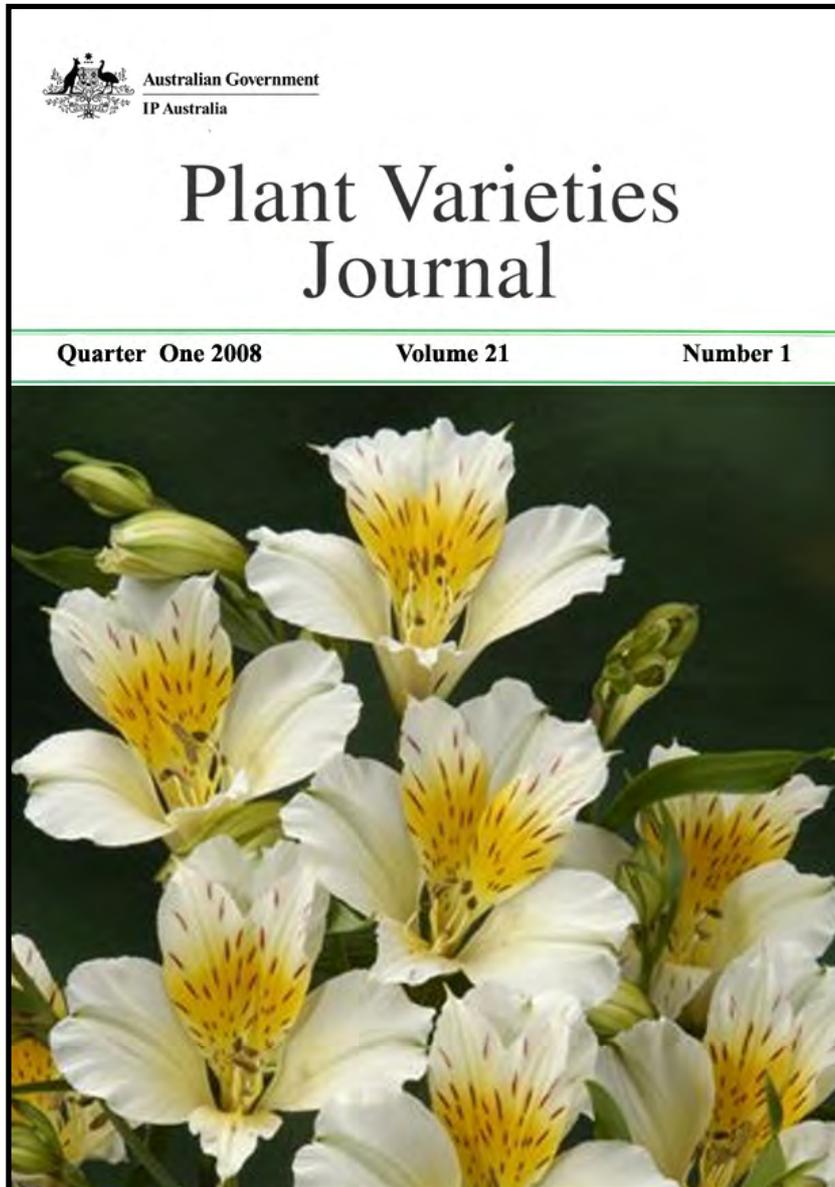




Australian Government
IP Australia

Plant Varieties Journal - Optimised for Screen Viewing



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Rights Office, IP Australia

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Part 1 General Information

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 etc. The General Information pages of *Plant Varieties Journal (Vol. 21 Issue 1)* are listed below:

- [Home](#)
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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 November 18, 2007):

Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, European Community, Estonia, Finland, France, Germany, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Panama, Paraguay, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Trinidad and Tobago, Turkey, Tunisia, Ukraine, United Kingdom, United States of America, Uruguay, Uzbekistan and Vietnam. (Total 65).

On October 18, 2007 Turkey deposited with the Office of the Union its instrument of accession to the 1991 Act of the UPOV Convention. The 1991 Act entered into force for Turkey on November 18, 2007. On that day, Turkey became the 65th member state of UPOV.

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

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

European Developments

Community plant variety rights within the European Union are administered by the Community Plant Variety Office (CPVO) in Angers, France. With more than 2,600 applications per year, the CPVO receives the highest number of requests for variety protection among the 63 members of UPOV. The CPVO provides for one application, one examination and one title of protection that is valid and enforceable in all 25 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).

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.

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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.

Current PBR Forms

As part of a comprehensive review of PBR forms, several are now available in fillable WORD format and can be completed electronically and saved. Currently, only the Part 1 Application, Supplementary Pages to Part 1 Application, Authorisation of Agent and Nomination of Qualified Person forms are available in fillable WORD.

We are endeavouring to have all forms in both fillable WORD and fillable PDF in the near future and will continue to update this list. Please check regularly for updates.

The remainder of the forms and publications are static PDFs and may be viewed using Acrobat Reader. The electronic forms are available from the IP Australia Website at <http://www.ipaustralia.gov.au/pbr/forms.shtml>

Please Do Not Use Old Forms

To avoid processing delays, it is recommended that the most recent version of a form be submitted. Refer to the [PBR website](#) for the latest version of the forms. Please note applications submitted on old forms will be returned so they can be submitted on current forms for assessment.



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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants, Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 21 Issue 1) are listed below:

- **Home**
- **Acceptances**
- **Variety Descriptions**
- **Grants**
- **Denomination Changed**
- **Assignment of Rights**
- **Applicant's Name Amended**
- **Agent Changed/Agent Nominated**
- **Applications Withdrawn**
- **Grants Surrendered**
- **Corrigenda**

ACCEPTANCES

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

Abelia x grandiflora

GLOSSY ABELIA

‘Kaleidoscope’

Application No: 2008/060 Accepted: 26 March, 2008

Applicant: **Panoramic Farms.**

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

Alstroemeria hybrid

PERUVIAN LILY

‘Konamul’

Application No: 2008/032 Accepted: 28 March, 2008

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

Agent: **David Nichols - postal address for service of notice on the applicant Konst Breeding BV,**
Devon Meadows, VIC.

‘Konevotio’

Application No: 2007/337 Accepted: 30 January, 2008

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

Agent: **David Nichols - postal address for service of notice on the applicant Konst Breeding BV,**
Devon Meadows, VIC.

‘Konpulse’

Application No: 2007/336 Accepted: 30 January, 2008

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

Agent: **David Nichols - postal address for service of notice on the applicant Konst Breeding BV,**
Devon Meadows, VIC.

‘Konratus’

Application No: 2008/033 Accepted: 28 March, 2008

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

Agent: **David Nichols - postal address for service of notice on the applicant Konst Breeding BV,**
Devon Meadows, VIC.

Anigozanthos hybrid

KANGAROO PAW

‘Rambubona’ syn Bush Bonanza

Application No: 2007/295 Accepted: 29 January, 2008

Applicant: **Ramm Botanicals Holdings Pty Ltd**, Tuggerah, NSW.

‘Rambudan’ syn Bush Dance

Application No: 2007/293 Accepted: 29 January, 2008

Applicant: **Ramm Botanicals Holdings Pty Ltd**, Tuggerah, NSW.

‘Rambueleg’

Application No: 2007/294 Accepted: 29 January, 2008

Applicant: **Ramm Botanicals Holdings Pty Ltd**, Tuggerah, NSW.

Anthurium andraeanum

FLAMINGO FLOWER

‘ANTHABUDON’ syn Madural

Application No: 2008/006 Accepted: 8 February, 2008

Applicant: **Anthura b.v.**

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

‘ANTHCIMWI’ syn Otazu

Application No: 2008/011 Accepted: 8 February, 2008

Applicant: **Anthura b.v.**

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

‘ANTHEFAQYR’ syn White Champion

Application No: 2008/005 Accepted: 21 January, 2008

Applicant: **Anthura b.v.**

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

ANTHEQIWIK’ syn Sensa

Application No: 2008/010 Accepted: 21 January, 2008

Applicant: **Anthura b.v.**

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

‘ANTHURWAP’ syn Sumi

Application No: 2008/007 Accepted: 21 January, 2008

Applicant: **Anthura b.v.**

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

‘ANTHOLODOJ’ syn Royal Champion

Application No: 2008/012 Accepted: 8 February, 2008

Applicant: **Anthura b.v.**

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

‘ANTHOLYL’ syn Turenza

Application No: 2008/009 Accepted: 8 February, 2008

Applicant: **Anthura b.v.**

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

‘ANTHRAL’ syn Manaka

Application No: 2008/008 Accepted: 8 February, 2008

Applicant: **Anthura b.v.**

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

Avena sativa

OATS

‘Tungoo’

Application No: 2007/298 Accepted: 28 March, 2008

Applicant: **Minister for Agriculture, Food and Fisheries & Rural Industries and Research Development Corporation**, Adelaide, SA.

Brassica napus

CANOLA

‘Hurricane TT’

Application No: 2008/021 Accepted: 15 February, 2008

Applicant: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

‘Storm TT’

Application No: 2008/022 Accepted: 25 February, 2008

Applicant: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

‘T2201’

Application No: 2008/020 Accepted: 15 February, 2008

Applicant: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

‘Tawriffic TT’

Application No: 2007/288 Accepted: 7 January, 2008
 Applicant: **Nugrain Pty. Ltd.**, Laverton, VIC.

Clematis viticella

CLEMATIS

‘Evipo011’

Application No: 2008/001 Accepted: 8 February, 2008
 Applicant: **Poulsen Roser A/S & Raymond J. Evison, Limited.**
 Agent: **Griffith Hack**, Perth, WA.

‘Evipo020’

Application No: 2008/002 Accepted: 8 February, 2008
 Applicant: **Poulsen Roser A/S & Raymond J. Evison, Limited.**
 Agent: **Griffith Hack**, Perth, WA.

‘Evipo029’

Application No: 2008/003 Accepted: 8 February, 2008
 Applicant: **Poulsen Roser A/S & Raymond J. Evison, Limited.**
 Agent: **Griffith Hack**, Perth, WA.

‘Evipo030’

Application No: 2008/004 Accepted: 8 February, 2008
 Applicant: **Poulsen Roser A/S & Raymond J. Evison, Limited.**
 Agent: **Griffith Hack**, Perth, WA.

Cordyline australis

CORDYLINE, CABBAGE TREE

‘CARDINAL’

Application No: 2007/316 Accepted: 18 March, 2008
 Applicant: **Liner Plants NZ (1993) Limited.**
 Agent: **A J Park**, Canberra, ACT.

Dahlia hybrid

DAHLIA

‘Knockout’ syn Mystic Sun

Application No: 2007/321 Accepted: 21 January, 2008
 Applicant: **Dr Keith Hammett.**

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

‘Timothy Hammett’

Application No: 2007/315 Accepted: 10 January, 2008

Applicant: **Keith Richard William Hammett.**

Agent: **Camerons Nursery Pty Ltd**, Arcadia, NSW.

Fragaria xananassa

STRAWBERRY

‘Palomar’

Application No: 2007/314 Accepted: 5 March, 2008

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

Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

Fuchsia hybrid

FUCHSIA

‘Goetzpeg’ syn Peggy

Application No: 2006/328 Accepted: 5 March, 2008

Applicant: **Wolfram Goetz.**

Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Gaura hybrid

GAURA, BUTTERFLY BUSH

‘REDGAPI’

Application No: 2007/320 Accepted: 17 January, 2008

Applicant: **E J Bunker.**

Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Grevillea hybrid

GREVILLEA

‘Lemondaze’

Application No: 2007/242 Accepted: 7 January, 2008

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

‘Red Rover’

Application No: 2007/283 Accepted: 17 January, 2008

Applicant: **James Walter Carter and Elva Lorraine Carter**, Burpengary, QLD.

Helleborus hybrid

WINTER ROSE

‘Walhelivor’ syn Ivory Prince

Application No: 2007/334 Accepted: 17 January, 2008

Applicant: **David Tristram**.

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

Lactuca sativa

LETTUCE

‘SARTRE’

Application No: 2007/318 Accepted: 14 February, 2008

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV**.

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

‘VULSINI’

Application No: 2007/296 Accepted: 17 January, 2008

Applicant: **Seminis Vegetable Seeds, Inc.**

Agent: **Seminis Vegetable Seeds New Zealand Ltd.**, Ivanhoe, VIC.

Lomandra longifolia x confertifolia

MATT RUSH

‘Lime Tuff’

Application No: 2008/031 Accepted: 26 March, 2008

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

Lycopersicon lycopersicum

TOMATO

‘Dunne’

Application No: 2007/324 Accepted: 17 January, 2008

Applicant: **Syngenta Crop Protection AG**.

Agent: **Syngenta Seeds Pty Ltd**, Dandenong South, VIC.

Malus hybrid

APPLE ROOTSTOCK

‘CG202’

Application No: 2007/297 Accepted: 7 January, 2008

Applicant: **Cornell Research Foundation, Inc.**

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

Olea europaea

OLIVE

‘Chiquitita’

Application No: 2007/319 Accepted: 25 February, 2008

Applicant: **Universidad de Cordoba.**

Agent: **Davies Collison Cave**, Melbourne, VIC.

Paspalum vaginatum

SEASHORE PASPALUM

‘SDX-1’

Application No: 2006/160 Accepted: 11 March, 2008

Applicant: **SFR Holding Company Inc.**

Agent: **Gai Kapernick**, Mount Gravatt, QLD.

Patersonia occidentalis

LONG PURPLE-FLAG, NATIVE IRISJACKRULES

‘Bushpat’

Application No: 2008/030 Accepted: 18 March, 2008

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

Prunus persica

PEACH

‘Burpeachnineteen’ syn Burpchnineteen

Application No: 2008/023 Accepted: 5 March, 2008

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Diamondcandy’ syn Diamondgold

Application No: 2007/327 Accepted: 29 February, 2008

Applicant: **Lowell G. Bradford.**

Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Ivoryduchess’ syn Whiteduchess

Application No: 2007/328 Accepted: 29 February, 2008

Applicant: **Lowell G. Bradford.**

Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Spring Pearl’ syn Springice

Application No: 2007/329 Accepted: 29 February, 2008

Applicant: **Lowell G. Bradford.**

Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

Prunus salicina

JAPANESE PLUM

‘Plumsweettwo’ syn Sweet Plum Two

Application No: 2007/325 Accepted: 18 March, 2008

Applicant: **Lowell G. Bradford.**

Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

Prunus salinica x *Prunus armeniaca*

INTERSPECIFIC PLUM

‘Sweetcot’ syn Blackcot

Application No: 2007/326 Accepted: 29 February, 2008

Applicant: **Lowell G. Bradford.**

Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

Pyrus communis.

EUROPEAN PEAR

‘Rode Doyenne van Doorn’

Application No: 2007/237 Accepted: 31 January, 2008

Applicant: **Jacob Hendrik Van Doorn.**

Agent: **Callinan Lawrie**, Kew, VIC.

Rosa hybrid

ROSE

‘Grandehcanap’

Application No: 2008/018 Accepted: 29 January, 2008

Applicant: **Mr H Schreuders.**

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

‘Grandnilanerda’

Application No: 2008/027 Accepted: 14 February, 2008

Applicant: **Mr H Schreuders.**

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

‘Grandoemac’

Application No: 2008/019 Accepted: 29 January, 2008

Applicant: **Mr H Schreuders.**

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

‘Jacky's Favorite’

Application No: 2007/239 Accepted: 18 March, 2008

Applicant: **ILVO.**

Agent: **Roses and Friends**, Fitzroy Falls, NSW.

‘SOMskywer’ syn Sky Tower

Application No: 2007/240 Accepted: 18 March, 2008

Applicant: **Glenavon Trust.**

Agent: **Roses and Friends**, Fitzroy Falls, NSW.

Solanum tuberosum

POTATO

‘Blazer-Russet’

Application No: 2008/041 Accepted: 31 March, 2008

Applicant: **University of Idaho.**

Agent: **Agronico Technology - postal address for the service of notices on the applicant University of Idaho**, Leith, TAS.

‘Gemstar-Russet’

Application No: 2008/042 Accepted: 31 March, 2008

Applicant: **University of Idaho.**

Agent: **Agronico Technology - postal address for the service of notices on the applicant University of Idaho**, Leith, TAS.

Syzygium australe

LILLY PILLY

‘Big Red’

Application No: 2007/267 Accepted: 26 March, 2008
Applicant: **Peta & Scott Mclean**, Glagiraba, QLD.

Triticum aestivum

WHEAT

‘Espada’

Application No: 2007/322 Accepted: 17 January, 2008
Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

‘LongReach Beaufort’

Application No: 2008/025 Accepted: 18 March, 2008
Applicant: **C.C. Benoist**.
Agent: **LongReach Plant Breeder's Management Pty Ltd**, Bundoora, VIC.

‘WW12410’

Application No: 2007/299 Accepted: 8 January, 2008
Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales, State of Queensland through its Department of Primary Industries and Fisheries, Grains Research and Development Corporation**, Orange, NSW.

Vigna radiata

MUNG BEAN

‘Crystal’

Application No: 2007/308 Accepted: 10 January, 2008
Applicant: **State of Queensland through its Department of Primary Industries and Fisheries & Grains Research & Development Corporation**, Brisbane, QLD.

xTriticosecale

TRITICALE

‘Endeavour’

Application No: 2008/043 Accepted: 11 March, 2008
Applicant: **Value Added Wheat CRC Limited**, North Ryde, NSW.

‘Tobruk’

Application No: 2008/044 Accepted: 11 March, 2008

Applicant: **Value Added Wheat CRC Limited**, North Ryde, NSW.



