
<input type="checkbox"/>	*Fruit: hairiness of skin	present	present	present
<input type="checkbox"/>	*Fruit: density of hairs	sparse	sparse	sparse
<input type="checkbox"/>	Fruit: colour of hairs	medium brown	medium brown	medium brown
<input type="checkbox"/>	*Fruit: adherence of hairs to skin	weak	weak	weak
<input type="checkbox"/>	*Fruit: colour of skin	greenish brown	medium green	greenish brown
<input type="checkbox"/>	Fruit: adherence of skin to flesh	weak	weak	weak
<input type="checkbox"/>	*Fruit: colour of outer pericarp	medium yellow	medium yellow	medium yellow
<input type="checkbox"/>	*Fruit: colour of locules	medium yellow	medium yellow	medium yellow
<input type="checkbox"/>	*Fruit: width of core relative to fruit	small	small	small to medium
<input type="checkbox"/>	*Fruit: general shape of core in cross section	oblate	oblate	transverse elliptic
<input type="checkbox"/>	*Fruit: colour of core	yellow white	yellow white	yellow white
<input checked="" type="checkbox"/>	Fruit: sweetness	medium	medium	high
<input checked="" type="checkbox"/>	Fruit: acidity	medium	medium	low
<input checked="" type="checkbox"/>	*Time of: vegetative bud burst	early	medium	medium
<input type="checkbox"/>	*Time of: beginning of flowering	medium to late	medium to late	late
<input type="checkbox"/>	*Time of: maturity for harvest	very early	early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Z487'	'X60'	'Y368'
<input type="checkbox"/> Fruit: weight (g)	100	90	110
<input type="checkbox"/> Fruit: length (mm)	80	65	70
<input type="checkbox"/> Fruit: width (mm)	65	50	45
<input type="checkbox"/> Ripe Fruit: Brix (°Bx)	14.6	15.7	16.4

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2008	Granted	'Z487'

Nil

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

Details of Application

Application Number	2007/164
Variety Name	'W45'
Genus Species	<i>Actinidia chinensis</i>
Common Name	Kiwifruit
Synonym	Nil
Accepted Date	23 Aug 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	PP20,758
Location	Tolga, QLD
Descriptor	Kiwifruit (<i>Actinidia</i>) TG/98/7
Period	February 2011 to February 2012
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.
Measurements	Randomly selected from all plants.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: seed parent 'R55' x pollen parent 'CMW85' in 1975 at Rangiriri, NZ. The seed parent is characterised by a medium fruit size, brown colour of fruit skin and late time of vegetative bud burst. The pollen parent is characterised by a male sex expression. The seedling fruited in 2001 and the unique and attractive features of the fruits were noted. Selection took place in Rangiriri, NZ. Selection criteria: yellow green fruit flesh colour combined with good fruit taste, texture and shape. 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
Fruit	adherence of hairs to skin	weak
Leaf blade	shape	ovate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'W47'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hort16A'	Fruit colour of outer pericarp	yellow green	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	'W45'	'W45' (OS data)	'W47'
<input type="checkbox"/> *Plant: sex	female	female	female
<input checked="" type="checkbox"/> Plant: vigour	weak	moderate	medium
<input type="checkbox"/> *Young shoot: density of hairs	medium	non-pubescent	medium
<input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip	absent or very weak		absent or very weak
<input type="checkbox"/> *Stem: thickness	medium	Avg. 1 cm.	medium
<input type="checkbox"/> *Stem: colour of shoot on sunny side	light brown		yellow brown
<input type="checkbox"/> Stem: texture of bark	moderately rough	rough	moderately rough
<input type="checkbox"/> Stem: density of hairs	absent or sparse		absent or sparse
<input type="checkbox"/> *Stem: size of lenticels	medium	lenticels either not present or barely visible	medium
<input type="checkbox"/> *Stem: number of lenticels	very few to few		few
<input type="checkbox"/> *Stem: prominence of bud support	medium		medium
<input type="checkbox"/> *Stem: presence of bud cover	present		present
<input type="checkbox"/> Stem: leaf scar	flat		flat
<input type="checkbox"/> *Stem: pith	solid		solid
<input type="checkbox"/> *Leaf blade: shape	ovate	broadly ovate.	ovate
<input checked="" type="checkbox"/> *Leaf blade: shape of apex	acuminate	rounded	rounded
<input type="checkbox"/> *Leaf blade: basal lobes	slightly apart	not overlapping.	slightly apart
<input type="checkbox"/> Leaf blade: density of hairs on upper side	absent or very sparse	non-pubescent	absent or very sparse
<input type="checkbox"/> Leaf blade: density of hairs on lower side	medium	non-pubescent	medium
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	medium	near RHS Green 137A	medium
<input type="checkbox"/> *Leaf blade: colour of lower side	light green	near RHS Green 141B.	light green

<input type="checkbox"/>	Leaf blade: variegation	absent		absent
<input type="checkbox"/>	Petiole: anthocyanin colouration of upper side	absent or very weak	strong flush of Red 53C	absent or very weak
<input type="checkbox"/>	*Fruit: weight	high		medium to high
<input type="checkbox"/>	*Fruit: length	medium to long		medium
<input type="checkbox"/>	*Fruit: width	medium		medium
<input type="checkbox"/>	*Fruit: ratio length/width	weakly elongated to medium		medium
<input type="checkbox"/>	*Fruit: shape	oblong	broad ovoid	oblong
<input type="checkbox"/>	*Fruit: shape in cross section (at median)	circular	circular	oblate
<input type="checkbox"/>	*Fruit: stylar end	weakly blunt protruding	slightly blunt.	weakly blunt protruding
<input checked="" type="checkbox"/>	Fruit: degree of pointed protrusion	strong		weak
<input checked="" type="checkbox"/>	Fruit: presence of calyx ring	strong	strong	absent or weak
<input type="checkbox"/>	*Fruit: shape of shoulder at stalk end	truncate	squared	truncate
<input type="checkbox"/>	Fruit: conspicuousness of lenticels on skin	strong	not present.	strong
<input type="checkbox"/>	*Fruit: hairiness of skin	present	downy	present
<input type="checkbox"/>	*Fruit: density of hairs	sparse		sparse
<input type="checkbox"/>	Fruit: colour of hairs	medium brown		medium brown
<input type="checkbox"/>	*Fruit: adherence of hairs to skin	weak	weak	weak
<input checked="" type="checkbox"/>	*Fruit: colour of skin	medium green	near RHS Yellow-Green 144A	light brown
<input type="checkbox"/>	Fruit: adherence of skin to flesh	weak	Moderate	weak
<input type="checkbox"/>	*Fruit: colour of outer pericarp	greenish yellow	near RHS Yellow-Green 145B.	greenish yellow
<input type="checkbox"/>	*Fruit: colour of locules	greenish yellow		greenish yellow
<input type="checkbox"/>	*Fruit: width of core relative to fruit	small		small
<input type="checkbox"/>	*Fruit: general shape of core in cross section	oblate	transversely elliptic.	oblate
<input type="checkbox"/>	*Fruit: colour of core	yellow white		yellow white
<input type="checkbox"/>	Fruit: sweetness	medium to high		medium to high
<input type="checkbox"/>	Fruit: acidity	low to medium		medium
<input checked="" type="checkbox"/>	*Time of: vegetative bud burst	early		medium
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	early		late
<input type="checkbox"/>	*Time of: maturity for harvest	late	mid April	late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'W45'	'W45' (OS data)	'W47'
<input type="checkbox"/> Fruit: weight (g)	125	124	100
<input type="checkbox"/> Fruit: length (mm)	75	65	65
<input type="checkbox"/> Fruit: width (mm)	65	57	60
<input type="checkbox"/> Ripe Fruit: Brix (°Bx)	17	16.5	12

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2008	Granted	'W45'

Nil

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

Details of Application

Application Number	2007/102
Variety Name	'Y118'
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

Location	Tolga, QLD
Descriptor	Kiwifruit (<i>Actinidia</i>) TG/98/7
Period	February 2011 to February 2012
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
Measurements	Randomly selected from all plants.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: seed parent 'R5' x pollen parent 'RY' in 1975 at Rangiriri, NZ. The seed parent is characterised by a small fruit size and late season. 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 green fruit flesh colour combined with good fruit taste, texture and shape. 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
Stem	thickness	medium
Stem	pith	solid
Leaf blade	shape of apex	rounded
Fruit	shape	oblong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'S600'	
'X60'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hort16A'	Time of maturity for harvest	early to 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	'Y118'	'S600'	'X60'
<input type="checkbox"/> *Plant: sex	female	female	female
<input checked="" type="checkbox"/> Plant: vigour	weak	strong	weak to medium
<input type="checkbox"/> *Young shoot: density of hairs	medium	medium	medium
<input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Stem: thickness	medium	medium	medium
<input type="checkbox"/> *Stem: colour of shoot on sunny side	light brown	light brown	light brown
<input type="checkbox"/> Stem: texture of bark	moderately rough	moderately rough	moderately rough
<input type="checkbox"/> Stem: density of hairs	absent or sparse	absent or sparse	absent or sparse
<input checked="" type="checkbox"/> *Stem: size of lenticels	medium	small	medium
<input checked="" type="checkbox"/> *Stem: number of lenticels	medium	very few	very few
<input type="checkbox"/> *Stem: prominence of bud support	medium	medium	medium
<input type="checkbox"/> *Stem: presence of bud cover	present	present	present
<input type="checkbox"/> Stem: leaf scar	flat	flat	flat
<input type="checkbox"/> *Stem: pith	solid	solid	solid
<input type="checkbox"/> *Leaf blade: shape	ovate	ovate	ovate
<input type="checkbox"/> *Leaf blade: shape of apex	rounded	rounded	rounded
<input type="checkbox"/> *Leaf blade: basal lobes	slightly apart	slightly apart	slightly apart
<input type="checkbox"/> Leaf blade: density of hairs on upper side	absent or very sparse	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> Leaf blade: density of hairs on lower side	medium	absent or very sparse	medium
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	medium	medium	medium
<input type="checkbox"/> *Leaf blade: colour of lower side	light green	light green	light green
<input type="checkbox"/> Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> Petiole: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak

of upper side

<input type="checkbox"/>	*Fruit: weight	medium to high	medium to high	medium
<input type="checkbox"/>	*Fruit: length	medium to long	medium	medium
<input type="checkbox"/>	*Fruit: width	medium	medium	narrow to medium
<input checked="" type="checkbox"/>	*Fruit: ratio length/width	weakly elongated	medium	weakly elongated to medium
<input type="checkbox"/>	*Fruit: shape	oblong	oblong	oblong
<input type="checkbox"/>	*Fruit: shape in cross section (at median)	circular	oblate	circular
<input type="checkbox"/>	*Fruit: stylar end	weakly blunt protruding	weakly blunt protruding	weakly blunt protruding
<input checked="" type="checkbox"/>	Fruit: degree of pointed protrusion	weak	strong	weak
<input checked="" type="checkbox"/>	Fruit: presence of calyx ring	absent or weak	strong	absent or weak
<input type="checkbox"/>	*Fruit: shape of shoulder at stalk end	truncate	truncate	truncate
<input type="checkbox"/>	Fruit: conspicuousness of lenticels on skin	strong	strong	strong
<input type="checkbox"/>	*Fruit: hairiness of skin	present	present	present
<input type="checkbox"/>	*Fruit: density of hairs	sparse	sparse	sparse
<input type="checkbox"/>	Fruit: colour of hairs	medium brown	medium brown	medium brown
<input type="checkbox"/>	*Fruit: adherence of hairs to skin	weak	weak	weak
<input type="checkbox"/>	*Fruit: colour of skin	greenish brown	greenish brown	medium green
<input type="checkbox"/>	Fruit: adherence of skin to flesh	weak	weak	weak
<input checked="" type="checkbox"/>	*Fruit: colour of outer pericarp	light green	light green	medium yellow
<input type="checkbox"/>	*Fruit: colour of locules	greenish yellow	greenish yellow	medium yellow
<input type="checkbox"/>	*Fruit: width of core relative to fruit	small	small	small
<input type="checkbox"/>	*Fruit: general shape of core in cross section	oblate	circular	oblate
<input type="checkbox"/>	*Fruit: colour of core	greenish white	greenish white	yellow white

<input checked="" type="checkbox"/>	Fruit: sweetness	high	medium	medium
<input checked="" type="checkbox"/>	Fruit: acidity	medium	high	medium
<input type="checkbox"/>	*Time of: vegetative bud burst	medium	medium	medium
<input type="checkbox"/>	*Time of: beginning of flowering	medium	medium to late	medium to late
<input type="checkbox"/>	*Time of: maturity for harvest	early to medium	medium	early

Organ/Plant Part: Context	'Y118'	'S600'	'X60'
<input type="checkbox"/> Fruit: weight (g)	110	105	90
<input type="checkbox"/> Fruit: length (mm)	85	60	65
<input type="checkbox"/> Fruit: width (mm)	55	60	50
<input type="checkbox"/> Ripe Fruit: Brix (°Bx)	16.3	13.6	15.7

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2008	Granted	'Y118'

Nil

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

Details of Application

Application Number	2010/209
Variety Name	'TB01'
Genus Species	<i>Tibouchina urvilleana</i>
Common Name	Lasiandra
Synonym	Nil
Accepted Date	15 Dec 2010
Applicant	Dawn Rothay Nurseries, Whenuapai, New Zealand
Agent	Ozbreed Pty Ltd, Clarendon, NSW
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Ozbreed, Cupitts Lane, Clarendon, NSW
Descriptor	National Descriptor for Tibouchina (PBR TIBO)
Period	September 2011 to August 2012
Conditions	Shade-house with automatic overhead irrigation. Climatic conditions typical for the area near Windsor for the summer to winter period of the trial. Plants were potted into 200mm pots and fertilised with a single top dressing of controlled release fertiliser which lasted for the period of the trial.
Trial Design	Two blocks each containing 15 plants of each of the candidate and nearest variety of common knowledge (VCK). All plants were reproduced from cuttings.
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Spontaneous mutation: In 2006, one plant from a batch of 500 *Tibouchina urvilleana* 'Edwardsii' growing at the nursery threw a sport. The sport had variegated green, yellow and pink leaves unlike the normal green colour of the parent. The sport was grown from cuttings over several generations to test its stability. Over four propagation cycles the variety designated 'TB01' was seen as uniform and stable. Selection criteria: variegated foliage. Breeder: Alan Haggio, Dawn Rothay Nurseries, Whenuapai, 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	bushy
Leaf	size	medium
Leaf	arrangement	opposite and decussate
Leaf	length of blade	medium
Leaf	width of blade	medium
Leaf	shape of blade	ovate
Leaf	green colour	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Edwardsii'	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	‘TB01’	‘Edwardsii’
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input checked="" type="checkbox"/> Plant: height	medium	tall
<input checked="" type="checkbox"/> Plant: time of beginning of flowering	late	early
<input type="checkbox"/> Stem: degree of hairiness	medium	medium
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	medium	weak
<input type="checkbox"/> Leaf: type	simple	simple
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: arrangement	opposite and decussate	opposite and decussate
<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 of blade	ovate	ovate
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> Leaf: shape of base	obtuse	obtuse
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: type of margin	ciliate	ciliate
<input checked="" type="checkbox"/> Leaf: colour of margin	red	pink
<input type="checkbox"/> Leaf: shape of cross-section	recurved	recurved
<input type="checkbox"/> Leaf: curvature of longitudinal axis	incurved	incurved
<input type="checkbox"/> Leaf: glossiness of upper side	very weak	very weak
<input type="checkbox"/> Leaf: green colour	medium	medium
<input checked="" type="checkbox"/> Leaf: presence of variegation	present	absent
<input type="checkbox"/> Leaf: type of variegation	random	N/A
<input type="checkbox"/> Leaf: degree of variegation	medium	N/A
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	137B	137A
<input type="checkbox"/> Leaf: secondary colour (RHS colour chart)	145A	N/A
<input type="checkbox"/> Leaf: tertiary colour (RHS colour chart)	47C	N/A
<input checked="" type="checkbox"/> Leaf: number of colours	three or more	one
<input type="checkbox"/> Leaf: border between colours	clearly defined	N/A

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2010	Applied	'TB01'

Prior sale nil.

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

Details of Application

Application Number	2011/286
Variety Name	'Duplex'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Synonym	Nil
Accepted Date	05 Jan 2012
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., The Netherlands
Agent	Rijk Zwaan Australia Pty. Dayelsford, VIC
Qualified Person	Arie Baelde

Details of Comparative Trial

Overseas Testing Authority	Raad voor Plantenrassen,, The Netherlands
Overseas Data Reference Number	SLA02872 TP/13/4
Location	Roelofarendsveen / The Netherlands
Descriptor	UPOVTG Lettuce 13/10
Period	2011

Origin and Breeding

Controlled Pollination: Unnamed Rijk Zwaan breeding line x 'Terragon' using modified line and pedigree selection method to select 'Duplex'. Main selection criteria: *Bremia* resistance, multileaf-trait, intense red colour and no tipburn. We used a modified line and pedigree selection method to select Duplex out of a cross between Terragon and a Rijk Zwaan breeding line with advanced resistance to *Bremia lactucae*. The seed parent is susceptible to *Bremia lactucae* BI:27 isolate and the pollen parent is susceptible to *Bremia lactucae* BI:26 isolate. Breeders name: 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
Plant	diameter	small to medium
Seedling	anthocyanin colouration	present
Plant	head formation	no head
Leaf	blistering	absent or very weak
Leaf	hue of green colour of outer leaves	reddish
Leaf	anthocyanin colouration	present
Time	of beginning of bolting under long day conditions	very late
Resistance to Downy mildew (<i>Bremia lactucae</i>)	BI: 23	present

Most Similar Varieties of Common Knowledge identified (VCK)

'Jadigon'
'Terragon'

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	
'Ezra'	Plant	Nr:0-resistance	present	absent
'Ezra'	Leaf	degree of undulation of margin	medium	strong
'Triplex'	Leaf	intensity of anthocyanin colouration	strong	very strong
'Madrigon'	Seed	colour	black	white
'Madrigon'	Plant	<i>Bremecia lactucae</i> Isolate BI.28 resistance	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	'Duplex'	'Jadigon'	'Teragon'
<input checked="" type="checkbox"/> *Seed: colour	black	white	white
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present	present
<input type="checkbox"/> *Plant: diameter	small to medium	medium	small to medium
<input type="checkbox"/> *Plant: head formation	no head	no head	no head
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	reddish	reddish	reddish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	dark	medium to dark	dark to very dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present	present
<input type="checkbox"/> *Leaf: intensity of anthocyanin colouration	strong	medium to strong	strong to very strong
<input checked="" type="checkbox"/> Leaf: distribution of anthocyanin	entire	localised	localised
<input type="checkbox"/> *Leaf: blistering	absent or very weak	absent or very weak	absent or very weak to weak
<input checked="" type="checkbox"/> *Leaf blade: degree of undulation of margin	medium	strong to very strong	strong to very strong
<input checked="" type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	medium to deep	shallow	shallow
<input checked="" type="checkbox"/> Leaf blade: density of incisions on margin on apical part	medium	dense to very dense	dense to very dense
<input type="checkbox"/> Time of: harvest maturity	medium	medium	early to medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	very late	very late
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 21	present	present	present

<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 18	present	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 17	present		
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 5	present		
<input type="checkbox"/>	*Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 23	present	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 22	present	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 12	present		
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 15	present		
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 2	present		
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 16	present	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 7	present		
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 24	present	present	absent
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 14	present		
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 20	present	present	present
<input checked="" type="checkbox"/>	Resistance to: lettuce mosaic virus Strain Ls 1	absent	absent	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Duplex'	'Jadigon'	'Teragon'
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i>	present	present	present
<input type="checkbox"/> Resistance to: <i>Bremia lactucae</i> Bl:28	present	present	present
<input checked="" type="checkbox"/> Resistance to : <i>Bremia Lactucae</i> Bl:26	present	present	absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2010	Granted	'Duplex'
European Union	2010	Pending	'Duplex'

First sold in France and Australia in December 2010.

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

Details of Application

Application Number	2006/176
Variety Name	'Moria'
Genus Species	<i>Citrus reticulata</i>
Coon Name	Mandarin
Synonym	Nil
Accepted Date	26 Jul 2006
Applicant	The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation, Beit-Dagan, Israel
Agent	Australian Nurserymen's Fruit Improvement Company Limited, Kallangur, QLD
Qualified Person	Gavin Porter

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademarks Office
Overseas Data Reference Number	PP13460
Location	The states of expression were verified under Australian conditions where possible.
Descriptor	UPOV TG <i>Citrus</i> L. Mandarins 201/1

Origin and Breeding

Induced mutation: 'Murcott'. In the spring of 1986 and 1987, 400 buds of 'Murcott' were irradiated by exposure to 3.5-4 Krad of gamma radiation from Co60 source. The irradiated buds were grafted and after 6 months were regrafted. Field planting was established in 1988 and 1989. The first fruits were observed in 1990 and 1991.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Fruit	diameter	medium
Fruit	Parthenocarpy	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Coents
'Murcott'	parent

Variety Description and Distinctness - Nominate Distinguishing Characteristics (tick) which distinguish the candidate from one or more of the comparators

Organ/Plant Part: Context	‘Moria’	‘Moria’ (O/S data)	‘Murcott’
<input type="checkbox"/> Ploidy:	diploid	diploid	diploid
<input type="checkbox"/> *Tree: growth habit	spreading*	upright	upright
<input type="checkbox"/> Tree: density of spines	intermediate	intermediate	
<input type="checkbox"/> Tree: length of spines	medium*	very short to short	
<input type="checkbox"/> Leaf blade: length	short	short to medium	short to medium
<input type="checkbox"/> Leaf blade: width	medium	medium	medium
<input type="checkbox"/> Leaf blade: ratio length/width	medium	medium	small to medium
<input type="checkbox"/> Leaf blade: shape in cross section	strongly concave*	straight or weakly concave	
<input type="checkbox"/> Leaf blade: twisting	absent or weak	absent or weak	
<input type="checkbox"/> Leaf blade: blistering	absent or weak	absent or weak	
<input type="checkbox"/> Leaf blade: green colour	medium to dark	medium to dark	
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak	absent or weak	
<input type="checkbox"/> Leaf blade: incisions of margin	crenate		
<input type="checkbox"/> Leaf blade: shape of apex	obtuse		
<input type="checkbox"/> Leaf blade: emargination at tip	present		
<input type="checkbox"/> Petiole: length	short to medium	short to medium	short to medium
<input type="checkbox"/> Petiole: presence of wings	present*	absent	present
<input type="checkbox"/> Petiole: width of wings (varieties with petiole wings present only)	very narrow		very narrow
<input type="checkbox"/> Flower: diameter of calyx	small		
<input type="checkbox"/> Flower: length of petal	short		
<input type="checkbox"/> Flower: width of petal	narrow		
<input type="checkbox"/> Flower: ratio length/width of petal	small to medium		
<input type="checkbox"/> Flower: length of stamens	short		
<input type="checkbox"/> Anther: colour	light yellow	light yellow	
<input type="checkbox"/> Anther: viable pollen	present	present	present
<input type="checkbox"/> Style: length	short		
<input type="checkbox"/> *Fruit: length	medium	medium	medium
<input type="checkbox"/> *Fruit: diameter	medium	medium	medium
<input type="checkbox"/> *Fruit: ratio length/diameter	medium	medium	medium

<input type="checkbox"/>	*Fruit: position of broadest part	at middle	at middle	at middle
<input type="checkbox"/>	Fruit: shape in transverse section	circular	circular	circular
<input type="checkbox"/>	*Fruit: general shape of proximal part	flattened	flattened	flattened
<input type="checkbox"/>	*Fruit: presence of neck	absent	absent	absent
<input type="checkbox"/>	*Fruit: presence of depression at stalk end (varieties without fruit neck only)	absent*	present	
<input type="checkbox"/>	Fruit: presence of constriction at stalk end	absent		absent
<input type="checkbox"/>	Fruit: number of radial grooves at stalk end	absent or few		absent or few
<input type="checkbox"/>	Fruit: length of radial grooves at stalk end	very short		
<input type="checkbox"/>	Fruit: abscission layer between floral disc and fruit	absent or weakly developed		
<input type="checkbox"/>	*Fruit: general shape of distal part	flattened		
<input type="checkbox"/>	*Fruit: presence of depression at distal end	absent		absent
<input type="checkbox"/>	*Fruit: presence of areola	absent*	incomplete	absent
<input type="checkbox"/>	Fruit: diameter of styler scar	very small		
<input type="checkbox"/>	Fruit: persistence of style	none	none	none
<input type="checkbox"/>	Fruit: presence of navel opening	absent	absent	absent
<input type="checkbox"/>	Fruit: presence of radial grooves at distal end	absent		
<input type="checkbox"/>	*Fruit surface: predominant colours	yellow orange*	medium orange	yellow orange
<input type="checkbox"/>	*Fruit surface: glossiness	medium to strong		medium
<input type="checkbox"/>	Fruit surface: roughness	very smooth to smooth	smooth	smooth
<input type="checkbox"/>	Fruit surface: size of oil glands	larger ones interspersed by smaller ones		
<input type="checkbox"/>	Fruit surface: size of larger oil glands	small	small to medium	medium
<input type="checkbox"/>	Fruit surface: conspicuousness of larger oil glands	medium to strong	medium	medium to strong
<input type="checkbox"/>	Fruit surface: presence of pitting and pebbling in oil glands	pitting present, pebbling absent		
<input type="checkbox"/>	Fruit surface: density of pitting (varieties with fruit surface: pitting on oil glands present only)	sparse		
<input type="checkbox"/>	*Fruit rind: thickness	very thin*	thin	very thin to thin
<input type="checkbox"/>	*Fruit rind: adherence to flesh	very weak to weak		medium

<input type="checkbox"/>	Fruit rind: strength	weak to medium		
<input type="checkbox"/>	Fruit rind: oiliness	dry to medium		
<input type="checkbox"/>	Fruit rind: conspicuousness of oil glands on inner surface	absent or weakly conspicuous		
<input type="checkbox"/>	Fruit: colour of albedo	white*	light orange	white
<input type="checkbox"/>	Fruit: density of albedo	medium		
<input type="checkbox"/>	*Fruit: amount of albedo adhering to flesh	very small to small		
<input type="checkbox"/>	Fruit: presence of albedo strands	present		
<input type="checkbox"/>	Fruit: amount of albedo strands	very small		
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	medium orange	medium orange	dark orange
<input type="checkbox"/>	Fruit: filling of core	medium to dense		
<input type="checkbox"/>	Fruit: diameter of core	small		
<input type="checkbox"/>	Fruit: presence of rudimentary segments	absent or weak		
<input type="checkbox"/>	Fruit: number of well developed segments	medium to many	medium to many	
<input type="checkbox"/>	Fruit: coherence of adjacent segment walls	strong		
<input type="checkbox"/>	Fruit: strength of segment walls	medium		
<input type="checkbox"/>	Fruit: length of juice vesicles	short to medium		
<input type="checkbox"/>	Fruit: thickness of juice vesicles	thin to medium		
<input type="checkbox"/>	Fruit: conspicuousness of juice vesicle walls	low to medium		
<input type="checkbox"/>	Fruit: coherence of juice vesicles	medium to strong		
<input type="checkbox"/>	*Fruit: presence of navel (viewed internally)	absent or very rare	absent or very rare	
<input checked="" type="checkbox"/>	Fruit: juiciness	high	high	medium
<input type="checkbox"/>	*Fruit juice: total soluble solids	medium to high		high to very high
<input type="checkbox"/>	Fruit juice: acidity	medium		medium
<input type="checkbox"/>	Fruit: strength of fibre	medium		
<input checked="" type="checkbox"/>	Fruit: number of seeds (controlled manual self-pollination)	absent or very few	very few to few	many to very many
<input checked="" type="checkbox"/>	Fruit: number of seeds (open pollination)	absent or very few	very few to few	many to very many
<input type="checkbox"/>	*Seed: polyembryony	absent*	present	present
<input type="checkbox"/>	Seed: length	medium		
<input type="checkbox"/>	Seed: width	medium		

<input type="checkbox"/>	Seed: surface	wrinkled		
<input type="checkbox"/>	Seed: prominence of wrinkles (varieties with seed surface wrinkled only)	weak		
<input type="checkbox"/>	Seed: external colour	whitish	whitish	
<input type="checkbox"/>	Seed: colour of inner seed coat	light yellow	light yellow	
<input type="checkbox"/>	Seed: colour of cotyledons (varieties with seed: polyembryony present only)	cream	cream	
<input type="checkbox"/>	*Time of: maturity of fruit for consumption	late	late	late
<input type="checkbox"/>	*Fruit: parthenocarpy	absent	absent	absent
<input type="checkbox"/>	Plant: self-incompatibility	present		

Note – The states of expression indicated with * in the local observations differ from the observations in overseas data.

Statistical Table

Organ/Plant Part: Context	'Moria'
<input type="checkbox"/> Leaf: Blade length(mm)	
Mean	80.71
Std. Deviation	5.56
<input type="checkbox"/> Leaf: Blade width(mm)	
Mean	40.43
Std. Deviation	4.24
<input type="checkbox"/> Petiole: Length(mm)	
Mean	9.36
Std. Deviation	1.24
<input type="checkbox"/> Flower: Diameter of calyx(mm)	
Mean	22.77
Std. Deviation	1.51
<input type="checkbox"/> Flower: Length of sepal(mm)	
Mean	12.28
Std. Deviation	0.04
<input type="checkbox"/> Flower: Width of petal(mm)	
Mean	6.00
Std. Deviation	0.03
<input type="checkbox"/> Flower: Length of stamens(mm)	
Mean	7.00
Std. Deviation	0.02
<input type="checkbox"/> Flower: Style length(mm)	
Mean	5.00
Std. Deviation	0.02
<input type="checkbox"/> Fruit: Length(mm)	
Mean	47.14
Std. Deviation	1.17
<input type="checkbox"/> Fruit: Diameter(mm)	

Mean	61.96
Std. Deviation	1.31
<input type="checkbox"/> Fruit: Surface size of larger oil glands	
Mean	1.60
Std. Deviation	0.01
<input type="checkbox"/> Fruit: Rind thickness(mm)	
Mean	4.00
Std. Deviation	0.01
<input type="checkbox"/> Fruit: Diameter of core(mm)	
Mean	6.75
Std. Deviation	0.65
<input type="checkbox"/> Fruit: Number of well developed segments	
Mean	10.91
Std. Deviation	0.34
<input type="checkbox"/> Fruit: Length of juice vesicles(mm)	
Mean	5.05
Std. Deviation	0.41
<input type="checkbox"/> Fruit: Thickness of juice vesicles(mm)	
Mean	2.00
Std. Deviation	0.01
<input type="checkbox"/> Fruit: Number of seeds	
Mean	4.00
Std. Deviation	0.01
<input type="checkbox"/> Seed: Length(mm)	
Mean	11.01
Std. Deviation	0.11
<input type="checkbox"/> Seed: Width(mm)	
Mean	6.00
Std. Deviation	0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Chile	2003	Granted	'Moria'
US	2000	Granted	'Moria'
Argentina	2003	Granted	'Moria'

Description: **Gavin Porter**, Kanlangur, QLD.

Details of Application

Application Number	2006/177
Variety Name	'Orri'
Genus Species	<i>Citrus reticulata</i>
Common Name	Mandarin
Synonym	Nil
Accepted Date	26 Jul 2006
Applicant	The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation, Beit-Dagen, Israel.
Agent	Australian Nurserymen's Fruit Improvement Company Limited, Kallangur, QLD.
Qualified Person	Gavin Porter

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademarks Office
Overseas Data Reference Number	PP13460
Location	Dareton, VIC. The states of expression were verified under Australian conditions where possible.
Descriptor	UPOV TG <i>Citrus</i> L. Mandarins 201/1

Origin and Breeding

Induced Mutation: 'Orah'. In the spring of 1987 and 1988, 300 buds of 'Orah' were irradiated by exposure to 3.5 krad of gamma radiation from Co60 source. The buds were grafted on rootstock mv1 and after six months were regrafted (mv2). Field planting was established in 1989 and first fruits were observed in 1994. The parent is characterised by fertile pollen and 9-27 seeds.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Fruit	diameter	medium
Tree	maturity of fruit for consumption	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

'Murcott'

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics Organ/P Context lant Part	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
'Orah'	Fruit	number of seeds (controlled manual self pollination)	absent or very few	medium to many	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	'Orri'	'Orri' (O/S data)	'Murcott'
<input type="checkbox"/> Ploidy:	diploid	diploid	
<input type="checkbox"/> *Tree: growth habit	spreading*	upright	
<input type="checkbox"/> Tree: density of spines	absent or sparse	absent or sparse	
<input type="checkbox"/> Tree: length of spines	short	short	
<input type="checkbox"/> Leaf blade: length	medium	short to medium	
<input type="checkbox"/> Leaf blade: width	medium	narrow to medium	
<input type="checkbox"/> Leaf blade: ratio length/width	medium to large	medium to large	
<input type="checkbox"/> Leaf blade: shape in cross section	intermediate*	straight or weakly concave	
<input type="checkbox"/> Leaf blade: twisting	absent or weak		
<input type="checkbox"/> Leaf blade: blistering	absent or weak		
<input type="checkbox"/> Leaf blade: green colour	dark	dark	
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak	absent or weak	
<input type="checkbox"/> Leaf blade: incisions of margin	crenate		
<input type="checkbox"/> Leaf blade: shape of apex	acute		
<input type="checkbox"/> Leaf blade: emargination at tip	present		
<input type="checkbox"/> Petiole: length	medium to long	medium to long	
<input type="checkbox"/> Petiole: presence of wings	present*	absent	
<input type="checkbox"/> Petiole: width of wings (varieties with petiole wings present only)	very narrow		
<input type="checkbox"/> Flower: diameter of calyx	small to medium		
<input type="checkbox"/> Flower: length of petal	short		
<input type="checkbox"/> Flower: width of petal	narrow		

<input type="checkbox"/>	Flower: ratio length/width of petal	small to medium	
<input type="checkbox"/>	Flower: length of stamens	short	
<input type="checkbox"/>	Anther: colour	light yellow*	white
<input type="checkbox"/>	Anther: viable pollen	absent	present
<input type="checkbox"/>	Style: length	medium	
<input type="checkbox"/>	*Fruit: length	medium to long	medium
<input type="checkbox"/>	*Fruit: diameter	medium	medium
<input type="checkbox"/>	*Fruit: ratio length/diameter	medium to large	medium
<input type="checkbox"/>	*Fruit: position of broadest part	at middle	at middle
<input type="checkbox"/>	Fruit: shape in transverse section	circular	circular
<input type="checkbox"/>	*Fruit: general shape of proximal part	flattened	flattened
<input type="checkbox"/>	*Fruit: presence of neck	absent	absent
<input type="checkbox"/>	*Fruit: presence of depression at stalk end (varieties without fruit neck only)	present	present
<input type="checkbox"/>	Fruit: depth of depression at stalk end (varieties without fruit neck only)	medium	medium
<input type="checkbox"/>	Fruit: presence of constriction at stalk end	absent	
<input type="checkbox"/>	Fruit: number of radial grooves at stalk end	intermediate	
<input type="checkbox"/>	Fruit: length of radial grooves at stalk end	medium	
<input type="checkbox"/>	Fruit: presence of collar	absent	
<input type="checkbox"/>	Fruit: abscission layer between floral disc and fruit	absent or weakly developed	
<input type="checkbox"/>	*Fruit: general shape of distal part	flattened	
<input type="checkbox"/>	*Fruit: presence of depression at distal end	absent	
<input type="checkbox"/>	*Fruit: presence of areola	absent*	incomplete
<input type="checkbox"/>	Fruit: diameter of stylar scar	very small	
<input type="checkbox"/>	Fruit: persistence of style	none	none
<input type="checkbox"/>	Fruit: presence of navel opening	absent	absent
<input type="checkbox"/>	Fruit: presence of radial grooves at distal end	absent	
<input type="checkbox"/>	*Fruit surface: predominant colours	yellow orange	yellow orange
<input type="checkbox"/>	*Fruit surface: glossiness	medium to strong	
<input type="checkbox"/>	Fruit surface: roughness	smooth	smooth
<input type="checkbox"/>	Fruit surface: size of oil glands	all more or less the same size	all more or less the same size

<input type="checkbox"/>	Fruit surface: size of larger oil glands	small	small
<input type="checkbox"/>	Fruit surface: conspicuousness of larger oil glands	medium	medium
<input type="checkbox"/>	Fruit surface: presence of pitting and pebbling in oil glands	Pitting present, pebbling absent	
<input type="checkbox"/>	Fruit surface: density of pitting (varieties with fruit surface: pitting on oil glands present only)	medium	
<input type="checkbox"/>	*Fruit rind: thickness	medium*	thin
<input type="checkbox"/>	*Fruit rind: adherence to flesh	weak	weak
<input type="checkbox"/>	Fruit rind: strength	medium	
<input type="checkbox"/>	Fruit rind: oiliness	oily	
<input type="checkbox"/>	Fruit rind: conspicuousness of oil glands on inner surface	absent or weakly conspicuous	
<input type="checkbox"/>	Fruit: colour of albedo	white*	light orange
<input type="checkbox"/>	Fruit: density of albedo	medium	
<input type="checkbox"/>	*Fruit: amount of albedo adhering to flesh	small to medium	
<input type="checkbox"/>	Fruit: presence of albedo strands	present	
<input type="checkbox"/>	Fruit: amount of albedo strands	very small	
<input type="checkbox"/>	*Fruit: main colour of flesh	medium orange	
<input type="checkbox"/>	Fruit: filling of core	dense	
<input type="checkbox"/>	Fruit: diameter of core	very small	
<input type="checkbox"/>	Fruit: presence of rudimentary segments	absent or weak	
<input type="checkbox"/>	Fruit: number of well developed segments	medium	medium
<input type="checkbox"/>	Fruit: coherence of adjacent segment walls	medium to strong	
<input type="checkbox"/>	Fruit: strength of segment walls	weak to medium	
<input type="checkbox"/>	Fruit: length of juice vesicles	medium	
<input type="checkbox"/>	Fruit: thickness of juice vesicles	medium	
<input type="checkbox"/>	Fruit: conspicuousness of juice vesicle walls	low to medium	
<input type="checkbox"/>	Fruit: coherence of juice vesicles	medium to strong	
<input type="checkbox"/>	*Fruit: presence of navel (viewed internally)	absent or very rare	
<input type="checkbox"/>	Fruit: juiciness	medium	
<input type="checkbox"/>	*Fruit juice: total soluble solids	medium to high	
<input type="checkbox"/>	Fruit juice: acidity	medium	
<input type="checkbox"/>	Fruit: strength of fibre	medium	

<input checked="" type="checkbox"/>	Fruit: number of seeds (controlled manual self-pollination)	absent or very few	absent or very few	many
<input checked="" type="checkbox"/>	Fruit: number of seeds (open pollination)	absent or very few	absent or very few	many
<input checked="" type="checkbox"/>	*Seed: polyembryony	absent	absent	present
<input type="checkbox"/>	*Time of: maturity of fruit for consumption	medium to late	medium to late	medium to late
<input type="checkbox"/>	Plant: self-incompatibility	present		

Note – The states of expression indicated with * in the local observations differ from the observations in overseas data

Statistical Table

Organ/Plant Part: Context	'Orri'
<input type="checkbox"/> Leaf: blade length(mm)	
Mean	110.59
Std. Deviation	6.26
<input type="checkbox"/> Leaf: blade width(mm)_	
Mean	43.01
Std. Deviation	3.61
<input type="checkbox"/> Petiole: length(mm)	
Mean	15.51
Std. Deviation	1.21
<input type="checkbox"/> Flower: diameter of calyx(mm)	
Mean	25.28
Std. Deviation	1.23
<input type="checkbox"/> Flower: length of sepal(mm)	
Mean	12.50
Std. Deviation	0.04
<input type="checkbox"/> Flower: width of petal(mm)	
Mean	6.00
Std. Deviation	0.03
<input type="checkbox"/> Flower: length of stamens(mm)	
Mean	8.00
Std. Deviation	0.01
<input type="checkbox"/> Flower: style length(mm)	
Mean	11.33
Std. Deviation	0.02
<input type="checkbox"/> Fruit: length(mm)	
Mean	54.89
Std. Deviation	1.31
<input type="checkbox"/> Fruit: diameter(mm)	
Mean	66.38
Std. Deviation	1.59
<input type="checkbox"/> Fruit: number of radial grooves at stalk end	

Mean	7.01
Std. Deviation	0.05
<input type="checkbox"/> Fruit: Length of radial grooves at stalk end(mm)	
Mean	16.99
Std. Deviation	0.02
<input type="checkbox"/> Fruit: surface size of larger oil glands	
Mean	1.00
Std. Deviation	0.01
<input type="checkbox"/> Fruit: Rind thickness(mm)	
Mean	5.00
Std. Deviation	0.01
<input type="checkbox"/> Fruit: Number of well developed segments	
Mean	8.04
Std. Deviation	0.36
<input type="checkbox"/> Fruit: Length of juice vesicles(mm)	
Mean	8.04
Std. Deviation	0.40
<input type="checkbox"/> Fruit: Thickness of juice vesicles(mm)	
Mean	3.00
Std. Deviation	0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Chile	2002	Granted	'Orri'
USA	2003	Granted	'Orri'
Argentina	2003	Granted	'Orri'

Description: **Gavin Porter**, Kallangur, QLD.