Variety Descriptions

Common (Genus Species)	Variety	Title Holder
Peruvian Lily (Alstroemeria hybrid)	Zalsaden	Van Zanten Plants B.V.
Peruvian Lily (Alstroemeria hybrid)	Zalsalan	Van Zanten Plants B.V.
Peruvian Lily (Alstroemeria hybrid)	Zalsadon	Van Zanten Plants B.V.
Peruvian Lily (Alstroemeria hybrid)	Zalsachic	Van Zanten Plants B.V.
Peruvian Lily (Alstroemeria hybrid)	Zalsamon	Van Zanten Plants B.V.
Rhodes Grass (Chloris gayana)	KP4	State of Queensland through its Department of Primary Industries and Fisheries
Watermelon (Citrullus lanatus)	SP-4	Syngenta Crop Protection AG
Hybrid Green Couch Grass (Cynodon transvaalensis x C. dactylon)	AGRD	Grasslanz Technology Limited
Blue Flax-Lily (Dianella caerulea)	DC150	Craig Waters
Blue Flax-Lily (Dianella caerulea)	DC101	Craig Waters
Flax lily (Dianella ensifolia)	DarwinGold	Darwin Plant Wholesalers
Flax lily (Dianella tasmanica)	Rainbow	Phillip Allen Dowling

<u>Flax lily (<i>Dianella tasmanica</i>)</u>	Splice	Phillip Allen Dowling
<u>Flax lily (<i>Dianella tasmanica</i>)</u>	Little Devil	Phillip Allen Dowling
<u>Crown of Thorns (<i>Euphorbia hybrid</i>)</u>	EU4	Darwin Plant Wholesalers
<u>Hydrangea (<i>Hydrangea macrophylla</i>)</u>	Rabearth	Franz-Xaver Rampp
<u>Hydrangea (<i>Hydrangea macrophylla</i>)</u>	Ramars	Franz-Xaver Rampp
<u>Lily (<i>Lilium hybrid</i>)</u>	Mothers Choice	Mak 't Zand B.V.
<u>Matt Rush (<i>Lomandra confertifolia ssp rubiginosa</i>)</u>	Merlom Ruby	Merricks Nursery
<u>Spiny Headed Mat Rush (<i>Lomandra hystrix</i>)</u>	WN002	Deborah Roberts
<u>Spiny Headed Mat Rush (<i>Lomandra longifolia</i>)</u>	WAU 65	Craig Waters
<u>Seashore Paspalum (<i>Paspalum vaginatum</i>)</u>	SI98	University of Georgia Research Foundation, Inc.
<u>Seashore Paspalum (<i>Paspalum vaginatum Swartz</i>)</u>	SDX-1	SFR Holding Company Inc
<u>Phalaris (<i>Phalaris aquatica</i>)</u>	Holdfast GT	Commonwealth Scientific and Industrial Research Organisation and Australian Wool Innovation Limited
<u>Phalaris (<i>Phalaris hybrid</i>)</u>	Advanced AT	Commonwealth Scientific and Industrial Research Organisation and Australian Wool Innovation Limited
<u>Field Pea (<i>Pisum sativum</i>)</u>	SW Celine	Svalof Weibull AB
<u>Japanese Plum (<i>Prunus salacina</i>)</u>	Suplumtwentythree	Sun World International, LLC

<u>Japanese Plum (Prunus salicina)</u>	Suplumtweentyeight	Sun World International, LLC
<u>Japanese Plum (Prunus salicina)</u>	Suplumtweentyfour	Sun World International, LLC
<u>Japanese Plum (Prunus salicina)</u>	Suplumtweentytwo	Sun World International, LLC
<u>Rose (Rosa hybrid)</u>	NOA831OOB	Reinhard Noack
<u>Rose (Rosa hybrid)</u>	Lexaanans	Lex Voorn Rozenveredeling
<u>Rose (Rosa hybrid)</u>	Lexarev	Lex Voorn Rozenveredeling
<u>Rose (Rosa hybrid)</u>	Krilloween	Lux Riviera S.r.l.
<u>Rose (Rosa hybrid)</u>	WEKbecfoj	Weeks Wholesale Rose Grower Inc.
<u>Rose (Rosa hybrid)</u>	FRYcentury	Gareth Fryer
<u>Rose (Rosa hybrid)</u>	Preratemp Purple	Preesman Royalty B.V.
<u>Rose (Rosa hybrid)</u>	WEKosupalz	Weeks Wholesale Rose Grower Inc.
<u>Rose (Rosa hybrid)</u>	WEKmorfis	Weeks Wholesale Rose Grower Inc.
<u>Rose (Rosa hybrid)</u>	WEKhilpurnil	Weeks Wholesale Rose Grower Inc.
<u>Rose (Rosa hybrid)</u>	JACthain	Jackson & Perkins Wholesale, Inc.
<u>Rose (Rosa hybrid)</u>	JACtourn	Jackson & Perkins Wholesale, Inc.
<u>Rose (Rosa hybrid)</u>	JACadyna	Jackson & Perkins Wholesale, Inc.
<u>Rose (Rosa hybrid)</u>	JACepirt	Jackson & Perkins Wholesale, Inc.
<u>Rose (Rosa hybrid)</u>	WEKsunvoye	Weeks Wholesale Rose Grower Inc.
<u>Rose (Rosa hybrid)</u>	Preruclou	Preesman Royalty B.V.
<u>Rose (Rosa hybrid)</u>	WEKsprouses	Weeks Wholesale Rose Grower Inc.
<u>Rose (Rosa hybrid)</u>	JACweave	Jackson & Perkins Wholesale, Inc.
<u>Rose (Rosa hybrid)</u>	Lexletacsum	Lex Voorn Rozenveredeling
<u>Rose (Rosa hybrid)</u>	Grandant	Mr H Schreuders
<u>Rose (Rosa hybrid)</u>	Crohimagi	Preesman Royalty B.V.
<u>Rose (Rosa hybrid)</u>	Preruclas	Preesman Royalty B.V.
<u>Rose (Rosa hybrid)</u>	Olijkiwi	Olij Innovation BV

<u>Sugarcane</u> <u>(<i>Saccharum hybrid</i>)</u>	Q233	BSES Limited
<u>Sugarcane</u> <u>(<i>Saccharum hybrid</i>)</u>	Q234	BSES Limited
<u>Sugarcane</u> <u>(<i>Saccharum hybrid</i>)</u>	QS96-2174	BSES Limited
<u>Sugarcane</u> <u>(<i>Saccharum hybrid</i>)</u>	Q232	BSES Limited
<u>Wheat (<i>Triticum aestivum</i>)</u>	LongReach Crusader	LongReach Plant Breeders Management Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	LongReach Dakota	LongReach Plant Breeders Management Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	LongReach Lincoln	The New Zealand Institute for Crop & Food Research Limited
<u>Wheat (<i>Triticum aestivum</i>)</u>	LongReach Hornet	LongReach Plant Breeders Management Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	LongReach Bullet	LongReach Plant Breeders Management Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	LongReach Catalina	LongReach Plant Breeders Management Pty Ltd
<u>Wheat (<i>Triticum aestivum</i>)</u>	LongReach Guardian	LongReach Plant Breeders Management Pty Ltd
<u>Rabbiteye Blueberry</u> <u>(<i>Vaccinium ashei</i>)</u>	C96-97	CostaExchange Ltd
<u>Southern Highbush Blueberry</u> <u>(<i>Vaccinium hybrid</i>)</u>	C01-43	BerryExchange (a division of CostaExchange Ltd)
<u>Southern Highbush Blueberry</u> <u>(<i>Vaccinium hybrid</i>)</u>	C97-41	BerryExchange (a division of CostaExchange Ltd)
<u>Southern Highbush Blueberry</u> <u>(<i>Vaccinium hybrid</i>)</u>	FL92-84	Florida Foundation Seed Producers, Inc
<u>Southern Highbush Blueberry</u> <u>(<i>Vaccinium hybrid</i>)</u>	C95-12	BerryExchange (a division of CostaExchange Ltd)
<u>Southern Highbush Blueberry</u> <u>(<i>Vaccinium hybrid</i>)</u>	C95-115	BerryExchange (a division of CostaExchange Ltd)

Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)	C00-09	BerryExchange (a division of CostaExchange Ltd)
Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)	Sweetcrisp	Florida Foundation Seed Producers, Inc
Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)	Springhigh	Florida Foundation Seed Producers, Inc
Prickly Couch (<i>Zoysia macrantha</i>)	MAC03	Ozbreed Pty Ltd
Zoysia Grass (<i>Zoysia matrella</i>)	A-1	GeneGro Pty Ltd



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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Blue Flax-Lily (*Dianella caerulea*)

Variety: 'DC150'

Synonym: N/A

Application no: 2006/181

Current status: ACCEPTED

Certificate no: N/A

Received: 06-Jul-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Varieties Journal:

Title Holder: Craig Waters

Agent: N/A

Telephone: 0265860100

Fax: 0265860200

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Blue Flax-Lily (*Dianella caerulea*)

Variety: 'DC101'

Synonym: N/A

Application no: 2006/182

Current status: ACCEPTED

Certificate no: N/A

Received: 06-Jul-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Varieties Journal:

Title Holder: Craig Waters

Agent: N/A

Telephone: 0265860100

Fax: 0265860200

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Crown of Thorns (*Euphorbia hybrid*)

Variety: 'EU4'

Synonym: N/A

Application no: 2007/230

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Sep-2007

Accepted: 26-Sep-2007

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Journal:

Title Holder: Darwin Plant Wholesalers

Agent: N/A

Telephone: 0889881888

Fax: 0889882110

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Field Pea (*Pisum sativum*)

Variety: 'SW Celine'

Synonym: N/A

Application no: 2006/070

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Apr-2006

Accepted: 16-May-2006

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

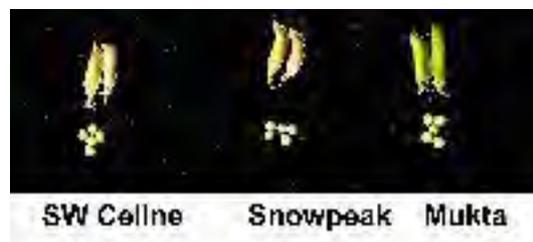
Title Holder: Svalof Weibull AB

Agent: Access Genetics Pty Ltd

Telephone: 0357976281

Fax: 0357976307

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Flax lily (*Dianella ensifolia*)

Variety: 'DarwinGold'

Synonym: N/A

Application no: 2007/229

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Sep-2007

Accepted: 01-Nov-2007

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Darwin Plant Wholesalers

Agent: N/A

Telephone: 0889881888

Fax: 0889882110

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Flax lily (*Dianella tasmanica*)

Variety: 'Rainbow'

Synonym: N/A

Application no: 2005/249

Current status: ACCEPTED

Certificate no: N/A

Received: 15-Jul-2005

Accepted: 15-Aug-2005

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Phillip Allen Dowling

Agent: N/A

Telephone: 0887266210

Fax: 0887266333

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Flax lily (*Dianella tasmanica*)

Variety: 'Splice'

Synonym: N/A

Application no: 2005/248

Current status: ACCEPTED

Certificate no: N/A

Received: 15-Jul-2005

Accepted: 15-Aug-2005

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Phillip Allen Dowling

Agent: N/A

Telephone: 0887266210

Fax: 0887266333

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Flax lily (*Dianella tasmanica*)

Variety: 'Little Devil'

Synonym: N/A

Application no: 2005/300

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Aug-2005

Accepted: 22-Nov-2005

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Phillip Allen Dowling

Agent: N/A

Telephone: 0887266210

Fax: 0887266333

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Hybrid Green Couch Grass (*Cynodon transvaalensis* x *C. dactylon*)

Variety: 'AGRD'

Synonym: N/A

Application no: 2004/299

Current status: ACCEPTED

Certificate no: N/A

Received: 01-Nov-2004

Accepted: 29-Nov-2004

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

▪ **Title Holder:** Grasslanz Technology Limited ▪

Agent: Griffith Hack

Telephone: 0732217200

Fax: 0732211245

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Hydrangea (*Hydrangea macrophylla*)

Variety: 'Rabearth'
Synonym: Blue Earth

Application no: 2005/093

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Mar-2005

Accepted: 17-Aug-2005

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Journal:

Title Holder: Franz-Xaver Rampp

Agent: Lifetech Laboratories Ltd

Telephone: 0243810051

Fax: 0243810071

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Hydrangea (*Hydrangea macrophylla*)

Variety: 'Ramars'

Synonym: N/A

Application no: 2005/094

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Mar-2005

Accepted: 24-Aug-2005

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Varieties

Journal:

Title Holder: Franz-Xaver Rampp

Agent: Lifetech Laboratories Ltd

Telephone: 0243810051

Fax: 0243810071

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Japanese Plum (*Prunus salacina*)

Variety: 'Suplumtwentythree'

Synonym: SP23

Application no: 2006/162

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Jun-2006

Accepted: 01-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Sun World International, LLC

Agent: Sun World Australasia

Telephone: 0263360655

Fax: 0263361633

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Japanese Plum (*Prunus salicina*)

Variety: 'Suplumtweentyeight'

Synonym: SP28

Application no: 2006/164

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Jun-2006

Accepted: 01-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Sun World International, LLC

Agent: Sun World Australasia

Telephone: 0263360655

Fax: 0263361633

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Japanese Plum (*Prunus salicina*)

Variety: 'Suplumtwentyfour'

Synonym: SP24

Application no: 2006/163

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Jun-2006

Accepted: 01-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Sun World International, LLC

Agent: Sun World Australasia

Telephone: 0263360655

Fax: 0263361633

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Japanese Plum (*Prunus salicina*)

Variety: 'Suplumttwentytwo'

Synonym: SP22

Application no: 2006/161

Current status: ACCEPTED

Certificate no: N/A

Received: 26-Jun-2006

Accepted: 01-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Sun World International, LLC

Agent: Sun World Australasia

Telephone: 0263360655

Fax: 0263361633

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Plant Varieties Journal - Search Result Details

Lily (*Lilium hybrid*)

Variety: 'Mothers Choice'

Synonym: N/A

Application no: 2005/156

Current status: ACCEPTED

Certificate no: N/A

Received: 19-May-2005

Accepted: 29-Jul-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Mak 't Zand B.V.

Agent: A J Park

Telephone: N/A

Fax: N/A

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Matt Rush (*Lomandra confertifolia* ssp *rubiginosa*)

Variety: 'Merlom Ruby'

Synonym: N/A

Application no: 2006/246

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Aug-2006

Accepted: 12-Dec-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Merricks Nursery

Agent: N/A

Telephone: 0359831412

Fax: 0359832011

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peruvian Lily (*Alstroemeria hybrid*)

Variety: 'Zalsaden'

Synonym: Denver

Application no: 2007/121

Current status: ACCEPTED

Certificate no: N/A

Received: 27-Apr-2007

Accepted: 13-Jun-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Van Zanten Plants B.V.

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: N/A

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peruvian Lily (*Alstroemeria hybrid*)

Variety: 'Zalsalan'

Synonym: Avalange

Application no: 2007/118

Current status: ACCEPTED

Certificate no: N/A

Received: 27-Apr-2007

Accepted: 13-Jun-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Van Zanten Plants B.V.

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: N/A

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peruvian Lily (*Alstroemeria hybrid*)

Variety: 'Zalsadon'

Synonym: Snowdon

Application no: 2007/120

Current status: ACCEPTED

Certificate no: N/A

Received: 27-Apr-2007

Accepted: 13-Jun-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Van Zanten Plants B.V.

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: N/A

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peruvian Lily (*Alstroemeria hybrid*)

Variety: 'Zalsachic'

Synonym: Chicago

Application no: 2007/119

Current status: ACCEPTED

Certificate no: N/A

Received: 27-Apr-2007

Accepted: 13-Jun-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

▪ **Title Holder:** Van Zanten Plants B.V. ▪

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: N/A

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peruvian Lily (*Alstroemeria hybrid*)

Variety: 'Zalsamon'

Synonym: Lemon

Application no: 2007/122

Current status: ACCEPTED

Certificate no: N/A

Received: 27-Apr-2007

Accepted: 13-Jun-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Van Zanten Plants B.V.

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: N/A

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Phalaris (*Phalaris aquatica*)

Variety: 'Holdfast GT'

Synonym: N/A

Application no: 2007/193

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Jul-2007

Accepted: 17-Aug-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Commonwealth Scientific and Industrial Research Organisation and Australian Wool Innovation Limited

Agent: N/A

Telephone: 0262464911

Fax: 0262465000

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Phalaris (*Phalaris hybrid*)

Variety: 'Advanced AT'

Synonym: N/A

Application no: 2007/188

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Jul-2007

Accepted: 27-Aug-2007

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

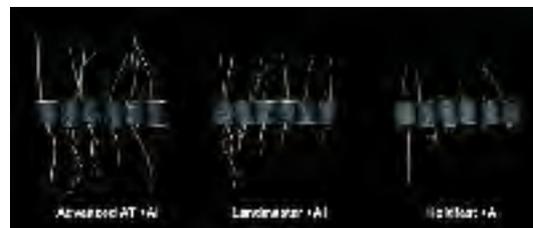
Title Holder: Commonwealth Scientific and Industrial Research Organisation and Australian Wool Innovation Limited

Agent: N/A

Telephone: 0262464911

Fax: 0262465000

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Prickly Couch (*Zoysia macrantha*)

Variety: 'MAC03'

Synonym: Nara

Application no: 2007/275

Current status: ACCEPTED

Certificate no: N/A

Received: 05-Oct-2007

Accepted: 30-Nov-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Varieties Journal:

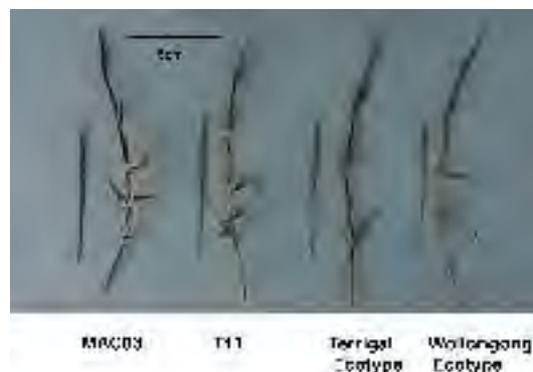
Title Holder: Ozbreed Pty Ltd

Agent: N/A

Telephone: 0245780866

Fax: 0245780855

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rabbiteye Blueberry (*Vaccinium ashei*)

Variety: 'C96-97'

Synonym: N/A

Application no: 2005/081

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Mar-2005

Accepted: 19-May-2005

Granted: N/A

Description

published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: CostaExchange Ltd

Agent: N/A

Telephone: 0266492921

Fax: 0266492994

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rhodes Grass (*Chloris gayana*)

Variety: 'KP4'

Synonym: N/A

Application no: 2006/189

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jul-2006

Accepted: 13-Sep-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Varieties Journal:

Title Holder: State of Queensland through its Department of Primary Industries and Fisheries

Agent: N/A

Telephone: 0732390802

Fax: 0732393948

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'NOA83100B'

Synonym: N/A

Application no: 2006/125

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Jun-2006

Accepted: 05-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Varieties Journal:

Title Holder: Reinhard Noack

Agent: Flower Carpet Pty Ltd

Telephone: 0397379568

Fax: 0397379899

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Lexaanas'

Synonym: N/A

Application no: 2006/113

Current status: ACCEPTED

Certificate no: N/A

Received: 18-May-2006

Accepted: 30-May-2006

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Journal:

Title Holder: Lex Voorn Rozenveredeling

Agent: Grandiflora Nurseries Pty Ltd

Telephone: 0397822777

Fax: 0397822576

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IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Lexarev'

Synonym: N/A

Application no: 2006/114

Current status: ACCEPTED

Certificate no: N/A

Received: 18-May-2006

Accepted: 30-May-2006

Granted: N/A

Description published in

Plant Volume 21, Issue 1

Varieties

Journal:

Title Holder: Lex Voorn Rozenveredeling

Agent: Grandiflora Nurseries Pty Ltd

Telephone: 0397822777

Fax: 0397822576

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Krilloween'

Synonym: N/A

Application no: 2006/042

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Mar-2006

Accepted: 30-May-2006

Granted: N/A

Description published in

Plant Volume 21, Issue 1

Varieties

Journal:

Title Holder: Lux Riviera S.r.l.

Agent: Grandiflora Nurseries Pty Ltd

Telephone: 0397822777

Fax: 0397822576

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'WEKbecfoj'
Synonym: Soaring Spirits

Application no: 2007/079

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 01-May-2007

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Weeks Wholesale Rose Grower Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'FRYcentury'

Synonym: Daybreaker

Application no: 2007/077

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 24-Apr-2007

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Journal:

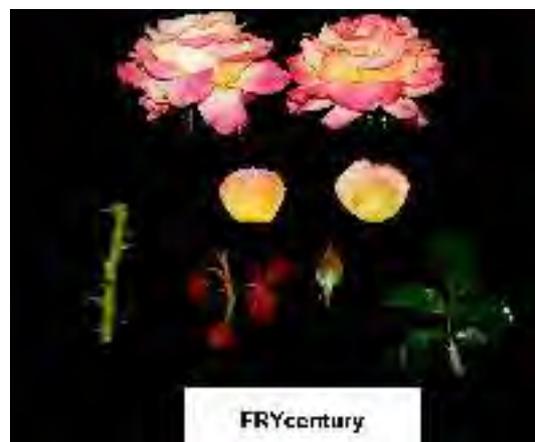
Title Holder: Gareth Fryer

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: 029652146

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Preratemp Purple'

Synonym: N/A

Application no: 2006/233

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Aug-2006

Accepted: 26-Oct-2006

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Title Holder:

Preesman Royalty B.V.

Agent: Roskam Young Plants Pty Ltd

Telephone: 0395510216

Fax: 0395510217

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'WEKosupalz'

Synonym: About Face

Application no: 2007/084

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 17-Apr-2007

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Title Holder: Weeks Wholesale Rose Grower Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'WEKmorfis'

Synonym: Route 66

Application no: 2007/083

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 17-Apr-2007

Granted: N/A

Description published in Plant

Volume 21, Issue 1

Varieties Journal:

Title Holder: Weeks Wholesale Rose Grower Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'WEKhilpurnil'

Synonym: Neptune

Application no: 2007/080

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 26-Apr-2007

Granted: N/A

Description published in Plant

Volume 21, Issue 1

Varieties Journal:

Title Holder: Weeks Wholesale Rose Grower Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'JACthain'

Synonym: Tuscan Sun

Application no: 2007/070

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 11-Apr-2007

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Title Holder: Jackson & Perkins Wholesale, Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'JACtourn'

Synonym: N/A

Application no: 2007/072

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 27-Apr-2007

Granted: N/A

Description published in Plant

Volume 21, Issue 1

Varieties Journal:

Title Holder: Jackson & Perkins Wholesale, Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'JACadyna'
Synonym: High Society

Application no: 2007/073

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 11-Apr-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Journal:

Title Holder: Jackson & Perkins Wholesale, Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'JACepirt'

Synonym: N/A

Application no: 2007/074

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 27-Apr-2007

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Jackson & Perkins Wholesale, Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'WEKsunvoye'

Synonym: Sunstruck

Application no: 2007/078

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 03-May-2007

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Weeks Wholesale Rose Grower Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Preruclou'

Synonym: N/A

Application no: 2006/231

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Aug-2006

Accepted: 26-Sep-2006

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Journal:

Title Holder: Preesman Royalty B.V.

Agent: Roskam Young Plants Pty Ltd

Telephone: 0395510216

Fax: 0395510217

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'WEKsproulses'

Synonym: Honey Dijon

Application no: 2007/081

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 03-May-2007

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Title Holder: Weeks Wholesale Rose Grower Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'JACweave'
Synonym: Social Climber

Application no: 2007/076

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Mar-2007

Accepted: 27-Apr-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Jackson & Perkins Wholesale, Inc.

Agent: Swane's Nurseries Australia Pty Limited

Telephone: 0296511322

Fax: N/A

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Lexletacsum'

Synonym: N/A

Application no: 2006/225

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Aug-2006

Accepted: 26-Sep-2006

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Title Holder:

Lex Voorn Rozenveredeling

Agent: Grandiflora Nurseries Pty Ltd

Telephone: 0397822777

Fax: 0397822576

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Grandant'

Synonym: N/A

Application no: 2006/226

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Aug-2006

Accepted: 26-Sep-2006

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Title Holder: Mr H Schreuders

Agent: Grandiflora Nurseries Pty Ltd

Telephone: 0397822777

Fax: 0397822576

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Crohimagi'

Synonym: N/A

Application no: 2006/227

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Aug-2006

Accepted: 26-Sep-2006

Granted: N/A

Description published in

Plant Volume 21, Issue 1

Varieties

Journal:

Title Holder: Preesman Royalty B.V.

Agent: Roskam Young Plants Pty Ltd

Telephone: 0395510216

Fax: 0395510217

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Preruclas'

Synonym: N/A

Application no: 2006/232

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Aug-2006

Accepted: 26-Sep-2006

Granted: N/A

Description published in

Plant Volume 21, Issue 1

Varieties

Journal:

Title Holder: Preesman Royalty B.V.

Agent: Roskam Young Plants Pty Ltd

Telephone: 0395510216

Fax: 0395510217

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Olijkiwi'

Synonym: N/A

Application no: 2007/014

Current status: ACCEPTED

Certificate no: N/A

Received: 12-Jan-2007

Accepted: 02-Mar-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Varieties Journal:

Title Holder: Olij Innovation BV

Agent: Grandiflora Nurseries Pty Ltd

Telephone: 0397822777

Fax: 0397822576

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Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Seashore Paspalum (*Paspalum vaginatum*)

Variety: 'SI98'
Synonym: Sea Isle Supreme

Application no: 2008/073

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Mar-2008

Accepted: 30-Apr-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: University of Georgia Research Foundation, Inc.

Agent: State of Queensland through its Department of Primary Industries and Fisheries

Telephone: 0732393025

Fax: 0732383948

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Seashore Paspalum (*Paspalum vaginatum* Swartz)

Variety: 'SDX-1'

Synonym: N/A

Application no: 2006/160

Current status: ACCEPTED

Certificate no: N/A

Received: 20-Jun-2006

Accepted: 11-Mar-2008

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

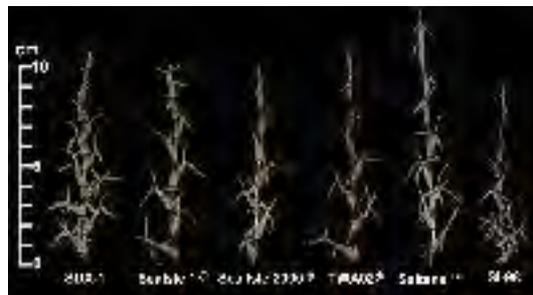
Title Holder: SFR Holding Company Inc

Agent: Gai Kapernick

Telephone: 0733422778

Fax: 0733422955

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'C01-43'

Synonym: N/A

Application no: 2007/272

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Oct-2007

Accepted: 16-Nov-2007

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Title Holder: BerryExchange (a division of CostaExchange Ltd)

Agent: N/A

Telephone: 0266492921

Fax: 0266492994

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





Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)**Variety:** 'C97-41'**Synonym:** N/A**Application no:** 2007/273**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Oct-2007**Accepted:** 16-Nov-2007**Granted:** N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: BerryExchange (a division of CostaExchange Ltd)**Agent:** N/A**Telephone:** 0266492921**Fax:** 0266492994

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





Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'FL92-84'

Synonym: N/A

Application no: 2007/266

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Oct-2007

Accepted: 10-Dec-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

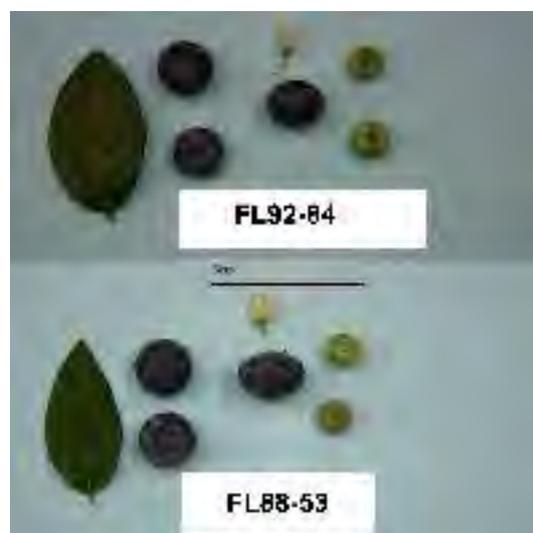
Title Holder: Florida Foundation Seed Producers, Inc

Agent: BerryExchange (a division of CostaExchange Ltd)

Telephone: 0266492921

Fax: 0266492994

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'C95-12'

Synonym: N/A

Application no: 2007/271

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Oct-2007

Accepted: 16-Nov-2007

Granted: N/A

Description published in

Plant Volume 21, Issue 1

Varieties

Journal:

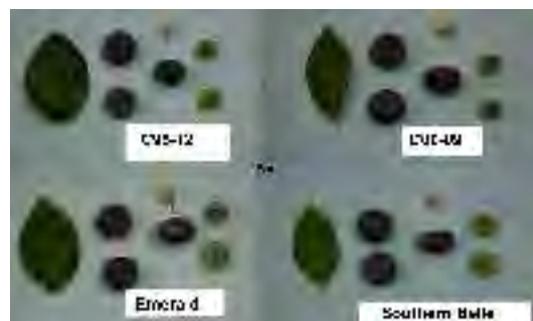
Title Holder: BerryExchange (a division of CostaExchange Ltd)

Agent: N/A

Telephone: 0266492921

Fax: 0266492994

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





Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)**Variety:** 'C95-115'**Synonym:** N/A**Application no:** 2007/270**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Oct-2007**Accepted:** 16-Nov-2007**Granted:** N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: BerryExchange (a division of CostaExchange Ltd)**Agent:** N/A**Telephone:** 0266492921**Fax:** 0266492994

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'COO-09'

Synonym: N/A

Application no: 2007/269

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Oct-2007

Accepted: 16-Nov-2007

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Title Holder: BerryExchange (a division of CostaExchange Ltd)

Agent: N/A

Telephone: 0266492921

Fax: 0266492994

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'Sweetcrisp'

Synonym: N/A

Application no: 2007/262

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Oct-2007

Accepted: 10-Dec-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Florida Foundation Seed Producers, Inc

Agent: BerryExchange (a division of CostaExchange Ltd)

Telephone: 0266492921

Fax: 0266492994

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





Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'Springhigh'

Synonym: N/A

Application no: 2007/263

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Oct-2007

Accepted: 10-Dec-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

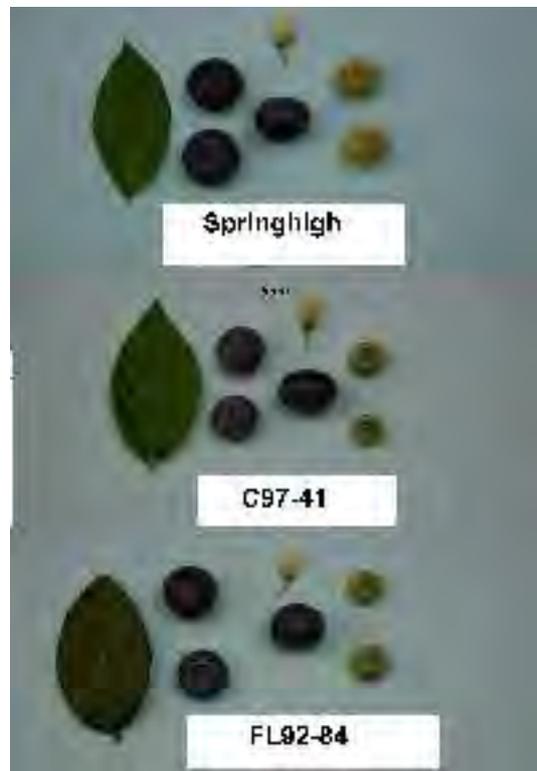
Title Holder: Florida Foundation Seed Producers, Inc

Agent: BerryExchange (a division of CostaExchange Ltd)

Telephone: 0266492921

Fax: 0266492994

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Spiny Headed Mat Rush (*Lomandra hystrix*)

Variety: 'WN002'

Synonym: N/A

Application no: 2006/277

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Oct-2006

Accepted: 01-Dec-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Deborah Roberts

Agent: N/A

Telephone: 0266882272

Fax: N/A

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



I. hystrix
female parent

WN002



Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Spiny Headed Mat Rush (*Lomandra longifolia*)

Variety: 'WAU 65'

Synonym: N/A

Application no: 2006/183

Current status: ACCEPTED

Certificate no: N/A

Received: 06-Jul-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Title Holder: Craig Waters

Agent: N/A

Telephone: 0265860100

Fax: 0265860200

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'Q233'

Synonym: N/A

Application no: 2007/219

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Aug-2007

Accepted: 17-Sep-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

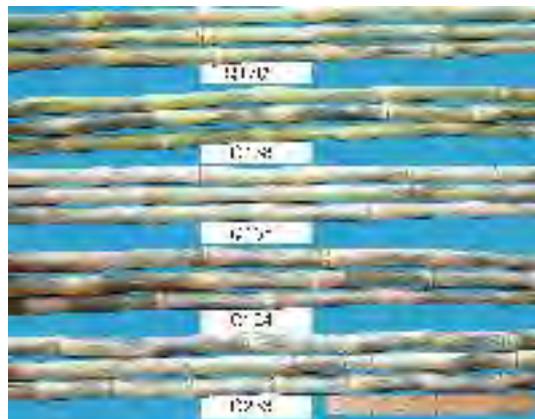
Title Holder: BSES Limited

Agent: N/A

Telephone: 0733313333

Fax: 0738710383

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'Q234'

Synonym: N/A

Application no: 2007/220

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Aug-2007

Accepted: 17-Sep-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

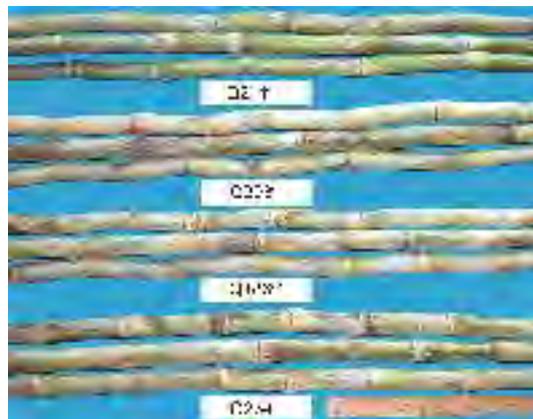
Title Holder: BSES Limited

Agent: N/A

Telephone: 0733313333

Fax: 0738710383

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'QS96-2174'

Synonym: N/A

Application no: 2007/223

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Aug-2007

Accepted: 17-Sep-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

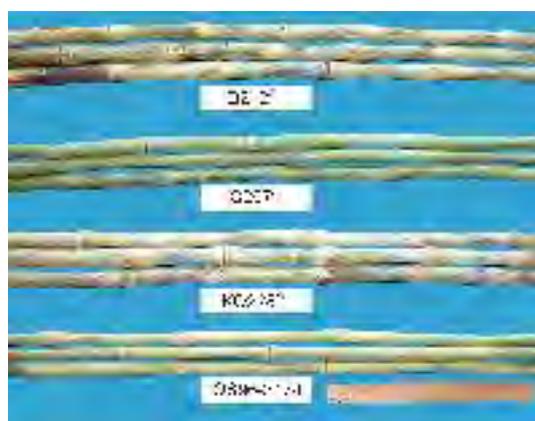
Title Holder: BSES Limited

Agent: N/A

Telephone: 0733313333

Fax: 0738710383

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





Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'Q232'

Synonym: N/A

Application no: 2007/218

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Aug-2007

Accepted: 17-Sep-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

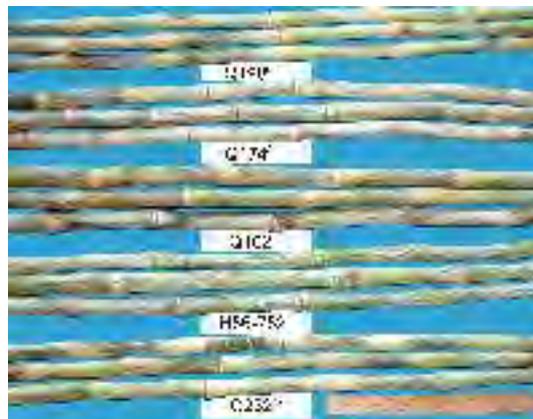
Title Holder: BSES Limited

Agent: N/A

Telephone: 0733313333

Fax: 0738710383

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





Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Watermelon (*Citrullus lanatus*)

Variety: 'SP-4'

Synonym: N/A

Application no: 2007/233

Current status: ACCEPTED

Certificate no: N/A

Received: 12-Sep-2007

Accepted: 26-Nov-2007

Granted: N/A

Description published in Plant Varieties Journal:

Volume 21, Issue 1

Title Holder: Syngenta Crop Protection AG

Agent: Syngenta Seeds Pty Ltd

Telephone: 0397063033

Fax: 0397063182

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'LongReach Crusader'

Synonym: LRPB Crusader

Application no: 2007/127

Current status: ACCEPTED

Certificate no: N/A

Received: 08-May-2007

Accepted: 17-May-2007

Granted: N/A

Description published in

Plant Varieties Journal: Volume 21, Issue 1

Journal:

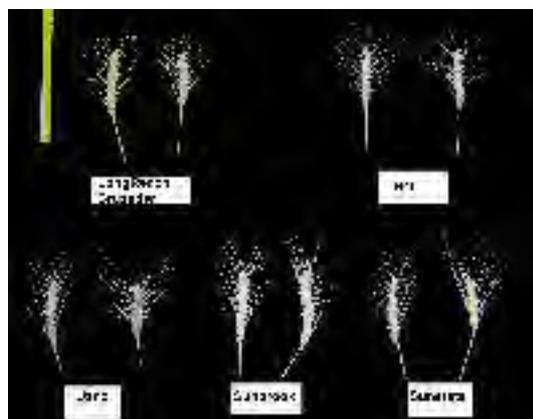
Title Holder: LongReach Plant Breeders Management Pty Ltd

Agent: N/A

Telephone: 0394793214

Fax: 0394553808

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'LongReach Dakota'

Synonym: LRPB Dakota

Application no: 2007/126

Current status: ACCEPTED

Certificate no: N/A

Received: 08-May-2007

Accepted: 17-May-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

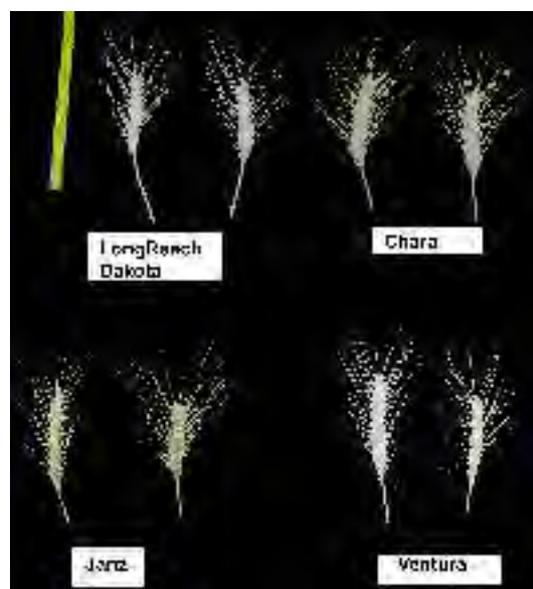
Title Holder: LongReach Plant Breeders Management Pty Ltd

Agent: N/A

Telephone: 0394793214

Fax: 0394553808

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'LongReach Lincoln'

Synonym: LRPB Lincoln

Application no: 2007/173

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Jul-2007

Accepted: 23-Jul-2007

Granted: N/A

Description published in Plant

Volume 21, Issue 1

Varieties Journal:

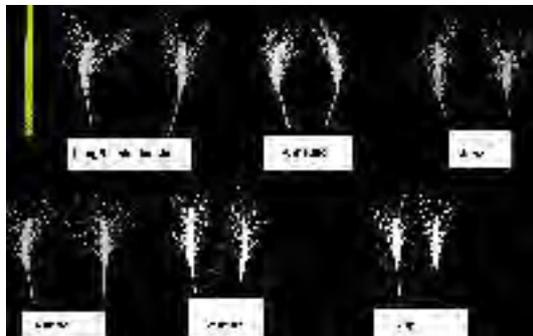
Title Holder: The New Zealand Institute for Crop & Food Research Limited

Agent: LongReach Plant Breeders Management Pty Ltd

Telephone: 0394793214

Fax: 0394553808

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'LongReach Hornet'

Synonym: LRPB Hornet

Application no: 2007/171

Current status: ACCEPTED

Certificate no: N/A

Received: 05-Jul-2007

Accepted: 19-Jul-2007

Granted: N/A

Description published in Plant Varieties

Journal: Volume 21, Issue 1

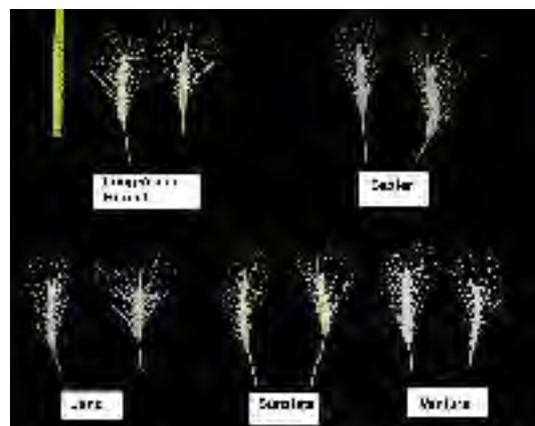
Title Holder: LongReach Plant Breeders Management Pty Ltd

Agent: N/A

Telephone: 0394793214

Fax: 0394553808

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'LongReach Bullet'

Synonym: LPB0423

Application no: 2007/238

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Sep-2007

Accepted: 07-Oct-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Journal:

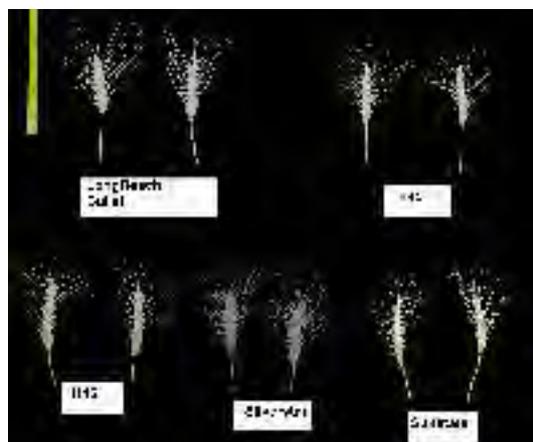
Title Holder: LongReach Plant Breeders Management Pty Ltd

Agent: N/A

Telephone: 0394793214

Fax: 0394553808

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





Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'LongReach Catalina'

Synonym: LRPB Catalina

Application no: 2006/296

Current status: ACCEPTED

Certificate no: N/A

Received: 15-Nov-2006

Accepted: 17-Jan-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

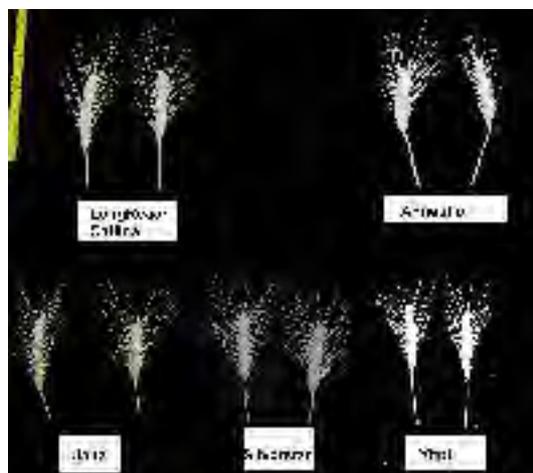
Title Holder: LongReach Plant Breeders Management Pty Ltd

Agent: N/A

Telephone: 0394793214

Fax: 0394553808

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'LongReach Guardian'

Synonym: LRPB Guardian

Application no: 2006/295

Current status: ACCEPTED

Certificate no: N/A

Received: 15-Nov-2006

Accepted: 17-Jan-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

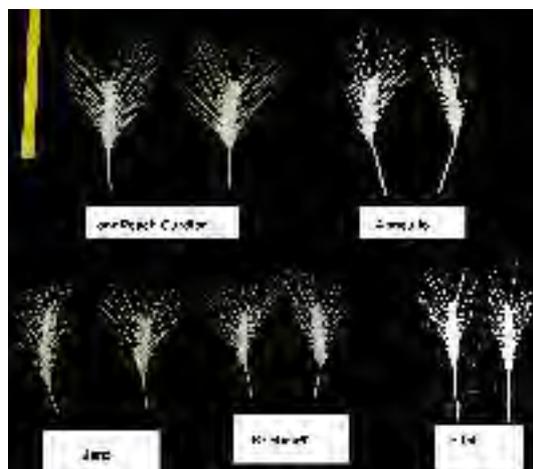
Title Holder: LongReach Plant Breeders Management Pty Ltd

Agent: N/A

Telephone: 0394793214

Fax: 0394553808

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Zoysia Grass (*Zoysia matrella*)

Variety: 'A-1'

Synonym: N/A

Application no: 2008/091

Current status: ACCEPTED

Certificate no: N/A

Received: 28-Mar-2008

Accepted: 06-May-2008

Granted: N/A

Description published in Plant Varieties Journal: Volume 21, Issue 1

Title Holder: GeneGro Pty Ltd

Agent: N/A

Telephone: 0738245440

Fax: 0738245445

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



Details of Application

Application Number	2006/181
Variety Name	'DC150'
Genus Species	<i>Dianella caerulea</i>
Common Name	Blue Flax-Lily
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	Craig Waters, Wauchope, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Wauchope, NSW.
Descriptor	Dianella (<i>Dianella</i>) PBR DIAN.
Period	Summer-autumn 2007.
Conditions	Trial conducted in open beds, plants propagated from cuttings, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	2001.

Origin and Breeding

Seedling selection: seed parent *Dianella caerulea*. The seed parent is characterised by medium length aerial stems and medium to tall plant height. Selection took place in Wauchope, NSW in 2004-5. Selection criteria: short plant height, compact growth habit. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeder: Craig Waters, Wauchope, 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	erect
Plant	aerial stem	absent to very short
Plant	height	short to medium
Stem	length of internodes	short
Leaf	attitude	erect
Leaf	width	medium
Leaf	variegation	absent
Leaf	glaucosity of upper side	weak
Basal leaf sheath	anthocyanin colouration (in summer)	red-purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DCMP01'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>D. caerulea</i>	Plant aerial stem	absent to very short	medium	seed parent
'DCNCO'	Plant height	short to medium	tall	
'DC101'	Plant height	short to medium	tall	
'DBB03'	Leaf glaucosity of upper side	weak	strong	
'John 316'	Plant height	short to medium	tall	

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

Organ/Plant Part: Context	'DC150'	'DCMP01'
<input type="checkbox"/> Plant: growth habit	erect	erect
<input checked="" type="checkbox"/> Plant: height	short to medium	short
<input type="checkbox"/> Plant: density of shoots	medium to dense	dense
<input type="checkbox"/> Stem: length of internodes	short	short
<input type="checkbox"/> Leaf: attitude	erect	erect
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> Leaf: glaucosity of upper side	weak	weak
<input type="checkbox"/> Leaf: colour of upper side (waxiness removed) (RHS colour chart)	146A	ca 146A
<input type="checkbox"/> Leaf: colour of lower side (waxiness removed) (RHS colour chart)	146B	144A
<input type="checkbox"/> Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: shape of blade	ligulate	ligulate
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input type="checkbox"/> Leaf: cross-section	concave	concave
<input checked="" type="checkbox"/> Leaf: spines on margin	present	absent
<input type="checkbox"/> Leaf: prominence of spines on margin	weak	
<input checked="" type="checkbox"/> Leaf: spines on lower side of midrib	present	absent
<input type="checkbox"/> Leaf: prominence of spines on lower side of midrib	weak	
<input type="checkbox"/> Basal leaf sheath: anthocyanin colouration (in summer)	red-purple	red-purple
<input checked="" type="checkbox"/> Basal leaf sheath: intensity of anthocyanin colouration	medium to strong	weak
<input type="checkbox"/> Inflorescence: height in relation to foliage	above	above
<input checked="" type="checkbox"/> Flower: colour of perianth (RHS colour chart)	92A-94C	ca 90A
<input type="checkbox"/> Flower: colour of anther (RHS colour chart)	13A base to 13C distal	ca 11A

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'DC150'	'DCMP01'
<input checked="" type="checkbox"/> Flower : colour of bud (RHS)	79A	89A

Statistical Table

Organ/Plant Part: Context	'DC150'	'DCMP01'
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	31.10	22.60
Std. Deviation	4.10	2.00
LSD/sig	3.7	P≤0.01
<input type="checkbox"/> Leaf: width (mm)		
Mean	10.91	10.20
Std. Deviation	0.80	0.60
LSD/sig	0.81	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2006/182
Variety Name	'DC101'
Genus Species	<i>Dianella caerulea</i>
Common Name	Blue Flax-Lily
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	Craig Waters, Wauchope, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Wauchope, NSW.
Descriptor	Dianella (<i>Dianella</i>) PBR DIAS.
Period	Summer-autumn 2007.
Conditions	Trial conducted in open beds, plants propagated from cuttings, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	1995.

Origin and Breeding

Seedling selection: seed parent *Dianella caerulea*. The seed parent is characterised by medium length aerial stems, medium to tall plant height and weak leaf sheath anthocyanin coloration. Selection took place in Wauchope, NSW in 2004-5. Selection criteria: strong leaf sheath anthocyanin coloration. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeder: Craig Waters, Wauchope, 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	erect
Plant	aerial stem	absent to very short
Plant	height	tall
Stem	length of internodes	short
Leaf	attitude	erect
Leaf	width	medium
Leaf	variegation	absent
Leaf	glaucosity of upper side	weak
Basal leaf sheath	anthocyanin colouration (in summer)	red-purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DCNCO'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>D. caerulea</i>	Plant aerial stem	absent to very short	medium	seed parent
'DC150'	Plant height	tall	short to medium	
'DCMP01'	Plant height	tall	short	
'DBB03'	Leaf glaucosity of upper side	weak	strong	
'John 316'	Leaf glaucosity of upper side	weak	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	'DC101'	'DCNCO'
<input type="checkbox"/> Plant: growth habit	erect	erect
<input type="checkbox"/> Plant: height	tall	tall
<input type="checkbox"/> Plant: density of shoots	medium	medium to dense
<input type="checkbox"/> Stem: length of internodes	short	short
<input type="checkbox"/> Leaf: attitude	erect	erect
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> Leaf: glaucosity of upper side	weak	weak
<input type="checkbox"/> Leaf: colour of upper side (waxiness removed) (RHS colour chart)	146A	146A
<input type="checkbox"/> Leaf: colour of lower side (waxiness removed) (RHS colour chart)	146B	146B
<input type="checkbox"/> Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: shape of blade	ligulate	ligulate
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input type="checkbox"/> Leaf: cross-section	concave	concave
<input type="checkbox"/> Leaf: spines on margin	present	present
<input type="checkbox"/> Leaf: prominence of spines on margin	medium	medium
<input type="checkbox"/> Leaf: spines on lower side of midrib	present	present
<input type="checkbox"/> Leaf: prominence of spines on lower side of midrib	medium	medium
<input type="checkbox"/> Basal leaf sheath: anthocyanin colouration (in summer)	red-purple	red-purple
<input checked="" type="checkbox"/> Basal leaf sheath: intensity of anthocyanin colouration	strong	medium
<input checked="" type="checkbox"/> Inflorescence: height in relation to foliage	above	below
<input type="checkbox"/> Flower: colour of perianth (RHS colour chart)	92A	92A
<input checked="" type="checkbox"/> Flower: colour of anther (RHS colour chart)	13A base and 8B distal	17A base and 8B distal

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'DC101'	'DCNCO'
<input checked="" type="checkbox"/> Flower : colour of bud (RHS)	187A	92A
<input type="checkbox"/> Flower: reflexing of perianth	strong	strong to very strong

Statistical Table

Organ/Plant Part: Context	'DC101'	'DCNCO'
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	47.00	42.90
Std. Deviation	2.50	3.40
LSD/sig	3.41	P≤0.01
<input type="checkbox"/> Leaf: width (mm)		
Mean	11.60	12.40
Std. Deviation	0.60	1.00
LSD/sig	0.95	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/230
Variety Name	'EU4'
Genus Species	<i>Euphorbia</i> hybrid
Common Name	Crown of Thorns
Synonym	Nil
Accepted Date	26 Sep 2007
Applicant	Darwin Plant Wholesalers, Winnellie, NT
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Lambells Lagoon, NT.
Descriptor	Crown of Thorns (<i>Euphorbia milii</i> & its hybrids) TG/91/3
Period	Autumn 2007-spring 2007.
Conditions	Trial conducted in open beds, plants originally propagated by cuttings, potted into 250mm containers filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: [*Euphorbia milii* var *milii* × *E. milii* var *hislopii*] × *E. lophogona*. The seed parent is characterised by many large thorns, small leaf size and red flower colour. The pollen parent is characterised by a pale pink flower colour with a small flower diameter. 2003: controlled pollination of parent plants grown over a sand bed in a protected environment and subsequent dispersal of seed into the bed. Hundreds of seedlings resulted and these were potted up once they reached a suitable size. They were grown on to flowering and mature size. A single seedling was selected as having the desirable trait of short thorns and large flower size on attractive foliage. Almost all other seedlings retained dominant *E. lophogona* traits and very few showed signs of hybridisation of the parent characters. This single selection was subsequently propagated vegetatively by cuttings and further evaluated for DUS. It was concluded to be distinct from other *Euphorbia* hybrids (typically *milii* hybrids) and the parents. Selection took place in Gordonvale, QLD. Selection criteria: short and few thorns, large flowers, robust foliage. Propagation: vegetative divisions were found to be uniform and stable. Breeder: Steven Prowse, Gordonvale, 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	lateral shoots	present
Leaf	shape	elliptic
Leaf	shape of apex	round
Stem	length of longest spines	short/medium
Cyathophyll	size	medium to large
Cyathophyll	colour group	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jeronimo'	commercial cultivar

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>E. milii</i> hybrid	Stem length of longest spines	short	long	Similar hybrids from S.E. Asia usually called <i>E. milii</i> hybrid have longer spines