Details of Application

Application Number	2009/191
Variety Name	'Nectar'
Genus Species	<i>Citrus reticulata</i>
Common Name	Mandarin
Synonym	Nil
Accepted Date	11-Dec-2009
Applicant	The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation
Agent	Australian Nurserymen's Fruit Improvement Company Limited, Bathurst, NSW
Qualified Person	Gavin Porter

Details of Comparative Trial

Overseas Testing Authority	United States Patent and Trademark Office (USPTO)
Overseas Data Reference Number	US PP 13,624
Location	Dareton, NSW
Descriptor	Mandarin (<i>Citrus</i>) TG 201/1
Period	2011-2012
Conditions	A standard growing season occurred in 2011 to 2012. All trees were in good health and there were no visible signs of pest and disease issues.
Trial Design	10 trees of Nectar on Citrange rootstock were planted in a trial block at Dareton, NSW. Standard cultural practices were used during the trial.
Measurements	Measurements were taken from 5 trees.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The objective in breeding 'Nectar' was to obtain a mid to late ripening citrus mandarin with few or no seeds. In the spring of 1979, a controlled pollination cross of Wilking mandarin was made at the Agricultural Research Organization, Volcani Center, Bet Dagan Israel. The fruit was collected in November 1979 and seeds of the fruit germinated during January 1980. About 150 seedlings were grown. Each seedling was grafted in September 1982 onto Troyer rootstock seedlings. The grafted plants were planted in June 1984 in the ARO experimental grove, Bet Dagan, Israel. The first fruits were observed in January 1988 and again in 1989. One of the seedlings was designated 56/4. This scion was fully ripe in the last week of December to the end of January. The fruit of this selection was orange in colour and completely seedless. Budwood was taken of 56/4 and grafted in the spring of 1988 onto 6 Troyer rootstocks. The grafted plants were planted a year later. The first crop was obtained in 1992. The yield of the scion grafted onto Troyer rootstock was good. The fruit was fully ripe in January. The colour of the ripe fruit was orange and the fruit was easy to peel and had a very rich flavour. The juice had a sugar concentration of about 13% and an acid concentration of 0.9%. Breeder: The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation.

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	polyembryony	absent to very low
Time of	maturity of fruit for consumption	early to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Imperial'	
'Hickson'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Imperial'	Time of maturity of fruit for consumption	early to mid season	very early to 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	'Nectar'	'Hickson'	'Nectar' (os data)
<input type="checkbox"/> Ploidy:	diploid	diploid	diploid
<input type="checkbox"/> *Tree: growth habit	spreading	spreading	spreading
<input type="checkbox"/> Tree: density of spines	intermediate	absent or sparse	¹ absent or sparse
<input type="checkbox"/> Tree: length of spines	medium		¹ very short to short
<input type="checkbox"/> Leaf blade: length	short to medium	medium	medium
<input type="checkbox"/> Leaf blade: width	narrow to medium	medium	medium
<input type="checkbox"/> Leaf blade: ratio length/width	large	medium	¹ medium
<input type="checkbox"/> Leaf blade: shape in cross section	strongly concave		¹ straight or weakly concave
<input type="checkbox"/> Leaf blade: twisting	absent or weak		
<input type="checkbox"/> Leaf blade: blistering	absent or weak		
<input type="checkbox"/> Leaf blade: green colour	medium to dark	medium	medium to dark
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak		absent or weak
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	crenate	
<input type="checkbox"/> Leaf blade: shape of apex	acute	obtuse	

<input type="checkbox"/>	Leaf blade: emargination at tip	present		
<input type="checkbox"/>	Petiole: length	short to medium		
<input type="checkbox"/>	Petiole: presence of wings	present		¹ absent
<input type="checkbox"/>	Petiole: width of wings (varieties with petiole wings present only)	very narrow		
<input type="checkbox"/>	Flower: diameter of calyx	small		
<input type="checkbox"/>	Flower: length of petal	short		
<input type="checkbox"/>	Flower: width of petal	narrow		
<input type="checkbox"/>	Flower: ratio length/width of petal	medium		
<input type="checkbox"/>	Flower: length of stamens	medium		
<input type="checkbox"/>	Anther: colour	medium yellow		medium yellow
<input type="checkbox"/>	Anther: viable pollen	absent		absent
<input type="checkbox"/>	Style: length	short to medium		
<input type="checkbox"/>	*Fruit: length	medium to long	medium	¹ medium
<input type="checkbox"/>	*Fruit: diameter	medium to large	medium	¹ medium
<input type="checkbox"/>	*Fruit: ratio length/diameter	medium	medium	medium
<input type="checkbox"/>	*Fruit: position of broadest part	at middle	at middle	at middle
<input type="checkbox"/>	Fruit: shape in transverse section	somewhat angular	somewhat angular	¹ circular
<input type="checkbox"/>	*Fruit: general shape of proximal part	flattened	flattened	flattened
<input checked="" type="checkbox"/>	*Fruit: presence of neck	absent	present	absent
<input type="checkbox"/>	*Fruit: presence of depression at stalk end (varieties without fruit neck only)	present		¹ absent
<input type="checkbox"/>	Fruit: depth of depression at stalk end (varieties without fruit neck only)	very shallow		
<input type="checkbox"/>	Fruit: presence of constriction at stalk end	absent	present	
<input type="checkbox"/>	Fruit: number of radial grooves at stalk end	intermediate	intermediate	

<input type="checkbox"/>	Fruit: length of radial grooves at stalk end	long	medium	
<input type="checkbox"/>	Fruit: presence of collar	absent	absent	absent
<input type="checkbox"/>	Fruit: abscission layer between floral disc and fruit	absent or weakly developed		
<input type="checkbox"/>	*Fruit: general shape of distal part	flattened		
<input checked="" type="checkbox"/>	*Fruit: presence of depression at distal end	absent	present	absent
<input type="checkbox"/>	*Fruit: presence of areola	absent	complete	¹ incomplete
<input type="checkbox"/>	Fruit: diameter of stylar scar	very small	small	
<input type="checkbox"/>	Fruit: persistence of style	none	none	none
<input type="checkbox"/>	Fruit: presence of navel opening	occasionally present	occasionally present	¹ absent
<input type="checkbox"/>	Fruit: diameter of navel opening	very small		
<input type="checkbox"/>	Fruit: presence of radial grooves at distal end	absent	absent	
<input type="checkbox"/>	*Fruit surface: predominant colours	medium orange	medium orange	¹ yellow orange
<input type="checkbox"/>	*Fruit surface: glossiness	weak to medium	weak to medium	
<input type="checkbox"/>	Fruit surface: size of oil glands	all more or less the same size		all more or less the same size
<input type="checkbox"/>	Fruit surface: size of larger oil glands	very small to small		small to medium
<input type="checkbox"/>	Fruit surface: conspicuousness of larger oil glands	weak to medium		
<input type="checkbox"/>	Fruit surface: presence of pitting and pebbling in oil glands	pitting absent, pebbling present		
<input type="checkbox"/>	Fruit surface: density of pebbling (varieties with fruit surface: pebbling on oil glands present only)	medium to dense		
<input type="checkbox"/>	Fruit surface: degree of pebbling (varieties with fruit surface: pebbling on oil glands present only)	medium to strong		

<input type="checkbox"/>	*Fruit rind: thickness	thin to medium	thin to medium	¹ thin
<input type="checkbox"/>	*Fruit rind: adherence to flesh	strong	weak to medium	¹ medium
<input type="checkbox"/>	Fruit rind: strength	medium to strong	medium	
<input type="checkbox"/>	Fruit rind: oiliness	oily	medium	
<input type="checkbox"/>	Fruit rind: conspicuousness of oil glands on inner surface	intermediate	strongly conspicuous	
<input type="checkbox"/>	Fruit: colour of albedo	white	light yellow	¹ light orange
<input type="checkbox"/>	Fruit: density of albedo	medium to dense	medium	
<input type="checkbox"/>	*Fruit: amount of albedo adhering to flesh	small to medium	medium	
<input type="checkbox"/>	Fruit: presence of albedo strands	present		
<input type="checkbox"/>	Fruit: amount of albedo strands	medium		
<input type="checkbox"/>	*Fruit: main colour of flesh	medium orange	medium orange	medium orange
<input type="checkbox"/>	Fruit: filling of core	medium to dense	absent or very sparse to sparse	
<input type="checkbox"/>	Fruit: diameter of core	small to medium		
<input type="checkbox"/>	Fruit: presence of rudimentary segments	absent or weak		
<input type="checkbox"/>	Fruit: number of well developed segments	medium	medium	medium
<input type="checkbox"/>	Fruit: coherence of adjacent segment walls	weak	medium	
<input type="checkbox"/>	Fruit: strength of segment walls	medium to strong		
<input type="checkbox"/>	Fruit: length of juice vesicles	medium		
<input type="checkbox"/>	Fruit: thickness of juice vesicles	medium		
<input type="checkbox"/>	Fruit: conspicuousness of juice vesicle walls	medium		
<input type="checkbox"/>	Fruit: coherence of juice vesicles	weak to medium		
<input type="checkbox"/>	*Fruit: presence of navel (viewed internally)	absent or very rare	absent or very rare	
<input type="checkbox"/>	Fruit: juiciness	high	high	
<input type="checkbox"/>	*Fruit juice: total soluble	medium to high	medium	

solids

<input type="checkbox"/>	Fruit juice: acidity	medium		
<input type="checkbox"/>	Fruit: strength of fibre	medium	medium	
<input type="checkbox"/>	Fruit: number of seeds (controlled manual self-pollination)	absent or very few		absent or very few
<input checked="" type="checkbox"/>	Fruit: number of seeds (open pollination)	absent or very few	medium	absent or very few
<input type="checkbox"/>	*Seed: polyembryony	absent	absent	absent
<input type="checkbox"/>	Seed: length	short		
<input type="checkbox"/>	Seed: width	narrow		
<input type="checkbox"/>	Seed: surface	wrinkled	wrinkled	
<input type="checkbox"/>	Seed: prominence of wrinkles (varieties with seed surface wrinkled only)	strong	very weak to weak	
<input type="checkbox"/>	Seed: external colour	whitish	whitish	
<input type="checkbox"/>	Seed: colour of inner seed coat	light brown	light brown	
<input type="checkbox"/>	*Time of: maturity of fruit for consumption	early to medium	medium	early to medium
<input checked="" type="checkbox"/>	*Fruit: parthenocarpy	present	absent	
<input type="checkbox"/>	Plant: self-incompatibility	present		

Note: The state of expression indicated with ¹ in the local observations differ from the observation in overseas data.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2000	Granted	'Nectar'

Description: **Gavin Porter**, Kanlangur, QLD.

Details of Application

Application Number	2010/201
Variety Name	'RingpenGL'
Genus Species	<i>Melaleuca ringens</i>
Common Name	Melaleuca
Synonym	Nil
Accepted Date	24 Nov 2010
Applicant	George A Lullfitz, Wanneroo, WA
Agent	n/a
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway, Muchea, WA
Descriptor	General Descriptor
Period	August 2010 to January 2011
Conditions	Potted into 300mm containers (from 200mm in the previous year) and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50 km north of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety
Measurements	Observations were made on plants parts. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: May 2003-Seedling selection of a narrow erect form from within a seedling batch of the common form of *Melaleuca ringens* grown as nursery production stock. August 2003 - separated from batch and cuttings taken (generation 1). January 2004 - cuttings taken again to bulk material and assess further Gen 2. August 2004 - Plants potted and planted in ground for assessment. March 2005- Cuttings taken (gen 3). April 2006 to August 2008- Three more generations of cuttings to bulk up stock numbers (generation 4-6). March 2010- Cuttings taken (generation 7). September 2010 - Trials planted for final testing and comparison purposes. The variety 'RingpenGL' demonstrates the character for which it was selected. All generations were uniform and stable with no off types being observed. For the trial, cuttings will be taken from a typical representative of the common industry form. Breeder: George A. Lullfitz, Wanneroo, WA.

Choice of Comparators

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

Organ/PlantContext Part	State of Expression in Group of Varieties
Plant type	shrub

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

CommonAt the time of application there were no named or recognised cultivars of form the species.

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

Organ/Plant Part: Context	'RingpenGL'	Common form
<input type="checkbox"/> Plant: type	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	narrow erect	bushy
<input type="checkbox"/> Plant: height	medium to tall	short to medium
<input checked="" type="checkbox"/> Plant: width	very narrow	medium
<input type="checkbox"/> Stem: thorns, prickles, spines etc	absent	absent
<input type="checkbox"/> Stem: presence of hairs	absent	absent
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: attitude	horizontal	horizontal
<input type="checkbox"/> Leaf: length of blade	short	short
<input type="checkbox"/> Leaf: width of blade	narrow to medium	narrow to medium
<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	absent	absent
<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	recurved	recurved
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent

Characteristics Additional to the descriptor/TG

Organ/Plant Part: Context	'RingpenGL'	Common form
<input type="checkbox"/> Leaf: arrangement	spiral	spiral

Prior Applications and Sales

Prior applications nil. First sold in Australia in Sep 2009.

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

Details of Application

Application Number	2011/332
Variety Name	'HDO393502'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	Nil
Accepted Date	25 Jan 2012
Applicant	Seminis Vegetable Seeds Inc., Oxnard, CA, USA
Agent	Monsanto Australia Limited, Melbourne, VIC
Qualified Person	Conrad Leeks

Details of Comparative Trial

Location	Peracto, Bowen, Qld (Latitude 20°00'35.44''S Longitude 148°11'14.45'' E)
Descriptor	<i>Cucumis melo</i> (melon) UPOV TG/104/5
Period	May– July 2012
Conditions	Seedlings were raised at Queensland seedlings. Transplanted in the sandy soils in the ambient high rainfall area of Northern Queensland. Pest and diseases were managed by standard agronomic methods.
Trial Design	Spaced plant trial in a linear design with three replicates.
Measurements	All observations were done in accordance with UPOV TG/104/5
RHS Chart - edition	None

Origin and Breeding

Controlled pollination: HDO393502 originated as a single plant selection from CAWOWGH5150-F-01-080-1, a Seminis proprietary breeding line. Selfing and single plant selections continued for six more generations. Selection criteria in the development of HDO393502 included orange flesh color, firm flesh, and suitable shelf life, and resistance to Powdery Mildew Race 1 and 2. The breeding work was carried out by Paul Chung at the Seminis Vegetable Seed Research Station in Woodland, California. Additional observations made during two years of seed increase (2009 - 2010) confirm that this line is uniform and stable within commercially acceptable limits. Breeder: Seminis Vegetable Seeds Inc.

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

Organ/Plant Part Context		State of Expression in Group of Varieties
Inflorescence	sex expression	andromonoecious
Fruit	grooves	absent or very weakly expressed
Fruit	cork formation	absent
Seed	colour	cream yellow
Plant	time of male flowering	very early/early
Plant	time of male flowering	very early/early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PS 03935152'	Hybrid
'HD0393501'	Female parent
'Saturno'	Also known as 'Classique'

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	'HD0393502'	'HD0393501'	'PS 03935152'	'Saturno'
<input checked="" type="checkbox"/> Seedling: length of hypocotyl	short	medium	short	n/a
<input checked="" type="checkbox"/> Seedling: size of cotyledon	small	medium	small	n/a
<input checked="" type="checkbox"/> Seedling: intensity of green colour of cotyledon	light	medium	light	n/a
<input checked="" type="checkbox"/> Leaf blade: size	large	large	medium	n/a
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	dark	dark	n/a
<input checked="" type="checkbox"/> Leaf blade: development of lobes	medium	strong	weak	n/a
<input type="checkbox"/> Leaf blade: length of terminal lobe	medium	long	short	n/a
<input type="checkbox"/> Leaf blade: dentation of margin	weak	medium	weak	n/a
<input type="checkbox"/> Leaf blade: blistering	weak	strong	medium	n/a
<input type="checkbox"/> Petiole: attitude	erect	erect	erect	n/a
<input type="checkbox"/> Petiole: length	long	long	long	n/a
<input type="checkbox"/> *Inflorescence: sex expression	andromonoecious	andromonoecious	andromonoecious	andromonoecious
<input type="checkbox"/> Young fruit: hue of green colour of skin	green	whitish green	yellowish green	n/a
<input type="checkbox"/> *Young fruit: intensity of green colour of skin	light	light	light	n/a
<input type="checkbox"/> Young fruit: density of dots	dense	very dense	absent or very sparse	n/a
<input type="checkbox"/> Young fruit: conspicuousness of groove colouring	absent or very weak	absent or very weak	absent or very weak	n/a
<input type="checkbox"/> Young fruit: length of peduncle	medium	very short	long	n/a
<input type="checkbox"/> Young fruit: thickness of peduncle 1 cm from fruit	medium	medium	medium	n/a
<input type="checkbox"/> Young fruit: extension of darker area around peduncle	medium	absent or very small	absent or very small	n/a
<input type="checkbox"/> Fruit: change of skin colour from young fruit to maturity	late in fruit development	early in fruit development	early in fruit development	late in fruit development

<input type="checkbox"/>	*Fruit: length	long	medium	long	medium
<input type="checkbox"/>	*Fruit: diameter	broad	medium	broad	medium
<input type="checkbox"/>	*Fruit: ratio length/diameter	medium to large	medium	medium	medium
<input type="checkbox"/>	*Fruit: position of maximum diameter	at middle	at middle	at middle	at middle
<input type="checkbox"/>	*Fruit: shape in longitudinal section	broad elliptic	broad elliptic	oblate	broad elliptic
<input type="checkbox"/>	*Fruit: ground colour of skin	yellow	yellow	yellow	white
<input type="checkbox"/>	Fruit: intensity of ground colour of skin	light	light	light to medium	medium
<input type="checkbox"/>	Fruit: hue of ground colour of skin	greenish	yellowish	absent or very weak	greenish
<input type="checkbox"/>	Fruit: density of dots	medium	medium	dense	dense
<input type="checkbox"/>	Fruit: size of dots	small	small	small	small to medium
<input type="checkbox"/>	Fruit: colour of dots	yellow	yellow	yellow	white
<input type="checkbox"/>	Fruit: intensity of colour of dots	light	very light	light	light
<input type="checkbox"/>	*Fruit: density of patches	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/>	*Fruit: warts	absent	absent	absent	absent
<input type="checkbox"/>	*Fruit: strength of attachment of peduncle at maturity	strong	medium	very weak	strong
<input type="checkbox"/>	*Fruit: shape of base	rounded	rounded	rounded	truncate
<input type="checkbox"/>	*Fruit: shape of apex	rounded	rounded	rounded	rounded
<input type="checkbox"/>	*Fruit: size of pistil scar	large	small to medium	medium	small
<input type="checkbox"/>	*Fruit: grooves	absent or very weakly expressed	absent or very weakly expressed	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: creasing of surface	absent or very weak	weak	weak	very weak to weak
<input type="checkbox"/>	*Fruit: cork formation	absent	absent	absent	absent
<input type="checkbox"/>	Fruit: rate of change of skin colour from maturity to over maturity	absent or very slow	absent or very slow	absent or very slow	absent or very slow
<input type="checkbox"/>	Fruit: width of flesh in longitudinal section	thick	medium	thick	thick
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	orange	orange	orange	green

<input type="checkbox"/>	Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	medium	light	light	n/a
<input type="checkbox"/>	Fruit: firmness of flesh	firm	firm	firm	firm
<input type="checkbox"/>	*Seed: length	short to medium	medium	medium	medium to long
<input type="checkbox"/>	Seed: width	medium	medium	narrow	medium
<input checked="" type="checkbox"/>	Seed: shape	pine-nut shape	pine-nut shape	pine-nut shape	not pine-nut shape
<input type="checkbox"/>	*Seed: colour	cream yellow	cream yellow	cream yellow	cream yellow
<input type="checkbox"/>	Seed: intensity of colour (varieties with cream yellow seed colour only)	dark	medium	dark	light
<input type="checkbox"/>	Time of: male flowering	very early	very early	very early	early
<input type="checkbox"/>	Time of: female flowering	very early	early	very early	early
<input checked="" type="checkbox"/>	Time of: ripening	early	very early	early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'HD0393502'	'HD0393501'	'PS 03935152'	'Saturno'
<input type="checkbox"/> Fruit: brix (degrees)	6.14	10.3	9.5	9

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2010	Applied	'HD0393502'

Prior sale nil.

Description: **Conrad Leeks and Shruti Dave**, Monsanto Australia Limited, Melbourne, VIC.

Details of Application

Application Number	2011/331
Variety Name	'HDO393501'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	Nil
Accepted Date	25 Jan 2012
Applicant	Seminis Vegetable Seeds Inc., Oxnard, CA, USA
Agent	Monsanto Australia Limited, Melbourne, VIC
Qualified Person	Conrad Leeks

Details of Comparative Trial

Location	Peracto, Bowen, Qld (Latitude 20°00'35.44''S Longitude 148°11'14.45'' E)
Descriptor	<i>Cucumis melo</i> (melon) UPOV TG/104/5
Period	May– July 2012
Conditions	Seedlings were raised at Queensland seedlings. Transplanted in the sandy soils in the ambient high rainfall area of Northern Queensland. Pest and diseases were managed by standard agronomic methods.
Trial Design	Spaced plant trial in a linear design with three replicates.
Measurements	All observations were done in accordance with UPOV TG/104/5
RHS Chart - edition	None

Origin and Breeding

Controlled pollination: HDO393501 originated as a single plant selection from CAWOWGH38-S-01-047-2a, a Seminis proprietary breeding line. Selfing and single plant selections continued for seven more generations. Selection criteria in the development of HDO393501 included orange flesh colour, firm flesh, and suitable shelf life, and resistance to Powdery Mildew Race 1 and 2. The breeding work was carried out by Paul Chung at the Seminis Vegetable Seed Research Station in Woodland, California. Additional observations made during five years of seed increase (2005 - 2010) confirm that this line is uniform and stable within commercially acceptable limits. Breeder: Seminis Vegetable Seeds Inc.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	sex expression	andromonoecious
Fruit	grooves	absent or very weakly expressed
Fruit	cork formation	absent
Seed	colour	cream yellow
Plant	time of male flowering	very early/early
Plant	time of male flowering	very early/early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PS 03935152'	Hybrid
'HD0393502'	Male parent
'Saturno'	Also known as 'Classique'

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	'HD0393501'	'PS 03935152'	'HD0393502'	'Saturno'
<input checked="" type="checkbox"/> Seedling: length of hypocotyl	medium	short	short	n/a
<input checked="" type="checkbox"/> Seedling: size of cotyledon	medium	small	small	n/a
<input checked="" type="checkbox"/> Seedling: intensity of green colour of cotyledon	medium	light	light	n/a
<input checked="" type="checkbox"/> Leaf blade: size	large	medium	large	n/a
<input type="checkbox"/> Leaf blade: intensity of green colour	dark	dark	medium	n/a
<input checked="" type="checkbox"/> Leaf blade: development of lobes	strong	weak	medium	n/a
<input type="checkbox"/> Leaf blade: length of terminal lobe	long	short	medium	n/a
<input type="checkbox"/> Leaf blade: dentation of margin	medium	weak	weak	n/a
<input type="checkbox"/> Leaf blade: blistering	strong	medium	weak	n/a
<input type="checkbox"/> Petiole: attitude	erect	erect	erect	n/a
<input type="checkbox"/> Petiole: length	long	long	long	n/a
<input type="checkbox"/> *Inflorescence: sex expression	andromonoecious	andromonoecious	andromonoecious	andromonoecious
<input type="checkbox"/> Young fruit: hue of green colour of skin	whitish green	yellowish green	green	n/a
<input type="checkbox"/> *Young fruit: intensity of green colour of skin	light	light	light	n/a
<input type="checkbox"/> Young fruit: density of dots	very dense	absent or very sparse	dense	n/a
<input type="checkbox"/> Young fruit: conspicuousness of groove colouring	absent or very weak	absent or very weak	absent or very weak	n/a
<input type="checkbox"/> Young fruit: length of peduncle	very short	long	medium	n/a

<input type="checkbox"/>	Young fruit: thickness of peduncle 1 cm from fruit	medium	medium	medium	n/a
<input type="checkbox"/>	Young fruit: extension of darker area around peduncle	absent or very small	absent or very small	medium	n/a
<input type="checkbox"/>	Fruit: change of skin colour from young fruit to maturity	early in fruit development	early in fruit development	late in fruit development	late in fruit development
<input type="checkbox"/>	*Fruit: length	medium	long	long	medium
<input type="checkbox"/>	*Fruit: diameter	medium	broad	broad	medium
<input type="checkbox"/>	*Fruit: ratio length/diameter	medium	medium	medium to large	medium
<input type="checkbox"/>	*Fruit: position of maximum diameter	at middle	at middle	at middle	at middle
<input type="checkbox"/>	*Fruit: shape in longitudinal section	broad elliptic	oblate	broad elliptic	broad elliptic
<input type="checkbox"/>	*Fruit: ground colour of skin	yellow	yellow	yellow	white
<input type="checkbox"/>	Fruit: intensity of ground colour of skin	light	light to medium	light	medium
<input type="checkbox"/>	Fruit: hue of ground colour of skin	yellowish	absent or very weak	greenish	greenish
<input type="checkbox"/>	Fruit: density of dots	medium	dense	medium	dense
<input type="checkbox"/>	Fruit: size of dots	small	small	small	small to medium
<input type="checkbox"/>	Fruit: colour of dots	yellow	yellow	yellow	white
<input type="checkbox"/>	Fruit: intensity of colour of dots	very light	light	light	light
<input type="checkbox"/>	*Fruit: density of patches	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/>	*Fruit: warts	absent	absent	absent	absent
<input type="checkbox"/>	*Fruit: strength of attachment of peduncle at maturity	medium	very weak	strong	strong
<input type="checkbox"/>	*Fruit: shape of base	rounded	rounded	rounded	truncate
<input type="checkbox"/>	*Fruit: shape of apex	rounded	rounded	rounded	rounded
<input type="checkbox"/>	*Fruit: size of pistil scar	small to medium	medium	large	small
<input type="checkbox"/>	*Fruit: grooves	absent or very weakly expressed	absent or very weakly expressed	absent or very weakly expressed	absent or very weakly expressed

<input type="checkbox"/>	*Fruit: creasing of surface	weak	weak	absent or very weak	very weak to weak
<input type="checkbox"/>	*Fruit: cork formation	absent	absent	absent	absent
<input type="checkbox"/>	Fruit: rate of change of skin colour from maturity to over maturity	absent or very slow	absent or very slow	absent or very slow	absent or very slow
<input type="checkbox"/>	Fruit: width of flesh in longitudinal section	medium	thick	thick	thick
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	orange	orange	orange	green
<input type="checkbox"/>	Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	light	light	medium	n/a
<input type="checkbox"/>	Fruit: firmness of flesh	firm	firm	firm	firm
<input type="checkbox"/>	*Seed: length	medium	medium	short to medium	medium to long
<input type="checkbox"/>	Seed: width	medium	narrow	medium	medium
<input checked="" type="checkbox"/>	Seed: shape	pine-nut shape	pine-nut shape	pine-nut shape	not pine-nut shape
<input type="checkbox"/>	*Seed: colour	cream yellow	cream yellow	cream yellow	cream yellow
<input type="checkbox"/>	Seed: intensity of colour (varieties with cream yellow seed colour only)	medium	dark	dark	light
<input type="checkbox"/>	Time of: male flowering	very early	very early	very early	early
<input type="checkbox"/>	Time of: female flowering	early	very early	very early	early
<input checked="" type="checkbox"/>	Time of: ripening	very early	early	early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context 'HD0393501' 'PS 03935152' 'HD0393502' 'Saturno'

<input type="checkbox"/>	Fruit: brix (degrees)	10.3	9.5	6.14	9
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Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2010	Applied	'HD0393501'

Prior sale nil.

Description: **Conrad Leeks and Shruti Dave**, Monsanto Australia Limited, Melbourne, VIC.

Details of Application

Application Number	2011/330
Variety Name	'PS 03935152'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	Nil
Accepted Date	25 Jan 2012
Applicant	Seminis Vegetable Seeds Inc., Oxnard, CA, USA
Agent	Monsanto Australia Limited, Melbourne, VIC
Qualified Person	Conrad Leeks

Details of Comparative Trial

Location	Peracto, Bowen, Qld (Latitude 20°00'35.44''S Longitude 148°11'14.45'' E)
Descriptor	<i>Cucumis melo</i> (melon) UPOV TG/104/5
Period	May– July 2012
Conditions	Seedlings were raised at Queensland seedlings. Transplanted in the sandy soils in the ambient high rainfall area of Northern Queensland. Pest and diseases were managed by standard agronomic methods.
Trial Design	Spaced plant trial in a linear design with three replicates.
Measurements	All observations were done in accordance with UPOV TG/104/5
RHS Chart - edition	None

Origin and Breeding

Controlled pollination: F1 hybrid PS 03935152 was created from an initial cross between the Seminis breeding lines 'HDO39-3501' and 'HDO39-3502'. Selection criteria in the development of PS 03935152 included orange flesh colour, firm flesh, and suitable shelf life. The breeding work was carried out by Paul Chung at the Seminis Vegetable Seed Research Station in Woodland, California. Observations made during 8 years of field trials and two years of seed increase (in 2008 and 2009) confirm that PS 03935152 is uniform and stable within commercially acceptable limits. Breeder: Seminis Vegetable Seeds Inc.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	sex expression	andromonoecious
Fruit	grooves	absent or very weakly expressed
Fruit	cork formation	absent
Seed	colour	cream yellow
Plant	time of male flowering	very early/early
Plant	time of male flowering	very early/early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'HD0393501'	Female parent
'HD0393502'	Male parent
'Saturno'	Also known as 'Classique'

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	'PS 03935152'	'HD0393501'	'HD0393502'	'Saturno'
<input checked="" type="checkbox"/> Seedling: length of hypocotyl	short	medium	short	n/a
<input checked="" type="checkbox"/> Seedling: size of cotyledon	small	medium	small	n/a
<input checked="" type="checkbox"/> Seedling: intensity of green colour of cotyledon	light	medium	light	n/a
<input checked="" type="checkbox"/> Leaf blade: size	medium	large	large	n/a
<input type="checkbox"/> Leaf blade: intensity of green colour	dark	dark	medium	n/a
<input checked="" type="checkbox"/> Leaf blade: development of lobes	weak	strong	medium	n/a
<input type="checkbox"/> Leaf blade: length of terminal lobe	short	long	medium	n/a
<input type="checkbox"/> Leaf blade: dentation of margin	weak	medium	weak	n/a
<input type="checkbox"/> Leaf blade: blistering	medium	strong	weak	n/a
<input type="checkbox"/> Petiole: attitude	erect	erect	erect	n/a
<input type="checkbox"/> Petiole: length	long	long	long	n/a
<input type="checkbox"/> *Inflorescence: sex expression	andromonoecious	andromonoecious	andromonoecious	andromonoecious
<input type="checkbox"/> Young fruit: hue of green colour of skin	yellowish green	whitish green	green	n/a
<input type="checkbox"/> *Young fruit: intensity of green colour of skin	light	light	light	n/a
<input type="checkbox"/> Young fruit: density of dots	absent or very sparse	very dense	dense	n/a
<input type="checkbox"/> Young fruit: conspicuousness of groove colouring	absent or very weak	absent or very weak	absent or very weak	n/a
<input type="checkbox"/> Young fruit: length of peduncle	long	very short	medium	n/a
<input type="checkbox"/> Young fruit: thickness of peduncle 1 cm from fruit	medium	medium	medium	n/a
<input type="checkbox"/> Young fruit: extension of darker area around peduncle	absent or very small	absent or very small	medium	n/a
<input type="checkbox"/> Fruit: change of skin colour from young fruit to maturity	early in fruit development	early in fruit development	late in fruit development	late in fruit development
<input type="checkbox"/> *Fruit: length	long	medium	long	medium

<input type="checkbox"/>	*Fruit: diameter	broad	medium	broad	medium
<input type="checkbox"/>	*Fruit: ratio length/diameter	medium	medium	medium to large	medium
<input type="checkbox"/>	*Fruit: position of maximum diameter	at middle	at middle	at middle	at middle
<input type="checkbox"/>	*Fruit: shape in longitudinal section	oblate	broad elliptic	broad elliptic	broad elliptic
<input type="checkbox"/>	*Fruit: ground colour of skin	yellow	yellow	yellow	white
<input type="checkbox"/>	Fruit: intensity of ground colour of skin	light to medium	light	light	medium
<input type="checkbox"/>	Fruit: hue of ground colour of skin	absent or very weak	yellowish	greenish	greenish
<input type="checkbox"/>	Fruit: density of dots	dense	medium	medium	dense
<input type="checkbox"/>	Fruit: size of dots	small	small	small	small to medium
<input type="checkbox"/>	Fruit: colour of dots	yellow	yellow	yellow	white
<input type="checkbox"/>	Fruit: intensity of colour of dots	light	very light	light	light
<input type="checkbox"/>	*Fruit: density of patches	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/>	*Fruit: warts	absent	absent	absent	absent
<input type="checkbox"/>	*Fruit: strength of attachment of peduncle at maturity	very weak	medium	strong	strong
<input type="checkbox"/>	*Fruit: shape of base	rounded	rounded	rounded	truncate
<input type="checkbox"/>	*Fruit: shape of apex	rounded	rounded	rounded	rounded
<input type="checkbox"/>	*Fruit: size of pistil scar	medium	small to medium	large	small
<input type="checkbox"/>	*Fruit: grooves	absent or very weakly expressed	absent or very weakly expressed	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: creasing of surface	weak	weak	absent or very weak	very weak to weak
<input type="checkbox"/>	*Fruit: cork formation	absent	absent	absent	absent
<input type="checkbox"/>	Fruit: rate of change of skin colour from maturity to over maturity	absent or very slow	absent or very slow	absent or very slow	absent or very slow
<input type="checkbox"/>	Fruit: width of flesh in longitudinal section	thick	medium	thick	thick
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	orange	orange	orange	green
<input type="checkbox"/>	Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	light	light	medium	n/a

<input type="checkbox"/>	Fruit: firmness of flesh	firm	firm	firm	firm
<input type="checkbox"/>	*Seed: length	medium	medium	short to medium	medium to long
<input type="checkbox"/>	Seed: width	narrow	medium	medium	medium
<input checked="" type="checkbox"/>	Seed: shape	pine-nut shape	pine-nut shape	pine-nut shape	not pine-nut shape
<input type="checkbox"/>	*Seed: colour	cream yellow	cream yellow	cream yellow	cream yellow
<input type="checkbox"/>	Seed: intensity of colour (varieties with cream yellow seed colour only)	dark	medium	dark	light
<input type="checkbox"/>	Time of: male flowering	very early	very early	very early	early
<input type="checkbox"/>	Time of: female flowering	very early	early	very early	early
<input checked="" type="checkbox"/>	Time of: ripening	early	very early	early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PS 03935152'	'HD0393501'	'HD0393502'	'Saturno'
<input type="checkbox"/> Fruit: brix (degrees)	9.5	10.3	6.14	9

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2010	Applied	'PS 03935152'

Prior sale nil.

Description: **Conrad Leeks and Shruti Dave**, Monsanto Australia Limited, Melbourne, VIC.

Details of Application

Application Number	2011/327
Variety Name	'PX 14556354'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	BLISSBOMB
Accepted Date	21 Feb 2012
Applicant	Seminis Vegetable Seeds Inc., Oxnard, CA, USA
Agent	Monsanto Australia Limited, Melbourne, VIC
Qualified Person	Conrad Leeks

Details of Comparative Trial

Location	Peracto, Bowen, Qld (Latitude 20°00'35.44''S Longitude 148°11'14.45'' E)
Descriptor	<i>Cucumis melo</i> (melon) UPOV TG/104/5
Period	May– July 2012
Conditions	Seedlings were raised at Queensland seedlings. Transplanted in the sandy soils in the ambient high rainfall area of Northern Queensland. Pest and diseases were managed by standard agronomic methods.
Trial Design	Spaced plant trial in a linear design with three replicates.
Measurements	All observations were done in accordance with UPOV TG/104/5
RHS Chart - edition	None

Origin and Breeding

Controlled pollination: Melon hybrid PX 14556354 was developed by pedigree selection from an initial cross between the proprietary melon inbred lines MZZ 1456043 (female parent) and MZZ 1456030 (male parent) in 2005 at the Seminis Research Station in Khon Kaen, Thailand, and was followed by five cycles of selection in the years 2006 through 2010. The selection criteria used in the development of PX 14556354 includes smooth yellow skin, firm orange flesh, light sutures, oval fruit shape, high sugar content (Brix) and long shelf life. Breeder: Seminis Vegetable Seeds Inc.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	sex expression	andromonoecious
Fruit	position of maximum diameter	at middle
Fruit	ground colour of skin	yellow
Fruit	intensity of green colour of skin	dark
Fruit	density of patches	absent
Fruit	warts	absent
Fruit	cork formation	absent
Fruit	time of ripening	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'MZZ1456043'	Female Parent
'MZZ1456030'	Male Parent
'Dewlicious'	also known as 'El Paso'

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	'PX 14556354'	'Dewlicious'	'MZZ1456030'	'MZZ1456043'
<input type="checkbox"/> *Inflorescence: sex expression	andromonoecious	andromonoecious	andromonoecious	andromonoecious
<input type="checkbox"/> Fruit: change of skin colour from young fruit to maturity	late in fruit development	late in fruit development	late in fruit development	late in fruit development
<input checked="" type="checkbox"/> *Fruit: length	medium	medium	short	medium
<input type="checkbox"/> *Fruit: diameter	medium	broad	narrow to medium	narrow
<input checked="" type="checkbox"/> *Fruit: ratio length/diameter	medium	large	small	small
<input type="checkbox"/> *Fruit: position of maximum diameter	at middle	at middle	at middle	at middle
<input checked="" type="checkbox"/> *Fruit: shape in longitudinal section	medium elliptic	oblate	oblate	medium elliptic
<input type="checkbox"/> *Fruit: ground colour of skin	yellow	yellow	yellow	yellow
<input type="checkbox"/> Fruit: intensity of ground colour of skin	dark	dark	dark	dark
<input type="checkbox"/> Fruit: hue of ground colour of skin	yellowish	orange	orange	orange
<input checked="" type="checkbox"/> Fruit: density of dots	dense	very sparse to sparse	very sparse	dense
<input checked="" type="checkbox"/> Fruit: size of dots	medium	very small	medium	large
<input type="checkbox"/> Fruit: colour of dots	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Fruit: intensity of colour of dots	medium to dark	very light to light	light	medium to dark
<input type="checkbox"/> *Fruit: density of patches	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Fruit: warts	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Fruit: strength of attachment of peduncle at maturity	strong	medium	medium	weak to medium
<input type="checkbox"/> *Fruit: shape of base	rounded	truncate	truncate	rounded
<input type="checkbox"/> *Fruit: shape of apex	rounded	truncate	truncate	rounded
<input checked="" type="checkbox"/> *Fruit: size of pistil scar	small to medium	medium	medium to large	small
<input type="checkbox"/> *Fruit: grooves	weakly expressed	weakly expressed	weakly expressed	absent or very weakly expressed
<input type="checkbox"/> Fruit: width of grooves	medium	n/a	medium	medium
<input type="checkbox"/> Fruit: depth of grooves	shallow	n/a	shallow	shallow
<input type="checkbox"/> Fruit: colour of grooves	white	n/a	white	white

<input checked="" type="checkbox"/>	*Fruit: creasing of surface	weak	medium	very weak to weak	weak
<input type="checkbox"/>	*Fruit: cork formation	absent	absent	absent	absent
<input type="checkbox"/>	Fruit: rate of change of skin colour from maturity to over maturity	absent or very slow	absent or very slow	absent or very slow	absent or very slow
<input type="checkbox"/>	Fruit: width of flesh in longitudinal section	thick	medium	thick	medium to thick
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	orange	greenish white	orange	orange
<input type="checkbox"/>	Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	light	n/a	light	light
<input type="checkbox"/>	Fruit: firmness of flesh	firm	firm	firm	firm
<input checked="" type="checkbox"/>	*Seed: length	medium	medium	short	medium
<input checked="" type="checkbox"/>	Seed: width	medium	narrow	narrow	medium
<input checked="" type="checkbox"/>	Seed: shape	pine-nut shape	not pine-nut shape	pine-nut shape	pine-nut shape
<input type="checkbox"/>	*Seed: colour	cream yellow	cream yellow	whitish	cream yellow
<input checked="" type="checkbox"/>	Seed: intensity of colour (varieties with cream yellow seed colour only)	medium	medium	n/a	light
<input type="checkbox"/>	Time of: male flowering	early	early	early	early
<input type="checkbox"/>	Time of: female flowering	early	early	early	early
<input type="checkbox"/>	Time of: ripening	medium	medium	medium	medium
Characteristics Additional to the Descriptor/TG					
Organ/Plant Part: Context 'PX 14556354' 'Dewlicious' 'MZZ1456030' 'MZZ1456043'					
<input type="checkbox"/>	Fruit: brix (degrees)	12	13	12	9.5

Prior Applications and Sales

Prior applications nil. First sold in Australia in May 2011.

Description: **Conrad Leeks and Shruti Dave**, Monsanto Australia Limited, Melbourne, VIC.

Details of Application

Application Number	2011/329
Variety Name	'MZZ1456030'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	Nil
Accepted Date	21 Feb 2012
Applicant	Seminis Vegetable Seeds Inc., Oxnard, CA, USA
Agent	Monsanto Australia Limited, Melbourne, VIC
Qualified Person	Conrad Leeks

Details of Comparative Trial

Location	Peracto, Bowen, Qld (Latitude 20°00'35.44''S Longitude 148°11'14.45'' E)
Descriptor	<i>Cucumis melo</i> (melon) UPOV TG/104/5
Period	May– July 2012
Conditions	Seedlings were raised at Queensland seedlings. Transplanted in the sandy soils in the ambient high rainfall area of Northern Queensland. Pest and diseases were managed by standard agronomic methods.
Trial Design	Spaced plant trial in a linear design with three replicates.
Measurements	All observations were done in accordance with UPOV TG/104/5
RHS Chart - edition	None

Origin and Breeding

Controlled pollination: Melon MZZ1456030 (MZZ 145-6030 AN) was developed by pedigree selection at the Seminis Research Station in Khon Kaen, Thailand. The line began in early 2003 as an F2 selection from the melon hybrid Dewlicious called 'KOMO 167-1'. In mid 2003, 'KOMO 167-1' was crossed with a line from the Seminis China local collection. The resulting F1 population was selfed and selections were made. Selfing and single plant selections continued for generations F2 through F12 in 2003 through 2007 (three cycles per year in 2003 through 2005) as follows: 2003 (Cycle 1) 'KOMO 167-1' = individual selection from F2 of Dewlicious 2003 (Cycle 2) 'KOMO 167-1' X Selection from China local collection 2003 (Cycle 3) F2 2004 (Cycle 1) F3 2004 (Cycle 2) F4 2004 (Cycle 3) F5 2005 (Cycle 1) F6 2005 (Cycle 2) F7 2005 (Cycle 3) F8 2006 F9 - F11 2007 F12 - Line observed to be uniform and stable, designated as MZZ 145-6030 AN. Breeder: Seminis Vegetable Seeds Inc.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	sex expression	andromonoecious
Fruit	position of maximum diameter	at middle
Fruit	ground colour of skin	yellow
Fruit	intensity of green colour of skin	dark
Fruit	density of patches	absent
Fruit	warts	absent
Fruit	cork formation	absent
Fruit	time of ripening	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PX 14556354'	Hybrid
'MZZ1456043'	Female Parent
'Dewlicious'	also known as 'El Paso'

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	'MZZ1456030'	'MZZ1456043'	'PX 14556354'	'Dewlicious'
<input type="checkbox"/> *Inflorescence: sex expression	andromonoecious	andromonoecious	andromonoecious	andromonoecious
<input type="checkbox"/> Fruit: change of skin colour from young fruit to maturity	late in fruit development	late in fruit development	late in fruit development	late in fruit development
<input checked="" type="checkbox"/> *Fruit: length	short	medium	medium	medium
<input type="checkbox"/> *Fruit: diameter	narrow to medium	narrow	medium	broad
<input checked="" type="checkbox"/> *Fruit: ratio length/diameter	small	small	medium	large
<input type="checkbox"/> *Fruit: position of maximum diameter	at middle	at middle	at middle	at middle
<input checked="" type="checkbox"/> *Fruit: shape in longitudinal section	oblate	medium elliptic	medium elliptic	oblate
<input type="checkbox"/> *Fruit: ground colour of skin	yellow	yellow	yellow	yellow
<input type="checkbox"/> Fruit: intensity of ground colour of skin	dark	dark	dark	dark
<input type="checkbox"/> Fruit: hue of ground colour of skin	orange	orange	yellowish	orange
<input checked="" type="checkbox"/> Fruit: density of dots	sparse	dense	dense	very sparse to sparse
<input checked="" type="checkbox"/> Fruit: size of dots	medium	large	medium	very small
<input type="checkbox"/> Fruit: colour of dots	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Fruit: intensity of colour of dots	light	medium to dark	medium to dark	very light to light
<input type="checkbox"/> *Fruit: density of patches	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Fruit: warts	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Fruit: strength of attachment of peduncle at maturity	medium	weak to medium	strong	medium
<input type="checkbox"/> *Fruit: shape of base	truncate	rounded	rounded	truncate
<input type="checkbox"/> *Fruit: shape of apex	truncate	rounded	rounded	truncate
<input checked="" type="checkbox"/> *Fruit: size of pistil scar	medium to large	small	small to medium	medium
<input type="checkbox"/> *Fruit: grooves	weakly expressed	absent or very weakly expressed	weakly expressed	weakly expressed
<input type="checkbox"/> Fruit: width of grooves	medium	medium	medium	n/a
<input type="checkbox"/> Fruit: depth of grooves	shallow	shallow	shallow	n/a
<input type="checkbox"/> Fruit: colour of grooves	white	white	white	n/a
<input checked="" type="checkbox"/> *Fruit: creasing of	very weak to weak	weak	weak	medium

surface

<input type="checkbox"/>	*Fruit: cork formation	absent	absent	absent	absent
<input type="checkbox"/>	Fruit: rate of change of skin colour from maturity to over maturity	absent or very slow	absent or very slow	absent or very slow	absent or very slow
<input type="checkbox"/>	Fruit: width of flesh in longitudinal section	thick	medium to thick	thick	medium
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	orange	orange	orange	greenish white
<input type="checkbox"/>	Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	light	light	light	n/a
<input type="checkbox"/>	Fruit: firmness of flesh	firm	firm	firm	firm
<input checked="" type="checkbox"/>	*Seed: length	short	medium	medium	medium
<input checked="" type="checkbox"/>	Seed: width	narrow	medium	medium	narrow
<input checked="" type="checkbox"/>	Seed: shape	pine-nut shape	pine-nut shape	pine-nut shape	not pine-nut shape
<input type="checkbox"/>	*Seed: colour	whitish	cream yellow	cream yellow	cream yellow
<input checked="" type="checkbox"/>	Seed: intensity of colour (varieties with cream yellow seed colour only)	n/a	light	medium	medium
<input type="checkbox"/>	Time of: male flowering	early	early	early	early
<input type="checkbox"/>	Time of: female flowering	early	early	early	early
<input type="checkbox"/>	Time of: ripening	medium	medium	medium	medium
Characteristics Additional to the Descriptor/TG					
Organ/Plant Part: Context ‘MZZ1456030’ ‘MZZ1456043’ ‘PX 14556354’ ‘Dewlicious’					
<input type="checkbox"/>	Fruit: brix (degrees)	12	9.5	12	13

Prior Applications and Sales

Nil.

Description: **Conrad Leeks and Shruti Dave**, Monsanto Australia Limited, Melbourne, VIC.

Details of Application

Application Number	2011/328
Variety Name	'MZZ1456043'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	Nil
Accepted Date	25 Jan 2012
Applicant	Seminis Vegetable Seeds Inc., Oxnard, CA, USA
Agent	Monsanto Australia Limited, Melbourne, VIC
Qualified Person	Conrad Leeks

Details of Comparative Trial

Location	Peracto, Bowen, Qld (Latitude 20°00'35.44''S Longitude 148°11'14.45'' E)
Descriptor	<i>Cucumis melo</i> (melon) UPOV TG/104/5
Period	May– July 2012
Conditions	Seedlings were raised at Queensland seedlings. Transplanted in the sandy soils in the ambient high rainfall area of Northern Queensland. Pest and diseases were managed by standard agronomic methods.
Trial Design	Spaced plant trial in a linear design with three replicates.
Measurements	All observations were done in accordance with UPOV TG/104/5
RHS Chart - edition	None

Origin and Breeding

Controlled pollination: Melon MZZ1456043 (MZZ 145-6043 AN) was developed by pedigree selection at the Seminis Research Station in Khon Kaen, Thailand. The line began in early 2003 as an F2 selection from the melon hybrid Dewlicious called 'KOMO 162-8'. In mid 2003, 'KOMO 168-2' was crossed with a line from the Seminis China local collection. The resulting F1 population was selfed and selections were made. Selfing and single plant selections continued for generations F2 through F12 in 2003 through 2007 (three cycles per year in 2003 through 2005) as follows: 2003 (Cycle 1) 'KOMO 168-2' = individual selection from F2 of Dewlicious 2003 (Cycle 2) 'KOMO 168-2' X Selection from China local collection 2003 (Cycle 3) F2 2004 (Cycle 1) F3 2004 (Cycle 2) F4 2004 (Cycle 3) F5 2005 (Cycle 1) F6 2005 (Cycle 2) F7 2005 (Cycle 3) F8 2006 F9 - F11 2007 F12 - Line observed to be uniform and stable, designated as MZZ 145-6043 AN. Breeder: Seminis Vegetable Seeds Inc.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	sex expression	andromonoecious
Fruit	position of maximum diameter	at middle
Fruit	ground colour of skin	yellow
Fruit	intensity of green colour of skin	dark
Fruit	density of patches	absent
Fruit	warts	absent
Fruit	cork formation	absent
Fruit	time of ripening	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PX 14556354'	Hybrid
'MZZ1456030'	Male Parent
'Dewlicious'	also known as 'El Paso'

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	'MZZ1456043'	'PX 14556354'	'Dewlicious'	'MZZ1456030'
<input type="checkbox"/> *Inflorescence: sex expression	andromonoecious	andromonoecious	andromonoecious	andromonoecious
<input type="checkbox"/> Fruit: change of skin colour from young fruit to maturity	late in fruit development	late in fruit development	late in fruit development	late in fruit development
<input checked="" type="checkbox"/> *Fruit: length	medium	medium	medium	short
<input type="checkbox"/> *Fruit: diameter	narrow	medium	broad	narrow to medium
<input checked="" type="checkbox"/> *Fruit: ratio length/diameter	small	medium	large	small
<input type="checkbox"/> *Fruit: position of maximum diameter	at middle	at middle	at middle	at middle
<input checked="" type="checkbox"/> *Fruit: shape in longitudinal section	medium elliptic	medium elliptic	oblate	oblate
<input type="checkbox"/> *Fruit: ground colour of skin	yellow	yellow	yellow	yellow
<input type="checkbox"/> Fruit: intensity of ground colour of skin	dark	dark	dark	dark
<input type="checkbox"/> Fruit: hue of ground colour of skin	orange	yellowish	orange	orange
<input checked="" type="checkbox"/> Fruit: density of dots	dense	dense	very sparse to sparse	very sparse
<input checked="" type="checkbox"/> Fruit: size of dots	large	medium	very small	medium
<input type="checkbox"/> Fruit: colour of dots	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> Fruit: intensity of colour of dots	medium to dark	medium to dark	very light to light	light
<input type="checkbox"/> *Fruit: density of patches	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Fruit: warts	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Fruit: strength of attachment of peduncle at maturity	weak to medium	strong	medium	medium
<input type="checkbox"/> *Fruit: shape of base	rounded	rounded	truncate	truncate
<input type="checkbox"/> *Fruit: shape of apex	rounded	rounded	truncate	truncate
<input checked="" type="checkbox"/> *Fruit: size of pistil scar	small	small to medium	medium	medium to large
<input type="checkbox"/> *Fruit: grooves	absent or very weakly expressed	weakly expressed	weakly expressed	weakly expressed
<input type="checkbox"/> Fruit: width of grooves	medium	medium	n/a	medium
<input type="checkbox"/> Fruit: depth of grooves	shallow	shallow	n/a	shallow
<input type="checkbox"/> Fruit: colour of grooves	white	white	n/a	white

<input checked="" type="checkbox"/>	*Fruit: creasing of surface	weak	weak	medium	very weak to weak
<input type="checkbox"/>	*Fruit: cork formation	absent	absent	absent	absent
<input type="checkbox"/>	Fruit: rate of change of skin colour from maturity to over maturity	absent or very slow	absent or very slow	absent or very slow	absent or very slow
<input type="checkbox"/>	Fruit: width of flesh in longitudinal section	medium to thick	thick	medium	thick
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	orange	orange	greenish white	orange
<input type="checkbox"/>	Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	light	light	n/a	light
<input type="checkbox"/>	Fruit: firmness of flesh	firm	firm	firm	firm
<input checked="" type="checkbox"/>	*Seed: length	medium	medium	medium	short
<input checked="" type="checkbox"/>	Seed: width	medium	medium	narrow	narrow
<input checked="" type="checkbox"/>	Seed: shape	pine-nut shape	pine-nut shape	not pine-nut shape	pine-nut shape
<input type="checkbox"/>	*Seed: colour	cream yellow	cream yellow	cream yellow	whitish
<input checked="" type="checkbox"/>	Seed: intensity of colour (varieties with cream yellow seed colour only)	light	medium	medium	n/a
<input type="checkbox"/>	Time of: male flowering	early	early	early	early
<input type="checkbox"/>	Time of: female flowering	early	early	early	early
<input type="checkbox"/>	Time of: ripening	medium	medium	medium	medium
Characteristics Additional to the Descriptor/TG					
Organ/Plant Part: Context 'MZZ1456043' 'PX 14556354' 'Dewlicious' 'MZZ1456030'					
<input type="checkbox"/>	Fruit: brix (degrees)	9.5	12	13	12

Prior Applications and Sales

Nil.

Description: **Conrad Leeks and Shruti Dave**, Monsanto Australia Limited, Melbourne, VIC.

Details of Application

Application Number	2009/184
Variety Name	'MicJur01'
Genus Species	<i>Michelia</i> hybrid
Common Name	Michelia
Synonym	Nil
Accepted Date	27 Oct 2009
Applicant	M C Jury, Waitara, NZ
Agent	Anthony Tesselaar Plants Pty Ltd, Silvan, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	Monbulk, Victoria (Latitude 37°52' South, 145°25' East, elevation 250m).
Descriptor	Magnolia (Magnolia), PBR National Descriptor
Period	July 2011 to August 2012
Conditions	The examination was conducted on the 28th of August 2012 as the <i>Michelia</i> 's were beginning to flower. The plants were grown within a commercial wholesale nursery environment with adequate irrigation and fertilizer supplied in slow release form. At the time of the examination the plants were towards the end of the release of fertilizer but were not showing any nutritional stress.
Trial Design	10 plants of each variety were arranged in the open in variety blocks of two rows of five plants each. The trial consisted of three year old trees in 330cm pots of a pine bark based soilless potting mix.
Measurements	Measurements were taken at random using one measurement per specimen
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: *Michelia* 'MicJur01' was the resultant seedling from a cross between *Michelia yunnanensis* and *Michelia* 'Mixed up Miss'. Cross pollination was occurred in August 1995. Selection criteria – flower colour. All work was carried out by Mark Jury on his property Tikorangi, Waitara, North Taranaki, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	tree
Plant	growth habit	upright
Flower	main colour	white
Petal	colour	predominantly purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bubbles'	
'Mixed up Miss'	Paternal 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	‘MicJur01’	‘Bubbles’	‘Mixed up Miss’
<input type="checkbox"/> Plant: seasonality	evergreen	evergreen	evergreen
<input type="checkbox"/> Plant: type	tree	tree	tree
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input type="checkbox"/> Leaf: shape of blade	elliptic	elliptic	elliptic
<input checked="" type="checkbox"/> Leaf: main colour upper side	dark green	light green to medium green	light green to medium green
<input checked="" type="checkbox"/> Leaf: main colour lower side	medium green to dark green	light green to medium green	light green to medium green
<input checked="" type="checkbox"/> Flower bud: colour	purple	white	white
<input type="checkbox"/> Flower: diameter	small to medium	medium	medium
<input type="checkbox"/> Flower: main colour	white	white	white
<input type="checkbox"/> Flower: shape (lateral view)	informal	informal	informal
<input checked="" type="checkbox"/> Petal: length	short to medium	medium	medium to long
<input type="checkbox"/> Petal: width	medium	medium	narrow to medium
<input checked="" type="checkbox"/> Petal: width in relation to length	small (1/2) to medium (2/3)	very small (1/3) to small (1/2)	small (1/2)
<input type="checkbox"/> Petal: main colour mid zone upper side (RHS colour chart)	155C	155A	155A
<input checked="" type="checkbox"/> Petal: main colour mid zone lower side (RHS colour chart)	186D	155A	155A with slight tinge of 186D
<input checked="" type="checkbox"/> Petal: main colour margin upper side (RHS colour chart)	186C	155A with slight tinge 186D	186C
<input checked="" type="checkbox"/> Petal: main colour margin lower side (RHS colour chart)	186C	155A with slight tinge 186D	186B
<input type="checkbox"/> Filament: colour	purple	purple	purple
<input type="checkbox"/> Anther: colour	yellow	yellow	yellow
<input type="checkbox"/> Flower: number of petals	medium	medium	medium
<input checked="" type="checkbox"/> Time of: beginning of flowering	medium	medium to late	late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘MicJur01’	‘Bubbles’	‘Mixed up Miss’
<input checked="" type="checkbox"/> Leaf: apex	obtuse	acute	acute
<input checked="" type="checkbox"/> Leaf: shape of base	acute	obtuse	acute

Statistical Table

Organ/Plant Part: Context	'MicJur01'	'Bubbles'	'Mixed up Miss'
<input checked="" type="checkbox"/> Flower bud: number per branch (middle third including laterals)			
Mean	32.20	17.00	15.60
Std. Deviation	10.38	6.20	11.15
Lsd/sig	11.66	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (middle third of plant, largest leaf including petiole) mm			
Mean	99.07	119.17	117.62
Std. Deviation	9.90	16.41	10.55
Lsd/sig	15.19	P≤0.01	P≤0.01
<input type="checkbox"/> Leaf: Leaf: width (middle third of plant, largest leaf including petiole) mm			
Mean	40.90	45.98	43.33
Std. Deviation	7.72	2.48	3.06
Lsd/sig	5.87	ns	ns
<input checked="" type="checkbox"/> Plant: height (at 3 yr old) cm			
Mean	108.60	125.50	136.90
Std. Deviation	13.73	7.79	10.17
Lsd/sig	13	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
NZ	2008	Granted	MicJur01
USA	2009	Granted	Micjur01
QZ	2012	Applied	Micjur01

First sold in NZ in August in 2008.

Description: **Christopher Prescott**, Clyde, VIC.

Details of Application

Application Number	2012/010
Variety Name	'Sugarine 1'
Genus Species	<i>Prunus persica</i> var <i>nucipersica</i>
Common Name	Nectarine
Synonym	Ruby Sugarine
Accepted Date	16 May 2012
Applicant	Lowell G. Bradford, California, USA
Agent	Buchanan's Nursery, Hodgsonvale, QLD
Qualified Person	Peter Buchanan

Details of Comparative Trial

Overseas Testing Authority	United States Patent and Trademark Office
Overseas Data Reference Number	US PP 16,585
Location	Buchanan's Nursery, 262 Breydon Rd, Hodgson Vale 4352
Descriptor	Peach/Nectarine (<i>Prunus persica</i>) TG/53/7
Period	2 years
Conditions	The trial was conducted under normal growing conditions for Hodgsonvale, Queensland. Sufficient winter chill as observed and average summer temperatures for the area. There was some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue.
Trial Design	10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings.
Measurements	During the growing cycle observations were made of the tree, flower and fruit of the candidate variety and compared to the description supplied in the US PP no 16,585. In an instance the characteristics were similar or identical.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The new variety was hybridised by Glen Bradford in 1996. It was developed as a first generation cross using 'Bright Pearl' white fleshed nectarine as the selected seed parent and 'Spring Bright' yellow fleshed nectarine as the selected pollen parent. A single tree from the stated cross was selected as the new variety. Subsequent to the origination of the new variety is asexually reproduced through budding and grafting and all such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, California, Le Grand, 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	ground colour of flash	yellow
Fruit	flavour	sub-acid
Fruit	maturity	early/medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Spring Bright'	yellow fleshed nectarine that is the selected pollen parent
'Bright Pearl'	Sub-acid flavoured nectarine that is the selected seed parent
'Kay Sweet'	early maturing, yellow fleshed, sub-acid flavoured nectarine
'Kay Pearl'	sub-acid flavour, early/medium maturing nectarine
'Red Bright'	yellow fleshed, early/medium maturing nectarine

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Spring Bright'	Fruit flavour	sub-acid	acid	'Spring Bright' is excluded because of difference in flavour
'Bright Pearl'	Fruit flesh Colour	yellow	white	'Bright Pearl' nectarine is excluded because of different flesh colour
'Kay Pearl'	Fruit flesh Colour	yellow	white	'Kay Pearl' nectarine is excluded because of different flesh colour
'Red Bright'	Fruit flavour	sub-acid	acid	'Red Bright' is excluded because of different 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	'Sugarine 1'	'Kay Sweet'
<input type="checkbox"/> *Tree: size	medium	medium
<input type="checkbox"/> Tree: vigour	medium	medium to strong
<input type="checkbox"/> *Tree: habit	spreading	spreading to drooping
<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

<input checked="" type="checkbox"/>	*Flowering shoot: density of flower buds	medium	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	medium pink
<input type="checkbox"/>	*Petal: shape	round	round
<input type="checkbox"/>	*Petal: size	large	large
<input type="checkbox"/>	*Petals: number	five	five
<input type="checkbox"/>	Stamens: position	same level	same level
<input type="checkbox"/>	*Stigma: position	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	medium to long
<input type="checkbox"/>	*Leaf blade: width	medium	medium
<input type="checkbox"/>	*Leaf blade: ratio	medium	medium
<input type="checkbox"/>	Leaf blade: shape in cross section	convex	convex
<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 checked="" type="checkbox"/>	*Petiole: shape of nectaries	round	reniform
<input type="checkbox"/>	Petiole: predominant number of nectaries	more than two	more than two
<input type="checkbox"/>	*Fruit: size	large	medium to large
<input type="checkbox"/>	*Fruit: shape	round	round
<input type="checkbox"/>	*Fruit: shape of pistil end	weakly depressed	weakly depressed
<input type="checkbox"/>	Fruit: symmetry	symmetric	symmetric
<input type="checkbox"/>	Fruit: prominence of suture	medium to strong	medium
<input type="checkbox"/>	Fruit: depth of stalk cavity	medium	medium

<input type="checkbox"/>	Fruit: width of stalk cavity	medium	medium
<input type="checkbox"/>	*Fruit: ground colour	orange yellow	orange yellow
<input type="checkbox"/>	Fruit: over colour	present	present
<input type="checkbox"/>	Fruit: hue of over colour	dark red	dark red
<input type="checkbox"/>	*Fruit: pattern of over colour	solid flush	solid flush
<input type="checkbox"/>	*Fruit: extent of over colour	very large	very large
<input type="checkbox"/>	*Fruit: pubescence	absent	absent
<input type="checkbox"/>	Fruit: thickness of skin	thin	thin to medium
<input type="checkbox"/>	Fruit: adherence of skin to flesh	strong	strong
<input type="checkbox"/>	*Fruit: firmness of flesh	firm to very firm	firm
<input type="checkbox"/>	*Fruit: ground colour of flesh	yellow	yellow
<input type="checkbox"/>	*Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: anthocyanin colouration of flesh	absent or very weakly expressed	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	very high	high
<input type="checkbox"/>	Fruit: acidity	low	low
<input type="checkbox"/>	*Stone: size compared to fruit	medium	medium
<input type="checkbox"/>	*Stone: shape	elliptic	elliptic
<input type="checkbox"/>	Stone: intensity of brown colour	medium	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 to very strong	strong
<input checked="" type="checkbox"/>	Time of: leaf bud burst	medium	early
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	medium	early
<input type="checkbox"/>	*Duration of: flowering	short to medium	short
<input type="checkbox"/>	*Time of: maturity	early to medium	early
<input type="checkbox"/>	Tendency to: preharvest drop	absent or very weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Granted	'Sugarine 1'

First sold in the USA in Jan 2006

Description: **Peter Buchanan**, Hodgson vale, QLD

Details of Application

Application Number	2010/013
Variety Name	'Neptune'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	04 Jun 2010
Applicant	HZPC Holland B.V. The Netherlands
Agent	Harvest Moon Pty Ltd, Forth, TAS
Qualified Person	Kevin Clayton-Greene

Details of Comparative Trial

Location	Waikerie, SA
Descriptor	Potato(<i>Solanum tuberosum</i>) TG/23/6
Period	Feb-May 2012
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 24 th April 2011. Day length conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded in May 2012. Light sprout data was sourced from UPOV description in August 2012

Origin and Breeding

Controlled pollination: 'Aziza' x 'Victoria' in 1997 at HZPC R & D facilities, Metslawier, The Netherlands. Selections were carried out for 10 years and trials in different countries for agronomic characteristics, quality and disease resistance for 14 years. The variety has been maintained in the present form for 16 years. The seed parent is characterised by very late maturity and round oval tuber shape. The pollen parent is characterised by yellow flesh colour and medium early maturity.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tuber	flesh colour	light yellow-medium yellow
Tuber	shape	oval -long oval
Tuber skin	colour	yellow
Lightsprout	pubescence of tip	medium to strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bintje'	
'Nicola'	

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

Organ/Plant Part: Context	'Neptune'	'Bintje'	'Nicola'
<input type="checkbox"/> Lightsprout: size	large	medium to large	medium to large
<input checked="" type="checkbox"/> *Lightsprout: shape	spherical	conical	conical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	very weak to weak	medium to strong	medium
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	medium	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium to strong	medium to strong	strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	small to medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	closed	intermediate to open
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	very weak to weak	medium	medium
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	medium to strong	medium
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium	many
<input checked="" type="checkbox"/> Lightsprout: length of lateral shoots	medium to long	short to medium	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	stem type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	very weak to weak	very weak to weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium	medium	medium to large
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium to strong	strong
<input type="checkbox"/> Leaf: green colour	medium to dark	medium	dark
<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 type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low	absent or very low

<input type="checkbox"/>	Plant: height	medium to tall	tall	medium
<input type="checkbox"/>	*Plant: time of maturity	medium	medium	medium
<input checked="" type="checkbox"/>	*Tuber: shape	long-oval	long-oval	oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow	shallow	shallow
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow	medium yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2004	Granted	'Challenger'
European Union	2006	Granted	'Challenger'
Argentina	2008	Pending	'Challenger'
South Africa	2009	Pending	'Challenger'
Switzerland	2008	Granted	'Challenger'

First sold in The Netherlands in April 2007.

Description: **Kevin Clayton-Greene**, Forth, TAS.

Details of Application

Application Number	2010/015
Variety Name	'Laurene'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	04 Jun 2010
Applicant	HZPC Holland B.V., The Netherlands
Agent	Harvest Moon Pty Ltd, Forth, TAS
Qualified Person	Kevin Clayton-Greene

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 24 th April 2011. Day length conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded in May 2012. Light sprout data was sourced from UPOV description in August 2012

Origin and Breeding

Controlled pollination: 'Vivaldi' x 'RZ 84-2521' in 1994 at HZPC R & D facilities, Metslawier, The Netherlands. Selections were carried out for more than 10 years and trials in different countries for agronomic characteristics, quality and disease resistance for 16 years. The variety has been maintained in the present form for 14 years. The seed parent is characterised by early maturity, tubers with very smooth skin. The pollen parent is characterised by very early maturity with medium dormancy and medium dry matter content.

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	habit of tip	closed
Lightsprout	length of lateral shoots	short
Plant	foliage structure	intermediate
Tuber	colour of skin	yellow
Tuber	anthocyanin of skin	absent or very weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Almera'	
'Carrera'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Monalisa'	Plant maturity	medium to late	early	
'Monalisa'	Plant frequency of flowers	low	high	

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

Organ/Plant Part: Context	'Laurene'	'Almera'	'Carrera'
<input checked="" type="checkbox"/> Lightsprout: size	small to medium	medium	large
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	conical	conical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	weak to medium	medium	strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low	medium
<input type="checkbox"/> *Lightsprout: pubescence of base	strong	strong	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small	small	small
<input type="checkbox"/> Lightsprout: habit of tip	closed	closed	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	absent or very weak	weak	absent or very weak
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	very weak to weak	weak	medium to strong
<input checked="" type="checkbox"/> *Lightsprout: number of root tips	many	medium	few
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium	medium	medium
<input type="checkbox"/> Leaf: openness	intermediate to open	open	open
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	weak to medium	medium to strong	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 type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	narrow to medium	medium

<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"/>	Plant: height	medium	short to medium	medium
<input type="checkbox"/>	*Plant: time of maturity	medium to late	early to medium	early
<input type="checkbox"/>	*Tuber: shape	long-oval	oval	oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow	shallow to medium	shallow
<input type="checkbox"/>	*Tuber: colour of skin	yellow	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	medium yellow	light yellow	medium yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2004	Withdrawn	'Laurene'
European Union	2006	Withdrawn	'Laurene'

First sold in The Netherlands in Apr 2006.

Description: **Kevin Clayton-Green**, Forth, TAS.

Details of Application

Application Number	2010/014
Variety Name	'Marilyn'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	04 Jun 2010
Applicant	HZPC Holland B.V. The Netherlands
Agent	Harvest Moon Pty Ltd, Forth, TAS
Qualified Person	Kevin Clayton-Greene

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 24 th April 2011. Day length conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded in May 2012. Light sprout data was sourced from UPOV description in August 2012

Origin and Breeding

Controlled pollination: 'Nicola' x 'Pomfine' in 1994 at HZPC R & D facilities, Metslawier, The Netherlands. Selections were carried out for 10 years and trials in different countries for agronomic characteristics, quality and disease resistance for 18 years. The variety has been maintained in the present form for 18 years. The seed parent is characterised by medium late maturity, long oval tubers with yellow flesh colour. The pollen parent is characterised by early maturity, oval tubers and susceptible to scab disease.

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
Plant	time of maturity	medium
Tuber	flesh colour	light to medium yellow
Tuber	shape	oval to long oval

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Charlotte'	
'Nicola'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Anabelle'	Tuber	flesh colour	light yellow	yellow
'Anabelle'	Plant	frequency of flowers	medium	absent or very weak

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	'Marilyn'	'Charlotte'	'Nicola'
<input type="checkbox"/> Lightsprout: size	small to medium	medium to large'	medium to large
<input checked="" type="checkbox"/> *Lightsprout: shape	conical	ovoid	conical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium to strong	weak to medium	medium
<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	strong	strong	strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	intermediate	intermediate to open
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	absent or very weak	medium
<input type="checkbox"/> Lightsprout: pubescence of tip	medium	weak to medium	medium
<input checked="" type="checkbox"/> *Lightsprout: number of root tips	medium	very few to few	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	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	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium to large	medium	medium to large
<input checked="" type="checkbox"/> Leaf: openness	closed to intermediate	closed	intermediate to open
<input type="checkbox"/> Leaf: green colour	medium to dark	light to medium	dark
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	very weak to weak	absent or very weak
<input checked="" type="checkbox"/> Second pair of lateral leaflets: size	small	medium to large	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium	medium
<input checked="" type="checkbox"/> Terminal and lateral leaflets: frequency of	low	high	absent or very

coalescence				low
<input type="checkbox"/> Leaflet: waviness of margin	absent or very weak	weak		absent or very weak
<input type="checkbox"/> Leaflet: depth of veins	medium	medium		medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull to medium	dull		medium to glossy
<input type="checkbox"/> Plant: height	medium to tall	tall		medium
<input type="checkbox"/> *Plant: time of maturity	early to medium	early to medium		medium
<input checked="" type="checkbox"/> *Tuber: shape	long	long		long-oval
<input type="checkbox"/> Tuber: depth of eyes	shallow to medium	shallow to medium		shallow
<input type="checkbox"/> *Tuber: colour of skin	yellow	yellow		yellow
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow		yellow
<input type="checkbox"/> *Tuber: colour of flesh	light yellow	light yellow		medium yellow
<input checked="" type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	medium		absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2003	Granted	'Marilyn'
European Union	2006	Granted	'Marilyn'
Canada	2009	Pending	'Marilyn'
USA	2009	Pending	'Marilyn'
Switzerland	2008	Granted	'Marilyn'

First sold in the Netherlands, April 2006.

Description: **Kevin Clayton-Greene**, Forth, TAS.