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	'EU4'	'Jeronimo'
<input type="checkbox"/> *Plant: height	medium to tall	tall
<input type="checkbox"/> *Plant: width	narrow to medium	narrow
<input type="checkbox"/> *Plant: lateral shoots	present	present
<input type="checkbox"/> *Plant: number of lateral shoots	few	very few to few
<input checked="" type="checkbox"/> Plant: attitude of flowering shoot	erect	strongly erect
<input checked="" type="checkbox"/> *Stem: thickness	thick	medium
<input checked="" type="checkbox"/> *Stem: disposition of spines	grouped	solitary
<input type="checkbox"/> Stem: length of longest spines	short	short to medium
<input checked="" type="checkbox"/> *Leaf: length	long to very long	short
<input checked="" type="checkbox"/> *Leaf: width	broad	narrow to medium
<input type="checkbox"/> *Leaf: shape	elliptic	elliptic
<input type="checkbox"/> *Leaf: shape of apex	round	round
<input type="checkbox"/> *Leaf: colour of upper side	medium green to dark green	medium green
<input type="checkbox"/> Leaf: colour of lower side	light green	light green
<input checked="" type="checkbox"/> Peduncle: length	long	short
<input type="checkbox"/> *Peduncle: colour	green	green
<input type="checkbox"/> Peduncle: intensity of green colour	light to medium	light to medium
<input type="checkbox"/> *Inflorescence: number of levels of cyathia	two	two
<input type="checkbox"/> Cyathophylls: overlapping	present	present
<input type="checkbox"/> *Cyathophyll: size	medium to large	medium to large
<input checked="" type="checkbox"/> *Cyathophyll: colour of upper side (RHS colour chart)	53D	50B

<input checked="" type="checkbox"/>	*Cyathophyll: colour of lower side (RHS colour chart)	55B	49D
<input type="checkbox"/>	Cyathophyll: discolouration at the end of flowering	very weak to weak	absent or very weak
<input type="checkbox"/>	Cyathophyll: prominence of the midrib	weak	weak
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	very early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'EU4'	'Jeronimo'
<input checked="" type="checkbox"/> Stem: shape of cross-section	square	round
<input checked="" type="checkbox"/> Stem: number of rows of spines	4 row	6 row

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2006/070
Variety Name	'SW Celine'
Genus Species	<i>Pisum sativum</i>
Common Name	Field Pea
Synonym	Nil
Accepted Date	16 May 2006
Applicant	Svalof Weibull AB, Svalöv, Sweden.
Agent	Access Genetics Pty Ltd, Laverton North, VIC
Qualified Person	Chris Haire

Details of Comparative Trial

Location	Horsham VIC.
Descriptor	Pea (<i>Pisum sativum</i>) TG 7/9.
Period	Aug 2007 – Dec 2007.
Conditions	Trial was sown on grey cracking soil as 6 row plots. Sowing rate 120kg/Ha. Chemical treatments were Herbicides:pre-sowing trifluralin (1.8L/Ha) Fertiliser: pre-sowing Urea (100Kg/Ha) at sowing Granulock 15 (100Kg/Ha).
Trial Design	Randomised complete block design with 3 replicates.
Measurements	Measurements were taken on 15 individual plants from each replicate (45 plants in total) at random.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination 'Bridge' x 'SW 92519'. Selection criteria: yield, straw stiffness
The variety is derived from a single plant selection in F₅. Elite material is derived from a single F₇ plant. The variety was bred using a classical pedigree method with plant selection in generations F₂ to F₅ then selection based on trials for 3 generations and an elite selection/maintaining procedure using single plant selection in F₆ or F₇ and a clean elite line maintained from there. Selection was based on straw stiffness, yield, disease resistance and earliness. All breeding and selection was conducted in Svalöv, Sweden. From the elite stock the variety has been maintained for 5 generations until sale of C₁ seed in Sweden and new seed can be produced from the same elite stock. There are no known offtypes. Breeder: Tina Heriksson, Svalöv, Sweden.

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	leaflets	absent
Plant	anthocyanin colouration	absent
Flower	colour of standard	white
Seed	shape of starch grains	simple
Seed	black colour of hilum	absent
Stipules	rabbit eared stipules	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Snowpeak'	
'Mukta'	

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	'SW Celine'	'Mukta'	'Snowpeak'
<input checked="" type="checkbox"/> Seed: shape	cylindrical	spherical	spherical
<input type="checkbox"/> *Seed: shape of starch grain	simple	simple	simple
<input type="checkbox"/> *Seed: colour of cotyledon	yellow	yellow	yellow
<input type="checkbox"/> *Seed: black colour of hilum	absent	absent	absent
<input type="checkbox"/> *Plant: anthocyanin colouration	absent	absent	absent
<input type="checkbox"/> Plant: height	short to medium	medium	short to medium
<input type="checkbox"/> Stem: fasciation	absent	absent	absent
<input checked="" type="checkbox"/> Stem: number of nodes up to and including first fertile node	few to medium	medium to many	few to medium
<input type="checkbox"/> *Foliage: colour	green	green	green
<input type="checkbox"/> Foliage: intensity of colour (excluding yellow-green and blue-green varieties)	medium		
<input type="checkbox"/> Foliage: greyish hue	present		
<input type="checkbox"/> *Leaf: leaflets	absent	absent	absent
<input type="checkbox"/> *Stipule: type of development	well developed	well developed	well developed
<input type="checkbox"/> Stipule: 'rabbit-eared stipules'	absent	absent	absent
<input type="checkbox"/> Stipule: waxiness of surface of upper stipule	present		
<input type="checkbox"/> Stipule: length	medium to long	short to medium	medium
<input type="checkbox"/> Stipule: width	medium to broad	narrow to medium	medium
<input type="checkbox"/> *Stipule: flecking	present		
<input type="checkbox"/> Stipule: maximum density of flecking	medium		
<input type="checkbox"/> Petiole: length (varieties without leaflets only)	medium	short	short to medium
<input checked="" type="checkbox"/> *Time of: flowering	early	late	early
<input type="checkbox"/> *Plant: maximum number of flowers per node (non-fasciated varieties only)	two		
<input type="checkbox"/> Flower: colour of standard (varieties without anthocyanin only)	white	white	white
<input type="checkbox"/> Flower: shape of base of standard	arched to strongly arched	raised	
<input type="checkbox"/> *Pod: length	medium to long	medium to long	medium
<input type="checkbox"/> *Pod: maximum width	medium	medium	medium

<input type="checkbox"/> *Pod: degree of curvature	very weak to weak	very weak to weak	weak
<input type="checkbox"/> *Pod: type of curvature	concave	concave	concave
<input type="checkbox"/> *Pod: shape of distal part (varieties without thickened pod wall only)	blunt		blunt
<input type="checkbox"/> *Pod: colour	green	green	green
<input type="checkbox"/> Pod: intensity of green colour	medium		
<input type="checkbox"/> *Pod: number of ovules	medium		
<input checked="" type="checkbox"/> *Seed: weight	large	medium	medium

Statistical Table

Organ/Plant Part: Context	‘SW Celine’	‘Mukta’	‘Snowpeak’
<input checked="" type="checkbox"/> Plant: height (mm)			
Mean	242.98	274.16	243.78
Std. Deviation	43.77	39.14	34.53
LSD/sig	16.56	P≤0.01	ns
<input checked="" type="checkbox"/> Stem: number of nodes up to first fertile node			
Mean	13.33	18.11	13.84
Std. Deviation	1.62	1.85	1.89
LSD/sig	0.79	P≤0.01	ns
<input checked="" type="checkbox"/> Stipule: width (mm)			
Mean	34.36	24.11	26.67
Std. Deviation	6.79	4.80	5.82
LSD/sig	2.46	P≤0.01	P≤0.01
<input type="checkbox"/> Stipule: length (mm)			
Mean	39.62	31.18	34.00
Std. Deviation	8.66	5.77	6.94
LSD/sig	2.93	P≤0.01	P≤0.01
<input type="checkbox"/> Petiole: length (from axil to first tendril) (mm)			
Mean	40.82	23.80	33.58
Std. Deviation	13.57	9.21	8.32
LSD/sig	4.54	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Seed: weight (g per 100 seeds)			
Mean	22.85	17.99	17.18
Std. Deviation	1.01	1.52	0.78
LSD/sig	1.16	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
UK	2003	Surrendered	‘SW Celine’
Poland	2001	Withdrawn	‘SW Celine’
EU	2002	Granted	‘SW Celine’
Sweden	1999	Granted	‘SW Celine’

First sold in Sweden in Feb 2004.

Description: **Chris Haire**, Horsham, VIC.

Details of Application

Application Number	2007/229
Variety Name	'DarwinGold'
Genus Species	<i>Dianella ensifolia</i>
Common Name	Flax lily
Synonym	Nil
Accepted Date	1 Nov 2007
Applicant	Darwin Plant Wholesalers, Winnellie, NT
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Lambells Lagoon, NT.
Descriptor	Dianella (<i>Dianella</i>) PBR DIAN.
Period	Autumn 2007-spring 2007.
Conditions	Trial conducted in a opens beds, plants originally propagated by cuttings, potted into 140mm containers filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	1995.

Origin and Breeding

Spontaneous mutation: 'Border Silver'. The parent is characterised by a predominantly silver marginal leaf colour. Selection took place in Lambells Lagoon, NT. Selection criteria: yellowish coloration of leaf variegation. Propagation: vegetative divisions were found to be uniform and stable. Breeders: Darryl South, Lambells Lagoon, NT.

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	variegation	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Border Silver	parent variety
Sougold	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Golden Streak'	Leaf blade degree of variegation	medium to large	very small	seed parent

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

Organ/Plant Part: Context	'DarwinGold'	'Sougold'	'Border Silver'
<input type="checkbox"/> Plant: growth habit	erect	erect	erect
<input type="checkbox"/> Plant: height	medium to tall		medium
<input type="checkbox"/> Leaf: attitude	erect	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Leaf: arching	weak	medium to strong	medium to strong
<input type="checkbox"/> Leaf: width	medium		medium
<input type="checkbox"/> Leaf: glaucosity of upper side	very weak to weak	very weak to weak	very weak to weak
<input checked="" type="checkbox"/> Leaf: colour of upper side (waxiness removed) (RHS colour chart)	146A	147A	147A
<input checked="" type="checkbox"/> Leaf: colour of lower side (waxiness removed) (RHS colour chart)	146A	147A	147B
<input type="checkbox"/> Leaf: variegation	present	present	present
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (variegated leaves only) (RHS colour chart)	2D fading to 158D	150A	155A
<input type="checkbox"/> Leaf: shape of blade	ensiform	ensiform	ensiform
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf: cross-section	concave	concave	concave
<input type="checkbox"/> Leaf: spines on margin	present	present	present
<input type="checkbox"/> Leaf: prominence of spines on margin	very weak	very weak	very weak
<input type="checkbox"/> Leaf: spines on lower side of midrib	present	present	present
<input checked="" type="checkbox"/> Leaf: prominence of spines on lower side of midrib	very weak	medium	very weak
<input type="checkbox"/> Inflorescence: height in relation to foliage	below		below
<input type="checkbox"/> Flower: colour of perianth (RHS colour chart)	ca 97A		97A
<input type="checkbox"/> Flower: colour of anther (RHS colour chart)	yellow		yellow

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'DarwinGold'	'Sougold'	'Border Silver'
<input checked="" type="checkbox"/> Leaf blade: degree of variegation	medium to large	medium	small to medium
<input type="checkbox"/> Flower: outer tepal length	medium		medium
<input checked="" type="checkbox"/> Leaf blade: colour of margin	146A	147A/150A	155A

Prior Applications and Sales

Prior applications nil. First sold in Australia in Mar 2007.

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

Details of Application

Application Number	2005/249
Variety Name	'Rainbow'
Genus Species	<i>Dianella tasmanica</i>
Common Name	Flax lily
Synonym	Nil
Accepted Date	15 Aug 2005
Applicant	Phillip Allen Dowling, Mt Gambier West, SA.
Agent	N/A
Qualified Person	Gail Barth

Details of Comparative Trial

Location	Native Plant Wholesalers, Mt Gambier West, SA.
Descriptor	Dianella (<i>Dianella</i>) PBR DIAN.
Period	Mar 4 – Oct 4 2006.
Conditions	Stock plants were divided and potted into 75mm tubes. At the start of the trial, 10 plants from each variety were potted into 200mm squat pots in pinebark/sand media. Nutrition was maintained with controlled-release fertilisers, pest and disease treatments applied as required. The trial plants were grown in a larger block of over 100 similar aged and sized pots of the same varieties, in a 50% shadehouse. Data was recorded at 7 months.
Trial Design	Trial design: ten pots of each variety arranged in a completely randomised design.
Measurements	Measurements: data recorded and analysed on all plants. One sample per plant.
RHS Chart - edition	Third edition

Origin and Breeding

Seedling selection: from a batch of 2000 *Dianella tasmanica* produced in 2001. 'Rainbow' was selected based on compact habit, foliage colour and distinct foliage shape. New plants were produced by division and checked for stability at 12 months. Plants were further propagated by division with no off-types. Breeder: Phillip Allen 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
Plant	habit	erect/ semi erect
Basal leaf sheath	anthocyanin colouration	red-purple/red-brown
Leaf	spines on lower side of midrib	present
Flower	colour of perianth	blue
Leaf	variegation	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Splice'	Dwarf variegated

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	
'Little Devil'	Leaf	variegation	present	absent
'TR20'	Leaf	variegation	present	absent
'DT23'	Leaf	variegation	present	absent
<i>D. tasmanica</i> parent form	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	'Rainbow'	'Dwarf variegated'	'Splice'
<input type="checkbox"/> Plant: growth habit	erect to semi-erect		semi-erect
<input checked="" type="checkbox"/> Plant: height	short to medium	very short to short	short to medium
<input type="checkbox"/> Plant: density of shoots	medium	medium to dense	medium
<input type="checkbox"/> Leaf: attitude	semi-erect	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> Leaf: arching	weak to medium	weak	medium to strong
<input checked="" type="checkbox"/> Leaf: width	narrow	narrow	medium
<input type="checkbox"/> Leaf: glaucosity of upper side	weak to medium	medium	medium
<input checked="" type="checkbox"/> Leaf: colour of upper side (waxiness removed) (RHS colour chart)	11 C	155B	137C
<input type="checkbox"/> Leaf: variegation	present	present	present
<input type="checkbox"/> Leaf: shape of blade	linear	linear	ensiform
<input type="checkbox"/> Leaf: shape of apex	apiculate	apiculate	apiculate
<input type="checkbox"/> Leaf: cross-section			
<input type="checkbox"/> Leaf: spines on margin	present	present	present
<input type="checkbox"/> Leaf: prominence of spines on margin	weak to medium	weak to medium	medium
<input type="checkbox"/> Leaf: colour of margin (in winter)	red		red
<input type="checkbox"/> Leaf: spines on lower side of midrib	present	present	present
<input checked="" type="checkbox"/> Leaf: prominence of spines on lower side of midrib	medium	weak	strong
<input type="checkbox"/> Basal leaf sheath: anthocyanin colouration (in summer)	red-purple		red-purple
<input type="checkbox"/> Basal leaf sheath: intensity of anthocyanin colouration	strong to very strong		medium to strong
<input type="checkbox"/> Inflorescence: height in relation to foliage		above	

<input checked="" type="checkbox"/> Flower: colour of perianth (RHS colour chart)	104 B	100A	104 B
<input checked="" type="checkbox"/> Flower: colour of anther (RHS colour chart)	14 A,B	14B	23 A,B

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Rainbow'	'Dwarf variegated'	'Splice'
<input checked="" type="checkbox"/> Leaf: colour of new growth and margins	11D to 155B and 59D	63B	185B

Statistical Table

Organ/Plant Part: Context	'Rainbow'	'Dwarf variegated'	'Splice'
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	21.18	19.55	25.29
Std. Deviation	0.61	2.05	1.53
LSD/sig	1.94	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: height (mm)			
Mean	35.25	19.13	27.38
Std. Deviation	2.82	2.36	2.26
LSD/sig	3.54	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Gail Barth**, Oakbank, SA.

Details of Application

Application Number	2005/248
Variety Name	'Splice'
Genus Species	<i>Dianella tasmanica</i>
Common Name	Flax lily
Synonym	Nil
Accepted Date	15 Aug 2005
Applicant	Phillip Allen Dowling, Mt Gambier West, SA.
Agent	N/A
Qualified Person	Gail Barth

Details of Comparative Trial

Location	Native Plant Wholesalers, Mt Gambier West, SA.
Descriptor	Dianella (<i>Dianella</i>) PBR DIAN.
Period	Mar 4 – Oct 4 2006.
Conditions	Stock plants were divided and potted into 75mm tubes. At the start of the trial, 10 plants from each variety were potted into 200mm squat pots in pinebark/sand media. Nutrition was maintained with controlled-release fertilisers, pest and disease treatments applied as required. The trial plants were grown in a larger block of over 100 similar aged and sized pots of the same varieties, in a 50% shadehouse. Data was recorded at 7 months.
Trial Design	Trial design: ten pots of each variety arranged in a completely randomised design.
Measurements	Measurements: data recorded and analysed on all plants. One sample per plant.
RHS Chart - edition	Third edition

Origin and Breeding

Seedling selection: from a batch of 2000 *Dianella tasmanica* produced in 2001. 'Splice' was selected based on compact habit, foliage colour and distinct foliage shape. New plants were produced by division and checked for stability at 12 months. Plants were further propagated by division with no off-types. Breeder: Phillip Allen 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
Plant	habit	erect/ semi erect
Basal leaf sheath	anthocyanin colouration	red-purple/red-brown
Leaf	spines on lower side of midrib	present
Flower	colour of perianth	blue
Leaf	variegation	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rainbow'	Dwarf variegated

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	
'Little Devil'	Leaf	variegation	present	absent
'TR20'	Leaf	variegation	present	absent
'DT23'	Leaf	variegation	present	absent
<i>D. tasmanica</i> parent form	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	'Splice'	'Rainbow'	'Dwarf variegated'
<input type="checkbox"/> Plant: growth habit	semi-erect	erect to semi-erect	
<input checked="" type="checkbox"/> Plant: height	short to medium	short to medium	very short to short
<input type="checkbox"/> Plant: density of shoots	medium	medium	medium to dense
<input type="checkbox"/> Leaf: attitude	erect to semi-erect	semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Leaf: arching	medium to strong	weak to medium	weak
<input checked="" type="checkbox"/> Leaf: width	medium	narrow	narrow
<input type="checkbox"/> Leaf: glaucosity of upper side	medium	weak to medium	medium
<input checked="" type="checkbox"/> Leaf: colour of upper side (waxiness removed) (RHS colour chart)	137C	11 C	155B
<input type="checkbox"/> Leaf: variegation	present	present	present
<input type="checkbox"/> Leaf: shape of blade	ensiform	linear	linear
<input type="checkbox"/> Leaf: shape of apex	apiculate	apiculate	apiculate
<input type="checkbox"/> Leaf: cross-section			
<input type="checkbox"/> Leaf: spines on margin	present	present	present
<input type="checkbox"/> Leaf: prominence of spines on margin	medium	weak to medium	weak to medium
<input type="checkbox"/> Leaf: colour of margin (in winter)	red	red	
<input type="checkbox"/> Leaf: spines on lower side of midrib	present	present	present
<input checked="" type="checkbox"/> Leaf: prominence of spines on lower side of midrib	strong	medium	weak
<input type="checkbox"/> Basal leaf sheath: anthocyanin colouration (in summer)	red-purple	red-purple	
<input type="checkbox"/> Basal leaf sheath: intensity of anthocyanin colouration	medium to strong	strong to very strong	
<input type="checkbox"/> Inflorescence: height in relation to foliage			above

<input checked="" type="checkbox"/> Flower: colour of perianth (RHS colour chart)	104 B	104 B	100A
<input checked="" type="checkbox"/> Flower: colour of anther (RHS colour chart)	23 A,B	14 A,B	14B

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Splice’	‘Rainbow’	‘Dwarf variegated’
<input checked="" type="checkbox"/> Leaf: colour of new growth and margins	185B	11D to 155B and 59D	63B
<input checked="" type="checkbox"/> Leaf: secondary colour	144C and 145B		147AB

Statistical Table

Organ/Plant Part: Context	‘Splice’	‘Rainbow’	‘Dwarf variegated’
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	25.29	21.18	19.55
Std. Deviation	1.53	0.61	2.05
LSD/sig	1.94	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: height (mm)			
Mean	27.38	35.25	19.13
Std. Deviation	2.26	2.82	2.36
LSD/sig	3.54	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Gail Barth**, Oakbank, SA.