Details of Application

Application Number	2010/020
Variety Name	'Sifra'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Sienna
Accepted Date	04 Jun 2010
Applicant	HZPC Holland B.V. and C.J. Biemond, The Netherlands
Agent	Harvest Moon, Forth Farm Produce Pty. Ltd, Forth, TAS
Qualified Person	Kevin Clayton-Greene

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 24 th April 2011. Day length conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded in May 2012. Light sprout data was sourced from UPOV description in August 2012

Origin and Breeding

Controlled pollination: 'Mondial' x 'Robinta' in 1995 at HZPC R & D facilities, Metslawier, The Netherlands. Selections were carried out for more than 10 years and trials in different countries for agronomic characteristics, quality and disease resistance for 15 years. The variety has been maintained in the present form for 14 years. The seed parent is characterised by long oval tuber shape and light cream flesh colour. The pollen parent is characterised by red skin colour, light yellow flesh colour and very shallow eyes.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	proportion of blue in anthocyanin coloration of base	absent or low
Lightsprout	length of lateral shoots	short
Plant	foliage structure	intermediate type
Terminal and lateral leaflets	frequency of coalescence	absent or very low
Tuber	shape	short-oval

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sebago'	
'White Star'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate	State of Expression in Comparator Variety	Comments
'Kennebec'	Tuber flesh colour	creme	white	
'Kennebec'	Tuber size	medium	large	
'Frisia'	Plant maturity	medium to late	medium 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	'Sifra'	'Sebago'	'White Star'
<input type="checkbox"/> Lightsprout: size	medium to large	small to medium	small to medium
<input checked="" type="checkbox"/> *Lightsprout: shape	broad cylindrical	ovoid	ovoid
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	very weak to weak	very weak to 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	medium	very weak to weak	very weak to weak
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small	small to medium	small
<input type="checkbox"/> Lightsprout: habit of tip	closed to intermediate	closed	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	very weak to weak	very weak to weak
<input type="checkbox"/> Lightsprout: pubescence of tip	weak	very weak to weak	very weak to weak
<input type="checkbox"/> *Lightsprout: number of root tips	few to medium	medium to many	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short- medium	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	weak to medium	absent or very weak	medium to strong
<input checked="" type="checkbox"/> Leaf: outline size	medium	small to medium	large
<input type="checkbox"/> Leaf: openness	closed to intermediate	intermediate	closed to intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium	medium to strong
<input type="checkbox"/> Leaf: green colour	medium to dark	medium	light
<input checked="" type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak	medium

<input type="checkbox"/>	Second pair of lateral leaflets: width in relation to length	medium to broad	narrow to medium	medium to broad
<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"/>	Plant: height	medium to tall	short to medium	tall
<input type="checkbox"/>	*Plant: time of maturity	medium to late	medium	medium
<input type="checkbox"/>	*Tuber: shape	short-oval	short-oval	short-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	medium to deep	shallow
<input type="checkbox"/>	*Tuber: colour of skin	cream	light beige	light beige
<input type="checkbox"/>	*Tuber: colour of base of eye	cream	white	white
<input type="checkbox"/>	*Tuber: colour of flesh	cream	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	medium	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2005	Granted	'Sifra'
European Union	2007	Granted	'Sifra'
Canada	2008	Pending	'Sifra'
Turkey	2010	Pending	'Sifra'
South Africa	2009	Pending	'Sifra'

First sold in The Netherlands in Apr 2007.

Description: **Kevin Clayton-Green**, Forth, TAS.

Details of Application

Application Number	2010/018
Variety Name	'Crisp4all'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	04 Jun 2010
Applicant	HZPC Holland B.V., The Netherlands
Agent	Harvest Moon Pty Ltd, Forth, TAS.
Qualified Person	Kevin Clayton-Greene

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 24 th April 2011. Day length conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded in May 2012. Light sprout data was sourced from UPOV description in August 2012

RHS Chart - Edition

Origin and Breeding Controlled pollination: 'RZ -85-238' x 'RZ-87-44' in 1993 at HZPC R & D facilities, Metslawier, The Netherlands. Selections were carried out for more than 10 years and trials in different countries for agronomic characteristics, quality and disease resistance for 15 years. The variety has been maintained in the present form for 16 years. The seed parent is characterised by oval tuber shape, yellow flesh colour and short dormancy period. The pollen parent is characterised by crème flesh colour, medium early maturity and very long dormancy period.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Lightsprout	anthocyanin colouration of tip	weak
Plant	foliage structure	intermediate type
Tuber	colour of base of eye	yellow
Tuber	Anthocyanin colouration of skin in reaction to light	absent or very weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Atlantic'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Panda'	plant maturity	medium late	late	
'Panda'	tuber flesh colour	light yellow	yellow	
'Panda'	Tuber dormancy period	medium long	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	'Crisp4all'	'Atlantic'
<input type="checkbox"/> Lightsprout: size	large	small
<input type="checkbox"/> *Lightsprout: shape	ovoid	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium to strong	strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium to strong	very strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium to large	medium
<input checked="" type="checkbox"/> Lightsprout: habit of tip	intermediate to open	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	absent
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	strong	weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium to many	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	stem
<input type="checkbox"/> *Plant: growth habit	semi-upright to spreading	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium	small to medium
<input type="checkbox"/> Leaf: openness	intermediate	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium to strong
<input type="checkbox"/> Leaf: green colour	light to medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very	absent or very weak

		weak	
<input type="checkbox"/>	Second pair of lateral leaflets: width in relation to length	narrow to medium	narrow to medium
<input type="checkbox"/>	Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/>	Plant: height	medium to tall	medium
<input type="checkbox"/>	*Plant: time of maturity	medium to late	late
<input checked="" type="checkbox"/>	*Tuber: shape	oval	round
<input type="checkbox"/>	Tuber: depth of eyes	shallow to medium	shallow
<input checked="" type="checkbox"/>	*Tuber: colour of skin	yellow	light beige
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	light yellow	white
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	very weak to weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2004	Granted	'Crisps4all'
European Union	2006	Granted	'Crisps4all'
Argentina	2008	Pending	'Crisps4all'
Brazil	2009	Pending	'Crisps4all'
Switzerland	2008	Pending	'Crisps4all'

First sold in Germany in January 2008.

Description: **Kevin Clayton-Greene**, Forth, TAS.

Details of Application

Application Number	2010/017
Variety Name	'Taurus'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	04 Jun 2010
Applicant	HZPC Holland B.V. The Netherlands
Agent	Harvest Moon Pty Ltd, Forth, TAS
Qualified Person	Kevin Clayton-Greene

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 24 th April 2011. Day length conditions were not suitable for flower initiation and flower characteristics are taken from published UPOV descriptions. Tuber characteristics were recorded in May 2012. Light sprout data was sourced from UPOV description in August 2012

Origin and Breeding

Controlled pollination: 'Panda' x 'RZ-87-44' in 1995 at HZPC R & D facilities, Metslawier, The Netherlands. Selections were carried out for more than 10 years and trials in different countries for agronomic characteristics, quality and disease resistance for 15 years. The variety has been maintained in the present form for 14 years. The seed parent is characterised by late maturity and yellow flesh colour. The pollen parent is characterised by cream flesh colour.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	proportion of blue in anthocyanin colouration of base	absent or low
Plant	foliage structure	stem type
Leaf	openness	intermediate
Leaf	presence of secondary leaflets	medium to strong
Tuber	shape	short-oval

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Atlantic'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Saturna'	Tuber flesh colour	light yellow	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	'Taurus'	'Atlantic'
<input type="checkbox"/> Lightsprout: size	medium to large	small
<input checked="" type="checkbox"/> *Lightsprout: shape	spherical	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium to strong	medium
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium to strong	very strong
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	large	medium
<input checked="" type="checkbox"/> Lightsprout: habit of tip	intermediate to open	closed
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium to strong	absent or very weak
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	medium	weak
<input type="checkbox"/> *Lightsprout: number of root tips	very few to few	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short to medium
<input type="checkbox"/> Plant: foliage structure	stem type	stem type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium to large	small to medium
<input type="checkbox"/> Leaf: openness	intermediate	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium to strong
<input type="checkbox"/> Leaf: green colour	medium to dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	narrow to medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low
<input type="checkbox"/> Plant: height	medium to tall	medium

<input type="checkbox"/>	*Plant: frequency of flowers	medium to high	
<input type="checkbox"/>	*Plant: time of maturity	medium	medium to late
<input type="checkbox"/>	*Tuber: shape	short-oval	short-oval
<input type="checkbox"/>	Tuber: depth of eyes	medium to deep	shallow to medium
<input checked="" type="checkbox"/>	*Tuber: colour of skin	yellow	light beige
<input checked="" type="checkbox"/>	*Tuber: colour of base of eye	yellow	white
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	light yellow	white
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	weak to medium	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2005	Granted	'Taurus'
European Union	2007	Granted	'Taurus'
Argentina	2008	Pending	'Taurus'
Turkey	2010	Pending	'Taurus'
South Africa	2009	Pending	'Taurus'

First sold in Finland in Dec 2007.

Description: **Kevin Clayton-Green**, Forth, TAS.

Details of Application

Application Number	2009/298
Variety Name	'Pink Cream'
Genus Species	<i>Protea compacta</i>
Common Name	Protea
Synonym	Nil
Accepted Date	11 Dec 2009
Applicant	Glenda Nielsen, Wantirna, VIC
Agent	n/a
Qualified Person	Alan Peoples

Details of Comparative Trial

Location	Monbulk, VIC.
Descriptor	Protea (UPOV TG/129/3)
Period	2009 to 2012
Conditions	Plants were propagated Summer 2010, potted to 140 mm Spring 2010, potted to 200 mm Spring 2011 and evaluated Winter 2012. Plants were grown in pine bark based potting mix with controlled release fertiliser added. The growing trial was conducted at Monbulk, Victoria, Australia.
Trial Design	Protea 'Pink Velvet', Protea 'Stately' and Protea 'Thomas' were used as comparators. 10 plants each of the candidate and comparators were grown. Plants grown in separate plots under greenhouse conditions.
Measurements	Leaves and one flower from each plant were sampled for characteristics. Inflorescence observations were made when the first few florets on the outer series had reached anthesis.

RHS Chart - edition 1986

Origin and Breeding

Open pollination: natural pollination of *Protea compacta* hybrid seedling (breeder's reference 'Pink Velvet') on breeder's property Monbulk, VIC in 1994. Flower heads from 'Pink Velvet' were harvested and seed sown. 1996: seedling planted out on breeder's property. 2003: 'Pink Cream' selected for further evaluation on the basis of its straight flower stems, pink flowers and pointed yellowish flower mass. 2003: Cuttings were taken and grown on at Proteaflora Nursery, Monbulk, Victoria for evaluation of pot growing characteristics. 2006: 'Pink Cream' selected on the basis of its attractive habit in 200mm pots (in addition to flower characteristics previously identified). Breeder: Glenda Nielsen, Wantirna, VIC.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	erect
Plant	height	medium to tall
Plant	diameter	medium
Plant	density of foliage	medium to dense
Plant	lignotuber	absent
Flower head	length	medium
Flower head	predominant colour	pink
Inner involucre bract	fringe of margin	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Pink Velvet'	Maternal parent
'Stately'	
'Thomas'	

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	'Pink Cream'	'Pink Velvet'	'Stately'	'Thomas'
<input type="checkbox"/> *Plant: growth habit	erect	erect	erect	erect
<input type="checkbox"/> Plant: height	medium to tall	tall	tall	tall
<input type="checkbox"/> Plant: diameter	medium	medium	medium	medium
<input type="checkbox"/> Plant: density of foliage	medium to dense	medium to dense	medium to dense	medium to dense
<input type="checkbox"/> Plant: development of lateral shoots immediately below inflorescence	present	present	present	present
<input type="checkbox"/> *Plant: lignotuber	absent	absent	absent	absent
<input type="checkbox"/> Main stem: thickness (non lignotuberous varieties only)	medium to thick	thick	thick	thick
<input type="checkbox"/> Main stem: colour (non lignotuberous varieties only)	brown	brown	brown	brown
<input type="checkbox"/> Leaf: blade always upright	absent	absent	absent	absent
<input type="checkbox"/> Leaf: predominant attitude in relation to branch	oblique	oblique	oblique	oblique
<input checked="" type="checkbox"/> Leaf: length	medium to long	medium	medium to long	long to very long
<input checked="" type="checkbox"/> Leaf: width	narrow	medium	medium	medium
<input type="checkbox"/> Leaf: ratio length/width	medium to large	medium to large	medium to large	medium to large
<input type="checkbox"/> *Leaf: position of broadest part	in middle	in middle	in middle	in middle
<input checked="" type="checkbox"/> *Leaf: shape of apex	acute	slightly obtuse	obtuse to rounded	obtuse to rounded
<input checked="" type="checkbox"/> *Leaf: shape of base	obtuse	obtuse	obtuse	cordate
<input type="checkbox"/> Leaf: shape in cross section	flat	flat	flat	flat
<input type="checkbox"/> Leaf: colour	green	green	green	green
<input type="checkbox"/> Leaf: pubescence	present	present	present	present
<input type="checkbox"/> Leaf: density of pubescence	dense	medium to dense	medium to dense	medium to dense
<input type="checkbox"/> Leaf: conspicuousness of midrib on upper side	conspicuous	conspicuous	conspicuous	conspicuous

<input type="checkbox"/>	Leaf: colour of conspicuous midrib on upper side	yellowish	yellowish	yellowish	yellowish
<input checked="" type="checkbox"/>	Leaf: undulation of margin	absent	absent	present	absent
<input type="checkbox"/>	Leaf: colour of margin	yellowish	yellowish	yellowish	yellowish
<input type="checkbox"/>	*Leaf: petiole	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Flowering branch: length	medium	long	long	long
<input type="checkbox"/>	Flowering branch: thickness	medium to thick	thick	thick	thick
<input type="checkbox"/>	Flowering branch: rigidity	strong	strong	strong	strong
<input type="checkbox"/>	Flowering branch: pubescence	present	present	present	present
<input type="checkbox"/>	Flowering branch: density of pubescence	medium to dense	medium to dense	medium to dense	medium to dense
<input type="checkbox"/>	Flowering branch: predominant colour	greenish	greenish	greenish	greenish
<input type="checkbox"/>	Flower head: narrowed basal part	absent	absent	absent	absent
<input type="checkbox"/>	*Flower head: length	medium	medium	medium	medium
<input type="checkbox"/>	*Flower head: diameter	medium	medium	medium	medium to large
<input type="checkbox"/>	Flower head: diameter of floret mass just before anthesis	medium	medium	medium	medium
<input type="checkbox"/>	*Flower head: shape of involucre	obovate	obovate	obovate	semi-globose
<input type="checkbox"/>	*Flower head: predominant colour	pink	pale pink	pink	pale pink
<input type="checkbox"/>	Outer involucre bract: length of exposed part	medium to long	medium to long	medium	medium to long
<input type="checkbox"/>	Outer involucre bract: length	medium	medium	medium	medium
<input type="checkbox"/>	Outer involucre bract: width	broad	broad	broad	broad
<input type="checkbox"/>	Outer involucre bract: shape of apex	acute	acute	obtuse	acute
<input type="checkbox"/>	Outer involucre bract: dry margin	present	present	present	present
<input type="checkbox"/>	Outer involucre bract: width of dry margin	medium	medium	medium	medium
<input checked="" type="checkbox"/>	Outer involucre bract: colour of marginal area below dried margin	pink	pink	pink	yellowish
<input checked="" type="checkbox"/>	Outer involucre bract: colour of central exposed area	pink	pink	pink	yellowish
<input type="checkbox"/>	Inner involucre bracts: number	medium	medium	medium	medium
<input type="checkbox"/>	Inner involucre bract: length of exposed part	medium to long	medium to long	medium	medium to long
<input type="checkbox"/>	Inner involucre bract: length	medium	medium to long	medium	medium

<input type="checkbox"/>	Inner involucre bract: width	medium	medium	medium	medium
<input type="checkbox"/>	Inner involucre bract: shape	oblong	oblong	oblong	oblong
<input type="checkbox"/>	Inner involucre bract: shape of apex	slightly obtuse	slightly obtuse	obtuse	slightly obtuse
<input checked="" type="checkbox"/>	Inner involucre bract: incurving of apex	weak	medium	medium	very weak to weak
<input type="checkbox"/>	Inner involucre bract: colour of apical part on outer side	pink	pale pink	pink	pale pink
<input type="checkbox"/>	Inner involucre bract: colour below apical part on outer side	pink	pale pink	pink	pale pink
<input type="checkbox"/>	Inner involucre bract: pubescence on outer side	present	present	present	present
<input type="checkbox"/>	Inner involucre bract: density of pubescence on outer side	medium	medium	medium	medium
<input type="checkbox"/>	Inner involucre bract: waxy covering on outer side	absent	absent	absent	absent
<input type="checkbox"/>	*Inner involucre bract: fringe of margin	present	present	present	present
<input checked="" type="checkbox"/>	*Inner involucre bract: apical tuft	absent	present	absent	present
<input type="checkbox"/>	Involucre: resin on bracts	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Floret mass: height in relation to involucre bracts	lower	much lower to lower	lower	equal
<input type="checkbox"/>	Floret mass: shape of apex	pointed	rounded	pointed	pointed
<input checked="" type="checkbox"/>	Floret mass: colour	yellowish	pink	pink	pink
<input type="checkbox"/>	Floret: length of perianth	medium to long	medium to long	medium to long	medium to long
<input type="checkbox"/>	Floret: length of style	medium	medium	medium	medium
<input type="checkbox"/>	Floret: junction of pollen presenter to style	conspicuous	conspicuous	conspicuous	conspicuous
<input checked="" type="checkbox"/>	*Time of: peak of flowering	medium to late	medium to late	medium to late	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Pink Cream’	‘Pink Velvet’	‘Stately’	‘Thomas’
<input checked="" type="checkbox"/> Immature leaf: undulation of margin	weak	weak	medium to strong	medium

Prior Applications and Sales

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

Description: **Alan Peoples**, Proteaflora Nursery, Monbulk, VIC.

Details of Application

Application Number	2009/297
Variety Name	'Stately'
Genus Species	<i>Protea compacta</i>
Common Name	Protea
Synonym	Nil
Accepted Date	11 Dec 2009
Applicant	Glenda Nielsen, Wantirna, VIC
Agent	n/a
Qualified Person	Alan Peoples

Details of Comparative Trial

Location	Monbulk, VIC.
Descriptor	Protea (UPOV TG/129/3)
Period	2009 to 2012
Conditions	Plants were propagated Summer 2010, potted to 140 mm Spring 2010, potted to 200 mm Spring 2011 and evaluated Winter 2012. Plants were grown in pine bark based potting mix with controlled release fertiliser added. The growing trial was conducted at Monbulk, Victoria, Australia.
Trial Design	Protea 'Pink Velvet', Protea 'Thomas' and Protea 'Pink Cream' were used as comparators. 10 plants each of the candidate and comparators were grown. Plants grown in separate plots under greenhouse conditions.
Measurements	Leaves and one flower from each plant were sampled for characteristics. Inflorescence observations were made when the first few florets on the outer series had reached anthesis.

RHS Chart - edition 1986

Origin and Breeding

Open pollination: natural pollination of *Protea compacta* hybrid seedling (breeder's reference 'Pink Velvet') on breeder's property Monbulk, VIC in 1994. Flower heads from 'Pink Velvet' were harvested and seed sown. 1996: seedling planted out on breeder's property. 2003: 'Stately' selected for further evaluation on the basis of its straight flower stems and pink flowers. 2003: Cuttings were taken and grown on at Proteaflora Nursery, Monbulk, Victoria for evaluation of pot growing characteristics. 2006: 'Stately' selected on the basis of its attractive habit in 200mm pots (in addition to flower characteristics previously identified). Breeder: Glenda Nielsen, Wantirna, VIC.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	erect
Plant	height	medium to tall
Plant	diameter	medium
Plant	density of foliage	medium to dense
Plant	lignotuber	absent
Flower head	length	medium
Flower head	predominant colour	pink
Inner involucre bract	fringe of margin	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Pink Velvet'	Maternal parent
'Thomas'	
'Pink Cream'	

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	'Stately'	'Pink Cream'	'Pink Velvet'	'Thomas'
<input type="checkbox"/> *Plant: growth habit	erect	erect	erect	erect
<input type="checkbox"/> Plant: height	tall	medium to tall	tall	tall
<input type="checkbox"/> Plant: diameter	medium	medium	medium	medium
<input type="checkbox"/> Plant: density of foliage	medium to dense	medium to dense	medium to dense	medium to dense
<input type="checkbox"/> Plant: development of lateral shoots immediately below inflorescence	present	present	present	present
<input type="checkbox"/> *Plant: lignotuber	absent	absent	absent	absent
<input type="checkbox"/> Main stem: thickness (non lignotuberous varieties only)	thick	medium to thick	thick	thick
<input type="checkbox"/> Main stem: colour (non lignotuberous varieties only)	brown	brown	brown	brown
<input type="checkbox"/> Leaf: blade always upright	absent	absent	absent	absent
<input type="checkbox"/> Leaf: predominant attitude in relation to branch	oblique	oblique	oblique	oblique
<input checked="" type="checkbox"/> Leaf: length	medium to long	medium to long	medium	long to very long
<input checked="" type="checkbox"/> Leaf: width	medium	narrow	medium	medium
<input type="checkbox"/> Leaf: ratio length/width	medium to large	medium to large	medium to large	medium to large
<input type="checkbox"/> *Leaf: position of broadest part	in middle	in middle	in middle	in middle
<input checked="" type="checkbox"/> *Leaf: shape of apex	obtuse to rounded	acute	slightly obtuse	obtuse to rounded
<input checked="" type="checkbox"/> *Leaf: shape of base	obtuse	obtuse	obtuse	cordate
<input type="checkbox"/> Leaf: shape in cross section	flat	flat	flat	flat
<input type="checkbox"/> Leaf: colour	green	green	green	green
<input type="checkbox"/> Leaf: pubescence	present	present	present	present
<input type="checkbox"/> Leaf: density of pubescence	medium to dense	dense	medium to dense	medium to dense
<input type="checkbox"/> Leaf: conspicuousness of midrib on upper side	conspicuous	conspicuous	conspicuous	conspicuous
<input type="checkbox"/> Leaf: colour of conspicuous midrib on	yellowish	yellowish	yellowish	yellowish

upper side					
<input checked="" type="checkbox"/>	Leaf: undulation of margin	present	absent	absent	present
<input type="checkbox"/>	Leaf: colour of margin	yellowish	yellowish	yellowish	yellowish
<input type="checkbox"/>	*Leaf: petiole	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Flowering branch: length	long	medium	long	long
<input type="checkbox"/>	Flowering branch: thickness	thick	medium to thick	thick	thick
<input type="checkbox"/>	Flowering branch: rigidity	strong	strong	strong	strong
<input type="checkbox"/>	Flowering branch: pubescence	present	present	present	present
<input type="checkbox"/>	Flowering branch: density of pubescence	medium to dense	medium to dense	medium to dense	medium to dense
<input type="checkbox"/>	Flowering branch: predominant colour	greenish	greenish	greenish	greenish
<input type="checkbox"/>	Flower head: narrowed basal part	absent	absent	absent	absent
<input type="checkbox"/>	*Flower head: length	medium	medium	medium	medium
<input type="checkbox"/>	*Flower head: diameter	medium	medium	medium	medium to large
<input type="checkbox"/>	Flower head: diameter of floret mass just before anthesis	medium	medium	medium	medium
<input type="checkbox"/>	*Flower head: shape of involucre	obovate	obovate	obovate	semi-globose
<input type="checkbox"/>	*Flower head: predominant colour	pink	pink	pale pink	pale pink
<input type="checkbox"/>	Outer involucre bract: length of exposed part	medium	medium to long	medium to long	medium to long
<input type="checkbox"/>	Outer involucre bract: length	medium	medium	medium	medium
<input type="checkbox"/>	Outer involucre bract: width	broad	broad	broad	broad
<input type="checkbox"/>	Outer involucre bract: shape of apex	obtuse	acute	acute	acute
<input type="checkbox"/>	Outer involucre bract: dry margin	present	present	present	present
<input type="checkbox"/>	Outer involucre bract: width of dry margin	medium	medium	medium	medium
<input checked="" type="checkbox"/>	Outer involucre bract: colour of marginal area below dried margin	pink	pink	pink	yellowish
<input checked="" type="checkbox"/>	Outer involucre bract: colour of central exposed area	pink	pink	pink	yellowish
<input type="checkbox"/>	Inner involucre bracts: number	medium	medium	medium	medium
<input type="checkbox"/>	Inner involucre bract: length of exposed part	medium	medium to long	medium to long	medium to long
<input type="checkbox"/>	Inner involucre bract: length	medium	medium	medium to long	medium
<input type="checkbox"/>	Inner involucre bract: width	medium	medium	medium	medium

<input type="checkbox"/>	Inner involucre bract: shape	oblong	oblong	oblong	oblong
<input type="checkbox"/>	Inner involucre bract: shape of apex	obtuse	slightly obtuse	slightly obtuse	slightly obtuse
<input checked="" type="checkbox"/>	Inner involucre bract: incurving of apex	medium	weak	medium	very weak to weak
<input type="checkbox"/>	Inner involucre bract: colour of apical part on outer side	pink	pink	pale pink	pale pink
<input type="checkbox"/>	Inner involucre bract: colour below apical part on outer side	pink	pink	pale pink	pale pink
<input type="checkbox"/>	Inner involucre bract: pubescence on outer side	present	present	present	present
<input type="checkbox"/>	Inner involucre bract: density of pubescence on outer side	medium	medium	medium	medium
<input type="checkbox"/>	Inner involucre bract: waxy covering on outer side	absent	absent	absent	absent
<input type="checkbox"/>	*Inner involucre bract: fringe of margin	present	present	present	present
<input checked="" type="checkbox"/>	*Inner involucre bract: apical tuft	absent	absent	present	present
<input type="checkbox"/>	Involucre: resin on bracts	absent	absent	absent	absent
<input type="checkbox"/>	Floret mass: height in relation to involucre bracts	lower	lower	much lower to lower	equal
<input type="checkbox"/>	Floret mass: shape of apex	pointed	pointed	rounded	pointed
<input checked="" type="checkbox"/>	Floret mass: colour	pink	yellowish	pink	pink
<input type="checkbox"/>	Floret: length of perianth	medium to long	medium to long	medium to long	medium to long
<input type="checkbox"/>	Floret: length of style	medium	medium	medium	medium
<input type="checkbox"/>	Floret: junction of pollen presenter to style	conspicuous	conspicuous	conspicuous	conspicuous
<input checked="" type="checkbox"/>	*Time of: peak of flowering	medium to late	medium to late	medium to late	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Stately’	‘Pink Cream’	‘Pink Velvet’	‘Thomas’
<input checked="" type="checkbox"/> Immature leaf: undulation of margin	medium to strong	weak	weak	medium

Prior Applications and Sales

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

Description: **Alan Peoples**, Proteaflora Nursery, Monbulk, VIC.

Details of Application

Application Number	2011/086
Variety Name	'VGR501'
Genus Species	<i>Oryza sativa</i>
Common Name	Rice
Synonym	Nil
Accepted Date	23 Jun 2011
Applicant	Vita Grain Pte Ltd, Singapore
Agent	Dr. Abdul Mutakabbir Chaudhury (For the services of notices only), ACT
Qualified Person	Abdul Chaudhury

Details of Comparative Trial

Location	Cluny Farm, Mauritius
Descriptor	UPOV TG/16/8
Period	Nov 2011 to Apr 2012
Conditions	The trial was transplanted into a well prepared block under irrigated conditions. One seedling per hill, standard agronomic practices followed. Insect and pest control measures were taken as necessary.
Trial Design	Randomised Complete Block Design
Measurements	All measurements were taken in accordance with UPOV technical guidelines.
RHS Chart - edition	Nil

Origin and Breeding

Induced mutation followed by backcrossing: 'KH101' seed was mutagenised with EMS. The parental variety is characterised by low number of grains per panicle and low grain weight. Seeds were harvested from M1 plants. M2 were screened for increased grain number per panicle. M3 were back-crossed to 'KH101' and higher grain number types were selected. Selection criteria: six cycles of selection for grain yield. Breeder: Vita Grain Pte Ltd.

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	anthocyanin colouration of auricle	absent
Stem	length	medium to tall
Stem	anthocyanin colouration of internodes	absent
Panicle	attitude of branches	semi-erect
Endosperm	type	non-glutinous
Decorticated grain	width	very narrow to narrow
Decorticated grain	colour	light brown or variegated brown
Decorticated grain	aroma	absent or very weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'VGR500'	most similar variety
'VGR502'	From the same breeding program

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'VGR400'	Grain weight	20g/1000 seed	15g/1000 seed	
'VGR401'	Grain length	9mm	7mm	
'VGR402'	Grain number	180/panilce	130/panilce	

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	'VGR501'	'VGR500'	'VGR502'
<input type="checkbox"/> Coleoptile: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Basal leaf: sheath colour	green	green	green
<input checked="" type="checkbox"/> Leaf: intensity of green colour	light to medium	dark	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> Leaf sheath: anthocyanin colouration	present	present	present
<input type="checkbox"/> Leaf sheath: intensity of anthocyanin colouration	very weak	very weak	very weak to weak
<input type="checkbox"/> Leaf blade: pubescence of surface	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Leaf: anthocyanin colouration of auricles	absent	absent	absent
<input type="checkbox"/> Leaf: anthocyanin colouration of collar	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: shape of ligule	acute	acute	truncate
<input type="checkbox"/> Leaf: colour of ligule	colourless	colourless	colourless
<input type="checkbox"/> Leaf blade: length	medium	medium	medium
<input type="checkbox"/> Leaf blade: width	medium	narrow to medium	narrow to medium
<input type="checkbox"/> *Flag leaf: attitude of blade (early observation)	erect to semi-erect	erect	erect
<input type="checkbox"/> *Flag leaf: attitude of blade (late observation)	erect to semi-erect	erect	erect
<input type="checkbox"/> Culm: habit	semi-erect to open	semi-erect to open	semi-erect to open
<input type="checkbox"/> Culm: kneeling ability (prostrate varieties only)	absent	absent	absent
<input checked="" type="checkbox"/> *Time of: heading	late to very late	medium to late	late to very late
<input type="checkbox"/> Male: sterility	absent	absent	absent
<input type="checkbox"/> Lemma: anthocyanin colouration of keel (early observation)	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Lemma: anthocyanin colouration of area below apex (early observation)	absent or very weak	absent or very weak	absent or very weak

<input checked="" type="checkbox"/>	*Lemma: anthocyanin colouration of apex (early observation)	medium	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	*Spikelet: colour of stigma	yellow	purple	yellow
<input type="checkbox"/>	Stem: thickness	medium to thick	thin to medium	medium
<input type="checkbox"/>	*Stem: anthocyanin colouration of nodes	absent	absent	absent
<input type="checkbox"/>	Stem: anthocyanin colouration of internodes	absent	absent	absent
<input checked="" type="checkbox"/>	*Panicle: length of main axis	medium	medium	short to medium
<input type="checkbox"/>	Panicle: number per plant	many	medium to many	medium
<input type="checkbox"/>	Panicle: awns	absent	absent	absent
<input checked="" type="checkbox"/>	*Spikelet: pubescence of lemma	weak to medium	medium	absent or very weak
<input checked="" type="checkbox"/>	Spikelet: colour of tip of lemma	white	brown	white
<input type="checkbox"/>	*Panicle: attitude in relation to stem	strongly drooping	strongly drooping	strongly drooping
<input type="checkbox"/>	Panicle: presence of secondary branching	present	present	present
<input type="checkbox"/>	Panicle: type of secondary branching	type 2	type 2	type 2
<input type="checkbox"/>	*Panicle: attitude of branches	semi-erect	semi-erect	semi-erect
<input type="checkbox"/>	Panicle: exertion	just exerted	just exerted to moderately-well exerted	just exerted to moderately-well exerted
<input type="checkbox"/>	Time of: maturity	late to very late	late	late
<input checked="" type="checkbox"/>	Leaf: time of senescence	late	late	early to intermediate
<input type="checkbox"/>	Lemma: colour	gold	gold	light gold
<input type="checkbox"/>	Lemma: ornamentation	absent	absent	absent
<input type="checkbox"/>	Lemma: anthocyanin colouration of keel (late observation)	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Lemma: anthocyanin colouration of area below apex (late observation)	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Lemma: anthocyanin colouration of apex (late observation)	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Glume: length	long to very long	long	short to medium
<input type="checkbox"/>	Glume: colour	gold	gold	gold
<input checked="" type="checkbox"/>	Grain: weight of 1000	low to medium	medium	medium
<input checked="" type="checkbox"/>	Grain: length	long to very long	very long	long
<input checked="" type="checkbox"/>	Grain: width	very narrow	very narrow to narrow	narrow

<input checked="" type="checkbox"/>	*Decorticated grain: length	long	long	medium
<input type="checkbox"/>	Decorticated grain: width	very narrow to narrow	very narrow to narrow	very narrow to narrow
<input type="checkbox"/>	*Decorticated grain: shape (in lateral view)	long spindle-shaped	spindle-shaped	long spindle-shaped
<input type="checkbox"/>	*Decorticated grain: colour	light brown	variegated brown	light brown
<input type="checkbox"/>	Endosperm: type	non-glutinous	non-glutinous	non-glutinous
<input type="checkbox"/>	Endosperm: content of amylose	state 6	state 6	state 6
<input type="checkbox"/>	*Decorticated grain: aroma	absent or very weak	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

	‘VGR501’	‘VGR500’	‘VGR502’
<input checked="" type="checkbox"/> Grain: Glycemic Index (GI)	low	low	moderate

Statistical Table

Organ/Plant Part: Context

	‘VGR501’	‘VGR500’	‘VGR502’
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	92.10	93.43	84.90
Std. Deviation	1.24	1.77	3.61
LSD/sig	4.06	ns	P≤0.01
<input checked="" type="checkbox"/> Panicle: length (cm)			
Mean	24.57	25.03	20.07
Std. Deviation	0.72	0.76	0.69
LSD/sig	1.37	ns	P≤0.01
<input checked="" type="checkbox"/> Grain: length (mm)			
Mean	8.54	9.12	8.17
Std. Deviation	0.36	0.27	0.24
LSD/sig	0.33	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Grain: width (mm)			
Mean	2.14	2.75	3.15
Std. Deviation	0.13	0.28	0.24
LSD/sig	0.25	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Grain: weight of 1000 (g)			
Mean	22.2	25.6	25.2
Std. Deviation	0.63	1.90	0.63
LSD/sig	1.34	P≤0.01	P≤0.01

Prior Application and Sales

Nil.

Description: **Abdul M. Chaudhury**, Vita Grain Pte Ltd.

Details of Application

Application Number	2006/040
Variety Name	'Rockliz'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	24 Mar 2006
Applicant	R T and B E Inverarity, Rocklyn, VIC
Agent	N/A
Qualified Person	Brian Hanger

Details of Comparative Trial

Location	Portland, VIC
Descriptor	UPOV TG Rose (<i>Rosa</i> hybrid) TG/11/8
Period	2011
Conditions	Observations made at Portland, VIC, Australia (Latitude 38°15'S, Longitude 141 ° 37'E). The rose selection was maintained in the open and grown in a well structured loamy clay soil. Sound rose-farm management practices ensured the plants grew to their full potential with minimum stress and under high health conditions. 'Rockliz' was budded in early summer onto well established 10 month-old <i>Rosa multiflora</i> rootstock. Examination was conducted in mid autumn on one and two year old budded plants growing in double rows along with over one hundred other varieties of roses.
Trial Design	Observations and measurements were taken in mid Autumn from a minimum of ten plants in full flower and selected at random.
Measurements	Measurements made on terminal leaflet of first five-leaflet leaf down flower stem, flower diameter taken when first fully open, and sepal length excluding leafy extension if present
RHS Chart - edition	1986 and 2007

Origin and Breeding

Seedling selection: 'Bonica'. Approx 13 years ago, mature hips were harvested from ten 'Bonica' plants. The seeds were extracted and planted into a well structured soil of pH 6. Approximately 200 seedlings were produced and grown on for a further three years to mature plants. One plant displayed outstanding features and produced white flowers. Pollen was collected from this plant and applied to flowers of 'Bonica'. The seeds produced were planted into fresh soil and yielded 70 seedlings. These seedlings were grown for two years and the candidate variety now known as 'Rockliz' was selected having outstanding characteristics. 'Rockliz' has been budded onto multiflora rootstock in many thousands and has shown to be genetically stable. Breeder: RT and BE Inverarity.

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	very light pink
Petal	number	medium to many
Plant	growth habit	moderately spreading

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bonica'	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
'Apple blossom' (Flower Carpet Rose)	flower colour	light pink	very light pink	
'Apple blossom'	flower petal number	greater than 50	15 to 20	
'The Fairy'	flower colour	very light pink	light pink	
'The Fairy'	flower petal number	over 50	35 to 40	

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	'Rockliz'	'Bonica'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	moderately spreading	moderately spreading
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium to strong	medium to strong
<input type="checkbox"/> Stem: number of prickles	few to medium	few to medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	small to medium	small to medium
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> *Leaflet: undulation of margin	medium to strong	medium to strong
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	acuminate

<input type="checkbox"/>	Flowering shoot: flowering laterals	present	present
<input type="checkbox"/>	Flowering shoot: number of flowering laterals	medium	medium
<input type="checkbox"/>	Flowering shoot: number of flowers (varieties with no flowering laterals only)	medium	medium
<input type="checkbox"/>	Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	medium	medium
<input type="checkbox"/>	Flower bud: shape in longitudinal section	broad ovate	broad ovate
<input type="checkbox"/>	*Flower: type	double	double
<input type="checkbox"/>	*Flower: number of petals	medium to many	medium to many
<input type="checkbox"/>	*Flower: colour group	pink	pink
<input type="checkbox"/>	Flower: colour of the centre	pink	pink
<input type="checkbox"/>	Flower: density of petals	dense	dense
<input type="checkbox"/>	*Flower: diameter	medium	medium
<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/>	Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/>	*Flower: profile of lower part	concave	concave
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	weak	weak
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	absent
<input type="checkbox"/>	*Petal: shape	obovate	obovate
<input type="checkbox"/>	Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	medium	medium
<input type="checkbox"/>	Petal: undulation	weak	weak
<input type="checkbox"/>	*Petal: size	small	small
<input type="checkbox"/>	*Petal: length	short	short
<input type="checkbox"/>	*Petal: width	narrow	narrow
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input type="checkbox"/>	*Petal: intensity of colour	even	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	N155B	70D
<input type="checkbox"/>	*Petal: basal spot on the inner side	absent	absent
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	N155B	73C
<input type="checkbox"/>	Outer stamen: predominant colour of filament	green	green
<input type="checkbox"/>	Seed vessel: size	small	small

<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped
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Prior Applications and Sales

Nil

Description: **Dr Brian Hanger**, Watirna Mall, VIC.

Details of Application

Application Number	2009/221
Variety Name	'WEKcocbeb'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Topsy Turvy
Accepted Date	13 Apr 2010
Applicant	Weeks Roses Ltd, Upland, CA, USA
Agent	Swane's Nurseries Australia Pty Ltd, Dural, NSW
Qualified Person	Finbarr O'Leary

Details of Comparative Trial

Location	Dural, NSW
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2009 – Nov 2011.
Conditions	Plants were budded on 'Dr Huey' roostock and raised in open beds.
Trial Design	Un-replicated rows with spacing of 0.75 metres between rows and plants. Approximately 15 – 20 plants per plot.
Measurements	Observations made on 10 plants taken at random.
RHS Chart - edition	2007.