Details of Application

Application Number	2005/300
Variety Name	'Little Devil'
Genus Species	<i>Dianella tasmanica</i>
Common Name	Flax lily
Synonym	Nil
Accepted Date	22 Nov 2005
Applicant	Phillip Allen Dowling, Mt Gambier West, SA.
Agent	N/A
Qualified Person	Gail Barth

Details of Comparative Trial

Location	Native Plant Wholesalers, Mt Gambier West, SA.
Descriptor	<i>Dianella (Dianella)</i> PBR DIAN.
Period	Mar 4 – Oct 4 2006.
Conditions	Stock plants were divided and potted into 75mm tubes. At the start of the trial, 10 plants from each variety were potted into 200mm squat pots in pinebark/sand media. Nutrition was maintained with controlled-release fertilisers, pest and disease treatments applied as required. The trial plants were grown in a larger block of over 100 similar aged and sized pots of the same varieties, in a 50% shadehouse. Data was recorded at 7 months.
Trial Design	Trial design: ten pots of each variety arranged in a completely randomised design.
Measurements	Measurements: data recorded and analysed on all plants. One sample per plant.
RHS Chart - edition	Third edition

Origin and Breeding

Seedling selection: from a batch of 2000 *Dianella tasmanica* produced in 2001. 'Little Devil' was selected based on plant habit, foliage colour and distinct foliage shape. New plants were produced by division and checked for stability at 12 months. Two more rounds of division occurred with no off-types. Plants were then divided for commercialisation and sold in 2004 as *Dianella tasmanica* 'Dwarf form'. Breeder: Phillip Allen 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
Plant	habit	erect/ semi erect
Basal leaf sheath	anthocyanin colouration	red-purple/red-brown
Leaf	spines on lower side of midrib	present
Flower	colour of perianth	blue
Leaf	variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DT23'	Commercialised as 'Emerald Arch'
'TR20'	Commercialised as 'TasRed'

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	
'Rainbow'	Leaf	variegation	absent	present
'Splice'	Leaf	variegation	absent	present
Dwarf	Leaf	variegation	absent	present
variegated				
<i>D. tasmanica</i>	Leaf	width	narrow	wide
parent form				

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 Devil'	'DT23'	'TR20'
<input type="checkbox"/> Plant: growth habit	erect	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Plant: height	medium	medium	short to medium
<input type="checkbox"/> Plant: density of shoots	dense	medium to dense	medium
<input type="checkbox"/> Leaf: attitude	erect	semi-erect	erect to semi-erect
<input type="checkbox"/> Leaf: arching	very weak to weak	strong	medium
<input checked="" type="checkbox"/> Leaf: width	narrow	wide to very wide	medium
<input type="checkbox"/> Leaf: glaucosity of upper side	weak		weak
<input type="checkbox"/> Leaf: colour of upper side (waxiness removed) (RHS colour chart)	146 A,B	146 A,B	146 A,B
<input type="checkbox"/> Leaf: variegation	absent	absent	absent
<input type="checkbox"/> Leaf: shape of blade	linear		ligulate
<input type="checkbox"/> Leaf: shape of apex	acute	apiculate	acute
<input type="checkbox"/> Leaf: cross-section	concave		
<input type="checkbox"/> Leaf: spines on margin	present		present
<input type="checkbox"/> Leaf: prominence of spines on margin	weak to medium		weak to medium
<input type="checkbox"/> Leaf: colour of margin (in winter)	green		green
<input type="checkbox"/> Leaf: spines on lower side of midrib	present		present
<input type="checkbox"/> Leaf: prominence of spines on lower side of midrib	weak to medium	strong	weak
<input type="checkbox"/> Basal leaf sheath: anthocyanin colouration (in summer)	red-purple		red-brown
<input type="checkbox"/> Basal leaf sheath: intensity of anthocyanin colouration	strong		strong to very strong
<input type="checkbox"/> Inflorescence: height in relation to foliage	above		same level

<input checked="" type="checkbox"/>	Flower: colour of perianth (RHS colour chart)	100 B	100A	100 AB
<input checked="" type="checkbox"/>	Flower: colour of anther (RHS colour chart)	14 A,B	14C	14B

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Little Devil'	'DT23'	'TR20'
<input checked="" type="checkbox"/> Leaf: colour of new growth and margins	146D	183BC	183BC

Statistical Table

Organ/Plant Part: Context	'Little Devil'	'DT23'	'TR20'
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	19.06	28.99	24.98
Std. Deviation	1.26	1.64	1.12
LSD/sig	1.94	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: height (mm)			
Mean	40.13	43.38	35.00
Std. Deviation	1.89	3.20	2.98
LSD/sig	3.54	ns	P≤0.01

Prior Applications and Sales

Prior applications nil. First sold in Australia in Oct 2004 as 'Dwarf Form'

Description: **Gail Barth**, Oakbank, SA.

Details of Application

Application Number	2004/299
Variety Name	'AGRDR'
Genus Species	<i>Cynodon dactylon</i> x <i>Cynodon transvaalensis</i>
Common Name	Hybrid Green Couch Grass
Synonym	Nil
Accepted Date	29 Nov 2004
Applicant	Grasslanz Technology Limited, Palmerston North, New Zealand
Agent	Griffith Hack, Sydney, NSW
Qualified Person	Donald Loch

Details of Comparative Trial

Location	QDPI&F Turf Research, Redlands Research Station, Cleveland, QLD. (Latitude 27°32'S, 153°15'E, elevation <25 masl).
Descriptor	<i>Cynodon dactylon</i> x <i>C. transvaalensis</i> (<i>Cynodon</i> Hybrid) PBR CYNO.
Period	4 Oct 2007 – 6 Feb 2008.
Conditions	Individual propagules (four per tube) were grown in 60 x 60mm tubes until covered and planted on a red volcanic (krasnozem) soil 4 Oct 2007; plants not defoliated; weed control by pre-emergence oxadiazon and nutrition maintained by slow release fertiliser (18-10-9) at time of planting and on 17 Dec 2007.
Trial Design	Thirty (30) spaced plants of each cultivar ('AGRDR', 'Tift 94' and 'Santa Ana') were arranged in six (6) randomised blocks with five (5) plants per plot; 1.25m between plots, 1.5m between plants within plots.
Measurements	Four (4) diameter of spread measurements were taken per plant at fortnightly intervals (6 Nov – 4 Dec 2007); two (2) stolons per plant were collected 4-7 Dec 2007 and stolon and leaf characteristics were measured; two (2) shoot and inflorescence measurements per plant were taken 21-25 Jan 2008; average sward height per plant 4 Feb 2008; inflorescence density (0.1125m ²) per plant 6 Feb 2008; exposed stolon and leaf colour, along with digital images were taken on 29 Nov 2007.
RHS Chart - edition	2007 (fifth) edition.

Origin and Breeding

Spontaneous mutation: 'AGRDR' was selected by the breeder, Dr Warren Hunt, from a variant area of winter active turf (probably 'Tifway' or 'Tifgreen') on a Hong Kong Golf Course in Apr 1996. A selection of this material was imported through vegetative quarantine to New Zealand for evaluation. Following a favourable assessment of its potential as a warm-season turfgrass variety under New Zealand conditions made based on its superior comparative performance relative to other *Cynodon* accessions in glasshouse and field trials, the New Zealand registered variety 'Grasslands AgRiDark' was released in 1999.

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	length	short
Leaf	colour	lighter green
Sward	tiller numbers	sparse
Sward	tiller numbers	dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Tift 94’	
‘Santa Ana’	
‘Tifway’	Medium-textured <i>Cynodon</i> hybrid no longer available as the original genotype in pure form – excluded.
‘Tifgreen’	Finer-textured (leaves, stems and stolons) greens quality hybrid <i>Cynodon</i> – excluded

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	‘AGR D’	‘Santa Ana’	‘Tift 94’
<input type="checkbox"/> Plant: ploidy	triploid		
<input type="checkbox"/> Plant: habit	creeping		
<input type="checkbox"/> Plant: type	mat-forming		
<input type="checkbox"/> Plant: height	short		
<input type="checkbox"/> Plant: longevity	perennial		
<input type="checkbox"/> Plant: spreading	stolons		
<input type="checkbox"/> Stolon: nodes	compound		
<input type="checkbox"/> Stolon: internode length	medium		
<input type="checkbox"/> Stolon: internode thickness	thin		
<input type="checkbox"/> Stolon: colour when exposed to sunlight	N199B	N199A	152A
<input type="checkbox"/> Culms: length	short		
<input type="checkbox"/> Leaf blade: shape	linear-triangular		
<input type="checkbox"/> Leaf blade: length	short		
<input type="checkbox"/> Leaf blade: width	narrow		
<input type="checkbox"/> Leaf blade: colour	green	green	green
<input type="checkbox"/> Ligule: appearance	pubescent		
<input type="checkbox"/> Inflorescence: type	digitate		
<input type="checkbox"/> Inflorescence: length of peduncle	short		
<input type="checkbox"/> Inflorescence: maximum number of spikes	5	4	5
<input type="checkbox"/> Inflorescence: minimum number of spikes	3	2	3

<input type="checkbox"/>	Culms: habit	decumbent
<input type="checkbox"/>	Inflorescence: anthers	present

Statistical Table

Organ/Plant Part: Context	‘AGR’	‘Santa Ana’	‘Tift 94’
<input checked="" type="checkbox"/> Plant: mean diameter after 61 days (cm)			
Mean	207.48	117.84	103.14
Std. Deviation	20.27	19.29	16.65
LSD/sig	13.81	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node two (spaced plants)			
Mean	0.70	1.20	0.42
Std. Deviation	0.46	0.66	0.56
LSD/sig	0.30	P≤0.01	ns
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node three (spaced plants)			
Mean	1.43	2.20	1.42
Std. Deviation	0.53	0.58	0.56
LSD/sig	0.35	P≤0.01	ns
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node four (spaced plants)			
Mean	2.42	3.80	2.05
Std. Deviation	0.72	0.80	0.70
LSD/sig	0.48	P≤0.01	ns
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node five (spaced plants)			
Mean	3.40	4.92	3.13
Std. Deviation	0.91	0.91	0.96
LSD/sig	0.54	P≤0.01	ns
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node six (spaced plants)			
Mean	4.20	5.70	3.88
Std. Deviation	1.02	1.01	1.21
LSD/sig	0.67	P≤0.01	ns
<input type="checkbox"/> Stolon node: length of fourth internode from stolon tip (mm)			
Mean	47.65	42.04	33.71
Std. Deviation	6.90	5.81	3.57
LSD/sig	4.05	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon node: diameter of fourth internode from stolon tip (mm)			
Mean	1.05	1.18	1.15
Std. Deviation	0.19	0.18	0.14
LSD/sig	0.24	ns	ns
<input type="checkbox"/> Stolon node: length of sheath on fourth visible node from stolon tip (mm)			
Mean	8.76	8.00	6.95
Std. Deviation	2.03	1.00	0.84
LSD/sig	1.75	ns	P≤0.01
<input type="checkbox"/> Stolon node: length of leaf blade on fourth visible node from stolon tip (mm)			
Mean	9.08	6.56	4.36
Std. Deviation	3.44	1.79	2.51
LSD/sig	3.24	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon node: width of leaf blade on fourth visible node from stolon tip (mm)			

Mean	1.71	2.03	1.28
Std. Deviation	0.34	0.57	0.35
LSD/sig	0.32	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon node: length:width ratio of fourth visible node from stolon tip			
Mean	5.31	3.26	3.28
Std. Deviation	1.71	0.60	1.08
LSD/sig	1.23	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: length of sheath on flag leaf on flowering tillers (mm)			
Mean	36.99	43.89	53.45
Std. Deviation	5.05	8.07	10.14
LSD/sig	7.49	ns	P≤0.01
<input type="checkbox"/> Flowering tiller: length of blade on flag leaf on flowering tillers (mm)			
Mean	17.69	15.88	17.03
Std. Deviation	9.00	9.63	9.59
LSD/sig	7.89	ns	ns
<input type="checkbox"/> Flowering tiller: width of blade on flag leaf on flowering tillers (mm)			
Mean	1.26	1.15	1.27
Std. Deviation	0.26	0.35	0.34
LSD/sig	0.23	ns	ns
<input type="checkbox"/> Flowering tiller: length:width ratio of flag leaf blade on flowering tillers			
Mean	14.10	13.33	13.22
Std. Deviation	6.03	7.02	5.73
LSD/sig	4.99	ns	ns
<input checked="" type="checkbox"/> Flowering tiller: length of sheath on fourth leaf on flowering tillers (mm)			
Mean	9.22	11.81	13.93
Std. Deviation	2.17	4.40	4.67
LSD/sig	3.32	ns	P≤0.01
<input type="checkbox"/> Flowering tiller: length of blade on fourth leaf on flowering tillers (mm)			
Mean	23.55	18.14	28.36
Std. Deviation	8.62	8.76	11.35
LSD/sig	9.67	ns	ns
<input type="checkbox"/> Flowering tiller: width of blade on fourth leaf on flowering tillers (mm)			
Mean	1.47	1.39	1.70
Std. Deviation	0.29	0.33	0.33
LSD/sig	0.29	ns	ns
<input type="checkbox"/> Flowering tiller: length:width ratio of fourth leaf blade on flowering tillers			
Mean	16.28	13.43	16.49
Std. Deviation	5.86	6.25	5.28
LSD/sig	5.19	ns	ns
<input checked="" type="checkbox"/> Flowering tiller: length of peduncle (mm)			
Mean	70.87	82.11	79.59
Std. Deviation	15.23	13.02	9.10
LSD/sig	11.09	P≤0.01	ns
<input type="checkbox"/> Flowering tiller: diameter of peduncle (mm)			
Mean	0.36	0.35	0.36
Std. Deviation	0.14	0.07	0.07
LSD/sig	0.02	ns	ns

<input checked="" type="checkbox"/>	Spike: mean spike length (mm)			
	Mean	26.51	28.54	35.90
	Std. Deviation	2.86	4.37	7.36
	LSD/sig	5.80	ns	P≤0.01
<input type="checkbox"/>	Spike: number of spikes on flowering tiller			
	Mean	3.52	3.28	3.42
	Std. Deviation	0.57	0.52	0.53
	LSD/sig	0.32	ns	ns
<input type="checkbox"/>	Inflorescence: count (0.1123m ² quadrat) 6 February 2008			
	Mean	9.87	10.04	6.87
	Std. Deviation	0.58	1.39	0.56
	LSD/sig	8.99	ns	ns
<input checked="" type="checkbox"/>	Sward: height (4 Feb 2008) (cm)			
	Mean	13.39	20.94	20.88
	Std. Deviation	3.58	5.03	5.28
	LSD/sig	4.37	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	1999	Granted	'Grasslands AgRiDark'

First sold in New Zealand in November 2000.

Description: **M.B. Roche** & **D.S. Loch**, DPI&F Turf Research, Redlands Research Station, Cleveland, QLD

Details of Application

Application Number	2005/093
Variety Name	'Rabearth'
Genus Species	<i>Hydrangea macrophylla</i>
Common Name	Hydrangea
Synonym	Blue Earth
Accepted Date	17 Aug 2005
Applicant	Franz-Xaver Rampp, Pfaffenhausen, Germany
Agent	Lifetech Laboratories Ltd, Kincumber, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Macmasters Beach, NSW.
Descriptor	Hydrangea (<i>Hydrangea</i>) TG/133/3.
Period	Winter 2006-summer 2007-8.
Conditions	Trial conducted shadehouse (50% open weave LS screen), rooted cuttings planted into 200mm pots filled with soilless potting mix (pH 6.5), nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random in summer 2004. One sample per plant.
RHS Chart - edition	1995.

Origin and Breeding

Seedling selection: from un-named *Hydrangea macrophylla* in the 1990s. The parent form is characterised by a blue coloured calyx bract with an absence of secondary colouration. 'Rabearth' was selected due to its intense blue and white bicolor flowers and subsequently found to have desirable commercial production characteristics including strong vigour, strong stems, a suitable form for pot production, earliness in forcing and suited to cold storage. It was also found to be better rooting than similar bicoloured varieties. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Franz-Xaver Rampp, Pfaffenhausen, Germany.