Origin and Breeding

Controlled pollination: 'Countess Celeste' × 'Betty Boop'. Pollen was applied to the seed parent. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialled. Selection criteria: Flower colour, disease resistance and plant growth habit. Propagation: vegetative. The seed parent is characterised by coral pink flower colour. The pollen parent is characterised by yellow edged red flower colour. Breeder: Tom Carruth, Weeks Wholesale Rose Grower, Inc., Upland, 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
Plant	growth type	shrub
Flower	colour group	red blend
Prickles	Predominant colour	reddish

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'WEKplapic'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Betty Boop'	Flower Colour	red blend	yellow edged red	

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

Organ/Plant Part: Context	‘WEKcocheb’	‘WEKplapic’
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	moderately spreading	semi upright
<input type="checkbox"/> Plant: height	short to medium	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium to strong	strong to very strong
<input checked="" type="checkbox"/> Stem: number of prickles	many to very many	few to medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	small to medium	medium to large
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	medium to strong	medium to strong
<input type="checkbox"/> *Leaflet: undulation of margin	weak	weak to medium
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few	few to medium
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	few to medium	
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	few to medium	few to medium
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	elliptic	medium ovate
<input type="checkbox"/> *Flower: type	semi-double	semi-double
<input type="checkbox"/> *Flower: number of petals	few	few
<input type="checkbox"/> *Flower: colour group	red blend	red blend
<input checked="" type="checkbox"/> Flower: colour of the centre	red	yellow
<input type="checkbox"/> Flower: density of petals	very loose	very loose
<input type="checkbox"/> *Flower: diameter	small to medium	small to medium
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	convex	flattened convex

<input checked="" type="checkbox"/>	*Flower: profile of lower part	flat	concave
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	absent or very weak	weak
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	absent
<input type="checkbox"/>	*Petal: shape	obovate	obovate
<input type="checkbox"/>	Petal: incisions	weak	weak
<input type="checkbox"/>	Petal: reflexing of margin	weak	weak to medium
<input type="checkbox"/>	Petal: undulation	weak	weak
<input type="checkbox"/>	*Petal: size	medium	medium
<input type="checkbox"/>	*Petal: length	medium	short to medium
<input type="checkbox"/>	*Petal: width	medium to broad	medium
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input checked="" type="checkbox"/>	*Petal: intensity of colour	even	lighter towards the base
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	46B	40B, 50A
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	large	large to very large
<input checked="" type="checkbox"/>	*Petal: colour of basal spot on inner side	white	medium yellow
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	49C	49C
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	white	medium yellow
<input type="checkbox"/>	Seed vessel: size	small	small
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped
<input type="checkbox"/>	Hip: colour	green	green

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2006	Granted	'WEKcobe'

First sold USA in December 2006 and in Australia in June 2009.

Description: **Finbarr O'Leary**, Dural, NSW.

Details of Application

Application Number	2009/188
Variety Name	'WEKbipsboul'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	MyHero
Accepted Date	09 Nov 2010
Applicant	Weeks Roses Ltd. Upland. CA, USA
Agent	Swane's Nurseries Australia Pty Ltd, Dural, NSW
Qualified Person	Finbarr O'Leary

Details of Comparative Trial

Location	Dural, NSW
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2009 – Nov 2011.
Conditions	Plants were budded on 'Dr Huey' roostock and raised in open beds.
Trial Design	Un-replicated rows with spacing of 0.75 metres between rows and plants. Approximately 15 – 20 plants per plot.
Measurements	Observations made on 10 plants taken at random.
RHS Chart - edition	2007.

Origin and Breeding

Controlled pollination: 'STEBigpu' x 'unnamed seedling'. Pollen was applied to the seed parent. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialled. Selection criteria: Flower colour, disease resistance and plant growth habit. Propagation: vegetative. The seed parent is characterised by red/purple flower colour. The pollen parent is characterised by lavender blend flower colour. Breeder: Tom Carruth, Weeks Wholesale Rose Grower, Inc., Upland, 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
Plant	growth type	shrub
Flower	colour group	pink
Young shoot	anthocyanin colouration	medium to strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'STEBigpu'	

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	‘WEKbipsboul’	‘STEBigpu’
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	intermediate	upright
<input type="checkbox"/> Plant: height	medium to tall	tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium to strong	medium to strong
<input type="checkbox"/> Stem: number of prickles	many	medium
<input checked="" type="checkbox"/> Prickles: predominant colour	reddish	purplish
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	medium
<input type="checkbox"/> *Leaflet: undulation of margin	absent or very weak	absent or very weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<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 checked="" type="checkbox"/> Flowering shoot: flowering laterals	present	absent
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	few to medium	very few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	many	many to very many
<input type="checkbox"/> *Flower: colour group	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input type="checkbox"/> Flower: density of petals	medium	medium to dense
<input type="checkbox"/> *Flower: diameter	medium to large	large
<input type="checkbox"/> *Flower: shape	round	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flat	flat
<input type="checkbox"/> *Flower: profile of lower part	flat	flattened convex

<input type="checkbox"/>	Flower: fragrance	strong	strong
<input type="checkbox"/>	*Sepal: extensions	strong	strong
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	absent
<input type="checkbox"/>	*Petal: shape	obovate	obovate
<input type="checkbox"/>	Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	absent or very weak
<input type="checkbox"/>	Petal: undulation	absent or very weak	medium to strong
<input type="checkbox"/>	*Petal: size	medium	medium
<input type="checkbox"/>	*Petal: length	medium	medium
<input type="checkbox"/>	*Petal: width	medium to broad	medium to broad
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input type="checkbox"/>	*Petal: intensity of colour	even	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	65D	N66A
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	small	small
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	light yellow	medium yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	65D	N66A
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	medium yellow
<input type="checkbox"/>	Seed vessel: size	small to medium	small to medium
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped
<input type="checkbox"/>	Hip: colour	green	green

Prior Applications and Sales

First sold in Australia in August, 2008

Description: **Finbarr O'Leary**, Dural, NSW.

Details of Application

Application Number	2009/183
Variety Name	'WEKsmopur'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Ebb Tide
Accepted Date	13 Apr 2010
Applicant	Weeks Roses Ltd, Upland, CA, USA
Agent	Swane's Nurseries Australia Pty Ltd, Dural, NSW.
Qualified Person	Finbarr O'Leary

Details of Comparative Trial

Location	Dural, NSW
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2009 – Nov 2011.
Conditions	Plants were budded on 'Dr Huey' roostock and raised in open beds.
Trial Design	Un-replicated rows with spacing of 0.75 metres between rows and plants. Approximately 15 – 20 plants per plot.
Measurements	Observations made on 10 plants taken at random.
RHS Chart - edition	2007.

Origin and Breeding

Controlled pollination: unnamed seedling x unnamed seedling. Pollen was applied to the seed parent. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialled. Selection criteria: Flower colour, disease resistance and plant growth habit. Propagation: vegetative. The seed parent is characterised by light purple pink flowers, matte foliage and medium petal count. The pollen parent is characterised by semi-double lavender coloured flowers with medium petal count. Breeder: Tom Carruth, Weeks Wholesale Rose Grower, Inc., Upland, 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
Plant	growth type	shrub
Flower	colour group	purple
Flower	main colour on the inner side	RHS 71 A

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'WEKfabpur'	

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	‘WEKsmopur’	‘WEKfabpur’
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	medium	medium to tall
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	present	absent
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak to medium	-
<input type="checkbox"/> Stem: number of prickles	medium	absent or very few
<input type="checkbox"/> Prickles: predominant colour	reddish	-
<input type="checkbox"/> Leaf: size	medium to large	medium
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium to dark	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	medium to strong	weak to medium
<input type="checkbox"/> *Leaflet: undulation of margin	weak to medium	medium
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	ovate	medium elliptic
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	acute
<input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade	acuminate	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few	medium
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	few to medium	medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	few to medium	medium
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input checked="" type="checkbox"/> *Flower: type	double	semi-double
<input checked="" type="checkbox"/> *Flower: number of petals	medium to many	few to medium
<input type="checkbox"/> *Flower: colour group	purple	purple
<input type="checkbox"/> Flower: colour of the centre	purple	purple
<input checked="" type="checkbox"/> Flower: density of petals	medium to dense	loose to medium
<input type="checkbox"/> *Flower: diameter	small to medium	small to medium
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flat	flat

<input type="checkbox"/>	*Flower: profile of lower part	flattened convex	flattened convex
<input checked="" type="checkbox"/>	Flower: fragrance	strong	absent or weak
<input checked="" type="checkbox"/>	*Sepal: extensions	strong	weak to medium
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	absent
<input type="checkbox"/>	*Petal: shape	obcordate	obcordate
<input type="checkbox"/>	Petal: incisions	weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	medium	weak to medium
<input type="checkbox"/>	Petal: undulation	absent or very weak	absent or very weak
<input type="checkbox"/>	*Petal: size	small to medium	small to medium
<input type="checkbox"/>	*Petal: length	short	very short to short
<input type="checkbox"/>	*Petal: width	medium	medium
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	lighter towards the base
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	71A	71A
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	small	medium
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	white
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	10B	155C
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	pink	light yellow
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped
<input type="checkbox"/>	Hip: colour	green	green

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2006	Granted	'WEKsmopur'

First sold USA in December 2006 and in Australia in August, 2008

Description: **Finbarr O'Leary**, Dural, NSW.

Details of Application

Application Number	2012/003
Variety Name	'Green Seaspray'
Genus Species	<i>Grevillea preissii</i>
Common Name	Spidernet Grevillea
Synonym	Nil
Accepted Date	02 Feb 2012
Applicant	George A Lullfitz, Wanneroo, WA
Agent	n/a
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Caporn street Wanneroo, WA.
Descriptor	PBR GREV (National Descriptor for <i>Grevillea</i>)
Period	August 2011 to January 2012
Conditions	Potted into 140mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety
Measurements	Observations were made on plants parts. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: August 2009-Seedling selection of a dense low growing form from motherstock within a population of the species at Muchea WA. September 2009-Vegetative propagation from selection (generation 1). March 2010-Further testing based on the initial propagation and production responses. April 2010-Plants re-propagated (generation 2), potted and evaluated for habit and agronomic traits. July 2011-Propagation from this mother stock (generation 3). The variety 'Green Seaspray' demonstrates the characters for which it was selected. All generations were uniform and stable with no off types being observed. Breeder: George A. Lullfitz., Wanneroo, WA.

Choice of Comparators

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Plant	width	medium to broad
Leaf	width	narrow to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Compact green form	This variety was considered the closest due to the growth habit. Other varieties were excluded due to prostrate growth habit including other grey leaves forms.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>Grevillea preissii</i>	Leaf: width of blade	narrow	wide	This variety also has a lower degree of leaf hairiness and the growth habit is less dense

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	'Green Seaspray'	Compact green form
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	spreading	bushy
<input checked="" type="checkbox"/> Plant: height	very short to short	short to medium
<input type="checkbox"/> Plant: width	medium to broad	medium
<input checked="" type="checkbox"/> Stem: degree of hairiness	medium	absent or low
<input type="checkbox"/> Stem: thorns, prickles, spines etc	absent	absent
<input type="checkbox"/> Stem: presence of hairs	present	present
<input checked="" type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	present
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: size	small to medium	medium
<input type="checkbox"/> Leaf: attitude	semi-erect	semi-erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input checked="" type="checkbox"/> Leaf: length of blade	short	medium
<input type="checkbox"/> Leaf: width of blade	narrow	medium
<input type="checkbox"/> Leaf: length of petiole	very short	very short
<input type="checkbox"/> Leaf: shape	pinnatisect	pinnatisect
<input type="checkbox"/> Leaf: shape of apex	mucronate	mucronate
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: shape of cross-section	concave	concave
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	weak	strong
<input type="checkbox"/> Leaf: green colour	light to medium	light to medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Green Seaspray'	Compact green form
<input type="checkbox"/> Leaf: number of lobes	4-7	3-5

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/197
Variety Name	'NPW3'
Genus Species	<i>Lomandra longifolia</i>
Common Name	Spiny Headed Mat Rush
Synonym	Nil
Accepted Date	24 Nov 2010
Applicant	Ozbreed Pty Ltd, Clarendon, NSW
Agent	N/A
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Ozbreed, Cupitts Lane, Clarendon, NSW
Descriptor	National Descriptor for Lomandra (PBR LOMA)
Period	October 2011 to August 2012
Conditions	Full sun nursery with automatic overhead irrigation. Climatic conditions typical for the area near Windsor for the summer to winter period of the trial. Plants were potted into 140mm pots and fertilised with a single top dressing of controlled release fertiliser which lasted for the period of the trial.
Trial Design	Two blocks each containing 12 plants of each of the candidate and nearest variety of common knowledge (VCK) 'LM300'. All plants were reproduced from divisions to unify the trial
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Spontaneous mutation: In 2005, a spontaneous sport from a single plant in a batch of 2000 tissue cultured plants of 'LM300'. The sport showed variegated foliage and was selected, divided and grown to stabilise the line. It has been stable through six cycles of vegetative propagation (division). Selection criteria: variegated leaf colour. Breeder: Philip Dowling, Mt. Gambier West, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	width	very narrow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
LM300	This is the parent from which the original sport was derived. It is also the only variety of Lomandra with very narrow leaves. As such other variegated varieties were excluded due to leaf width.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'LMV100'	Leaf width	very narrow	broad

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

Organ/Plant Part: Context	'NPW3'	'LM300'
<input type="checkbox"/> Plant: growth habit	semi-upright	upright
<input type="checkbox"/> Plant: height of foliage	short	medium
<input type="checkbox"/> Plant: density of foliage	dense	dense
<input type="checkbox"/> Leaf: texture	medium	medium
<input type="checkbox"/> Leaf: glaucosity	weak	weak
<input type="checkbox"/> Leaf: rigidity	weak	medium
<input type="checkbox"/> Leaf: length of blade	short	medium
<input type="checkbox"/> Leaf: width of blade	very narrow	very narrow
<input type="checkbox"/> Leaf: cross section	concave	concave
<input type="checkbox"/> Leaf: expression of middle apex	very weak	very weak
<input checked="" type="checkbox"/> Leaf: variegation	present	absent
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	146A	146A
<input checked="" type="checkbox"/> Leaf: colour of variegation (RHS Colour Chart)	4A	n/a
<input type="checkbox"/> Basal sheath: margin shredding	medium	medium
<input type="checkbox"/> Basal sheath: colour	dark brown	dark brown
<input type="checkbox"/> Inflorescence: degree of branching	weak	weak
<input checked="" type="checkbox"/> Inflorescence: length of floral axis	short	medium
<input checked="" type="checkbox"/> Inflorescence: length of peduncle	very short	medium
<input type="checkbox"/> Inflorescence: length of bract	medium	medium
<input type="checkbox"/> Inflorescence: position in relation foliage	below	below
<input type="checkbox"/> Inflorescence: colour of peduncle (RHS colour chart)	166A	166A
<input type="checkbox"/> Flower: colour of calyx (RHS colour chart)	166A	166A

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/184
Variety Name	'DrisStrawSeventeen'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	12 Oct 2010
Applicant	Driscoll Strawberry Associates, Inc., California, USA
Agent	Phillips Ormonde Fitzpatrick, Melbourne, VIC
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing	US Patent & Trademark Office (USPTO)
Authority	
Overseas Data	PP22218
Reference Number	
Location	Ventura County, California USA
Descriptor	Strawberry (new) (<i>Fragaria</i>) TG/22/10
Period	2005-2009
Conditions	Plants were asexually propagated using stolons and planted into raised beds where they were grown in full sunlight under standard commercial strawberry production conditions in Ventura County, California USA.
Trial Design	Plants were asexually propagated in a nursery in Shasta County, California USA in 2006. Plants of 'DrisStrawSeventeen'; 'DrisStrawThree'; and 'Camarillo' were planted in adjacent beds in Ventura County, California USA in 2006, 2007, 2008 and 2009.
Measurements	Observations and measurements were taken from 4 month old plants against comparison varieties using UPOV guidelines and terminology. Colours are described using the Royal Horticultural Society (RHS) Colour Charts.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The new variety 'DrisStrawSeventeen' was originated as a seedling from a controlled cross pollination in 2005 of two unpatented breeding lines; female parent - 13H377 and male parent - 119J176. Selection criteria for the variety included consistent fruit shape, high yields, and good berry quality. The seedling was subsequently named 'DrisStrawSeventeen' and asexually propagated and tested in commercial strawberry fields in Ventura County, California USA from 2006-2009. Breeder: Michael D Ferguson, a member of Driscoll Strawberry Associates Inc. Watsonville, California USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	density	medium to dense
Flower	size	medium
Petals	length in relation to width	equal

Petals	arrangement	overlapping
Fruit	colour	medium red to dark red
Fruit	adherence of calyx	strong
Fruit	glossiness	medium
Fruit	insertion of achenes	level with surface
Plant	type of bearing	fully everbearing (day neutral)

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘DrisStrawThree’	USPTO Plant Patent PP19673 is a variety widely grown in the Ventura County California USA.
‘Camarillo’	USPTO Plant Patent PP14771 is a variety widely grown in Ventura County, California USA.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘13H377’	Plant size	larger	smaller	Unpatented proprietary breeding line.
‘13H377’	Fruit size	larger	smaller	Unpatented proprietary breeding line.
‘13H377’	Fruit yield	higher	less than	Unpatented proprietary breeding line.
‘119J176’	Plant everbearing habit	strong	weak	Unpatented proprietary breeding line.
‘119J176’	Fruit size	larger	smaller	Unpatented proprietary breeding line.
‘119J176’	Fruit yield	higher	less than	Unpatented proprietary breeding line.

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	‘DrisStrawSeventeen’	‘Camarillo’	‘DrisStrawThree’
<input type="checkbox"/> *Plant: growth habit	upright	semi-upright	spreading
<input type="checkbox"/> Plant: density of foliage	dense	medium to dense	dense
<input type="checkbox"/> Plant: vigour	very strong	strong	strong
<input type="checkbox"/> *Plant: position of inflorescence in relation to foliage	beneath	above	beneath
<input type="checkbox"/> *Plant: number of stolons	few	few to medium	few to medium
<input checked="" type="checkbox"/> Stolon: anthocyanin colouration	medium	weak to medium	strong
<input type="checkbox"/> Stolon: density of pubescence	medium	sparse	sparse
<input type="checkbox"/> Leaf: size	medium	medium	small to medium
<input checked="" type="checkbox"/> Leaf: colour of upper side	dark green	medium green	light green
<input type="checkbox"/> *Leaf: blistering	medium	medium	absent or weak
<input type="checkbox"/> *Leaf: glossiness	medium	absent or weak	absent or weak

<input type="checkbox"/>	Leaf: variegation	absent	absent	absent
<input type="checkbox"/>	*Terminal leaflet: length in relation to width	equal	shorter	equal
<input type="checkbox"/>	*Terminal leaflet: shape of base	rounded	rounded	obtuse
<input type="checkbox"/>	Terminal leaflet: margin	serrate to crenate	not recorded	serrate
<input type="checkbox"/>	Terminal leaflet: shape in cross section	concave	concave	concave
<input type="checkbox"/>	Petiole: length	long to very long	long	long
<input checked="" type="checkbox"/>	Petiole: attitude of hairs	upwards	horizontal	slightly outwards
<input type="checkbox"/>	Stipule: anthocyanin colouration	weak	not recorded	not recorded
<input checked="" type="checkbox"/>	Inflorescence: number of flowers	medium to many	not recorded	few to medium
<input type="checkbox"/>	Pedicel: attitude of hairs	upwards	not recorded	not recorded
<input type="checkbox"/>	Flower: diameter	medium	medium	medium
<input type="checkbox"/>	*Flower: arrangement of petals	overlapping	overlapping	overlapping
<input type="checkbox"/>	*Flower: size of calyx in relation to corolla	same size	smaller	larger
<input type="checkbox"/>	*Flower: stamen	present	present	present
<input type="checkbox"/>	Petal: length in relation to width	equal	equal	equal
<input type="checkbox"/>	*Petal: colour of upper side	white	not recorded	not recorded
<input type="checkbox"/>	*Fruit: length in relation to width	equal	equal	moderately longer
<input checked="" type="checkbox"/>	*Fruit: size	very large	medium	very large
<input checked="" type="checkbox"/>	*Fruit: shape	wedged	conical	cylindrical
<input type="checkbox"/>	Fruit: difference in shape of terminal and other fruits	none or very slight	none or very slight	slight
<input type="checkbox"/>	*Fruit: colour	dark red	medium red	medium red
<input type="checkbox"/>	Fruit: evenness of colour	slightly uneven	even or very slightly uneven	strongly uneven
<input type="checkbox"/>	Fruit: glossiness	medium	medium	medium
<input checked="" type="checkbox"/>	Fruit: evenness of surface	strongly uneven	even or very slightly uneven	even or very slightly uneven
<input type="checkbox"/>	Fruit: width of band without achenes	narrow	absent or very narrow	narrow
<input type="checkbox"/>	*Fruit: position of achenes	level with surface	level with surface	level with surface
<input checked="" type="checkbox"/>	Fruit: position of calyx attachment	level with fruit	level with fruit	raised
<input type="checkbox"/>	Fruit: attitude of sepals	upwards	upwards	upwards
<input checked="" type="checkbox"/>	Fruit: diameter of calyx in relation to diameter of fruit	slightly smaller	same size	much smaller

<input type="checkbox"/>	Fruit: adherence of calyx	strong	strong	strong
<input type="checkbox"/>	Fruit: firmness	firm	firm	firm
<input checked="" type="checkbox"/>	Fruit: colour of flesh (excluding core)	medium red	light red	orange red
<input type="checkbox"/>	Fruit: colour of core	white	white	white
<input type="checkbox"/>	Fruit: cavity	medium	absent or small	absent or small
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	medium	early	early
<input type="checkbox"/>	Time of: beginning of fruit ripening	medium	medium	early to medium
<input type="checkbox"/>	*Type of: bearing	day neutral	day neutral	day neutral

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Morocco	2011	Applied	'DrisStrawSeventeen'
EU	2010	Applied	'DrisStrawSeventeen'
USA	2010	Granted	'DrisStrawSeventeen'

First sold in the USA in 2009.

Description: **Margaret Zorin** , Birkdale QLD

Details of Application

Application Number	2011/046
Variety Name	'Treasure Harvest'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	04 May 2011
Applicant	Top Berries, LLC, Bradenton, Florida, USA
Agent	The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry, Brisbane, QLD
Qualified Person	Mark Herrington

Details of Comparative Trial

Location	Maroochy Research Station, Nambour, QLD (26°37' South, 152°57' East, elevation 29m)
Descriptor	Strawberry (<i>Fragaria</i>) TG/22/10 Rev.
Period	May- Oct 2012
Conditions	Trial conducted in a non-fumigated field, runners from commercial sources in QLD runner growing district (Stanthorpe), second year black polythene mulch, double rows on beds (26 cm inter-row, 42 cm intra-row and 149 cm between bed centres), trickle irrigated and fertilised, pest and disease treatments applied as required.
Trial Design	Planted in randomised complete block design with 4 blocks and 12 plants per plot, significance tested using F and t tests ignoring block effects.
Measurements	From twenty plants or fruit as five individual plants or harvested fruit randomly sampled per cultivar per block.
RHS Chart - edition	2007 and 1995

Origin and Breeding

Controlled pollination of seed parent 'Treasure' x pollen parent 'A4' at Naples, Florida, USA. The seed parent is characterised by attractive dark fruit colour. The pollen parent is a non-patented selection of J&P Research, characterised by large fruit size. Seeds were germinated in a glasshouse then transplanted to raised beds, where they fruited during the 2001-02 season. 'Treasure Harvest' was selected for its high yield and superior fruit quality and confirmed over the following years. Plants were further tested in 2005-7 on farms in Plant City, Florida and assessed for yield, fruit size, eating quality, appearance and disease resistance. Selection criteria: Yield, fruit size, fruit quality and disease resistance. Propagation: asexually propagated annually by runners since first selection in 2001-2002. No off-types have been observed with further test plantings. Treasure Harvest will be commercially propagated by runners and sometimes following tissue culture from virus indexed stock plants. Breeder: Dr Peggy Chang, J&P Research, Naples, 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
Plant	growth habit	semi-upright
Leaf	blistering	absent or weak
Flower	arrangement of petals	overlapping
Fruit	shape	conical
Fruit	colour	dark red
Time of	beginning of flowering	medium
Type of	bearing	partially remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Treasure'	

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	'Treasure Harvest'	'Treasure'
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> Plant: density of foliage	medium	medium
<input type="checkbox"/> Plant: vigour	medium	medium
<input type="checkbox"/> *Plant: position of inflorescence in relation to foliage	beneath	beneath
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: colour of upper side	light green	medium green
<input type="checkbox"/> *Leaf: blistering	absent or weak	absent or weak
<input type="checkbox"/> *Leaf: glossiness	absent or weak	absent or weak
<input type="checkbox"/> Leaf: variegation	absent	absent
<input type="checkbox"/> *Terminal leaflet:: length in relation to width	moderately longer	moderately longer
<input type="checkbox"/> *Terminal leaflet: shape of base	obtuse	acute
<input type="checkbox"/> Terminal leaflet: margin	crenate	crenate
<input type="checkbox"/> Terminal leaflet: shape in cross section	concave	concave
<input type="checkbox"/> Petiole: length	medium	medium
<input type="checkbox"/> Petiole: attitude of hairs	horizontal	horizontal
<input type="checkbox"/> Stipule: anthocyanin colouration	weak	absent or very weak
<input type="checkbox"/> Inflorescence: number of flowers	few	few
<input type="checkbox"/> Pedicel: attitude of hairs	horizontal	horizontal
<input type="checkbox"/> Flower: diameter	medium	medium

<input type="checkbox"/>	*Flower: arrangement of petals	overlapping	overlapping
<input type="checkbox"/>	*Flower: size of calyx in relation to corolla	larger	larger
<input type="checkbox"/>	*Flower: stamen	present	present
<input type="checkbox"/>	Petal: length in relation to width	equal	equal
<input type="checkbox"/>	*Petal: colour of upper side	white	white
<input type="checkbox"/>	*Fruit: length in relation to width	much longer	much longer
<input checked="" type="checkbox"/>	*Fruit: size	medium	small
<input type="checkbox"/>	*Fruit: shape	conical	conical
<input type="checkbox"/>	Fruit: difference in shape of terminal and other fruits	none or very slight	none or very slight
<input type="checkbox"/>	*Fruit: colour	dark red	dark red
<input type="checkbox"/>	Fruit: evenness of colour	even or very slightly uneven	even or very slightly uneven
<input type="checkbox"/>	Fruit: glossiness	strong	strong
<input type="checkbox"/>	Fruit: evenness of surface	even or very slightly uneven	even or very slightly uneven
<input type="checkbox"/>	Fruit: width of band without achenes	absent or very narrow	absent or very narrow
<input type="checkbox"/>	*Fruit: position of achenes	below surface	below surface
<input type="checkbox"/>	Fruit: position of calyx attachment	level with fruit	level with fruit
<input type="checkbox"/>	Fruit: attitude of sepals	outwards	outwards
<input type="checkbox"/>	Fruit: diameter of calyx in relation to diameter of fruit	much larger	much larger
<input type="checkbox"/>	Fruit: adherence of calyx	medium	medium
<input type="checkbox"/>	Fruit: firmness	very firm	very firm
<input type="checkbox"/>	Fruit: colour of flesh (excluding core)	medium red	medium red
<input type="checkbox"/>	Fruit: colour of core	medium red	light red
<input type="checkbox"/>	Fruit: cavity	medium	medium
<input type="checkbox"/>	*Time of: beginning of flowering	medium	medium
<input type="checkbox"/>	Time of: beginning of fruit ripening	medium	medium to late
<input type="checkbox"/>	*Type of: bearing	partially remontant	partially remontant

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2007	Granted	'Treasure Harvest'

First sold in USA October 2008.

Description: **Mark Herrington**, Maroochy Research Station QLD.

Details of Application

Application Number	2012/179
Variety Name	'Sweet Ann'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	15 Oct 2012
Applicant	Lassen Canyon Nursery, Inc, Redding, CA, USA
Agent	The State of Queensland acting through the Department of Agriculture, Forestry and Fisheries, Brisbane, QLD
Qualified Person	Mark Herrington

Details of Comparative Trial

Location	Maroochy Research Station, Nambour, QLD (26°37' South, 152°57' East, elevation 29m)
Descriptor	Strawberry (Fragaria) TG/22/10 Rev.
Period	June - Oct 2012
Conditions	Trial conducted in a non-fumigated field, runners from commercial sources in QLD and Victorian runner growing districts, second year black polythene mulch, double rows on beds (26 cm inter-row, 42 cm intra-row and 149 cm between bed centres), trickle irrigated and fertilised, pest and disease treatments applied as required.
Trial Design	Planted in randomised complete block design with 4 blocks and 12 plants per plot, significance tested using F and t tests ignoring block effects.
Measurements	From twenty plants or fruit as five individual plants or harvested fruit randomly sampled per cultivar per block.
RHS Chart - edition	2007 and 1995

Origin and Breeding

Controlled pollination of seed parent '4A28' x pollen parent '10B131' in California, USA. Both parents are non-patented proprietary breeding lines of the Lassen Canyon Nursery/Bagdasarian breeding program. The seed parent is characterised by weak vigour. The pollen parent is characterised by dense foliage. The seeds resulting from this cross were germinated in a greenhouse at Redding, Calif., USA. The resulting seedlings were transplanted to an open field in Shastina, Calif. and allowed to produce daughter plants by asexual propagation (i.e. by runners). The seedlings were harvested and transplanted to Oxnard, Calif., where they were regularly observed in a breeding program plot and subjected to detailed evaluation. 'Sweet Ann' was selected from among various sibling genotypes as the 29th selection in 2007 and thus designated 16F29. Selection criteria: yield, fruit flavour, and appearance. Propagation: asexually propagated annually by runners since first selection in 2007. No off-types have been observed with further test plantings. Sweet Ann will be commercially propagated by runners from virus indexed stock plants. Breeder: Jimmy Bagdasarian Lassen Canyon Nursery.

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
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			Varieties
Plant	growth habit		semi-upright
Leaf	blistering		absent or weak
Flower	arrangement of petals		overlapping
Fruit	shape		conical
Time of	beginning of flowering		medium
Type of	bearing		fully remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Albion'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Treasure Harvest'	fruit	size	large	medium	
	fruit	colour	orange red	dark red	

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

Organ/Plant Part: Context	'Sweet Ann'	'Albion'
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input checked="" type="checkbox"/> Plant: density of foliage	medium	sparse
<input type="checkbox"/> Plant: vigour	medium	medium
<input type="checkbox"/> *Plant: position of inflorescence in relation to foliage	same level	beneath
<input type="checkbox"/> Leaf: size	large	large
<input type="checkbox"/> Leaf: colour of upper side	light green	medium green
<input type="checkbox"/> *Leaf: blistering	absent or weak	absent or weak
<input type="checkbox"/> *Leaf: glossiness	absent or weak	medium
<input type="checkbox"/> Leaf: variegation	absent	absent
<input type="checkbox"/> *Terminal leaflet:: length in relation to width	moderately longer	equal
<input type="checkbox"/> *Terminal leaflet: shape of base	acute	obtuse
<input type="checkbox"/> Terminal leaflet: margin	crenate	crenate
<input type="checkbox"/> Terminal leaflet: shape in cross section	straight	concave
<input type="checkbox"/> Petiole: length	medium	medium
<input checked="" type="checkbox"/> Petiole: attitude of hairs	upwards	horizontal

<input type="checkbox"/>	Stipule: anthocyanin colouration	absent or very weak	weak
<input checked="" type="checkbox"/>	Inflorescence: number of flowers	few	medium
<input type="checkbox"/>	Pedice: attitude of hairs	slightly outwards	slightly outwards
<input type="checkbox"/>	Flower: diameter	medium	medium
<input type="checkbox"/>	*Flower: arrangement of petals	overlapping	overlapping
<input type="checkbox"/>	*Flower: size of calyx in relation to corolla	larger	larger
<input type="checkbox"/>	*Flower: stamen	present	present
<input type="checkbox"/>	Petal: length in relation to width	equal	equal
<input type="checkbox"/>	*Petal: colour of upper side	white	white
<input type="checkbox"/>	*Fruit: length in relation to width	much longer	much longer
<input type="checkbox"/>	*Fruit: size	large	large
<input type="checkbox"/>	*Fruit: shape	conical	conical
<input type="checkbox"/>	Fruit: difference in shape of terminal and other fruits	none or very slight	none or very slight
<input type="checkbox"/>	*Fruit: colour	orange red	medium red
<input type="checkbox"/>	Fruit: evenness of colour	even or very slightly uneven	even or very slightly uneven
<input type="checkbox"/>	Fruit: glossiness	strong	strong
<input type="checkbox"/>	Fruit: evenness of surface	even or very slightly uneven	even or very slightly uneven
<input type="checkbox"/>	Fruit: width of band without achenes	absent or very narrow	absent or very narrow
<input type="checkbox"/>	*Fruit: position of achenes	below surface	below surface
<input type="checkbox"/>	Fruit: position of calyx attachment	level with fruit	level with fruit
<input type="checkbox"/>	Fruit: attitude of sepals	outwards	outwards
<input type="checkbox"/>	Fruit: diameter of calyx in relation to diameter of fruit	much larger	slightly larger
<input checked="" type="checkbox"/>	Fruit: adherence of calyx	medium	strong
<input checked="" type="checkbox"/>	Fruit: firmness	firm	medium
<input checked="" type="checkbox"/>	Fruit: colour of flesh (excluding core)	light pink	medium red

<input type="checkbox"/>	Fruit: colour of core	light red	light red
<input type="checkbox"/>	Fruit: cavity	absent or small	medium
<input type="checkbox"/>	*Time of: beginning of flowering	medium	medium
<input type="checkbox"/>	Time of: beginning of fruit ripening	medium	medium
<input type="checkbox"/>	*Type of: bearing	fully remontant	fully remontant

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2009	Granted	'Sweet Ann'

First sold in USA October 2010.

Description: **Mark Herrington**, Maroochy Research Station QLD.

Details of Application

Application Number	2011/166
Variety Name	'Q244'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	BSES244
Accepted Date	05 Sep 2011
Applicant	BSES Limited, Indooroopilly, QLD.
Agent	Nil
Qualified Person	George Piperidis

Details of Comparative Trial

Location	71378 Bruce Highway Meringa QLD
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/1
Period	Planted 2 June 2011; descriptions taken 23-24 April 2012
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site had been under grass fallow for 24 months and was prepared by zonal tillage with one rotary hoeing and two ripping in the plant zone. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: clay, Clifton series. Watering regime: rain fed. Chemicals: the fungicide Shirtan was applied at approximately 60ml per hectare at planting. The herbicide Soccer was applied to control weeds at hill up stage. The insecticide Talstar (150mL/ha) was applied to control wireworms. Fertiliser: DAP (100 kg/ha) was applied at planting 2/6/2012 and side-dressed at fill in stage with Nitra King S (294kg/ha) and Muriate of Potash (100kg/ha) Total nutrients: Nitrogen 98 kg/ha; Phosphorus 20kg/ha Potassium 98 kg/ha Sulphur 12kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled bi-parental cross made by BSES Limited between the seed parent 'CP75-1322' and the pollen parent 'Q170'. Seed was collected from the pollinated female inflorescences and stored for germination in 1998. The variety has since been evaluated and selected by BSES in yield trials on the Bundaberg Sugar Experiment Station and sites within the sugarcane growing area in the Southern and NSW regions. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	unexposed colour	yellow-green
Internode	shape	cylindrical to concave-convex
Node	position of bud tip	intermediate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q235'	
'Q242'	
'Q243'	

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	'Q244'	'Q235'	'Q242'	'Q243'
<input checked="" type="checkbox"/> *Plant: adherence of leaf sheath	weak	weak to medium	medium to strong	weak to medium
<input type="checkbox"/> *Internode: shape	cylindrical to concave-convex	concave-convex	cylindrical to concave-convex	cylindrical to concave-convex
<input type="checkbox"/> Internode: cross-section	ovate	ovate	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	Yellow-green N144A; 151A; 151B; Greyed-yellow 160A	Yellow-green 146D; 152A; 152B; Greyed-orange 166B; 173A; 174B	Yellow-green 145A; 146D; Greyed-orange 160A; 160B; 166B	Yellow-green N144A; 151C; 151D; 153D; Greyed-orange 160A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	Yellow-green N144A; 151A; 151B	Yellow-green N144A; N144B; N144C; N144D; 144B; 144C; 145A	Yellow-green N144A; N144B; 144A; 144B; 144C; 145A; 145B; 145C; 146D; 149D	Yellow-green N144C; N144D; 144A; 144B; 144C; 145A; 145B; 145C; 146D; 149D
<input checked="" type="checkbox"/> Internode: depth of growth crack	shallow	absent or very shallow	medium	absent or very shallow
<input checked="" type="checkbox"/> *Internode: expression of zigzag alignment	moderate	moderate to strong	moderate to strong	weak
<input type="checkbox"/> Internode: waxiness	very weak to weak	very weak to weak	weak	weak
<input type="checkbox"/> Node: wax ring	medium	medium	narrow	medium
<input type="checkbox"/> *Node: shape of bud	ovate	triangular-pointed	triangular-pointed and oval	ovate
<input type="checkbox"/> Node: bud prominence	medium to strong	weak to medium	medium	medium
<input type="checkbox"/> Node: depth of bud groove	medium	shallow	shallow to medium	shallow

<input checked="" type="checkbox"/>	Node: length of bud groove	medium to long	short	medium	medium
<input type="checkbox"/>	Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate	intermediate
<input checked="" type="checkbox"/>	Node: bud cushion	narrow	medium	absent or very narrow	medium
<input type="checkbox"/>	Node: width of bud wing	medium	narrow to medium	narrow	narrow to medium
<input type="checkbox"/>	Leaf sheath: number of hairs	medium to many	absent or very few	absent or very few	very few to few
<input type="checkbox"/>	Leaf sheath: length of hairs	medium	short		short to medium
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal	only dorsal		only dorsal
<input type="checkbox"/>	Leaf sheath: shape of ligule	deltoid	deltoid	crescent-shaped	deltoid
<input type="checkbox"/>	Leaf sheath: ligule width	wide	medium to wide	medium to wide	wide
<input checked="" type="checkbox"/>	Leaf sheath: length of ligule hairs	short	medium	medium to long	short to medium
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	sparse to medium	sparse to medium	medium to dense	medium
<input type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	falcate	transitional	lanceolate
<input checked="" type="checkbox"/>	Leaf sheath: size of underlapping auricle	large	small	not applicable	medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of overlapping auricle	dentoid	transitional	transitional	transitional
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	small	not applicable	not applicable	not applicable

Statistical Table

Organ/Plant Part: Context	‘Q244’	‘Q235’	‘Q242’	‘Q243’
<input checked="" type="checkbox"/> Internode: length (cm)				
Mean	18.40	24.20	17.80	18.80
Std. Deviation	1.80	2.50	4.60	2.40
LSD/sig	1.9	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Internode: diameter (mm)				
Mean	25.50	24.60	22.60	25.10
Std. Deviation	1.50	3.00	2.20	2.60
LSD/sig	2.2	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Node: width of bud (mm)				
Mean	7.10	6.00	6.20	7.50
Std. Deviation	0.50	0.50	0.80	1.10
LSD/sig	1.0	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)				

Mean	10.50	9.90	8.40	11.10
Std. Deviation	0.70	1.50	0.70	0.90
LSD/sig	0.9	ns	P≤0.01	ns

Prior Applications and Sales**Nil**Description: **George Piperidis**, BSES Limited, Mackay, QLD.

Details of Application

Application Number	2012/078
Variety Name	'Q249'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	BSES249
Accepted Date	02 May 2012
Applicant	BSES Limited, Indooroopilly, QLD.
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Bruce Highway Meringa QLD
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/1
Period	Planted 2 June 2011; descriptions taken 23-24 April 2012
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was strategically tilled and spray fallowed December 2010 and planted with a cover crop of soybean legumes over the wet season. Land preparation was by zonal tillage only, with one rotary hoeing and two rippings in the plant zone. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: clay loam, Edmonton series. Watering regime: rainfed. Chemicals: the fungicide Shirtan was applied at approximately 60ml per hectare at planting. The herbicide Diurex(4kg/ha)was applied 23/12/2009 to control weeds. The insecticide Talstar (150mL/ha) was applied to control wireworms. Fertiliser: DAP (100 kg/ha) was applied at planting and side-dressed at 20/11/2009. Total nutrients: Nitrogen 116 kg/ha; Potassium 74 kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited between the seed parent 'QC83-625' and the pollen parent 'QC90-289'. Seed was collected from the pollinated female inflorescences and stored for germination in 2002. The variety has since been evaluated and selected by BSES in yield trials on the Mackay Sugar Experiment Station and sites within the sugarcane growing area in the central region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	cross-section	circular
Node	shape of bud	ovate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q96'	
'Q200'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Q244'	Leaf sheath	length of medium ligule hairs	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	'Q249'	'Q200'	'Q96'
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak	weak to medium	weak
<input checked="" type="checkbox"/> *Internode: shape	slightly concave-convex	conoidal	bobbin-shaped to concave-convex
<input type="checkbox"/> Internode: cross-section	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	Yellow-green 153A; 153B; Greyedf-orange 166A; 175A; 176A; 176B; 177A; 177B	Yellow-green 146C; 146D; 152A; 152D; Greyed-red 178A; 178B; 181A; 181B	Greyed-orange 166A; 173A; 174A; 175A; 177A; 177B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	Purple N77C; Yellow-green N144B; 151B	Yellow-green N144A; N144B; 144A; 151A; 152D; 153D	Yellow-green N144A; 151A; 152D
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	weak	weak to moderate	moderate
<input type="checkbox"/> Internode: waxiness	medium	medium	medium to strong
<input type="checkbox"/> Node: wax ring	medium	medium to wide	medium
<input type="checkbox"/> *Node: shape of bud	ovate	ovate to triangular pointed	ovate
<input type="checkbox"/> Node: bud prominence	medium to strong	weak to medium	weak to medium
<input type="checkbox"/> Node: depth of bud groove	shallow	shallow	shallow

<input checked="" type="checkbox"/>	Node: length of bud groove	short	medium to long	medium to long
<input type="checkbox"/>	Node: bud tip in relation to growth ring	intermediate	clearly below	clearly below
<input type="checkbox"/>	Node: bud cushion	narrow	absent or very narrow	absent or very narrow
<input checked="" type="checkbox"/>	Node: width of bud wing	medium	narrow	medium
<input checked="" type="checkbox"/>	Leaf sheath: number of hairs	many	few to medium	few
<input type="checkbox"/>	Leaf sheath: length of hairs	medium to long	short to medium	medium
<input type="checkbox"/>	Leaf sheath: shape of ligule	deltoid	deltoid	deltoid
<input type="checkbox"/>	Leaf sheath: ligule width	wide	medium	wide
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	medium	short to medium	medium
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium to dense	medium to dense	medium to dense
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	deltoid	deltoid
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	small	small	small
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	not applicable	not applicable	not applicable

Statistical Table

Organ/Plant Part: Context	‘Q249’	‘Q200’	‘Q96’
<input type="checkbox"/> Culm: height (cm)			
Mean	338.20	327.70	360.30
Std. Deviation	25.20	24.70	26.70
LSD/sig	54.3	ns	ns
<input type="checkbox"/> Internode: length (cm)			
Mean	18.10	20.00	19.90
Std. Deviation	2.00	2.50	2.90
LSD/sig	1.8	ns	ns
<input checked="" type="checkbox"/> Internode: diameter (mm)			
Mean	24.60	24.50	29.00
Std. Deviation	2.40	2.00	3.20
LSD/sig	2.2	ns	P≤0.01
<input type="checkbox"/> Leaf blade: length (cm)			
Mean	153.00	138.70	159.50
Std. Deviation	9.90	23.00	7.20
LSD/sig	19.2	ns	ns
<input checked="" type="checkbox"/> Leaf blade: width (mm)			
Mean	38.60	36.60	49.90

Std. Deviation	3.50	3.30	2.60
LSD/sig	7.0	ns	P≤0.01
<input type="checkbox"/> Leaf: midrib width (mm)			
Mean	2.70	2.40	3.70
Std. Deviation	0.20	0.40	0.30
LSD/sig	1.1	ns	ns
<input checked="" type="checkbox"/> Leaf sheath: length (cm)			
Mean	299.80	234.60	315.00
Std. Deviation	12.40	18.40	23.60
LSD/sig	38.8	P≤0.01	ns
<input type="checkbox"/> Leaf: ratio leaf blade/midrib width			
Mean	14.50	15.90	13.50
Std. Deviation	1.20	2.60	0.80
LSD/sig	4.4	ns	ns
<input type="checkbox"/> Node: width of bud (mm)			
Mean	7.10	6.50	7.30
Std. Deviation	0.80	0.80	0.90
LSD/sig	1.0	ns	ns
<input type="checkbox"/> Node: width of root band (mm)			
Mean	10.00	10.00	9.90
Std. Deviation	1.00	0.80	1.00
LSD/sig	0.9	ns	ns

Prior Applications and Sales

Nil

Description: **George Piperidis**, BSES Limited, Mackay, QLD.

Details of Application

Application Number	2012/081
Variety Name	'Q251'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	BSES251
Accepted Date	02 May 2012
Applicant	BSES Limited, Indooroopilly, QLD.
Agent	Nil
Qualified Person	George Piperidis

Details of Comparative Trial

Location	71378 Bruce Highway Meringa QLD
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/1
Period	Planted 2 June 2011; descriptions taken 23-24 April 2012
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was strategically tilled and spray fallowed December 2010 and planted with a cover crop of soybean legumes over the wet season. Land preparation was by zonal tillage only, with one rotary hoeing and two rippings in the plant zone. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: clay loam, Edmonton series. Watering regime: rainfed. Chemicals: the fungicide Shirtan was applied at approximately 60ml per hectare at planting. The herbicide Diurex(4kg/ha)was applied 23/12/2009 to control weeds. The insecticide Talstar (150mL/ha) was applied to control wireworms. Fertiliser: DAP (100 kg/ha) was applied at planting and side-dressed at 20/11/2009. Total nutrients: Nitrogen 116 kg/ha; Potassium 74 kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited between the seed parent 'QN81-289' and the pollen parent 'Q209'. Seed was collected from the pollinated female inflorescences and stored for germination in 2001. The variety has since been evaluated and selected by BSES in yield trials on the Meringa Sugar Experiment Station and sites within the sugarcane growing area in the northern region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	unexposed colour	yellow-green
Node	bud groove depth	absent or very shallow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q183'	
'Q186'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Q244'	Node wax ring	narrow	medium	
'Q249'	Node shape of bud	round	ovate	
'Q250'	Internode shape	cylindrical	concave-convex	

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	'Q251'	'Q183'	'Q186'
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak	weak	medium
<input type="checkbox"/> *Internode: shape	cylindrical	concave-convex	bobbin-shaped to concave-convex
<input type="checkbox"/> Internode: cross-section	circular	circular	ovate
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	Yellow-green 152A; 152B; Greyed-orange 166B; 174A; 174B; 176A	Yellow-green N144A; Greyed-orange 172A; 174B; 176B; 176C	Yellow-green 146D; 152C; 152D; 153A; Greyed-orange 166A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	Yellow-green N144D; 144A; 145B; 151A	Yellow-green N144D; 144A; 144B; 145A; 146D	Yellow-green N144A; 144B; 145A; 145B; 146D
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	shallow to medium	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	weak	moderate	weak to moderate
<input type="checkbox"/> Internode: waxiness	medium	weak to medium	weak to medium
<input type="checkbox"/> Node: wax ring	narrow	medium	narrow to medium
<input type="checkbox"/> *Node: shape of bud	round	ovate	ovate
<input type="checkbox"/> Node: bud prominence	medium to strong	weak to medium	weak to medium

<input type="checkbox"/>	Node: depth of bud groove	absent or very shallow	absent or very shallow	absent or very shallow
<input checked="" type="checkbox"/>	Node: bud tip in relation to growth ring	clearly below	intermediate	intermediate
<input checked="" type="checkbox"/>	Node: bud cushion	medium	narrow to medium	absent or very narrow
<input type="checkbox"/>	Node: width of bud wing	narrow to medium	narrow to medium	narrow
<input checked="" type="checkbox"/>	Leaf sheath: number of hairs	medium to many	very few to few	absent or very few
<input type="checkbox"/>	Leaf sheath: length of hairs	medium	short to medium	short
<input type="checkbox"/>	Leaf sheath: shape of ligule	deltoid	deltoid	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	wide	medium to wide	medium
<input checked="" type="checkbox"/>	Leaf sheath: length of ligule hairs	medium to long	medium	short
<input checked="" type="checkbox"/>	Leaf sheath: density of ligule hairs	dense	medium to dense	sparse to medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	transitional	deltoid and falcate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	medium to large	not applicable	small
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	deltoid	transitional	transitional
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	medium	not applicable	not applicable

Statistical Table

Organ/Plant Part: Context	'Q251'	'Q183'	'Q186'
<input checked="" type="checkbox"/> Internode: diameter (mm)			
Mean	30.50	29.00	25.70
Std. Deviation	2.60	3.50	2.50
LSD/sig	2.2	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: length (cm)			
Mean	150.70	150.80	124.50
Std. Deviation	8.30	11.00	6.60
LSD/sig	19.2	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)			
Mean	47.60	44.30	37.60
Std. Deviation	4.20	5.80	2.70
LSD/sig	7.0	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf sheath: length (cm)			
Mean	243.80	296.70	231.10

Std. Deviation	13.90	19.40	12.50
LSD/sig	38.8	P≤0.01	ns
<input checked="" type="checkbox"/> Node: width of bud (mm)			
Mean	7.70	7.50	5.90
Std. Deviation	0.90	0.80	0.80
LSD/sig	1.0	ns	P≤0.01
<input checked="" type="checkbox"/> Node: width of root band (mm)			
Mean	12.40	10.80	8.80
Std. Deviation	0.80	0.80	1.20
LSD/sig	0.9	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **George Piperidis**, BSES Limited, Mackay, QLD.

Details of Application

Application Number	2012/080
Variety Name	'Q250'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	BSES250
Accepted Date	02 May 2012
Applicant	BSES Limited, Indooroopilly, QLD.
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	71378 Bruce Highway Meringa QLD
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/1
Period	Planted 2 June 2011; descriptions taken 23-24 April 2012
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was strategically tilled and spray fallowed December 2010 and planted with a cover crop of soybean legumes over the wet season. Land preparation was by zonal tillage only, with one rotary hoeing and two rippings in the plant zone. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: clay loam, Edmonton series. Watering regime: rainfed. Chemicals: the fungicide Shirlan was applied at approximately 60ml per hectare at planting. The herbicide Diurex(4kg/ha)was applied 23/12/2009 to control weeds. The insecticide Talstar (150mL/ha) was applied to control wireworms. Fertiliser: DAP (100 kg/ha) was applied at planting and side-dressed at 20/11/2009. Total nutrients: Nitrogen 116 kg/ha; Potassium 74 kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited between the seed parent 'QN79-183' and the pollen parent 'QN89-1043'. Seed was collected from the pollinated female inflorescences and stored for germination in 2000. The variety has since been evaluated and selected by BSES in yield trials on the Meringa Sugar Experiment Station and sites within the sugarcane growing area in the northern region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	unexposed colour	yellow-green
Leaf sheath	size of underlapping auricle	small
Leaf sheath	shape of overlapping auricle	transitional

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q230'	
'Q232'	
'Q241'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Q244'	Node shape of bud round		ovate	
'Q249'	Node shape of bud round		ovate	

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	'Q250'	'Q230'	'Q232'	'Q241'
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak to medium	medium	weak to medium	weak to medium
<input type="checkbox"/> *Internode: shape	slightly concave-convex	cylindrical to concave-convex	slightly concave-convex	slightly concave-convex
<input type="checkbox"/> Internode: cross-section	circular	circular	ovate	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	Yellow-green N144D; 145A; 146D	Greyed-yellow 160A; Greyed-orange 174C; 174D	Yellow-green 145B; 146C; 146D; 154A; Greyed-orange 174D	Yellow-green 149D; 151D; 152D; Greyed-yellow 160A; Greyed-orange 173A; 174A; 176A; 176B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	Yellow-green N144D; 145C; 145D; 146D	Yellow-green N144D; 144A; 144B; 144C; 151A; 153C; 153D	Yellow-green N144A, N144D, 145A; 145B; 150D; 151C, 151D	Yellow-green N144A; 150D; 151A; 151B; 151C
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	very shallow to shallow	absent or very shallow	very shallow to shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	moderate	moderate	weak
<input type="checkbox"/> Internode: waxiness	very weak to	weak to medium	very weak to	weak

	weak		weak	
<input type="checkbox"/> Node: wax ring	narrow	medium	medium	narrow
<input type="checkbox"/> *Node: shape of bud	round	round	ovate	oval
<input type="checkbox"/> Node: bud prominence	medium to strong	medium	medium	medium to strong
<input checked="" type="checkbox"/> Node: depth of bud groove	absent or very shallow	absent or very shallow	medium	absent or very shallow
<input checked="" type="checkbox"/> Node: bud tip in relation to growth ring	clearly below	clearly below	intermediate	intermediate
<input type="checkbox"/> Node: bud cushion	very narrow to narrow	absent or very narrow	narrow to medium	narrow
<input checked="" type="checkbox"/> Node: width of bud wing	medium to wide	narrow	medium	medium
<input checked="" type="checkbox"/> Leaf sheath: number of hairs	absent or very few	many	absent or very few	few
<input type="checkbox"/> Leaf sheath: length of hairs	short	medium		short to medium
<input type="checkbox"/> Leaf sheath: distribution of hairs	only dorsal	only dorsal		only dorsal
<input type="checkbox"/> Leaf sheath: shape of ligule	deltoid	deltoid	deltoid	crescent-shaped
<input type="checkbox"/> Leaf sheath: ligule width	wide	medium to wide	medium	medium
<input type="checkbox"/> Leaf sheath: length of ligule hairs	medium	short to medium	short to medium	medium
<input type="checkbox"/> Leaf sheath: density of ligule hairs	medium to dense	sparse to medium	medium	medium
<input checked="" type="checkbox"/> Leaf sheath: shape of underlapping auricle	deltoid	lanceolate	falcate	deltoid
<input type="checkbox"/> Leaf sheath: size of underlapping auricle	small	small to medium	small	small
<input type="checkbox"/> Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional	transitional
<input type="checkbox"/> Leaf sheath: size of overlapping auricle	not applicable	not applicable	not applicable	not applicable

Statistical Table

Organ/Plant Part: Context	'Q250'	'Q230'	'Q232'	'Q241'
<input type="checkbox"/> Culm: height (cm)				
Mean	360.20	282.80		334.70
Std. Deviation	16.30	30.40		24.70
LSD/sig	54.3	P≤0.01		ns
<input checked="" type="checkbox"/> Internode: length (mm)				
Mean	18.10	20.70	20.50	20.00
Std. Deviation	2.10	2.90	2.10	3.80
LSD/sig	1.8	P≤0.01	P≤.01	ns
<input checked="" type="checkbox"/> Node: width of bud (mm)				

Mean	6.90	5.40	7.60	7.40
Std. Deviation	0.70	0.60	0.90	1.20
LSD/sig	1.0	P≤0.01	ns	ns
<input type="checkbox"/> Node: width of root band (mm)				
Mean	11.10	9.60	9.30	10.10
Std. Deviation	1.40	0.90	1.40	0.70
LSD/sig	0.9	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Nil

Description: **George Piperidis**, BSES Limited, Mackay, QLD.

Details of Application

Application Number	2010/084
Variety Name	'Royal Lynn'
Genus Species	<i>Prunus avium</i>
Common Name	Sweet Cherry
Synonym	Nil
Accepted Date	25 May 2010
Applicant	Zaiger's Inc. Genetics, USA
Agent	Graham's Factree Pty Ltd, Hoddles Creek, VIC
Qualified Person	Lisa Corcoran

Details of Comparative Trial

Overseas Testing Authority	United States Patent and Trademark Office (USPTO)
Overseas Data Reference Number	PP 19,589
Location	Taggerty, Victoria
Descriptor	Cherry (<i>Prunus avium</i>) TG/35/7
Period	2008-2012
Conditions	Where possible the overseas data was verified under local growing conditions. The U.S Plant Patent data was converted into standard UPOV characteristics for Cherry.
Trial Design	Ten plants of the candidate variety were planted in 2008 at a Taggerty, Victoria
Measurements	From all trial plants.
RHS Chart - edition	N/A

Origin and Breeding

Cross pollination: The present new variety of cherry tree (*Prunus avium*) '91LA460' x 'Royal Lee' was developed by Zaiger Inc. Genetics at their experimental orchard located near Modesto, California USA, as a first generation cross between proprietary seedling '91LA460' and 'Royal Lee' cherry. A large group of first generation crosses were budded onto older trees of 'Mahaleb' rootstock. Under close observation one such seedling exhibited desirable fruit characteristics and was therefore selected for additional asexual propagation and commercialisation. Breeder: Zaiger 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
Fruit	skin colour	red
Fruit	flesh colour	red
Tree	habit	upright
Time of	flowering	early
Time of	maturity	early to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Royal Hazel'	'Royal Hazel' produces fruit that is slightly larger in size and later in maturity compared to 'Royal Lynn'.
'Royal Lee'	'Royal Lee' produces fruit that is smaller in size and later in maturity compared to 'Royal Lynn'.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Australise'	fruit maturity	4 days later	4 days earlier	'Australise' matures in some regions 8 days earlier. The fruit is also reniform in shape compared to 'Royal Lynn' which is cordate
'Early Burlat'	fruit required chill units	low to medium	high	

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

Organ/Plant Part: Context	'Royal Lynn'	'Royal Hazel'	'Royal Lee'
<input type="checkbox"/> Tree: vigour	strong	strong	strong
<input type="checkbox"/> *Tree: habit	upright	upright	upright
<input checked="" type="checkbox"/> *Leaf: length of petiole	short	medium	long to very long
<input type="checkbox"/> *Petiole: nectaries	present	present	present
<input type="checkbox"/> Petiole: colour of nectaries	dark red	dark red	dark red
<input type="checkbox"/> Flower: shape of petal	round	round	round
<input type="checkbox"/> *Fruit: size	medium to large	large	medium to large
<input checked="" type="checkbox"/> *Fruit: shape	cordate	circular	circular
<input type="checkbox"/> Fruit: pistil end	depressed	flat	depressed
<input type="checkbox"/> *Fruit: colour of skin	red	red	red
<input type="checkbox"/> Fruit: colour of flesh	red	red	red
<input checked="" type="checkbox"/> *Fruit: firmness	very firm	firm	very firm
<input checked="" type="checkbox"/> Fruit: juiciness	medium	strong	medium
<input checked="" type="checkbox"/> *Fruit: length of stalk	long	short to medium	short
<input type="checkbox"/> *Stone: size	medium	small to medium	medium
<input type="checkbox"/> *Stone: shape	broad elliptic	broad elliptic	broad elliptic
<input type="checkbox"/> *Time of: flowering	early	early	early

<input type="checkbox"/>	*Time of: fruit maturity	early	early	early to medium
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Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Royal Lynn'	'Royal Hazel'	'Royal Lee'
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<input type="checkbox"/>	Self: incompatibility	absent	absent	absent
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Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2007	Granted	'Royal Lynn'

First sold in USA Dec 2008.

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

Details of Application

Application Number	2004/064
Variety Name	'Tacle'
Genus Species	<i>Citrus reticulata</i> x <i>Citrus sinensis</i>
Common Name	Tangor
Synonym	Nil
Accepted Date	01 May 2004
Applicant	Istituto Sperimentale per L'Agrumicoltura, Italy
Agent	Australian Nurserymen's Fruit Improvement Company Limited, Kallangur, QLD
Qualified Person	Gavin Porter

Details of Comparative Trial

Location	Dareton, NSW
Descriptor	UPOV TG <i>Citrus</i> L. Mandarins 201/1
Period	2011/2012
Conditions	Standard weather and trial conditions during the 2011/2012 growing season.
Trial Design	10 trees were planted in a trial block at Dareton, NSW. Standard cultural practices were used in this trial block. All trees were in good health with no visible pest and disease issues.
Measurements	Measurements were taken from 5 trees of this variety.

Origin and Breeding

Controlled pollination: diploid *C. reticulata* 'Monreal' with the pollen parent tetraploid *C. sinensis* 'Tarocco'. Several hundred seedlings were grown and evaluated for the best fruit characteristics. 'Tacle' (A-146) was selected due to its late season harvest, red flesh and other superior fruit characteristics. 'Tacle' is a hybrid of the first generation made from the cross of diploid clementine 'Monreal' and tetraploid 'Tarocco' in May, 1980. The original tree has been maintained at Palazzelli experimental farm of Istituto Sperimentale per l'Agrumicoltura of Acireale, Italy since 1983. Propagation using bud sticks from the original tree has occurred in different areas for 4 years in Italy. Three generations of propagated 'Tacle' have been grown since selection. The seed parent is a diploid *Citrus reticulata* and the pollen parent is a tetraploid *Citrus sinensis*. The new variety is a triploid hybrid. No off-types have been isolated from 1983 date of original planting at Palazzelli, Italy.

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	triploid
Fruit	Number of seeds	very low or absent
Fruit	time of maturity for consumption	medium
Seed	Polyembryony	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Red Tacle' (US PP application No: 20080189813)	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Monreal'	Fruit presence of depression at the distal end	present	absent	
'Monreal'	Fruit areola	absent	absent	
'Valencia'	Fruit shape	oblate	globose	
'Valencia'	Fruit presence of depression at the distal end	present	absent	
'Valencia'	Seed polyembryony	absent	present	
'Valencia'	Fruit time of maturity for consumption	mid-season	late season	
'Clara'	Tree density of spines	Dense	sparse	
'Clara'	Fruit time of maturity for consumption	mid-season	late season	
'Hickson'	Plant ploidy	triploid	diploid	

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	'Tacle'	'Red Tacle'
<input type="checkbox"/> Ploidy:	triploid	triploid
<input type="checkbox"/> *Tree: growth habit	spreading	upright
<input type="checkbox"/> Tree: density of spines	dense	absent or sparse
<input type="checkbox"/> Tree: length of spines	medium to long	
<input checked="" type="checkbox"/> Leaf blade: length	long	medium
<input checked="" type="checkbox"/> Leaf blade: width	broad	medium
<input type="checkbox"/> Leaf blade: ratio length/width	small to medium	medium
<input type="checkbox"/> Leaf blade: shape in cross section	strongly concave	
<input type="checkbox"/> Leaf blade: twisting	absent or weak	
<input type="checkbox"/> Leaf blade: blistering	absent or weak	
<input checked="" type="checkbox"/> Leaf blade: green colour	dark	medium
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak	
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	
<input type="checkbox"/> Leaf blade: shape of apex	acuminate	
<input type="checkbox"/> Leaf blade: emargination at tip	present	

<input type="checkbox"/>	Petiole: length	long to very long	
<input type="checkbox"/>	Petiole: presence of wings	present	
<input type="checkbox"/>	Petiole: width of wings (varieties with petiole wings present only)	narrow to medium	
<input type="checkbox"/>	Flower: diameter of calyx	large	
<input type="checkbox"/>	Flower: length of petal	long	
<input type="checkbox"/>	Flower: width of petal	medium	
<input type="checkbox"/>	Flower: ratio length/width of petal	medium to large	
<input type="checkbox"/>	Flower: length of stamens	medium	
<input type="checkbox"/>	Anther: colour	medium yellow	
<input type="checkbox"/>	Anther: viable pollen	absent	
<input type="checkbox"/>	Style: length	short	
<input checked="" type="checkbox"/>	*Fruit: length	long	medium
<input checked="" type="checkbox"/>	*Fruit: diameter	large	medium
<input type="checkbox"/>	*Fruit: ratio length/diameter	medium	medium
<input type="checkbox"/>	*Fruit: position of broadest part	at middle	at middle
<input checked="" type="checkbox"/>	Fruit: shape in transverse section	oblate	somewhat angular
<input type="checkbox"/>	*Fruit: general shape of proximal part	flattened	flattened
<input checked="" type="checkbox"/>	*Fruit: presence of neck	absent	present
<input type="checkbox"/>	*Fruit: presence of depression at stalk end (varieties without fruit neck only)	present	
<input type="checkbox"/>	Fruit: depth of depression at stalk end (varieties without fruit neck only)	shallow to medium	
<input checked="" type="checkbox"/>	Fruit: presence of constriction at stalk end	absent	present
<input type="checkbox"/>	Fruit: number of radial grooves at stalk end	intermediate	intermediate
<input type="checkbox"/>	Fruit: length of radial grooves at stalk end	medium	medium
<input type="checkbox"/>	Fruit: presence of collar	absent	absent
<input type="checkbox"/>	Fruit: abscission layer between floral disc and fruit	absent or weakly developed	
<input type="checkbox"/>	*Fruit: general shape of distal part	flattened	flattened
<input type="checkbox"/>	*Fruit: presence of depression at distal end	present	present
<input type="checkbox"/>	Fruit: depth of depression at distal end	medium to deep	shallow
<input type="checkbox"/>	Fruit: diameter of depression at distal end	medium	medium
<input type="checkbox"/>	*Fruit: presence of areola	absent	present and complete
<input type="checkbox"/>	Fruit: diameter of stylar scar	medium	small

<input type="checkbox"/>	Fruit: persistence of style	none	none
<input type="checkbox"/>	Fruit: presence of navel opening	absent	occasionally present
<input type="checkbox"/>	Fruit: presence of radial grooves at distal end	absent	absent
<input type="checkbox"/>	*Fruit surface: predominant colours	medium orange	medium orange
<input type="checkbox"/>	*Fruit surface: glossiness	weak to medium	weak to medium
<input type="checkbox"/>	Fruit surface: roughness	rough	medium to rough
<input type="checkbox"/>	Fruit surface: size of oil glands	larger ones interspersed by smaller ones	
<input type="checkbox"/>	Fruit surface: size of larger oil glands	large	
<input type="checkbox"/>	Fruit surface: conspicuousness of larger oil glands	medium	
<input type="checkbox"/>	Fruit surface: presence of pitting and pebbling in oil glands	pitting absent, pebbling present	
<input type="checkbox"/>	Fruit surface: density of pebbling (varieties with fruit surface: pebbling on oil glands present only)	medium to dense	
<input type="checkbox"/>	Fruit surface: degree of pebbling (varieties with fruit surface: pebbling on oil glands present only)	strong	
<input type="checkbox"/>	*Fruit rind: thickness	thin to medium	thin to medium
<input type="checkbox"/>	*Fruit rind: adherence to flesh	medium to strong	weak to medium
<input type="checkbox"/>	Fruit rind: strength	medium	medium
<input type="checkbox"/>	Fruit rind: oiliness	medium to oily	medium
<input type="checkbox"/>	Fruit rind: conspicuousness of oil glands on inner surface	absent or weakly conspicuous	strongly conspicuous
<input type="checkbox"/>	Fruit: colour of albedo	white	light yellow
<input type="checkbox"/>	Fruit: density of albedo	medium to dense	medium
<input type="checkbox"/>	*Fruit: amount of albedo adhering to flesh	small to medium	
<input type="checkbox"/>	Fruit: presence of albedo strands	present	
<input type="checkbox"/>	Fruit: amount of albedo strands	very small	
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	dark orange	dark red
<input type="checkbox"/>	Fruit: filling of core	absent or very sparse	absent or very sparse to sparse
<input type="checkbox"/>	Fruit: diameter of core	large	
<input type="checkbox"/>	Fruit: presence of rudimentary segments	absent or weak	
<input type="checkbox"/>	Fruit: number of well developed segments	medium to many	medium
<input type="checkbox"/>	Fruit: coherence of adjacent segment walls	medium	

<input type="checkbox"/>	Fruit: strength of segment walls	weak	
<input type="checkbox"/>	Fruit: length of juice vesicles	medium	
<input type="checkbox"/>	Fruit: thickness of juice vesicles	medium	
<input type="checkbox"/>	Fruit: conspicuousness of juice vesicle walls	low to medium	
<input type="checkbox"/>	Fruit: coherence of juice vesicles	strong	
<input type="checkbox"/>	*Fruit: presence of navel (viewed internally)	absent or very rare	absent or very rare
<input type="checkbox"/>	Fruit: juiciness	medium	high
<input type="checkbox"/>	*Fruit juice: total soluble solids	medium	medium
<input type="checkbox"/>	Fruit juice: acidity	low to medium	medium
<input type="checkbox"/>	Fruit: strength of fibre	medium	medium
<input type="checkbox"/>	Fruit: number of seeds (controlled manual self-pollination)	absent or very few	
<input type="checkbox"/>	Fruit: number of seeds (open pollination)	absent or very few	absent
<input type="checkbox"/>	*Seed: polyembryony	absent	absent
<input type="checkbox"/>	*Time of: maturity of fruit for consumption	medium	medium

Statistical Table

Organ/Plant Part: Context	'Tacle'
<input type="checkbox"/> Leaf: Blade length(mm)	
Mean	123.05
Std. Deviation	3.12
<input type="checkbox"/> Leaf: Blade width(mm)	
Mean	69.22
Std. Deviation	3.09
<input type="checkbox"/> Petiole: Length(mm)	
Mean	21.71
Std. Deviation	0.22
<input type="checkbox"/> Flower: Diameter of calyx(mm)	
Mean	38.34
Std. Deviation	0.16
<input type="checkbox"/> Flower: Length of sepal(mm)	
Mean	21.00
Std. Deviation	0.05
<input type="checkbox"/> Flower: Width of petal(mm)	
Mean	8.67
Std. Deviation	0.04
<input type="checkbox"/> Flower: Length of stamens(mm)	

Mean	11.00
Std. Deviation	0.02
<input type="checkbox"/> Flower: Style length(mm)	
Mean	9.01
Std. Deviation	0.02
<input type="checkbox"/> Fruit: Length(mm)	
Mean	63.01
Std. Deviation	1.34
<input type="checkbox"/> Fruit: Diameter(mm)	
Mean	83.51
Std. Deviation	1.60
<input type="checkbox"/> Fruit: Number of radial grooves at stalk end	
Mean	7.00
Std. Deviation	0.05
<input type="checkbox"/> Fruit: Length of radial grooves at stalk end(mm)	
Mean	12.00
Std. Deviation	0.02
<input type="checkbox"/> Fruit: Diameter of depression at distal end(mm)	
Mean	11.00
Std. Deviation	0.02
<input type="checkbox"/> Fruit: Diameter of stylar scar(mm)	
Mean	4.00
Std. Deviation	0.01
<input type="checkbox"/> Fruit: Surface size of larger oil glands	
Mean	5.00
Std. Deviation	0.01
<input type="checkbox"/> Fruit: Rind thickness(mm)	
Mean	4.00
Std. Deviation	0.01
<input type="checkbox"/> Fruit: Diameter of Core(mm)	
Mean	15.87
Std. Deviation	1.65
<input type="checkbox"/> Fruit: Number of well developed segments	
Mean	11.08
Std. Deviation	0.44
<input type="checkbox"/> Fruit: Length of juice vesicles(mm)	
Mean	9.02
Std. Deviation	0.44

Fruit: Thickness of juice vesicles(mm)

Mean 3.00

Std. Deviation 0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Chile	2007	Granted	'Tacle'
European Union	2001	Granted	'Tacle'
South Africa	2007	Pending	'Tacle'

First sold in Italy in January 1998.

Description: **Gavin Porter, Kallangur, QLD.**

Details of Application

Application Number 2011/315
Variety Name 'BUNNAN'
Genus Species *Baloskion tetraphyllum*
Common Name Tassel Cord Rush
Synonym Nil
Accepted Date 30 Jan 2012
Applicant SPROCZ Pty Ltd, Bilpin, NSW.

Agent Ozbreed Pty Ltd, Clarendon, NSW
Qualified Person Peter Abell

Details of Comparative Trial

Location Ozbreed, Cupitts Lane, Clarendon, NSW
Descriptor General Descriptor
Period November 2011 to August 2012
Conditions Shade-house with automatic overhead irrigation. Climatic conditions typical for the area near Windsor for the summer to winter period of the trial. Plants were potted into 75mm square pots and fertilised with a single top dressing of controlled release fertiliser which lasted for the period of the trial.
Trial Design Two blocks each containing 15 plants of each of the candidate, nearest variety of common knowledge (VCK) and seed form (later excluded). All plants were reproduced from divisions to unify the trial.
Measurements The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition 2007

Origin and Breeding

Open pollination followed by seedling selection: In May 2004 seedling selection for very dense "fluffy" foliage from seedling batch grown from open pollinated plants. In July 2005 single plant selection was made and plant potted. In November 2005, plant divided (Generation 1) and in August 2006 plants were divided again (Generation 2) to bulk up numbers, plants potted for observations. In November 2007 plant initiated for tissue culture (generation 3). During January 2008 - November 2011 several tissue culture generations. The variety remains stable with nil off-types being observed with all selection characters being expressed. Selection criteria: dense "fluffy" growth of leaves. Breeder: Peter G Abell, Bilpin, 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
Juvenile shoot	lamina	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Green Wedge'	This is one of the only named varieties of the species and the only variety that has a higher degree of branching on the upper stem

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
Trade form	Juvenile lamina shoot	present	absent	This is a common form grown from seed and shows variability. It has fewer leaves on the upright stem and no leaflets on the culm.

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	'BUNNAN'	'Green Wedge'
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial
<input type="checkbox"/> Plant: growth habit	erect	narrow erect
<input checked="" type="checkbox"/> Plant: height	short	medium to tall
<input type="checkbox"/> Plant: width	medium	narrow to medium
<input type="checkbox"/> Juvenile shoot: anthocyanin colouration	absent	absent
<input type="checkbox"/> Juvenile shoot: lamina	present	present
<input checked="" type="checkbox"/> Juvenile shoot: length of lamina	very long	very short
<input checked="" type="checkbox"/> Juvenile shoot: width of lamina	medium	very narrow
<input type="checkbox"/> Leaf: type	simple	simple
<input type="checkbox"/> Leaf: attitude of lamina	semi-erect	n/a
<input type="checkbox"/> Leaf : arrangement	alternate	alternate
<input type="checkbox"/> Leaf: petiole	absent	absent
<input type="checkbox"/> Leaf: shape of lamina	linear	linear
<input type="checkbox"/> Leaf: shape of apex of lamina	acute	acute
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Culm: glossiness	medium	medium
<input type="checkbox"/> Culm: intensity of green colour	medium	light to medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input checked="" type="checkbox"/> Culm: primary colour (RHS colour chart)	137B	146A

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2009/120
Variety Name	'Raspberry Ripple'
Genus Species	<i>Chamelaucium</i> hybrid
Common Name	Waxflower
Synonym	Nil
Accepted Date	26 Jun 2009
Applicant	Goldsash Pty Ltd, West Swan, WA
Agent	Western Flora, Coorow, WA
Qualified Person	Brian Jack

Details of Comparative Trial

Location	Western Flora, Coorow, WA.
Descriptor	Waxflower (<i>Chamelaucium</i> and hybrids with <i>Verticordia plumosa</i>) (UPOV TG/225/1/ Corr.)
Period	2011-12
Conditions	Plants of the candidate variety and comparators were planted in to pots with fertiliser incorporated in the potting mix. Pots were placed in rows of one variety per row into a shade house with 70% shade. Rows were running north/south. Row spacings were 300mm. All plants were watered via one 4 litre per hour dripper per pot. Trial plot was sprayed when necessary to prevent or control pests and diseases. The plants were not staked or pruned during the trial period.
Trial Design	10 pots of each variety per row with rows 300mm apart.
Measurements	Taken in accordance with UPOV technical guideline.
RHS Chart - edition	1986 edition

Origin and Breeding

Open pollination followed by seedling selection: this variety was selected from a row of open-pollinated seedlings in Western Flora's Waxflower breeding facility at Coorow, Western Australia. The probable parents are 'Purple Pride' and 'Grandiflora'. The seedling was selected for breeding because of the unusual arrangement of the staminodes, flower size, flower colour, flowering time and the high yield of uniform flowering stems. Cuttings were taken for further breeding and selection and no offtypes were found after four cycles of selection. Breeder: Brian Jack, Western Flora, Coorow, Western 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
Flower	main colour of petals 10-14 days after opening	purple
Flower	main colour of petals 4 weeks after opening	purple
Flower	type	single
Sepal	incision of margin	absent
Receptacle	colour 4 weeks after opening of flower	red-purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Grandiflora'	
'Lilac Spring'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Chantilly Lace'	Flower main colour of petals	purple	white	this variety has petaloid stamens but excluded because of white flower colour
'Purple Pride'	Flower petaloid stamens	large	small	Putative parent having purple flower colour
'Dancing Queen'	Flower type	single	double	

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

Organ/Plant Part: Context	'Raspberry Ripple'	'Grandiflora'	'Lilac Spring'
<input checked="" type="checkbox"/> Leaf: attitude in relation to stem	erect	semi erect	semi erect
<input checked="" type="checkbox"/> Leaf: length	long	long	medium
<input type="checkbox"/> Leaf: shape in cross section	rounded	rounded	rounded
<input type="checkbox"/> Flowering branch: angle of axillary shoot	medium	medium	medium
<input type="checkbox"/> Flowering branch: location of flowers	both axillary and terminal	both axillary and terminal	both axillary and terminal
<input type="checkbox"/> Flower bud: colour of apex	pink	pink	pink
<input type="checkbox"/> *Flower: type	single	single	single
<input type="checkbox"/> *Flower: diameter	large	large	medium to large
<input type="checkbox"/> Flower: arrangements of petals	free	free	free
<input type="checkbox"/> Flower: attitude of petals on day of opening	horizontal	horizontal	horizontal
<input type="checkbox"/> Flower: attitude of petals 4 weeks after opening	horizontal	horizontal	horizontal
<input type="checkbox"/> Flower: length of sepal in relation to length of petal	less than one third	less than one third	less than one third
<input type="checkbox"/> *Flower: main colour of petals on day of opening (RHS Colour Chart)	75A	75A	75A B

<input checked="" type="checkbox"/>	*Flower: main colour of petals 10-14 days after opening (RHS Colour Chart)	77C	78B	77B
<input checked="" type="checkbox"/>	*Flower: main colour of petals 4 weeks after opening (RHS Colour Chart)	78B	78A	77A
<input type="checkbox"/>	Pedice: length	medium to long	medium to long	short to medium
<input checked="" type="checkbox"/>	Hypanthium: conspicuousness of longitudinal furrowing	strong	medium	absent to very weak
<input type="checkbox"/>	Hypanthium: shape	obconical	obconical	obconical
<input type="checkbox"/>	Hypanthium: diameter at widest part	medium	medium	medium
<input type="checkbox"/>	Hypanthium: main colour at middle part	green	green	yellow
<input type="checkbox"/>	*Sepal: incision of margin	absent	absent	absent
<input checked="" type="checkbox"/>	Petal: ratio length/width	as long as broad	broader than long	broader than long
<input checked="" type="checkbox"/>	Petal: undulation of margin	weak	medium	medium
<input checked="" type="checkbox"/>	Stamen collar: colour at opening of flower	pink	pink	white
<input type="checkbox"/>	Stamen collar: colour 10-14 days after opening of flower	purple	purple	white
<input type="checkbox"/>	Receptacle: colour on day of opening of flower	yellow green	light green	yellow green
<input type="checkbox"/>	Receptacle: colour 4 weeks after opening of flower	red brown	red brown	red brown
<input checked="" type="checkbox"/>	Style: colour	purple	pink	white
<input type="checkbox"/>	Time of: beginning of flowering	medium to late	medium	medium
Characteristics Additional to the Descriptor/TG				
Organ/Plant Part: Context				
<input checked="" type="checkbox"/>	Flower: petaloid stamens	present	absent	absent

Prior Applications and Sales

Nil.