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	main colour	green
Inflorescence	conspicuousness of flowers with small calyx	inconspicuous
Inflorescence	shape	globular
Large calyx	overlapping of sepals	present
Large calyx	number of colours	two

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Frau Taiko'	

‘Frau Mariko’

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Ramars’	Leaf blade	shape of rounded base	obtuse	included in the same trial
‘Frau Nobuko’	Leaf blade	shape of rounded base	acute	included in the same trial
‘Rasat’	Leaf blade	shape of rounded base	acute	included in the same trial

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	‘Rabearth’	‘Frau Mariko’	‘Frau Taiko’
<input type="checkbox"/> *Plant: growth habit	upright	upright	upright
<input type="checkbox"/> *Leaf blade: main colour	green	green	green
<input type="checkbox"/> Leaf blade: intensity of main colour	medium	medium to dark	medium
<input type="checkbox"/> *Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> Leaf blade: glossiness of upper side	present	present	present
<input type="checkbox"/> *Leaf blade: shape	elliptic	elliptic	elliptic
<input type="checkbox"/> *Leaf blade: shape of apex	acute	acute	acute
<input checked="" type="checkbox"/> Leaf blade: shape of base	rounded	acute	acute
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent
<input type="checkbox"/> Leaf blade: type of incisions	medium	medium to coarse	medium to coarse
<input type="checkbox"/> *Inflorescence: diameter	medium	medium	medium to large
<input type="checkbox"/> *Inflorescence: conspicuousness of flowers with small calyx	inconspicuous	inconspicuous	inconspicuous
<input type="checkbox"/> *Inflorescence: shape	globular	globular	globular
<input checked="" type="checkbox"/> *Large calyx: diameter	large	medium	medium
<input checked="" type="checkbox"/> *Large calyx: colour (RHS colour chart)	60D	63B	68A
<input checked="" type="checkbox"/> *Large calyx: number of sepals	4 and 5	3 to 7	4 and 5
<input type="checkbox"/> *Large calyx: overlapping of sepals	present	present	present
<input checked="" type="checkbox"/> *Large calyx: degree of overlapping of sepals	strong	medium	medium
<input checked="" type="checkbox"/> *Large calyx: incisions of margin of sepals	present on some sepals	absent on all sepals	present on some sepals
<input checked="" type="checkbox"/> *Time of: beginning of flowering	early	late	medium to late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Rabearth’	‘Frau Mariko’	‘Frau Taiko’
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<input type="checkbox"/> Large calyx: colour of sepal margin (RHS colour chart)	155D	155D	155D
<input type="checkbox"/> Large calyx: number of colours	two	two	two

Statistical Table

Organ/Plant Part: Context	‘Rabearth’	‘Frau Mariko’	‘Frau Taiko’
<input type="checkbox"/> Plant: height (cm)			
Mean	50.30	47.10	46.40
Std. Deviation	3.60	7.30	3.20
LSD/sig	5.73	ns	ns
<input type="checkbox"/> Leaf: length (mm)			
Mean	95.00	111.20	108.90
Std. Deviation	23.70	19.70	16.40
LSD/sig	22.99	ns	ns
<input checked="" type="checkbox"/> Large calyx: diameter (mm)			
Mean	38.80	23.10	23.90
Std. Deviation	4.20	3.30	4.50
LSD/sig	4.60	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2005	Applied	‘Rabearth’
EU	2001	Withdrawn	‘Rabearth’

First sold in Germany in Apr 2001.

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

Details of Application

Application Number	2005/094
Variety Name	'Ramars'
Genus Species	<i>Hydrangea macrophylla</i>
Common Name	Hydrangea
Synonym	Nil
Accepted Date	24 Aug 2005
Applicant	Franz-Xaver Rampp, Pfaffenhausen, Germany
Agent	Lifetech Laboratories Ltd, Kincumber, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Macmasters Beach, NSW.
Descriptor	Hydrangea (<i>Hydrangea</i>) TG/133/3.
Period	Winter 2006 to summer 2007-8.
Conditions	Trial conducted in shadehouse (50% open weave LS screen), rooted cuttings planted into 200mm pots filled with soilless potting mix (pH 6.5), nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random in summer 2004. One sample per plant.
RHS Chart - edition	1995.

Origin and Breeding

Seedling selection: from un-named *Hydrangea macrophylla* in the 1990s. The parent form is characterised by a red coloured calyx bract with an absence of secondary colouration. 'Ramars' was selected due to its intense red with white bicolor flowers and subsequently found to have desirable commercial production characteristics including strong vigour, strong stems, a suitable form for pot production, earliness in forcing and suited to cold storage. It was also found to be better rooting than similar bicoloured varieties. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Franz-Xaver Rampp, Pfaffenhausen, Germany.

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

Organ/Plant PartContext		State of Expression in Group of Varieties
Plant	growth habit	upright
Leaf blade	main colour	green
Inflorescence	conspicuousness of flowers with small calyx	inconspicuous
Inflorescence	shape	globular
Large calyx	overlapping of sepals	present
Large calyx	number of colours	two

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rasat'	Known as 'Saturn'.
'Frau Nobuko'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Rabearth'	Leaf blade	shape of base	obtuse	acute	included in the same trial, excluded from side by side comparison
'Frau Mariko'	Leaf blade	shape of base	obtuse	acute	included in the same trial
'Frau Taiko'	Leaf blade	shape of base	obtuse	acute	included in the same trial

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	'Ramars'	'Frau Nobuko'	'Rasat'
<input type="checkbox"/> *Plant: growth habit	upright	upright	upright
<input type="checkbox"/> *Leaf blade: main colour	green	green	green
<input checked="" type="checkbox"/> Leaf blade: intensity of main colour	dark	medium to dark	medium
<input type="checkbox"/> *Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> Leaf blade: glossiness of upper side	present	present	present
<input checked="" type="checkbox"/> *Leaf blade: shape	elliptic	elliptic	ovate
<input type="checkbox"/> *Leaf blade: shape of apex	acute	acute	acute
<input checked="" type="checkbox"/> Leaf blade: shape of base	obtuse	acute	acute
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: type of incisions	coarse	medium	medium
<input checked="" type="checkbox"/> *Inflorescence: diameter	large	medium	medium
<input type="checkbox"/> *Inflorescence: conspicuousness of flowers with small calyx	inconspicuous	inconspicuous	inconspicuous
<input type="checkbox"/> *Inflorescence: shape	globular	globular	globular
<input checked="" type="checkbox"/> *Large calyx: diameter	large	medium	medium to large
<input checked="" type="checkbox"/> *Large calyx: colour (RHS colour chart)	60D	59D	59D
<input type="checkbox"/> *Large calyx: number of sepals	3 and 4	4 and 5	4 and 5
<input type="checkbox"/> *Large calyx: overlapping of sepals	present	present	present
<input checked="" type="checkbox"/> *Large calyx: degree of overlapping of sepals	very strong	medium	strong
<input checked="" type="checkbox"/> *Large calyx: incisions of margin of sepals	absent on all sepals	present on all sepals	present on some sepals
<input type="checkbox"/> *Time of: beginning of flowering	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Ramars'	'Frau Nobuko'	'Rasat'
<input type="checkbox"/> Large calyx: colour of sepal margin (RHS colour chart)	155D	155D	155D
<input type="checkbox"/> Large calyx: number of colours	two	two	two

Statistical Table

Organ/Plant Part: Context	'Ramars'	'Frau Nobuko'	'Rasat'
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	49.80	52.70	40.30
Std. Deviation	6.40	5.10	4.60
LSD/sig	6.19	ns	P≤0.01
<input type="checkbox"/> Leaf: length (mm)			
Mean	119.30	103.20	114.30
Std. Deviation	15.50	10.00	8.20
LSD/sig	13.30	ns	ns
<input checked="" type="checkbox"/> Large calyx: diameter (mm)			
Mean	41.80	24.60	32.70
Std. Deviation	8.20	2.20	3.60
LSD/sig	6.10	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2005	Applied	'Ramars'
EU	2001	Granted	'Ramars'
South Africa	2004	Applied	'Ramars'

First sold in Germany in Apr 2001.

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

Details of Application

Application Number	2006/162
Variety Name	'Suplumtwentythree'
Genus Species	<i>Prunus salacina</i>
Common Name	Japanese Plum
Synonym	SP23
Accepted Date	1 Aug 2006
Applicant	Sun World International, LLC, Bakersfield, CA, USA
Agent	Sun World Australasia, Oberon, NSW
Qualified Person	Bruce Valentine

Details of Comparative Trial

Overseas Testing Authority	U.S. Patent and Trademark Office
Overseas Data Reference Number	U.S. PP13,167
Location	Overseas data was verified at Bathurst, NSW
Descriptor	Japanese plum (<i>Prunus salcina</i>) TG/84/3.
Period	Jun 2005 to Dec 2007.
Conditions	Where possible, the overseas data were verified under local orchard conditions with budded trees planted at Bathurst NSW.
Trial Design	Planted as row
Measurements	Taken from all trial plants
RHS Chart - edition	N/A

Origin and Breeding

Open pollination: arose from an uncontrolled cross of '91P-001' x unknown plum. The seed parent is Sun World breeding selection, '91P-001' (unpatented) which is larger and ripens four days earlier than 'Suplumtwentythree'. The pollen parent is an unknown Sun World breeding selection. Selection criteria: early ripening, black skin colour and red flesh colour. Propagation: vegetatively propagated, usually budding. Breeder: hybridisation by B. Mowrey in 1993, first selected and evaluated by D. Cain near Wasco, California, USA. First asexually propagated in 1998 by budding.

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	black
Fruit	flesh colour	red
Fruit	maturity time	more than 14 days before 'Friar'

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Suplumtwentytwo'	
'Suplumtwentyfour'	
'Suplumtwentyeight'	
'Suplumeleven'	
'Black Splendor'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Suplumeleven'	Fruit maturity time	-54 days 'Friar'	-21 days 'Friar'	Number of days start main harvest before 'Friar'
'Suplumtwentyeight'	Fruit maturity time	-54 days 'Friar'	-35 days 'Friar'	
'Suplumtwentyfour'	Fruit maturity time	-54 days 'Friar'	-35 days 'Friar'	
'Black Splendor'	Fruit maturity time	-54 days 'Friar'	-28 days 'Friar'	

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	'Suplumtwentythree'	'Suplumtwentytwo'
<input checked="" type="checkbox"/> Tree: vigour	strong to very strong	medium
<input type="checkbox"/> One year old shoot: attitude	semi-erect	erect
<input type="checkbox"/> One year old shoot: intensity of colour	medium	
<input type="checkbox"/> Spur: length	medium	
<input type="checkbox"/> Wood bud: size	small to medium	medium
<input type="checkbox"/> Wood bud: shape	conical	
<input type="checkbox"/> Wood bud: position relative to shoot	slightly held out	
<input type="checkbox"/> Leaf: attitude	horizontal	upwards to horizontal
<input type="checkbox"/> *Leaf blade: shape	elliptic	
<input type="checkbox"/> *Leaf blade: angle of the tip	pointed	
<input type="checkbox"/> Leaf blade: green colour of upper side	medium	
<input type="checkbox"/> Leaf: glossiness of upper side	weak to medium	medium
<input type="checkbox"/> Leaf blade: hairiness of lower side	very weak	
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	
<input type="checkbox"/> *Petiole: length	medium	
<input type="checkbox"/> Petiole: hairiness of upper side	very weak to weak	weak
<input type="checkbox"/> Petiole: depth of groove	medium	
<input checked="" type="checkbox"/> Leaf: position of glands	only on leaf base	on both leaf base and petiole
<input type="checkbox"/> *Peduncle: length	medium	
<input type="checkbox"/> Flowers: on one year old shoots	present	
<input type="checkbox"/> Flowers: frequency of flowers with double petals	none or very few	
<input type="checkbox"/> Flowers: size	medium	
<input type="checkbox"/> Flower: overlapping of petals	touching	
<input type="checkbox"/> Sepal: shape	elliptic	
<input type="checkbox"/> Petal: size	medium	
<input type="checkbox"/> *Petal: shape	circular	
<input checked="" type="checkbox"/> Petal: undulation of margin	medium	weak

<input type="checkbox"/>	Stigma: position as compared with anthers	below	below to same level
<input type="checkbox"/>	*Fruit: size	medium	
<input type="checkbox"/>	*Fruit: general shape	rounded-flattened	
<input type="checkbox"/>	*Fruit: position of maximum diameter	at centre	
<input type="checkbox"/>	*Fruit: symmetry	symmetric	
<input checked="" type="checkbox"/>	Fruit: shape of apex	depressed	flat
<input type="checkbox"/>	Fruit: depth of stalk cavity	medium to deep	
<input type="checkbox"/>	*Fruit: colour of skin	black	black
<input type="checkbox"/>	*Fruit: colour of flesh	red	
<input type="checkbox"/>	Fruit: firmness of flesh	soft	
<input type="checkbox"/>	Fruit: juiciness	strong	
<input type="checkbox"/>	Fruit: acidity	weak to medium	weak
<input checked="" type="checkbox"/>	Fruit: sweetness	medium	low
<input type="checkbox"/>	*Fruit: degree of adherence of stone to flesh	fully adherent	
<input type="checkbox"/>	*Stone: size	medium	small to medium
<input checked="" type="checkbox"/>	*Stone: general shape in profile	round	round-elliptical
<input type="checkbox"/>	Stone: shape in ventral view	sub-globular	
<input type="checkbox"/>	Stone: shape in basal view	round-elliptical	
<input type="checkbox"/>	Stone: symmetry in profile	asymmetric	
<input type="checkbox"/>	Stone: symmetry in ventral view	symmetric	
<input type="checkbox"/>	*Stone: position of maximum width	at centre	
<input type="checkbox"/>	Stone: texture of lateral surfaces	rough	
<input type="checkbox"/>	Stone: margins of dorsal groove	entire	
<input checked="" type="checkbox"/>	Stone: sharpness of the edges	strong to very strong	medium to strong
<input checked="" type="checkbox"/>	Stone: width of ventral zone	narrow	medium
<input checked="" type="checkbox"/>	Stone: width of stalk-end	broad	medium
<input type="checkbox"/>	Stone: angle of stalk-end	obtuse	
<input checked="" type="checkbox"/>	Stone: shape of pistil end	rounded	intermediate
<input type="checkbox"/>	*Time of: flowering	early to medium	
<input type="checkbox"/>	*Time of: ripening	early	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2001	Granted	'Suplumtwentythree'

Prior sale nil.

Description: **Bruce Valentine**, Orange, NSW.

Details of Application

Application Number	2006/164
Variety Name	'Suplumtweentyeight'
Genus Species	<i>Prunus salicina</i>
Common Name	Japanese Plum
Synonym	SP28
Accepted Date	1 Aug 2006
Applicant	Sun World International, LLC, Bakersfield, CA, USA
Agent	Sun World Australasia, Oberon, NSW
Qualified Person	Bruce Valentine

Details of Comparative Trial

Overseas Testing Authority	U.S. Patent and Trademark Office
Overseas Data Reference Number	U.S. PP14,938
Location	Overseas data was verified at Bathurst, NSW
Descriptor	Japanese plum (<i>Prunus salicina</i>) TG/84/3.
Period	Jun 2005 to Dec 2007.
Conditions	Where possible, the overseas data were verified under local orchard conditions with budded trees planted at Bathurst NSW.
Trial Design	Planted as row
Measurements	Taken from all trial plants
RHS Chart - edition	N/A

Origin and Breeding

Open pollination: arose from an uncontrolled cross of '91P-001' x unknown plum. The seed parent is Sun World breeding selection, '91P-001' (unpatented) which ripens 16 days earlier and has smaller fruit than 'Suplumtweentyeight'. The pollen parent is an unknown Sun World breeding selection. Selection criteria: fruit size, black skin colour, red flesh colour and excellent eating quality. Propagation: vegetatively propagated, usually budding. Breeder: hybridisation by B. Mowrey in 1993, first selected and evaluated by D. Cain on Sun World Experimental Ranch near Wasco, California, USA. First asexually propagated in 2001 by grafting onto 'Nemaguard' rootstock.

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	black
Fruit	flesh colour	red
Fruit	maturity time	more than 14 days before 'Friar'.