Description: **Brian Jack**, Western Flora, Coorow, WA.

Details of Application

Application Number	2011/089
Variety Name	'WX 74'
Genus Species	<i>Chamelaucium</i> hybrid
Common Name	Waxflower
Synonym	Nil
Accepted Date	25 May 2011
Applicant	Western Australian Agriculture Authority, Bentley, WA
Agent	N/A
Qualified Person	Philip Watkins

Details of Comparative Trial

Location	Department of Agriculture, South Perth, WA
Descriptor	Waxflower (<i>Chamelaucium</i>) TG/225/1 Corr
Period	Sept 2010 - Sept 2012
Conditions	Plants propagated by cuttings, planted in containers and grown in open nursery conditions with drip irrigation and fertigation.
Trial Design	10 plants of each variety, replicated randomised block design.
Measurements	made on 10 typical organs from all plants.
RHS Chart - edition	1986 and 2001

Origin and Breeding

Open pollination: *Chamelaucium megalopetalum* 'CM12.1-4' (maternal parent) was pollinated by an unknown parent but expected to be 'Alba' which was growing in close proximity at WA Department of Food and Agriculture Medina Research Station. An embryo was excised from resulting fruit produced in August 2000 and germinated in vitro. Resulting seedling was subcultured in tissue culture 4 times, deflasked, hardened and planted in the field at Medina Research Station in May 2001. Following flowering in June 2002, seedling was vegetatively propagated via cuttings and a second generation of cuttings taken in 2009. Growth and flowering records of the generations were recorded during period 2002 to 2010. No off types were recorded and all plants were found to be uniform and stable. Breeder: State of Western Australia through its Department of Agriculture and Food.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower bud	colour of apex	white
Flower	type	single
Flower	diameter	medium
Flower	arrangements of petals	free
Petal	undulation of margin	weak
Style	colour	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'WX 87'	
'Crystal Pearl'	
'Ivory Pearl'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'WX 56'	Receptacle colour on day of opening of flower	medium green	yellow green	

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	'WX 74'	'Crystal Pearl'	'Ivory Pearl'	'WX 87'
<input checked="" type="checkbox"/> Leaf: attitude in relation to stem	erect	erect to semi erect	semi erect	erect
<input checked="" type="checkbox"/> Leaf: length	short	medium	medium	short
<input type="checkbox"/> Leaf: shape in cross section	triangular	triangular	rounded	triangular
<input type="checkbox"/> Flowering branch: angle of axillary shoot	small to medium	small to medium	small to medium	small
<input type="checkbox"/> Flowering branch: location of flowers	both axillary and terminal	both axillary and terminal	both axillary and terminal	both axillary and terminal
<input type="checkbox"/> Flower bud: colour of apex	white	white	white	white
<input type="checkbox"/> *Flower: type	single	single	single	single
<input type="checkbox"/> *Flower: diameter	medium	medium	medium	medium
<input type="checkbox"/> Flower: arrangements of petals	free	free	free	free
<input type="checkbox"/> Flower: attitude of petals on day of opening	semi erect	semi erect	semi erect	semi erect
<input type="checkbox"/> Flower: attitude of petals 4 weeks after opening	semi erect	semi erect	semi erect	semi erect
<input type="checkbox"/> Flower: length of sepal in relation to length of petal	less than one third	less than one third	less than one third	less than one third
<input type="checkbox"/> *Flower: main colour of petals on day of opening (RHS Colour Chart)	155A	155A	155A	155A
<input type="checkbox"/> *Flower: main colour of petals 10-14 days after opening (RHS Colour Chart)	155B-C	155B-C	155B-C	NN155B-C
<input type="checkbox"/> *Flower: main colour of petals 4 weeks after opening (RHS Colour Chart)	155C	155C	155C	NN155B-C
<input checked="" type="checkbox"/> Pedicel: length	short	short	long	long

<input type="checkbox"/>	Hypanthium: conspicuousness of longitudinal furrowing	weak	weak	weak	weak
<input type="checkbox"/>	Hypanthium: shape	obconical	obconical	obconical	obconical
<input type="checkbox"/>	Hypanthium: diameter at widest part	medium	medium	medium	medium
<input checked="" type="checkbox"/>	Hypanthium: main colour at middle part	green	green	green	yellow
<input type="checkbox"/>	*Sepal: incision of margin	absent	absent	absent	absent
<input type="checkbox"/>	Petal: ratio length/width	as long as broad	as long as broad	as long as broad	as long as broad
<input type="checkbox"/>	Petal: undulation of margin	weak	weak	weak	weak
<input type="checkbox"/>	Stamen collar: colour at opening of flower	white	white	white	white
<input type="checkbox"/>	Stamen collar: colour 10-14 days after opening of flower	white	white	white	white
<input checked="" type="checkbox"/>	Receptacle: colour on day of opening of flower	medium green	light green	light green	yellow green
<input checked="" type="checkbox"/>	Receptacle: colour 4 weeks after opening of flower	medium green	light green	medium green	yellow green
<input type="checkbox"/>	Style: colour	white	white	white	white
<input checked="" type="checkbox"/>	Time of: beginning of flowering	medium	early	medium	medium to late

Statistical Table

Organ/Plant Part: Context	'WX 74'	'Crystal Pearl'	'Ivory Pearl'	'WX 87'
<input checked="" type="checkbox"/> Leaf: length(mm)				
Mean	13.55	16.90	18.90	12.45
Std. Deviation	0.76	0.88	1.73	0.64
Lsd/sig	0.61	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: diameter(mm)				
Mean	18.10	17.35	21.10	18.45
Std. Deviation	0.39	0.47	0.74	0.50
Lsd/sig	0.12	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **Philip Watkins** Singleton WA

Details of Application

Application Number	2009/122
Variety Name	'Strawberry Surprise'
Genus Species	<i>Chamelaucium</i> hybrid
Common Name	Waxflower
Synonym	Nil
Accepted Date	26 Jun 2009
Applicant	Goldsash Pty Ltd, West Swan, WA
Agent	Western Flora, Coorow, WA
Qualified Person	Brian Jack

Details of Comparative Trial

Location	Western Flora, Coorow, WA.
Descriptor	Waxflower (<i>Chamelaucium</i> and hybrids with <i>Verticordia plumosa</i>) (UPOV TG/225/1/ Corr.)
Period	2011-12
Conditions	Planted in 125 mm pots in November 2011. Growing media local sand, peat moss, Perlite mixture with slow release fertiliser with pH 6.5. Pots placed in shade house with 70% shade, drip irrigation with 1x 4L/hour dripper per pot. Insect and other pest control was carried out when necessary.
Trial Design	10 pots of each variety per row with rows 300mm apart.
Measurements	Taken in accordance with UPOV technical guideline.
RHS Chart - edition	1986 edition

Origin and Breeding

Open pollination followed by seedling selection: this variety was selected from a row of open-pollinated seedlings in Western Flora's Waxflower breeding facility at Coorow, Western Australia. The probable parents 'Purple Pride' and 'Sweet Georgia'. The resulting seedling was selected for its erect habit, dense conical flower heads with unusual petal colour; staminode having the appearance of petals. Cuttings were taken for further breeding and selection and no offtypes were found after five cycles of selection. Breeder: Brian Jack, Western Flora, Coorow, Western 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
Flower	main colour of petals 10-14 days after opening	purple
Flower	main colour of petals 4 weeks after opening	purple
Flower	type	single
Sepal	incision of margin	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jurien Brook'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Chantilly Lace'	Flower	main colour of petals	purple	white	this variety has petaloid stamens but excluded because of white flower colour
'Purple Pride'	Flower	petaloid stamens	large	small	Putative parent having purple flower colour
'Sweet Georgia'	Flower	petaloid stamens	large	small	Putative parent having white flower colour
'Teina's Delight'	Flower	petaloid stamens	large	absent	
'Pixie'	Flower	petaloid stamens	large	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	'Strawberry Surprise'	'Jurien Brook'
<input type="checkbox"/> Leaf: attitude in relation to stem	semi erect	semi erect
<input type="checkbox"/> Leaf: length	short to medium	medium
<input type="checkbox"/> Leaf: shape in cross section	rounded	rounded
<input type="checkbox"/> Flowering branch: angle of axillary shoot	medium	medium
<input type="checkbox"/> Flowering branch: location of flowers	both axillary and terminal	both axillary and terminal
<input type="checkbox"/> Flower bud: colour of apex	pink	pink
<input type="checkbox"/> *Flower: type	single	single
<input checked="" type="checkbox"/> *Flower: diameter	small	medium to large
<input type="checkbox"/> Flower: arrangements of petals	free	free
<input type="checkbox"/> Flower: attitude of petals on day of opening	semi erect	semi erect to horizontal
<input type="checkbox"/> Flower: attitude of petals 4 weeks after opening	semi erect	semi erect to horizontal
<input type="checkbox"/> Flower: length of sepal in relation to length of petal	less than one third	less than one third
<input checked="" type="checkbox"/> *Flower: main colour of petals on day of opening (RHS Colour Chart)	65A	76A
<input checked="" type="checkbox"/> *Flower: main colour of petals 10-14 days after opening (RHS Colour Chart)	80B	77B-C

<input checked="" type="checkbox"/>	*Flower: main colour of petals 4 weeks after opening (RHS Colour Chart)	80A	77B
<input type="checkbox"/>	Pedice: length	medium	medium
<input type="checkbox"/>	Hypanthium: conspicuousness of longitudinal furrowing	medium	medium
<input type="checkbox"/>	Hypanthium: shape	obconical	obconical
<input type="checkbox"/>	Hypanthium: diameter at widest part	small	small to medium
<input type="checkbox"/>	Hypanthium: main colour at middle part	yellow	yellow
<input type="checkbox"/>	*Sepal: incision of margin	absent	absent
<input type="checkbox"/>	Petal: ratio length/width	broader than long	broader than long
<input type="checkbox"/>	Petal: undulation of margin	weak	absent or very weak
<input checked="" type="checkbox"/>	Stamen collar: colour at opening of flower	white	pink
<input type="checkbox"/>	Stamen collar: colour 10-14 days after opening of flower	white	white
<input type="checkbox"/>	Receptacle: colour on day of opening of flower	light green	yellow green
<input checked="" type="checkbox"/>	Receptacle: colour 4 weeks after opening of flower	light green	red purple
<input checked="" type="checkbox"/>	Style: colour	pink	purple
<input type="checkbox"/>	Time of: beginning of flowering	medium	medium
<u>Characteristics Additional to the Descriptor/TG</u>			
Organ/Plant Part: Context		‘Strawberry Surprise’	‘Jurien Brook’
<input checked="" type="checkbox"/>	Flower: petaloid stamens	present	absent

Prior Applications and Sales

Nil.

Description: **Brian Jack**, Western Flora, Coorow, WA.

Details of Application

Application Number	2011/087
Variety Name	'WX 56'
Genus Species	<i>Chamelaucium megalopetalum</i> X <i>c.uncinatum</i>
Common Name	Waxflower
Synonym	Nil
Accepted Date	25 May 2011
Applicant	Western Australian Agriculture Authority, Bentley, WA
Agent	N/A
Qualified Person	Philip Watkins

Details of Comparative Trial

Location	Department of Agriculture, South Perth, WA
Descriptor	Waxflower (<i>Chamelaucium</i>) TG/225/1 Corr
Period	Sept 2010 - Sept 2012
Conditions	Plants propagated by cuttings, planted in containers and grown in open nursery conditions with drip irrigation and fertigation.
Trial Design	10 plants of each variety, replicated randomised block design.
Measurements	made on 10 typical organs from all plants.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: *Chamelaucium megalopetalum* 'CM 5.5' (maternal parent) was crossed with *C. uncinatum* '827/887-8' at WA Department of Food and Agriculture Medina Research Station. An embryo was excised from resulting fruit produced in 2000 and germinated in vitro. Resulting seedling was subcultured in tissue culture 4 times, deflasked, hardened and planted in the field at Medina Research Station in May 2001. Following flowering in July 2002 seedling was vegetatively propagated via cuttings and a second generation of cuttings taken in March 2003. A subsequent generation was propagated vegetatively in 2009. Growth and flowering records of the generations were recorded during period 2002 to 2005 and again in 2010. No off types were recorded and all plants were found to be uniform and stable. Breeder: State of Western Australia through its Department of Agriculture and Food.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	type	single
Flower	diameter	medium
Flower	arrangements of petals	free
Flower	attitude of petals	semi erect
Hypanthium	shape	obconical
Sepal	incision of margin	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'WX58'	
'Purple Gem'	

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	‘WX 56’	‘Purple Gem’	‘WX58’
<input checked="" type="checkbox"/> Leaf: attitude in relation to stem	erect	semi erect	erect to semi erect
<input checked="" type="checkbox"/> Leaf: length	short to medium	short	very short to short
<input type="checkbox"/> Leaf: shape in cross section	triangular	rounded	triangular
<input checked="" type="checkbox"/> Flowering branch: angle of axillary shoot	small	large	small
<input checked="" type="checkbox"/> Flowering branch: location of flowers	terminal only	both axillary and terminal	terminal only
<input checked="" type="checkbox"/> Flower bud: colour of apex	white	pink	white
<input type="checkbox"/> *Flower: type	single	single	single
<input type="checkbox"/> *Flower: diameter	medium	medium	medium
<input type="checkbox"/> Flower: arrangements of petals	free	free	free
<input type="checkbox"/> Flower: attitude of petals on day of opening	semi erect	semi erect	semi erect
<input type="checkbox"/> Flower: attitude of petals 4 weeks after opening	semi erect	semi erect	semi erect
<input type="checkbox"/> Flower: length of sepal in relation to length of petal	less than one third	less than one third	less than one third
<input type="checkbox"/> *Flower: main colour of petals on day of opening (RHS Colour Chart)	155D	155D and 75D	155D
<input checked="" type="checkbox"/> *Flower: main colour of petals 10-14 days after opening (RHS Colour Chart)	68C	75D	68AB
<input checked="" type="checkbox"/> *Flower: main colour of petals 4 weeks after opening (RHS Colour Chart)	64A	72D	59A
<input checked="" type="checkbox"/> Pedicel: length	long	short	long
<input type="checkbox"/> Hypanthium: conspicuousness of longitudinal furrowing	weak	weak	weak
<input type="checkbox"/> Hypanthium: shape	obconical	obconical	obconical
<input type="checkbox"/> Hypanthium: diameter at widest part	medium	medium	medium
<input type="checkbox"/> Hypanthium: main colour at middle part	green	green	green
<input type="checkbox"/> *Sepal: incision of margin	absent	absent	absent
<input type="checkbox"/> Petal: ratio length/width	broader than long	as long as broad	as long as broad
<input type="checkbox"/> Petal: undulation of margin	absent or very weak	weak	absent or very weak

<input checked="" type="checkbox"/>	Stamen collar: colour at opening of flower	white	pink	white
<input type="checkbox"/>	Stamen collar: colour 10-14 days after opening of flower	pink	pink	pink
<input type="checkbox"/>	Receptacle: colour on day of opening of flower	yellow green	yellow green	yellow green
<input checked="" type="checkbox"/>	Receptacle: colour 4 weeks after opening of flower	medium green	red brown	red brown
<input checked="" type="checkbox"/>	Style: colour	white	pink	pink
<input type="checkbox"/>	Time of: beginning of flowering	medium	early to medium	medium

Statistical Table**Organ/Plant Part: Context****‘WX 56’****‘Purple Gem’****‘WX58’**

<input checked="" type="checkbox"/>	Leaf: length (mm)			
	Mean	12.75	11.50	10.60
	Std. Deviation	1.06	0.41	0.39
	LSD/sig	0.85	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Flower: diameter (mm)			
	Mean	15.50	19.15	18.40
	Std. Deviation	0.53	0.67	0.46
	LSD/sig	0.425	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **Philip Watkins** Singleton WA

Details of Application

Application Number	2011/090
Variety Name	'WX 58'
Genus Species	<i>Chamelaucium megalopetalum</i> x <i>c.uncinatum</i>
Common Name	Waxflower
Synonym	Nil
Accepted Date	25 May 2011
Applicant	Western Australian Agriculture Authority, Bentley, WA
Agent	N/A
Qualified Person	Philip Watkins

Details of Comparative Trial

Location	Department of Agriculture, South Perth, WA
Descriptor	Waxflower (<i>Chamelaucium</i>) TG/225/1 Corr
Period	Sept 2010 - Sept 2012
Conditions	Plants propagated by cuttings, planted in containers and grown in open nursery with drip irrigation and fertigation.
Trial Design	10 plants of each variety, replicated randomised block design.
Measurements	made on 10 typical organs from all plants
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: *Chamelaucium megalopetalum* 'MB5.5' (maternal parent) was crossed with *C. uncinatum* '827/887-8' at WA Department of Food and Agriculture Medina Research Station. An embryo was excised from resulting fruit produced in 2000 and germinated in vitro. Resulting seedling was subcultured in tissue culture 4 times, deflasked, hardened and planted in the field at Medina Research Station in May 2001. Following flowering in July 2002 seedling was vegetatively propagated via cuttings and a second generation of cuttings taken in Feb-April 2003. A subsequent generation was propagated vegetatively in 2007. Growth and flowering records of the generations were recorded during period 2002 to 2009. No off types were recorded and all plants were found to be uniform and stable. Breeder: State of Western Australia through its Department of Agriculture and Food.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	type	single
Flower	diameter	medium
Flower	arrangements of petals	free
Flower	attitude of petals	semi erect
Hypanthium	shape	obconical
Sepal	incision of margin	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'WX 56'	
'Purple Gem'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'WX 87'	Style	colour	pink	white	
'WX 74'	Style	colour	pink	white	

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

Organ/Plant Part: Context	'WX 58'	'Purple Gem'	'WX 56'
<input type="checkbox"/> Leaf: attitude in relation to stem	erect to semi erect	semi erect	erect
<input checked="" type="checkbox"/> Leaf: length	very short to short	short	short to medium
<input type="checkbox"/> Leaf: shape in cross section	triangular	rounded	triangular
<input checked="" type="checkbox"/> Flowering branch: angle of axillary shoot	small	large	small
<input checked="" type="checkbox"/> Flowering branch: location of flowers	terminal only	both axillary and terminal	terminal only
<input checked="" type="checkbox"/> Flower bud: colour of apex	white	pink	white
<input type="checkbox"/> *Flower: type	single	single	single
<input type="checkbox"/> *Flower: diameter	medium	medium	medium
<input type="checkbox"/> Flower: arrangements of petals	free	free	free
<input type="checkbox"/> Flower: attitude of petals on day of opening	semi erect	semi erect	semi erect
<input type="checkbox"/> Flower: attitude of petals 4 weeks after opening	semi erect	semi erect	semi erect
<input type="checkbox"/> Flower: length of sepal in relation to length of petal	less than one third	less than one third	less than one third
<input type="checkbox"/> *Flower: main colour of petals on day of opening (RHS Colour Chart)	155D	155D and 75D	155D
<input checked="" type="checkbox"/> *Flower: main colour of petals 10-14 days after opening (RHS Colour Chart)	68A - B	75D	68C
<input checked="" type="checkbox"/> *Flower: main colour of petals 4 weeks after opening (RHS Colour Chart)	59A	72D	64A
<input checked="" type="checkbox"/> Pedicel: length	long	short	long
<input type="checkbox"/> Hypanthium: conspicuousness of longitudinal furrowing	weak	weak	weak
<input type="checkbox"/> Hypanthium: shape	obconical	obconical	obconical
<input type="checkbox"/> Hypanthium: diameter at widest part	medium	medium	medium
<input type="checkbox"/> Hypanthium: main colour at middle part	green	green	green
<input type="checkbox"/> *Sepal: incision of margin	absent	absent	absent

<input type="checkbox"/>	Petal: ratio length/width	as long as broad	as long as broad	broader than long
<input type="checkbox"/>	Petal: undulation of margin	absent or very weak	weak	absent or very weak
<input checked="" type="checkbox"/>	Stamen collar: colour at opening of flower	white	pink	white
<input type="checkbox"/>	Stamen collar: colour 10-14 days after opening of flower	pink	pink	pink
<input type="checkbox"/>	Receptacle: colour on day of opening of flower	yellow green	yellow green	yellow green
<input checked="" type="checkbox"/>	Receptacle: colour 4 weeks after opening of flower	red brown	red brown	medium green
<input checked="" type="checkbox"/>	Style: colour	pink	pink	white
<input type="checkbox"/>	Time of: beginning of flowering	medium	early to medium	medium

Statistical Table

Organ/Plant Part: Context	‘WX 58’	‘Purple Gem’	‘WX56’
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	10.60	11.50	12.75
Std. Deviation	0.39	0.41	1.06
LSD/sig	0.31	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: diameter (mm)			
Mean	18.40	19.15	15.50
Std. Deviation	0.46	0.67	0.53
LSD/sig	0.37	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **Philip Watkins** Singleton WA

Details of Application

Application Number	2012/055
Variety Name	'WF MIM 5'
Genus Species	<i>Chamelaucium uncinatum</i>
Common Name	Waxflower
Synonym	Mim 5
Accepted Date	21 May 2012
Applicant	Goldsash Pty Ltd, West Swan, WA
Agent	Western Flora, Coorow, WA
Qualified Person	Brian Jack

Details of Comparative Trial

Location	Western Flora, Coorow, WA.
Descriptor	Waxflower (<i>Chamelaucium</i> and hybrids with <i>Verticordia plumosa</i>) (UPOV TG/225/1/ Corr.)
Period	2011-12
Conditions	Planted in 125 mm pots in November 2011. Growing media local sand, peat moss, Perlite mixture with slow release fertiliser with pH 6.5. Plants were placed in shade house with 70% shade. Pots 300mm apart. Drip irrigation with 1x 4L/hour dripper per pot. Insect and other pest control was carried out when necessary.
Trial Design	10 pots of each variety per row with rows 300mm apart.
Measurements	Taken in accordance with UPOV technical guideline.
RHS Chart - edition	1986 edition

Origin and Breeding

Open pollination followed by seedling selection: The variety was selected from a stand of 'Mullering Brook' seedlings at Mullering Brook. The variety was distinctive by its apparent double flower and overlapping petals. Cuttings were collected and propagated for breeding and plantation trialling. Cuttings were taken for further breeding and selection and no offtypes were found after fifteen cycles of selection. Breeder: Brian Jack, Western Flora, Coorow, Western 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
Flower	main colour of petals 10-14 days after opening	purple
Flower	main colour of petals 4 weeks after opening	purple
Flower	type	single
Sepal	incision of margin	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jurien Brook'	
'Strawberry Surprise'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Chantilly Lace'	Flower main colour of petals	purple	white	this variety has petaloid stamens but excluded because of white flower colour
'Lilac Spring'	Flower arrangements of petals	overlapping	free	
'Mullering Brook'	Flower stamens	absent	present	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	'WF MIM 5'	'Strawberry Surprise'	'Jurien Brook'
<input type="checkbox"/> Leaf: attitude in relation to stem	semi erect	semi erect	semi erect
<input type="checkbox"/> Leaf: length	short to medium	short to medium	medium
<input type="checkbox"/> Leaf: shape in cross section	rounded	rounded	rounded
<input type="checkbox"/> Flowering branch: angle of axillary shoot	medium	medium	medium
<input type="checkbox"/> Flowering branch: location of flowers	both axillary and terminal	both axillary and terminal	both axillary and terminal
<input type="checkbox"/> Flower bud: colour of apex	pink	pink	pink
<input type="checkbox"/> *Flower: type	single	single	single
<input checked="" type="checkbox"/> *Flower: diameter	very small to small	small	medium to large
<input checked="" type="checkbox"/> Flower: arrangements of petals	overlapping	free	free
<input type="checkbox"/> Flower: attitude of petals on day of opening	erect to semi erect	semi erect	semi erect to horizontal
<input type="checkbox"/> Flower: attitude of petals 4 weeks after opening	semi erect	semi erect	semi erect to horizontal
<input type="checkbox"/> Flower: length of sepal in relation to length of petal	less than one third	less than one third	less than one third
<input checked="" type="checkbox"/> *Flower: main colour of petals on day of opening (RHS Colour Chart)	84A	65A	76A
<input checked="" type="checkbox"/> *Flower: main colour of petals 10-14 days after opening (RHS Colour Chart)	84C	80B	77B-C

<input checked="" type="checkbox"/>	*Flower: main colour of petals 4 weeks after opening (RHS Colour Chart)	84D	80A	77B
<input type="checkbox"/>	Pedicel: length	medium	medium	medium
<input checked="" type="checkbox"/>	Hypanthium: conspicuousness of longitudinal furrowing	weak	medium	medium
<input type="checkbox"/>	Hypanthium: shape	obconical	obconical	obconical
<input type="checkbox"/>	Hypanthium: diameter at widest part	small	small	small to medium
<input checked="" type="checkbox"/>	Hypanthium: main colour at middle part	green	yellow	yellow
<input type="checkbox"/>	*Sepal: incision of margin	absent	absent	absent
<input type="checkbox"/>	Petal: ratio length/width	broader than long	broader than long	broader than long
<input type="checkbox"/>	Petal: undulation of margin	medium to strong	weak	absent or very weak
<input checked="" type="checkbox"/>	Stamen collar: colour at opening of flower	white	white	pink
<input type="checkbox"/>	Stamen collar: colour 10-14 days after opening of flower	white	white	white
<input type="checkbox"/>	Receptacle: colour on day of opening of flower	pink red	light green	yellow green
<input checked="" type="checkbox"/>	Receptacle: colour 4 weeks after opening of flower	pink	light green	red purple
<input checked="" type="checkbox"/>	Style: colour	white	pink	purple
<input checked="" type="checkbox"/>	Time of: beginning of flowering	very late	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘WF MIM 5’	‘Strawberry Surprise’	‘Jurien Brook’
<input checked="" type="checkbox"/> Flower: stamens	absent	present	present

Prior Applications and Sales

Nil.

Description: **Brian Jack**, Western Flora, Coorow, WA.

Details of Application

Application Number	2011/088
Variety Name	'WX 87'
Genus Species	<i>Chamelaucium uncinatum</i> x <i>C. megalopetalum</i>
Common Name	Waxflower
Synonym	Nil
Accepted Date	26 May 2011
Applicant	Western Australian Agriculture Authority, Bentley, WA
Agent	N/A
Qualified Person	Philip Watkins

Details of Comparative Trial

Location	Department of Agriculture, South Perth, WA
Descriptor	Waxflower (<i>Chamelaucium</i>) TG/225/1 Corr
Period	Sept 2010 - Sept 2012
Conditions	Plants propagated by cuttings, planted in containers and grown in open nursery conditions with drip irrigation and fertigation.
Trial Design	10 plants of each variety, replicated randomised block design.
Measurements	made on 10 typical organs from all plants.
RHS Chart - edition	1986 and 2001

Origin and Breeding

Controlled pollination: *Chamelaucium uncinatum* 'BP Pale' (maternal parent) was pollinated by *C. megalopetalum* 'CM 11.1' at WA Department of Food and Agriculture Medina Research Station. An embryo was excised from resulting fruit produced in November 2001 and germinated in vitro. Resulting seedling was subcultured in tissue culture 4 times, deflasked, hardened and planted in the field at Medina Research Station in July 2002. Following flowering in August 2003, seedling was vegetatively propagated via cuttings and a second generation of cuttings taken in 2009. Growth and flowering records of the generations were recorded during period 2003 to 2010. No off types were recorded and all plants were found to be uniform and stable. Breeder: State of Western Australia through its Department of Agriculture and Food.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	type	single
Flower	diameter	medium
Flower	arrangements of petals	free
Flower	attitude of petals	semi erect
Hypanthium	shape	obconical
Sepal	incision of margin	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'WX 74'	
'Ivory Pearl'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'WX 56'	Hypanthium main colour at middle part	yellow	green	

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	'WX 87'	'Ivory Pearl'	'WX 74'
<input checked="" type="checkbox"/> Leaf: attitude in relation to stem	erect	semi erect	erect
<input checked="" type="checkbox"/> Leaf: length	short	medium	short
<input type="checkbox"/> Leaf: shape in cross section	triangular	rounded	triangular
<input type="checkbox"/> Flowering branch: angle of axillary shoot	small	small to medium	small to medium
<input type="checkbox"/> Flowering branch: location of flowers	both axillary and terminal	both axillary and terminal	both axillary and terminal
<input type="checkbox"/> Flower bud: colour of apex	white	white	white
<input type="checkbox"/> *Flower: type	single	single	single
<input type="checkbox"/> *Flower: diameter	medium	medium	medium
<input type="checkbox"/> Flower: arrangements of petals	free	free	free
<input type="checkbox"/> Flower: attitude of petals on day of opening	semi erect	semi erect	semi erect
<input type="checkbox"/> Flower: attitude of petals 4 weeks after opening	semi erect	semi erect	semi erect
<input type="checkbox"/> Flower: length of sepal in relation to length of petal	less than one third	less than one third	less than one third
<input type="checkbox"/> *Flower: main colour of petals on day of opening (RHS Colour Chart)	155A	155A	155A
<input checked="" type="checkbox"/> *Flower: main colour of petals 10-14 days after opening (RHS Colour Chart)	NN155B-C	155B-C	155B-C
<input checked="" type="checkbox"/> *Flower: main colour of petals 4 weeks after opening (RHS Colour Chart)	NN155B-C	155C	155C
<input checked="" type="checkbox"/> Pedicel: length	long	long	short
<input type="checkbox"/> Hypanthium: conspicuousness of longitudinal furrowing	weak	weak	weak
<input type="checkbox"/> Hypanthium: shape	obconical	obconical	obconical
<input type="checkbox"/> Hypanthium: diameter at widest part	medium	medium	medium
<input checked="" type="checkbox"/> Hypanthium: main colour at middle	yellow	green	green

part				
<input type="checkbox"/>	*Sepal: incision of margin	absent	absent	absent
<input type="checkbox"/>	Petal: ratio length/width	as long as broad	as long as broad	as long as broad
<input type="checkbox"/>	Petal: undulation of margin	weak	weak	weak
<input type="checkbox"/>	Stamen collar: colour at opening of flower	white	white	white
<input type="checkbox"/>	Stamen collar: colour 10-14 days after opening of flower	white	white	white
<input checked="" type="checkbox"/>	Receptacle: colour on day of opening of flower	yellow green	light green	medium green
<input checked="" type="checkbox"/>	Receptacle: colour 4 weeks after opening of flower	yellow green	medium green	medium green
<input type="checkbox"/>	Style: colour	white	white	white
<input type="checkbox"/>	Time of: beginning of flowering	medium to late	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘WX 87’	‘Ivory Pearl’	‘WX 74’
<input checked="" type="checkbox"/> Receptacle: colour day 1	yellow	light green	medium green
<input checked="" type="checkbox"/> Receptacle: colour day 28	yellow	medium green	medium green

Statistical Table

Organ/Plant Part: Context	‘WX 87’	‘Ivory Pearl’	‘WX 74’
<input checked="" type="checkbox"/> Flower : diameter (mm)			
Mean	18.45	21.10	18.10
Std. Deviation	0.50	0.74	0.39
Lsd/sig	0.40	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: length(mm)			
Mean	12.45	18.90	13.55
Std. Deviation	0.64	1.73	0.76
Lsd/sig	0.51	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **Philip Watkins** Singleton WA

GRANTS

Actinidia chinensis

KIWIFRUIT

‘Y368’^ϕ

Application No: 2007/101

Applicant: **Donald Alfred Skelton**

Certificate No: 4472 Expiry Date: 18 September, 2032.

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

Agave attenuata

AGAVE

‘AGAVWS’^ϕ syn **Silver Trim**^ϕ

Application No: 2010/121

Applicant: **Lifetech Laboratories Ltd**

Certificate No: 4443 Expiry Date: 27 July, 2032.

Agent: **Greenhill's Propagation Nursery Pty Ltd**, Tynong,, VIC.

Anigozanthos hybrid

KANGAROO PAW

‘Amber Velvet’^ϕ

Application No: 2005/047

Applicant: **George A Lullfitz**

Certificate No: 4450 Expiry Date: 22 August, 2032.

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

‘Rambubona’^ϕ syn **Bush Bonanza**^ϕ

Application No: 2007/295

Applicant: **Ramm Botanicals Holdings Pty Ltd**

Certificate No: 4473 Expiry Date: 18 September, 2032.

‘Rambudan’^ϕ syn **Bush Dance**^ϕ

Application No: 2007/293

Applicant: **Ramm Botanicals Holdings Pty Ltd**

Certificate No: 4471 Expiry Date: 17 September, 2032.

Brachiaria ruziziensis x *decumbens* x *brizantha*

BRACHIARIA HYBRID

‘HSBR101’^ϕ

Application No: 2009/331

Applicant: **Centro Internacional de Agricultura Tropical (CIAT)**

Certificate No: 4457 Expiry Date: 27 August, 2032.

Agent: **Heritage Seeds Pty Ltd**, Dandenong South,, VIC.

‘HSBR102’^ϕ

Application No: 2009/332

Applicant: **Centro Internacional de Agricultura Tropical (CIAT)**

Certificate No: 4456 Expiry Date: 27 August, 2032.

Agent: **Heritage Seeds Pty Ltd**, Dandenong South,, VIC.

‘HSBR103’^ϕ

Application No: 2009/333

Applicant: **Centro Internacional de Agricultura Tropical (CIAT)**

Certificate No: 4455 Expiry Date: 27 August, 2032.

Agent: **Heritage Seeds Pty Ltd**, Dandenong South,, VIC.

‘HSBR104’^ϕ

Application No: 2009/334

Applicant: **Centro Internacional de Agricultura Tropical (CIAT)**

Certificate No: 4454 Expiry Date: 27 August, 2032.

Agent: **Heritage Seeds Pty Ltd**, Dandenong South,, VIC.

Dahlia hybrid

DAHLIA

‘Knockout’^ϕ syn Mystic Sun^ϕ

Application No: 2007/321

Applicant: **Dr Keith Hammett**

Certificate No: 4460 Expiry Date: 3 September, 2032.

Agent: **Greenhills Propagation Nursery P/L**, Tynong,, Vic.

Dahlia variabilis

DAHLIA

‘Zone Ten’^ϕ syn Mystic Star^ϕ

Application No: 2007/038

Applicant: **Dr Keith Hammett**

Certificate No: 4461 Expiry Date: 5 September, 2032.
Agent: **Greenhills Propagation Nursery P/L**, Tynong,, Vic.

Fragaria xananassa

STRAWBERRY

‘DrisStrawNine’^ϕ

Application No: 2009/293
Applicant: **Driscoll Strawberry Associates, Inc**
Certificate No: 4452 Expiry Date: 21 August, 2032.
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne,, VIC.

‘PS-5298’^ϕ syn BLISS^ϕ

Application No: 2008/056
Applicant: **Plant Sciences Inc and Berry R&D Inc.**
Certificate No: 4453 Expiry Date: 27 August, 2032.
Agent: **WATERMARK Patent and Trademark Attorneys**, Hawthorn,, VIC.

‘SweetEve’^ϕ

Application No: 2010/124
Applicant: **Edward Vinson Limited**
Certificate No: 4441 Expiry Date: 25 July, 2032.
Agent: **Red Jewel Fruit Management Pty Ltd**, Ballandean, QLD.

‘VALOR’^ϕ

Application No: 2008/300
Applicant: **Plant Sciences Inc and Berry R&D Inc.**
Certificate No: 4459 Expiry Date: 29 August, 2032.
Agent: **Watermark Patent and Trademark Attorneys**, Hawthorn, VIC.

‘BG-1975’^ϕ syn Virtue^ϕ

Application No: 2009/326
Applicant: **Berry Genetics, Inc.**
Certificate No: 4458 Expiry Date: 28 August, 2032.
Agent: **Watermark Patent and Trademark Attorneys**, Hawthorn, Vic.

‘BG-959’^ϕ syn AUS-SPLENDOR^ϕ

Application No: 2009/325
Applicant: **Berry Genetics, Inc.**
Certificate No: 4444 Expiry Date: 30 July, 2032.
Agent: **Watermark Patent and Trademark Attorneys**, Hawthorn, Vic.

Grevillea hybrid

GREVILLEA

‘TWD01’^ϕ

Application No: 2010/281

Applicant: **Tarrowood Native Nursery**

Certificate No: 4442 Expiry Date: 27 July, 2032.

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

Helleborus hybrid

WINTER ROSE

‘WinterSunshine’^ϕ

Application No: 2010/282

Applicant: **Roger Harvey**

Certificate No: 4446 Expiry Date: 10 August, 2032.

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

Malus domestica

APPLE

‘PremA280’^ϕ

Application No: 2009/142

Applicant: **Prevar Limited**

Certificate No: 4445 Expiry Date: 30 July, 2037.

Agent: **Australian Nurseryman's Fruit Improvement Company Limited**, Kallangur, QLD.

Osteospermum ecklonis

CAPE DAISY

‘Balvoyelo’^ϕ

Application No: 2011/129

Applicant: **Ball Horticultural Company**

Certificate No: 4468 Expiry Date: 11 September, 2032.

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

Petunia

PETUNIA

‘Balperblues’^ϕ **syn Rhythm and Blues**^ϕ

Application No: 2009/156

Applicant: **Ball Horticultural Company**
Certificate No: 4467 Expiry Date: 11 September, 2032.
Agent: **Ball Australia Pty. Ltd.**, Keysborough, VIC.

Ptilotus hybrid

PTILOTUS

‘B123’^ϕ

Application No: 2011/172
Applicant: **The University of Queensland**
Certificate No: 4469 Expiry Date: 12 September, 2032.
Agent: **Fisher Adams Kelly**, Brisbane, QLD.

Pyrus communis

EUROPEAN PEAR

‘Golden Belle’^ϕ

Application No: 2001/114
Applicant: **Antonio Alampi**
Certificate No: 4447 Expiry Date: 16 August, 2037.

Rosa hybrid

ROSE

‘Grandakerue’^ϕ

Application No: 2009/289
Applicant: **Mr H Schreuders**
Certificate No: 4451 Expiry Date: 21 August, 2032.
Agent: **Grandiflora Nurseries Pty Ltd**, SKYE, VIC.

‘Meijacolet’^ϕ

Application No: 2003/075
Applicant: **Meilland International S.A.**
Certificate No: 4449 Expiry Date: 20 August, 2032.
Agent: **Kim Syrus**, MYPONGA, SA.

‘Olijbrau’^ϕ

Application No: 1999/158
Applicant: **Meilland Star Rose**
Certificate No: 4448 Expiry Date: 20 August, 2032.
Agent: **Kim Syrus**, MYPONGA, SA.

Syzygium australe

LILLY PILLY

‘Golden Hedge’^ϕ syn Little Ruffles^ϕ

Application No: 2010/022

Applicant: **Lloyd William Vagg**

Certificate No: 4462 Expiry Date: 4 September, 2037.

Agent: **Bush Garden Nursery Pty Ltd**, Upper Caboolture, Qld.

Triticum aestivum

WHEAT

‘Both’^ϕ syn DC005^ϕ

Application No: 2009/247

Applicant: **David Seth Cooper**

Certificate No: 4440 Expiry Date: 24 July, 2032.

‘Corack’^ϕ

Application No: 2011/207

Applicant: **Australian Grain Technologies Pty Ltd**

Certificate No: 4465 Expiry Date: 6 September, 2032.

‘Elmore CL Plus’^ϕ

Application No: 2011/210

Applicant: **Australian Grain Technologies Pty Ltd**

Certificate No: 4470 Expiry Date: 7 September, 2032.

‘Suntop’^ϕ

Application No: 2011/205

Applicant: **Australian Grain Technologies Pty Ltd**

Certificate No: 4464 Expiry Date: 6 September, 2032.

‘Wallup’^ϕ

Application No: 2011/208

Applicant: **Australian Grain Technologies Pty Ltd**

Certificate No: 4466 Expiry Date: 7 September, 2032.

Triticum turgidum subsp. durum

DURUM WHEAT

‘Tjilkuri’^Φ

Application No: 2010/255

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

Certificate No: 4463 Expiry Date: 5 September, 2032.

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

‘WID802’^Φ

Application No: 2011/231

Applicant: **Adelaide Research & Innovation Pty Ltd**

Certificate No: 4474 Expiry Date: 4 September, 2032.

‘Yawa’^Φ

Application No: 2011/232

Applicant: **Adelaide Research & Innovation Pty Ltd**

Certificate No: 4475 Expiry Date: 4 September, 2032.

Change of Agent

App. No.	Genus	Species	Variety	Changed From	Changed To
2009/315	<i>Petunia xCalibrachoa</i>		SAKPXC006	Sakata Seed Oceania	Australian Horticultural Services Pty Ltd
2009/316	<i>Petunia xCalibrachoa</i>		Takegawa S91	Sakata Seed Oceania	Australian Horticultural Services Pty Ltd
2009/317	<i>Petunia xCalibrachoa</i>		SAKPXC005	Sakata Seed Oceania	Australian Horticultural Services Pty Ltd
2009/323	<i>Petunia xCalibrachoa</i>		Takegawa S89	Sakata Seed Oceania	Australian Horticultural Services Pty Ltd
2009/322	<i>Impatiens</i>	hybrid	SAKIMP018	Sakata Seed Oceania	Australian Horticultural Services Pty Ltd
2009/321	<i>Impatiens</i>	hybrid	SAKIMP012	Sakata Seed Oceania	Australian Horticultural Services Pty Ltd
2009/320	<i>Impatiens</i>	hybrid	SAKIMP011	Sakata Seed Oceania	Australian Horticultural Services Pty Ltd
2009/319	<i>Impatiens</i>	hybrid	SAKIMP009	Sakata Seed Oceania	Australian Horticultural Services Pty Ltd
2011/186	<i>Lens</i>	<i>culinaris</i>	PBA Herald XT		PB Seeds

Denomination Changed

Application No.	<i>Genus</i>	<i>Species</i>	Common Name	Changed From	Changed To
2012/056	<i>Cenchrus</i>	<i>ciliaris</i>	Buffel Grass	PS-711	Lakota
2010/162	<i>Macroptilium</i>	<i>bracteatum</i>	Burgundy Beans	08P3-2	Presto
2010/163	<i>Macroptilium</i>	<i>bracteatum</i>	Burgundy Beans	08P24-4	Garnet

WITHDRAWN

The following varieties are no longer under PBR provisional protection

App. No.	Genus	Species	Common Name	Variety
2011/167	<i>Solanum</i>	<i>tuberosum</i>	Potato	Mirridong
2011/083	<i>Agonis</i>	<i>flexuosa</i>	Willow Myrtle	AG01
2011/159	<i>Rosa</i>	hybrid	Rose	KORartisch
2009/046	<i>Solanum</i>	<i>tuberosum</i>	Potato	A168a
2009/047	<i>Solanum</i>	<i>tuberosum</i>	Potato	TC10-C1
2009/048	<i>Solanum</i>	<i>tuberosum</i>	Potato	TC9-M4
2011/076	<i>Acacia</i>	<i>acinacea</i>	Gold-dust wattle	AC01
2011/028	<i>Hordeum</i>	<i>vulgare</i>	Barley	Whitestallion
2008/030	<i>Patersonia</i>	<i>occidentalis</i>	Long-Purple-flag	Little Pat
2009/365	<i>Verbena</i>	<i>x hybrida</i>	Verbena	V6073
2009/054	<i>Kalanchoe</i>	<i>blossfeldiana x laciniata hybrid</i>	Kalanchoe	AfricanSunshine

Grants Surrendered

App. No.	Genus	Species	Variety	Synonym	Common Name
2008/059	<i>Fragaria</i>	<i>xananassa</i>	MACARENA		Strawberry
2000/126	<i>Codiaeum</i>	<i>variegatum</i>	Zulu		Variegated Croton
1995/134	<i>Austromyrtus</i>	<i>inophloia</i>	Aurora		Austromyrtus
2009/117	<i>Vaccinium</i>	hybrid	Ridley 1202		Southern Highbush Blueberry
2009/118	<i>Vaccinium</i>	hybrid	Ridley 0328		Southern Highbush Blueberry
1999/338	<i>Medicago</i>	hybrid	Toreador		Medic
1997/088	<i>Ficus</i>	<i>benjamina</i>	Vivian	Indigo	Weeping Fig
1999/149	<i>Ficus</i>	<i>elastica</i>	Melany		India Rubber Tree
2003/247	<i>Osteospermum</i>	<i>fruticosum</i>	Kakegawa AU2	Blush Mist	Cape Daisy
2003/249	<i>Osteospermum</i>	<i>fruticosum</i>	Kakegawa AU6	Lemon Mist	Cape Daisy
2004/336	<i>Alstroemeria</i>	hybrid	Zalsarest	Everest	Peruvian Lily
2009/281	<i>Plumeria</i>	<i>Obtusa</i>	Australiagold		Evergreen Frangipani
2001/282	<i>Lilium</i>	hybrid	Canberra		Lily
1992/164	<i>Helipterum</i>	<i>anthemoides</i>	PAPER STAR		Paper Daisy
1995/110	<i>Pandorea</i>	<i>jasminoides</i>	SOUTHERN BELLE		Bower of Beauty
2009/014	<i>xTriticosecale</i>		Tuckerbox		Triticale
2005/340	<i>Fragaria</i>	<i>xananassa</i>	Cal Giant 5	Galexia	Strawberry
2004/287	<i>Diascia</i>	hybrid	Codiwim		Twinspur
1999/116	<i>Rosa</i>	hybrid	Ausway	Noble Antony	Rose
1994/154	<i>Limonium</i>	<i>altaica</i>	TALL EMILLE		Limonium
2009/029	<i>Alstroemeria</i>	hybrid	Konanel		Peruvian Lily
1994/108	<i>Medicago</i>	<i>sativa</i>	Eureka		Lucerne
1992/097	<i>Medicago</i>	<i>sativa</i>	Sceptre		Lucerne
2001/125	<i>Trifolium</i>	<i>hybridum</i>	Hytas		

GRANTS REVOKED

The following varieties are no longer
under PBR protection

App No.	Genus	Species	Variety	Synonym	Common Name
1999/070	<i>Paulownia</i>	<i>fortunei</i>	EFF NO.1		Paulownia
1997/145	<i>Hordeum</i>	<i>vulgare</i>	UNICORN	KINUKEI 21	Barley
1995/240	<i>Prunus</i>	<i>persica</i>	KING ALVISE		Peach
2000/346	<i>Capsicum</i>	<i>annuum</i>	Kapuchin		Capsicum

CORRIGENDA

SUGARCANE

Saccharum hybrid

‘Q246’

Application No: 2011/169

The claim of distinctness on Leaf sheath: shape of overlapping auricles has been removed from the published detailed description (PVJ 24.4) because this characteristic does not meet the PBR distinctness requirement

‘Q247’

Application No: 2011/170

The claim of distinctness on Plant: adherence of leaf sheath has been removed from the published detailed description (PVJ 24.4) because this characteristic does not meet the PBR distinctness requirement.

Dahlia

Dahlia variabilis

‘Scarlet Fern’

Application No: 2007/037

The Varieties of Common Knowledge identified and subsequently excluded table of the above variety (published in PVJ 24.1, page -171) should be replaced with the following table:

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Bishop of Llandaff’	flower	head type	single	semi double	
‘VDTG61’	peduncle ray floret	length secondary colour on the inner side	medium yellow orange	short orange red	

Spreading Flax-lily

Dianella revoluta

‘Allyn-Citation’

Application No: 2007/177

The claim of distinctness on Leaf: length has been removed from the published detailed description (PVJ 24.1) because this characteristic does not meet the PBR uniformity requirement

Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 25 Issue 3**) are listed below:

- [Home](#)
- [Appendix 1 - Fees](#)
- [Appendix 2 - Plant Breeder's Rights Advisory Committee](#)
- [Appendix 3 - Index of Accredited Consultant 'Qualified Persons'](#)
- [Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'](#)
- [Appendix 5 - Addresses of UPOV and Member States](#)
- [Appendix 6 - Centralised Testing Centres](#)
- [Appendix 7 - List of Plant Classes for Denomination Purposes](#)
- [Appendix 8 - Register of Plant Varieties](#)

Appendix -1 –Fees

This page sets out the PBR fees associated with applications, examination, certificates, annual and Qualified Person accreditation fees. Please note upcoming changes to fees. Some changes are from 1st July 2012 while others are from 1 October 2012. For more information please read our news article on the [Fee Review Update](#). We will advise of the “[approved means](#)” in advance. These are likely to be electronic and web-based transaction channels.

PBR fees are subject to change. GST does not apply to these statutory fees under Division 81 of the [GST Act 1999](#).

New Application

The Application Fee must accompany the Part 1 application at the time of lodgement. It covers an initial 'examination for acceptance', the issue of a letter of acceptance and provisional protection.

Fee Item/Action	Current Fee	Fee from 1 October 2012 Fee	
		Approved Means	By Another Means
PBR Application	\$300	\$345	\$445

Examination

Applicants have twelve months from the date of acceptance to pay the Lodgement of the Detailed Description Fee (commonly referred to as the “Examination Fee”). The time limit to pay examination fees on imported varieties can be deferred for a maximum of 12 months after the variety has been released from quarantine - contact the PBR Office for further details.

The “Examination Fee” pays for the assessment of the description, the publication of the description and photograph of the new variety in Plant Varieties Journal, the field examination (if any), and any other enquiries necessary to establish eligibility for PBR. examination of the application, including field examination and publication of the description and photograph, will not commence until the Examination Fee has been received.

After the description has been published, successful applicants will be asked to pay the Certificate Fee. This covers the final examination of all details, the production of a certificate and copy of the variety’s description in the PBR Register.

Fee Item/Action	Fee from 1 July 2012
Examination - Single Application	\$1610
Examination - Application based on overseas test data	\$1610

Examination - multiple application rate applicable only when 2 or more varieties of the same species tested at the same site in Australia and when applications and descriptions are lodged simultaneously by the same applicant and QP and examined simultaneously (fee for each variety)	\$1380
Examination - at an authorised Centralised Testing Centre when 5 or more candidate varieties of the same genus are tested simultaneously (fee for each variety)	\$920
Certificate	\$345

Annual Fee

An Annual Maintenance Fee (sometimes called the Annual or Renewal Fee) is payable each year on the anniversary of the granting of the right. The Annual Maintenance Fee must be paid to maintain the grant.

Fee Item/Action	Fee from 1 July 2012	
	Approved Means	By Another Means
Annual Fee	\$345	\$395

Qualified Person

Fee Item/Action	Fee from 1 July 2012 Fee
Application for Accreditation as a Qualified Person	\$50
Renewal of Qualified Person Accreditation (each year)	\$50

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 Paananen, Ian 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 Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James
Berry Fruit	Darmody, Liz Fleming, Graham Scholefield, Peter Zorin, Margaret
Blackberry	Paananen, Ian
Blandfordia	Treverrow, Florence
Blueberry	Paananen, Ian Scalzo, Jessica Zorin, Margaret
Boronia	Umaretiya, Praful

Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian
Brassica	Bannan, Nathaniel Chequer, Robert Cooper, Kath Downes, Ross Easton, Andrew Fennell, John Gororo, Nelson Johnston, Evan Kadkol, Gururaj Laker, Richard Light, Kate McMichael, Prue O'Connell Peter Rhodes, Phil Rudolph, Paul Sanders, Milton Saunders, James Scholefield, Peter Mouwen, Heidi Watson, Brigid Zadow, Diane
Brunia	Dunstone, Bob
Buddleia	Robb, John Paananen, Ian
Buffalo Grass	Paananen, Ian
Calibrachoa	Paananen, Ian
Callistemon	Parsons, Rodney
Camellia	Paananen, Ian Robb, John
Cannabis (low THC varieties only and subject to holding a current licence from the appropriate authority)	Warner, Philip
Carnation/Dianthus	Paananen, Ian
Chamelaucium	Umaretiya, Praful

Cereals	<p>Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Johnston, Evan Mitchell, Leslie Moore, Stephen Oates, John Platz, Greg Porter, Richard Poulsen, David Rhodes, Phil Roake, Jeremy Rogers, Clinton Rose, John Saunders, James Siedel, John Watson, Brigid Wilson, Frances</p>
Cherry	<p>Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Mackay, Alastair Mitchell, Leslie Pumpa, Lucy Scholefield, Peter</p>
Chickpeas	<p>Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James</p>
Chrysanthemum	<p>Paananen, Ian</p>
Citrus	<p>Calabria, Patrick Cottrell, Matthew Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Scholefield, Peter Swinburn, Garth Sykes, Stephen Topp, Bruce</p>
Clivia	<p>Smith, Kenneth</p>

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
Cucurbits	Herrington, Mark McMichael, Prue O'Connell Peter Paananen, Ian 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
Fig	Darmody, Liz Fleming, Graham Parr, Wayne
Flower Bulbs	Verdegaal, John
Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James

Forage Grasses	Bannan, Nathaniel Downes, Ross Fennell, John Harrison, Peter Johnston, Evan Kirby, Greg Mitchell, Leslie Rhodes, Phil Smith, Kevin Watson, Brigid
Forage Legumes	Downes, Ross Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Miller, Jeff Porter, Richard Rhodes, Phil Saunders, James Siedel, John
Fruit	Brown, Gordon Cramond, Gregory Cottrell, Matthew Darmody, Liz Delaporte, Kate Fleming, Graham Gillespie, David Granger, Andrew Kennedy, Peter Lenoir, Roland McCarthy, Alec Mitchell, Leslie Paananen, Ian Parr, Wayne Pumpa, Lucy Schapel, Amanda Scholefield, Peter
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony

Grape	Burne, Peter Cottrell, Matthew Darmody, Liz Delaporte, Kate Farquhar, Wayne Fleming, Graham Lye, Colin MacGregor, Alison Mitchell, Leslie Paananen, Ian Parr, Wayne Porter, Richard Pumpa, Lucy Schapel, Amanda Scholefield, Peter Smith, Daniel Swinburn, Garth Sykes, Stephen Valentine, Bruce
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian Parsons, Rodney Umaretiya, Praful
Gypsophila	Paananen, Ian
Hardenbergia	Dunstone, Bob
Hops	Paananen, Ian
Hydrangea	Hanger, Brian Paananen, Ian
Impatiens	Paananen, Ian
Jojoba	Dunstone, Bob
Kalanchoe	Paananen, Ian
Lavender	Paananen, Ian
Legumes	Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Kadkol, Gururaj Kirby, Greg Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John

Lentils	Collins, David Downes, Ross Goulden, David 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
Macadamia	Hockings, David
Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian
Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony
Mushrooms, edible	Wong, Percy
Myrtaceae	Dunstone, Bob
Myrtus	Buchanan, Peter
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Collins, David Downes, Ross Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James

Oilseed crops

Downes, Ross
Oates, John
Poulsen, David
Siedel, John
Rhodes, Phil
Saunders, James

Olives

Bazzani, Mr Luigi
Granger, Andrew
Lunghusen, Mark

Onions

Bannan, Nathaniel
Fennell, John
Laker, Richard
McMichael, Prue
O'Connell Peter
Scholefield, Peter
Rhodes, Phil

Ornamentals - Exotic

Abell, Peter
Armitage, Paul
Angus, Tim
Barth, Gail
Collins, Ian
Cunneen, Thomas
Darmody, Liz
Delaporte, Kate
Eggleton, Steve
Fisk, Anne Marie
Fleming, Graham
Guy, Gareme
Harrison, Dion
Harrison, Peter
Hempel, Maciej
Hockings, David
Johnston, Margaret
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
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
 Lee, Slade
 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
 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
 Fennell, John
 Harrison, Peter
 Kadkol, Gururaj
 Kirby, Greg
 James, Jennifer
 Loch, Don
 McMaugh, Peter
 Miller, Jeff
 Mitchell, Leslie
 Neylan, John
 Oates, John
 Paananen, Ian
 Porter, Richard
 Rhodes, Phil
 Roche, Matthew
 Rogers, Clinton
 Rose, John
 Saunders, James
 Sewell, James
 Smith, Raymond
 Smith, Kevin
 Wilkes, Gregory
 Wilson, Frances
 Zorin, Margaret

 Peanut

Cruickshank, Alan
 George, Doug

 Pear

Cramond, Gregory
 Darmody, Liz
 Engel, Richard
 Fleming, Graham
 Langford, Garry
 Mackay, Alastair
 Malone, Michael
 Paananen, Ian
 Portman, Anthony
 Richards, Susanna
 Scholefield, Peter
 Tancred, Stephen
 Valentine, Bruce

 Pelargonium

Paananen, Ian

 Persimmon

Parr, Wayne
 Swinburn, Garth

 Petunia

Paananen, Ian

 Philodendron

Paananen, Ian

 Philotheca

Dunstone, Bob

Phormium	Paananen, Ian
Photinia	Robb, John
Pistacia	Cottrell, Matthew Richardson, Clive Sykes, Stephen
Pisum	Downes, Ross Goulden, David McMichael, Prue Rhodes, Phil Sanders, Milton Saunders, James
Pomegranate	Paananen, Ian
Potatoes	Delaporte, Kate Fennell, John Friemond, Terry Guertsen, Paul Hill, Jim Johnston, Evan McMichael, Prue O'Connell Peter Pumpa, Lucy Rhodes, Phil Saunders, James Schapel, Amanda Scholefield, Peter Slater, Tony Wilson, Graeme
Proteaceae	Barth, Gail Kirby, Neil Paananen, Ian Robb, John Scholefield, Peter
Prunus	Buchanan, Peter Calabria, Patrick Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Granger, Andrew Kennedy, Peter Mackay, Alastair Malone, Michael Portman, Anthony Richards, Graeme Richards, Susanna Topp, Bruce Wilkes, Gregory Witherspoon, Jennifer

Pulse Crops	Collins, David Downes, Ross Graetz, Darren Oates, John Porter, Richard Poulsen, David Rhodes, Phil Saunders, James
Raspberry	Darmody, Liz Fleming, Graham Herrington, Mark Scholefield, Peter Zorin, Margaret
Rhododendron	Barrett, Mike Paananen, Ian
Rose	Barrett, Mike Darmody, Liz Delaporte, Kate Fleming, Graham Hanger, Brian Lee, Peter McKirdy, Simon Paananen, Ian Prescott, Chris Pumpa, Lucy Schapel, Amanda Scholefield, Peter Swane, Geoff Syrus, A Kim
Scaevola	Paananen, Ian
Sesame	Bennett, Malcolm Harrison, Peter
Soybean	Harrison, Peter James, Andrew
Spathiphyllum	Paananen, Ian

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 Scholefield, Peter Zorin, Margaret
Sugarcane	Cox, Mike Piperidis, George
Sunflower	George, Doug
Tomato	Herrington, Mark Laker, Richard McMichael, Prue O'Connell Peter Rhodes, Phil Scholefield, Peter
Tree Crops	Hockings, David McRae, Tony
	Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Fittler, Michael Harrison, Peter Hockings, David 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 Laker, Richard Lenoir, Roland MacGregor, Alison McMichael, Prue Oates, John O'Connor, Lauren Pearson, Craig Pumpa, Lucy Rhodes, Phil Schapel, Amanda Scholefield, Peter Westra Van Holthe, Jan
Verbena	Paananen, Ian
Walnut	Cottrell, Matthew Mitchell, Leslie
Wheat (Aestivum & Durum Groups)	Brennan, Paul Collins, David Downes, Ross Fittler, Michael Kadkol, Gururaj Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James Sanders, Milton
Zantedeschia	Paananen, Ian

TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
Abell, Peter	0438 392 837 mobile	Australia
Aberdeen, Ian	03 5782 1029 03 5782 2073 fax	SE Australia
Allen, Paul	07 3824 0263 ph/fax	SE QLD, Northern NSW
Anderson, Malcolm	03 5573 0900 03 5571 1523 fax 017 870 252 mobile	Victoria
Angus, Tim	(64 4) 568 3878 ph/fax 001164211871076 mobile plantatim@zip.co.nz	Australia and New Zealand
Armitage, Paul	03 9756 7233 03 9756 6948 fax	Victoria
Avery, Angela	02 6030 4500 02 6030 4600 fax	South Eastern Australia
Bannan, Nathaniel	03 8318 9019 03 8318 9002 fax	Australia
Barrett, Mike	0429 720 013 mobile 02 9875 3087 02 9980 1662 fax 0407 062 494 mobile	NSW/ACT
Barth, Gail	08 8389 7479	SA and Victoria
Bazzani, Luigi	08 9772 1207 08 9772 1333 fax	Western Australia
Bennett, Malcolm	08 8973 9733 08 8973 9777 fax	NT, QLD, NSW, WA
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
Chequer, Robert	03 5382 1269 0419 145 262 mobile	Victoria
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheat belt of Western Australia
Cooper, Kath	08 8339 3049 0429 191 848 mobile	South Australia
Cottrell, Matthew	03 5024 8603 0438 594010 mobile	Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia
Cruickshank, Alan	07 4160 0722 07 4162 3238 fax	QLD
Cunneen, Thomas	02 4889 8647 02 4889 8657 fax	Sydney Region
Darmody, Liz	03 9756 6105 03 9752 0005 fax	Australia

Delaporte, Kate	08 8373 2488 08 8373 2442 fax 0427 394 240 mobile	South Australia
Downes, Ross	02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile	ACT, South East Australia
Dunstone, Bob Easton, Andrew	02 6281 1754 ph/fax 07 4690 2666 07 4630 1063 fax	South East NSW QLD and NSW
Edwards, Arthur	08 8586 1232 08 8595 1394 fax 0409 609 300 mobile	SE Australia
Eggleton, Steve	03 9876 1097 03 9876 1696 fax	Melbourne Region
Engel, Richard	08 9397 5941 08 9397 5941 fax	WA
Fennell, John	08 8369 8840 08 8389 8899 fax 0401 121 891 mobile	Australia
Farquhar, Wayne	08 85657000 08 85657011 fax	South Australia
Fittler, Michael	02 6773 2522 02 6773 3238	NSW
Fleming, Graham	03 9756 6105 03 9752 0005 fax	Australia
Friemond, Terry	08 9203 6720 08 9203 6720 fax 0438 915 811 mobile	Western Australia
Foster, Kevin	08 9368 3804 08 9474 2840 fax	Mediterranean areas of Australia
Frkovic, Edward	02 6962 7333 02 6964 1311 fax	Australia
George, Doug	07 5460 1308 07 5460 1112 fax	Australia
Gillespie, David	07 4155 6344 07 4155 6656 fax	Wide Bay Burnett District, QLD
Gororo, Nelson	03 5382 5911 03 5382 5755 fax 0428 534 770 mobile	Mediterranean areas of Australia
Goulden, David	64 3 325 6400 64 3 325 2074 fax	New Zealand
Graetz, Darren	08 8303 9362 08 8303 9424 fax	South Australia
Granger, Andrew	08 8389 8809 08 8389 8899 fax	South Australia
Guertsen, Paul	02 6845 3789 02 6845 3382 fax 0407 658 105 mobile	NSW, VIC, SE QLD
Hanger, Brian	03 9837 5547 ph/fax 0418 598106 mobile	Victoria
Hare, Ray	02 6763 1232 02 6763 1222 fax	QLD, NSW VIC & SA
Harrison, Dion	07 5460 1313 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
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
Kennedy, Peter	02 6382 7600 02 6382 2228 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
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	0419 474 251 mobile	Queensland/Northern New South Wales
Lenoir, Roland	02 6231 9063 ph/fax	Australia
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
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
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 Richards, Graeme	03 5427 0485 02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	SE Australia Australia
Richards, Susanna	03 5833 5235 03 5833 5299 fax 0429 674 606 mobile	SE Australia
Richardson, Clive Rhodes, Phil	03 51550255 64 3322 5405 0211 862 422 mobile phil@epr.co.nz	Victoria New Zealand
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region
Roche, Matthew Robb, John	0412 197 218 mobile 02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Queensland 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
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
Stewart, Angus	02 4385 9788ph/fax 0419 632 123 mobile	Sydney, Gosford
Swane, Geoff	02 6889 1545 02 6889 2533 fax 0419 841580 mobile	Central western NSW
Swinburn, Garth	03 5023 4644 03 5023 5814 fax	Murray Valley Region - from Swan Hill (Vic) to Waikere (SA)
Sykes, Stephen	03 5051 3100 03 5051 3111 fax	Victoria
Syrus, A Kim	03 8556 2555 03 8556 2955 fax	Adelaide
Tan, Beng	08 9266 7168 08 9266 2495	Perth & environs
Tancred, Stephen	07 4681 2931 07 4681 4274 fax 0157 62888 mobile	QLD, NSW
Treverrow, Florence	02 6629 3359	Australia
Topp, Bruce	07 4681 1255 07 4681 1769 fax	SE QLD, Northern NSW
Umaretiya, Praful	08 6201 7645 0432 190 099 mobile	Western Australia
Valentine, Bruce	02 6361 3919 02 6361 3573 fax	New South Wales
Van der Staay, Rosemaree Anne	03 6248 6863 03 6248 7402 fax	Tasmania
Verdegaal, John	03 6458 3581 03 6458 3581 fax	Australia and New Zealand
Warner, Philip	07 5499 9249 ph/fax 0412 162 003 mobile	Australia
Watkins, Phillip	08 9537 1811 08 9537 3589 fax 0416 191 472 mobile	Perth Region
Watkinson, Andrew	07 5445 6654 0409 065 266 mobile	Northern NSW and Southern QLD
Watson, Brigid	03 5688 1058 0429 702 277 mobile	Victoria
Westra Van Holthe, Jan	03 9706 3033 03 9706 3182 fax	Australia
Whiley, Tony	07 5441 5441	QLD
Wilkes, Gregory	02 4570 1358 02 4570 1314 fax 0418 642 359 mobile	Sydney region
Wilson, Frances	64 3 318 8514 64 3 318 8549 fax	Canterbury, New Zealand
Wilson, Graeme	03 5957 1200 03 5957 1210 fax	SE Australia
Wong, Percy	02 9036 7767	Australia
Zadow, Diane	03 5382 1269 03 5381 1210 fax 0419 145 763 mobile	Victoria

Zorin, Margaret

07 3207 4306
0418 984 555

Eastern Australia

Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name
Aquilizan, Flaviano
Baelde, Arie
Baker, Grant
Bally, Ian
Bartley, Megan
Bennett, Nicholas
Bernuetz, Andrew
Berryman, Pamela
Birchall, Craig
Boorman, Des
Box, Amanda
Brewer, Lester
Brindley, Tony
Brown, Emma
Bunker, Kerry
Bunker, John
Burton, Wayne
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
Downe, Graeme
Dutschke, Nathan
Eastwood, Russell
Eglinton, Jason
Elliott, Philip
Evans, Pedro
Eykamp, Donald
Eyles, Gary
Fitzgibbon, John
Flett, Peter
Geary, Judith
Gibbons, Philip
Glover, Russell
Graetz, Darren
Gurciullo, Gaetano
Haire, Chris

Hassani, Mohammad
Hawkey, David
Herring, Meredith
Hollamby, Gil
Hoppo, Suzanne
Howie, Jake
Humphries, Alan
Hurst, Andrea
Irwin, John
Jiranek, Vladimir
Jupp, Noel
Kaehne, Ian
Kaiser, Stefan
Kapitany, Attila
Katz, Mark
Kebblewhite, Tony
Kempff, Stefan
Kennedy, Chris
Kobelt, Eric
Lacey, Kevin
Larkman, Clive
Leddin, Anthony
Lee, Kathryn
Lee, Jodie
Lee, Slade
Leeks, Conrad
Leonforte, Antonio
Lewis, Hartley
Lewthwaite, Stephen
Loi, Angelo
Lonergan, Paul
Lowe, Russell
Luckett, David
Matic, Rade
Materne, Michael
Matthews, Michael
May, Peter
McCabe, Dominic
McCredde, John
McDonald, David
Miller, Kylie
Mitchell, Steven
Moss, Ian
Mullins, Kathleen
Myors, Philip
Neilson, Peter
Newman, Allen
Noone, Brian
Norriss, Michael
O'Brien, Tim
O'Leary, Finbarr
O'Sullivan, Robert
Palmer, Ross

Paull, Jeff
Pearce, Bob
Peoples, Alan
Pike, David
Pike, Elise
Porter, Gavin
Potter, Trent
Pressler, Craig
Rayner, Kenneth
Reid, Peter
Reinke, Russell
Russell, Dougal
Sadeque, Abdus
Sanders, Milton
Sanewski, Garth
Sarkhosh, Ali
Schreuders, Harry
Scott, Ralph
Senior, Michael
Smith, Leigh
Smith, Malcolm
Smith, Chris
Snelling, Cath
Song, Leonard
Sounness, Janine
Stephens, Joseph
Stiller, Warwick
Sutton, John
Taylor, Kerry
Todd, Peter
Trigg, Pamela
Urwin, Nigel
Vaughan, Peter
Venkatanagappa, Shoba
Venn, Neil
Verdegaal, John
Walton, Mark
Warner, Bradley
Warren, Andrew
Weatherly, Lilia
Weber, Ryan
Wei, Xianming
Wilkie, John
Williams, Joanne
Wilson, Rob
Wilson, Stephen
Winter, Bruce
Wirthensohn, Michelle
Yan, Guijun

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	Perennial ryegrass, tall fescue, tall wheat grass, white clover, Persian clover	Field, shadehouse, glasshouse, growth chambers. Irrigation. Pathology and tissue culture. Access to DNA and molecular marker technology. Cold storage.	M Anderson	30/6/98
Koala Blooms	Monbulk, VIC	<i>Bracteantha</i>	Outdoor, irrigation	M Lunghusen	30/6/98
Redlands Nursery	Redland Bay, QLD	<i>Aglaonema</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	30/6/98
Protected Plant Promotions	Macquarie Fields, NSW	New Guinea Impatiens including <i>Impatiens hawkeri</i> and its hybrids	Glasshouse	I Paananen	30/9/98
University of Queensland, Gatton College	Lawes, QLD	Some tropical pastures	Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage	To be advised	30/9/98
Jan and Peter Iredell	Moggill, QLD	Bougainvillea	Outdoor, shadehouse	J Iredell	30/9/98
Protected Plant Promotions	Macquarie Fields, NSW	<i>Verbena</i>	Glasshouse	I Paananen	31/12/98
Avondale Nurseries Ltd	Glenorie, NSW	<i>Agapanthus</i>	Greenhouse, tissue culture with commercial partnership	I Paananen	31/12/98
Paradise Plants	Kulnura, NSW	<i>Camellia, Lavandula, Osmanthus, Ceratopetalum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/98
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment greenhouses	C Prescott	31/12/98
F & I Baguley Flower and Plant Growers	Clayton South, VIC	<i>Euphorbia</i>	Controlled glasshouses, quarantine facilities, tissue culture	G Guy	31/3/99
Paradise Plants	Kulnura, NSW	<i>Limonium, Raphiolepis, Eriostemon, Lonicera Jasminum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	30/6/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Angelonia</i>	Glasshouse	I Paananen	30/6/00
Carol's Propagation	Alexandra Hills, QLD	<i>Cuphea, Anthurium</i>	Field beds, wide range of comparative varieties	C Milne D Singh	30/6/00
Queensland Department of Primary Industries, Redlands Research Station	Cleveland, QLD	<i>Cynodon, Zoysia</i> and other selected warm season-season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	M Roche	30/9/00

Luff Partnership	Kulnura, NSW	<i>Bracteantha</i>	Field beds, irrigation, shade house, propagation house, cool rooms,	I Dawson	31/12/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Petunia, Calibrachoa</i>	Glasshouse	I Paananen J Oates	31/12/00
NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood,	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt N Derera T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteaflorea Nursery Pty Ltd	Monbulk, VIC	<i>Plectranthus</i>	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	<i>Zingiber</i>	Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services	D Marcsik	30/9/04
Ball Australia	Keysborough, VIC	<i>Impatiens, Verbena</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/04
Floreta Pty Ltd	Redland Bay QLD	<i>Bracteantha</i>	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevard Nurseries Mildura Pty Ltd	Irymple VIC	<i>Zantedeschia</i>	Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics,	K Mullins	31/12/04

			quarantine facilities		
Buchanan's Nursery	Hodgsonvale, QLD	<i>Prunus</i>	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/04
Ball Australia	Keysborough, VIC	<i>Calibrachoa, Osteospermum</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including biotech, propagation, outdoor facilities	I Bally	30/09/05
Blueberry Farms of Australia	Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania	<i>Vaccinium</i>	Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories.	I Paananen	15/10/07
Ball Australia	Keysborough, VIC	<i>Kalanchoe</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	3/6/2008
PBseeds	Horsham, VIC	<i>Lens culinaris</i>	Glasshouse, shadehouse, small plot equipment, seed production, processing and long term storage	T Leonforte G Kadkol	5/7/11
Mansfield Propagation Nursery Pty Ltd	Carrum Downes and Skye, VIC	<i>Lomandra</i>	Propagation greenhouses and indoor and outdoor growing areas.	M Lunghusen	7/11/11
Ramm Botanicals	Kangy Angy, NSW	<i>Anigozanthos</i>	Tissue culture, environment controlled greenhouse; extensive outdoor and shadehouse areas.	Ryan Weber Megan Bartley	10/2/2012
Outback Plants Pty Ltd	Cranbourne, and Longwarry VIC	<i>Aloe</i>	Propagation greenhouses and indoor and outdoor growing areas.	M Lunghusen	10/12/2012

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Solan Pty Ltd**	Waikerie SA	<i>Solanum tuberosum</i>	Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials	J. Fennell
Yates Botanical Pty Ltd	Somersby and Tuggerah, NSW	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen

Aussie Winners Pty Ltd	Redland Bay, QLD	<i>Fuchsia</i>	Comprehensive growing facilities	I Paananen
Schreurs Australia Pty Ltd	Leppington, NSW	<i>Rosa</i>	Comprehensive growing facilities	I Paananen

** = Please note that Solan Pty Ltd has been requested to submit a special case based on technical reasons to allow a second CTC to be accredited for *Solanum tuberosum*. Accordingly, publication of their pending application does not infer that any decision regarding accreditation has been made at this time.

Comments (both for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

The Registrar
 Plant Breeder's Rights Office
 IP Australia
 PO Box 200
 Woden, ACT 2606
 Fax (02) 6283 7999

Closing date for comment: 31 December 2012.

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 Hericium erinaceum Hypsizigus marmoreus Hypsizigus ulmarius Lentinula edodes Lepista nuda (Bulliard:Fries) Cooke Lepista sordida (Schumacher:Fries) Singer Lyophyllum decastes Lyophyllum shimeji (Kawamura) Hongo Meripilus giganteus (Persoon:Fries) Karten Mycoleptodonoides aitchisonii (Berkeley) Maas Geesteranus Naematoloma sublateritium Panellus serotinus Pholiota adiposa Pholiota nameko Pleurotus cornucopiae var.citrinoileatus 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 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://pericles.ipaustralia.gov.au/pbr_db/



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