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Suplumtweentythree'	
'Suplumtweentyfour'	
'Suplumeleven'	
'Suplumtweentytwo'	
'Black Splendor'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Suplumeleven'	Fruit maturity time	-35 days 'Friar'	-21 days 'Friar'	Number of days start main harvest before 'Friar'
'Suplumtwentythree'	Fruit maturity time	-35 days 'Friar'	-54 days 'Friar'	
'Suplumtwentytwo'	Fruit maturity time	-35 days 'Friar'	-58 days 'Friar'	
'Black Splendor'	Fruit maturity time	-35 days 'Friar'	-28 days 'Friar'	

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	'Suplumtwentyeight'	'Suplumtwentyfour'
<input checked="" type="checkbox"/> Tree: vigour	very strong	strong
<input type="checkbox"/> One year old shoot: attitude	semi-erect	
<input type="checkbox"/> One year old shoot: intensity of colour	medium	
<input type="checkbox"/> Spur: length	medium	
<input checked="" type="checkbox"/> Wood bud: size	medium	small
<input type="checkbox"/> Wood bud: shape	conical	
<input checked="" type="checkbox"/> Wood bud: position relative to shoot	slightly held out	adpressed
<input type="checkbox"/> Leaf: attitude	horizontal to downwards	horizontal
<input type="checkbox"/> *Leaf blade: shape	elliptic	
<input type="checkbox"/> *Leaf blade: angle of the tip	pointed	
<input checked="" type="checkbox"/> Leaf blade: green colour of upper side	medium to dark	pale
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium to strong	weak
<input type="checkbox"/> Leaf blade: hairiness of lower side	very weak	
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	
<input type="checkbox"/> *Petiole: length	medium to long	
<input checked="" type="checkbox"/> Petiole: hairiness of upper side	medium	very weak to weak
<input type="checkbox"/> Petiole: depth of groove	shallow to medium	
<input checked="" type="checkbox"/> Leaf: position of glands	only on leaf base	only on petiole
<input type="checkbox"/> *Peduncle: length	medium	
<input type="checkbox"/> Flowers: on one year old shoots	present	
<input type="checkbox"/> Flowers: frequency of flowers with double petals	none or very few	
<input type="checkbox"/> Flowers: size	medium	
<input checked="" type="checkbox"/> Flower: overlapping of petals	touching	free
<input type="checkbox"/> Sepal: shape	elliptic	
<input type="checkbox"/> Petal: size	medium	
<input type="checkbox"/> *Petal: shape	obovate	

<input checked="" type="checkbox"/>	Petal: undulation of margin	weak	strong
<input type="checkbox"/>	Stigma: position as compared with anthers	below to same level	below
<input type="checkbox"/>	*Fruit: size	medium	
<input checked="" type="checkbox"/>	*Fruit: general shape	rounded-flattened	rounded
<input type="checkbox"/>	*Fruit: position of maximum diameter	at centre	
<input type="checkbox"/>	*Fruit: symmetry	symmetric	
<input type="checkbox"/>	Fruit: shape of apex	flat	
<input type="checkbox"/>	Fruit: depth of stalk cavity	medium	
<input type="checkbox"/>	*Fruit: colour of skin	black	black
<input type="checkbox"/>	*Fruit: colour of flesh	red	
<input type="checkbox"/>	Fruit: firmness of flesh	medium to firm	
<input type="checkbox"/>	Fruit: juiciness	strong	
<input type="checkbox"/>	Fruit: acidity	weak to medium	medium
<input checked="" type="checkbox"/>	Fruit: sweetness	medium to high	low to medium
<input type="checkbox"/>	*Fruit: degree of adherence of stone to flesh	fully adherent	
<input checked="" type="checkbox"/>	*Stone: size	small to medium	very small to small
<input type="checkbox"/>	*Stone: general shape in profile	round-elliptical	
<input checked="" type="checkbox"/>	Stone: shape in ventral view	flattened	sub-globular
<input type="checkbox"/>	Stone: shape in basal view	round-elliptical	
<input type="checkbox"/>	Stone: symmetry in profile	asymmetric	
<input type="checkbox"/>	Stone: symmetry in ventral view	symmetric	
<input type="checkbox"/>	*Stone: position of maximum width	towards stalk end	at centre
<input type="checkbox"/>	Stone: texture of lateral surfaces	granular	rough
<input type="checkbox"/>	Stone: margins of dorsal groove	entire	broken
<input type="checkbox"/>	Stone: sharpness of the edges	medium to strong	
<input type="checkbox"/>	Stone: width of ventral zone	medium	
<input type="checkbox"/>	Stone: width of stalk-end	broad	
<input type="checkbox"/>	Stone: angle of stalk-end	obtuse	
<input checked="" type="checkbox"/>	Stone: shape of pistil end	rounded	intermediate
<input type="checkbox"/>	*Time of: flowering	early to medium	
<input type="checkbox"/>	*Time of: ripening	early to medium	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2003	Granted	'Suplumtweentyeight'

Prior sale nil.

Description: **Bruce Valentine**, Orange, NSW.

Details of Application

Application Number	2006/163
Variety Name	'Suplumtwentyfour'
Genus Species	<i>Prunus salicina</i>
Common Name	Japanese Plum
Synonym	SP24
Accepted Date	1 Aug 2006
Applicant	Sun World International, LLC, Bakersfield, CA, USA
Agent	Sun World Australasia, Oberon, NSW
Qualified Person	Bruce Valentine

Details of Comparative Trial

Overseas Testing Authority	U.S. Patent and Trademark Office
Overseas Data Reference Number	U.S. PP13,395
Location	Overseas data was verified at Bathurst, NSW
Descriptor	Japanese plum (<i>Prunus salicina</i>) TG/84/3.
Period	Jun 2005 to Dec 2007.
Conditions	Where possible, the overseas data were verified under local orchard conditions with budded trees planted at Bathurst NSW.
Trial Design	Planted as row
Measurements	Taken from all trial plants
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: arose from a controlled cross of 'Suplumtwelve' x '275-136'. The seed parent is 'Suplumtwelve' (U.S. Plant Patent No. 4,956) which has smaller, less round/more oblate fruit with a more corrugated skin surface compared to 'Suplumtwentyfour'. The pollen parent is Sun World breeding selection '275-136' (unpatented) which has smaller, less round/more oblate fruit and ripens nine days earlier than 'Suplumtwentyfour'. Selection criteria: black skin, red flesh with abundant juice and high productivity. Propagation: vegetatively propagated, usually budding. Breeder: hybridisation by C.D. Fear in 1988, selected by B.D. Mowrey and evaluated by Mowrey and D.W. Cain near Wasco, California, U.S.A. First asexually propagated in 1992 by budding onto 'Nemared' rootstock.

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	maturity time	more than 14 days before 'Friar'
Fruit	flesh colour	red
Fruit	skin colour	black

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Suplumtwentytwo'	
'Suplumtwentythree'	
'Suplumeleven'	
'Black Splendor'	
'Suplumtwentyeight'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Suplumeleven'	fruit maturity time	-35 days 'Friar'	-21 days 'Friar'	Number of days start main harvest before 'Friar'.
'Suplumtwentytwo'	fruit maturity time	-35 days 'Friar'	-58 days 'Friar'	
'Suplumtwentythree'	fruit maturity time	-35 days 'Friar'	-54 days 'Friar'	
'Black Splendor'	fruit maturity time	-35 days 'Friar'	-28 days 'Friar'	

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	'Suplumtwentyfour'	'Suplumtwentyeight'
<input checked="" type="checkbox"/> Tree: vigour	strong	very strong
<input type="checkbox"/> One year old shoot: attitude	semi-erect	
<input type="checkbox"/> One year old shoot: intensity of colour	medium	
<input type="checkbox"/> Spur: length	medium	
<input checked="" type="checkbox"/> Wood bud: size	small	medium
<input type="checkbox"/> Wood bud: shape	conical	
<input checked="" type="checkbox"/> Wood bud: position relative to shoot	adpressed	slightly held out
<input type="checkbox"/> Leaf: attitude	horizontal	horizontal to downwards
<input type="checkbox"/> *Leaf blade: shape	elliptic	
<input type="checkbox"/> *Leaf blade: angle of the tip	pointed	
<input checked="" type="checkbox"/> Leaf blade: green colour of upper side	pale	medium to dark
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	weak	medium to strong
<input type="checkbox"/> Leaf blade: hairiness of lower side	very weak	
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	
<input type="checkbox"/> *Petiole: length	medium	
<input checked="" type="checkbox"/> Petiole: hairiness of upper side	very weak to weak	medium
<input type="checkbox"/> Petiole: depth of groove	medium to deep	
<input checked="" type="checkbox"/> Leaf: position of glands	only on petiole	only on leaf base
<input type="checkbox"/> *Peduncle: length	medium	
<input type="checkbox"/> Flowers: on one year old shoots	present	
<input type="checkbox"/> Flowers: frequency of flowers with double petals	none or very few	
<input type="checkbox"/> Flowers: size	small	
<input checked="" type="checkbox"/> Flower: overlapping of petals	free	touching
<input type="checkbox"/> Sepal: shape	elliptic	
<input type="checkbox"/> Petal: size	small	
<input type="checkbox"/> *Petal: shape	obovate	

<input checked="" type="checkbox"/>	Petal: undulation of margin	strong	weak
<input type="checkbox"/>	Stigma: position as compared with anthers	below	below to same level
<input type="checkbox"/>	*Fruit: size	medium	
<input checked="" type="checkbox"/>	*Fruit: general shape	rounded	rounded-flattened
<input type="checkbox"/>	*Fruit: position of maximum diameter	towards stalk end to at centre	
<input type="checkbox"/>	*Fruit: symmetry	symmetric	
<input type="checkbox"/>	Fruit: shape of apex	flat	
<input type="checkbox"/>	Fruit: depth of stalk cavity	deep	
<input type="checkbox"/>	*Fruit: colour of skin	black	black
<input type="checkbox"/>	*Fruit: colour of flesh	red	
<input type="checkbox"/>	Fruit: firmness of flesh	medium to firm	
<input type="checkbox"/>	Fruit: juiciness	strong	
<input type="checkbox"/>	Fruit: acidity	medium	weak to medium
<input checked="" type="checkbox"/>	Fruit: sweetness	low to medium	medium to high
<input type="checkbox"/>	*Fruit: degree of adherence of stone to flesh	fully adherent	
<input checked="" type="checkbox"/>	*Stone: size	very small to small	small to medium
<input type="checkbox"/>	*Stone: general shape in profile	round-elliptical	
<input checked="" type="checkbox"/>	Stone: shape in ventral view	sub-globular	flattened
<input type="checkbox"/>	Stone: shape in basal view	round-elliptical	
<input type="checkbox"/>	Stone: symmetry in profile	asymmetric	
<input type="checkbox"/>	Stone: symmetry in ventral view	symmetric	
<input type="checkbox"/>	*Stone: position of maximum width	at centre	towards stalk end
<input type="checkbox"/>	Stone: texture of lateral surfaces	rough	granular
<input type="checkbox"/>	Stone: margins of dorsal groove	broken	entire
<input type="checkbox"/>	Stone: sharpness of the edges	strong	
<input type="checkbox"/>	Stone: width of ventral zone	narrow to medium	
<input type="checkbox"/>	Stone: width of stalk-end	broad to very broad	
<input type="checkbox"/>	Stone: angle of stalk-end	obtuse	
<input checked="" type="checkbox"/>	Stone: shape of pistil end	intermediate	rounded
<input type="checkbox"/>	*Time of: flowering	early to medium	
<input type="checkbox"/>	*Time of: ripening	early to medium	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2001	Granted	'Suplumtwentyfour'

Prior sale nil.

Description: **Bruce Valentine**, Orange, NSW.

Details of Application

Application Number	2006/161
Variety Name	'Suplumtweentytwo'
Genus Species	<i>Prunus salicina</i>
Common Name	Japanese Plum
Synonym	SP22
Accepted Date	1 Aug 2006
Applicant	Sun World International, LLC, Bakersfield, CA, USA
Agent	Sun World Australasia, Oberon, NSW
Qualified Person	Bruce Valentine

Details of Comparative Trial

Overseas Testing Authority	U.S. Patent and Trademark Office
Overseas Data Reference Number	U.S. PP13,171
Location	Overseas data was verified at Bathurst, NSW
Descriptor	Japanese plum (<i>Prunus salicina</i>) TG/84/3.
Period	Jun 2005 to Dec 2007.
Conditions	Where possible, the overseas data were verified under local orchard conditions with budded trees planted at Bathurst NSW.
Trial Design	Planted as row
Measurements	Taken from all trial plants
RHS Chart - edition	N/A

Origin and Breeding

Open pollination: arose from an uncontrolled cross of '91P-001' x unknown plum. The seed parent is Sun World breeding selection, '91P-001' (unpatented) which ripens 10 days later than 'Suplumtweentytwo' and has a corrugated surface while 'Suplumtweentytwo' has smooth skin. The pollen parent is an unknown Sun World breeding selection. Selection criteria: early ripening, black skin and red flesh colour. Propagation: vegetatively propagated, usually budding. Breeder: hybridisation by B. Mowrey in 1993, first selected and evaluated by D. Cain near Wasco, California, USA. First asexually propagated in 1998 by grafting onto 'Flordaguard' rootstock.

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	black
Fruit	flesh colour	red
Fruit	maturity time	more than 14 days before 'Friar'

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Suplumtweentythree'	
'Suplumtweentyfour'	
'Suplumtweentyeight'	
'Suplumeleven'	
'Black Splendor'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Suplumeleven'	Fruit maturity time	-58 days 'Friar'	-21 days 'Friar'	Number of days start main harvest before 'Friar'.
'Suplumtwentyeight'	Fruit maturity time	-58 days 'Friar'	-35days 'Friar'	
'Suplumtwentyfour'	Fruit maturity time	-58 days 'Friar'	-35 days 'Friar'	
'Black Splendor'	Fruit maturity time	-58 days 'Friar'	-28 days 'Friar'	

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	'Suplumtwentytwo'	'Suplumtwentythree'
<input checked="" type="checkbox"/> Tree: vigour	medium	strong to very strong
<input type="checkbox"/> One year old shoot: attitude	erect	semi-erect
<input type="checkbox"/> One year old shoot: intensity of colour	medium	
<input type="checkbox"/> Spur: length	medium	
<input type="checkbox"/> Wood bud: size	medium	small to medium
<input type="checkbox"/> Wood bud: shape	conical	
<input type="checkbox"/> Wood bud: position relative to shoot	slightly held out	
<input type="checkbox"/> Leaf: attitude	upwards to horizontal	horizontal
<input type="checkbox"/> *Leaf blade: shape	elliptic	
<input type="checkbox"/> *Leaf blade: angle of the tip	pointed	
<input type="checkbox"/> Leaf blade: green colour of upper side	medium	
<input type="checkbox"/> Leaf: glossiness of upper side	medium	weak to medium
<input type="checkbox"/> Leaf blade: hairiness of lower side	very weak	
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	
<input type="checkbox"/> *Petiole: length	medium	
<input type="checkbox"/> Petiole: hairiness of upper side	weak	very weak to weak
<input type="checkbox"/> Petiole: depth of groove	medium	
<input checked="" type="checkbox"/> Leaf: position of glands	on both leaf base and petiole	only on leaf base
<input type="checkbox"/> *Peduncle: length	short	
<input type="checkbox"/> Flowers: on one year old shoots	present	
<input type="checkbox"/> Flowers: frequency of flowers with double petals	none or very few	
<input type="checkbox"/> Flowers: size	medium	
<input type="checkbox"/> Flower: overlapping of petals	touching	
<input type="checkbox"/> Sepal: shape	elliptic	

<input type="checkbox"/>	Petal: size	medium	
<input type="checkbox"/>	*Petal: shape	circular	
<input checked="" type="checkbox"/>	Petal: undulation of margin	weak	medium
<input type="checkbox"/>	Stigma: position as compared with anthers	below to same level	below
<input type="checkbox"/>	*Fruit: size	medium	
<input type="checkbox"/>	*Fruit: general shape	rounded-flattened	
<input type="checkbox"/>	*Fruit: position of maximum diameter	at centre	
<input type="checkbox"/>	*Fruit: symmetry	symmetric	
<input checked="" type="checkbox"/>	Fruit: shape of apex	flat	depressed
<input type="checkbox"/>	Fruit: depth of stalk cavity	medium to deep	
<input type="checkbox"/>	*Fruit: colour of skin	black	black
<input type="checkbox"/>	*Fruit: colour of flesh	red	
<input type="checkbox"/>	Fruit: firmness of flesh	soft	
<input type="checkbox"/>	Fruit: juiciness	strong	
<input type="checkbox"/>	Fruit: acidity	weak	weak to medium
<input checked="" type="checkbox"/>	Fruit: sweetness	low	medium
<input type="checkbox"/>	*Fruit: degree of adherence of stone to flesh	fully adherent	
<input type="checkbox"/>	*Stone: size	small to medium	medium
<input checked="" type="checkbox"/>	*Stone: general shape in profile	round-elliptical	round
<input type="checkbox"/>	Stone: shape in ventral view	sub-globular	
<input type="checkbox"/>	Stone: shape in basal view	round-elliptical	
<input type="checkbox"/>	Stone: symmetry in profile	asymmetric	
<input type="checkbox"/>	Stone: symmetry in ventral view	symmetric	
<input type="checkbox"/>	*Stone: position of maximum width	at centre	
<input type="checkbox"/>	Stone: texture of lateral surfaces	rough	
<input type="checkbox"/>	Stone: margins of dorsal groove	entire	
<input checked="" type="checkbox"/>	Stone: sharpness of the edges	medium to strong	strong to very strong
<input checked="" type="checkbox"/>	Stone: width of ventral zone	medium	narrow
<input checked="" type="checkbox"/>	Stone: width of stalk-end	medium	broad
<input type="checkbox"/>	Stone: angle of stalk-end	obtuse	
<input checked="" type="checkbox"/>	Stone: shape of pistil end	intermediate	rounded
<input type="checkbox"/>	*Time of: flowering	early to medium	
<input type="checkbox"/>	*Time of: ripening	early	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2001	Granted	'Suplumtwentytwo'

Prior sale nil.

Description: **Bruce Valentine**, Orange, NSW.

Details of Application

Application Number	2005/156
Variety Name	'Mothers Choice'
Genus Species	<i>Lilium</i> hybrid
Common Name	Lily
Synonym	
Accepted Date	29 Jul 2005
Applicant	Mak't Zand B.V. The Netherlands
Agent	A J Park, Canberra, ACT
Qualified Person	Tim Angus

Details of Comparative Trial

Overseas Testing Authority	Raad v/h Kwekersrecht, Wageningen
Overseas Data Reference Number	LEL 1920
Location	Overseas data was verified under local conditions in Flowerdale, TAS (and in Hawks Bay, New Zealand).
Descriptor	Lily (<i>Lilium</i>) TG 59/6.
Period	Jun 2007 to Feb 2008.
Conditions	Plants were grown in the field as part of a commercial crop.
Trial Design	Plants were grown to confirm the results of the UPOV test report from Raad v/h Kwekersrecht, Wageningen. Samples were taken at random from the field.
Measurements	Taken from 10 plants selected at random.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: in 1993; seed parent 'Siberia' x pollen parent 'OR-90', a proprietary owned variety in a planned breeding program. Seed parent is characterised by Stem: length shorter, Leaf: colour lighter, Bud colour: white-green, Plant: lesser lasting. Pollen parent is characterised by Leaf: length longer, width narrower; Tepal: narrower; Plant: lesser lasting. Selection criteria: a white flowering lily of better quality. Selection was done at Nursery of Mak't Zand in the municipality of 't Zand, the Netherlands commencing in 1998 with the final selection in 2000. Propagation: by vegetative methods (scaling, and tissue culture), no off types occurred in at least three successive vegetative generations during the selection process and in numerous vegetative generations since selection. Breeder: Nicolaas Aloysius Maria MAK, an employee of Mak't Zand.

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 group	white
Inflorescence	type	racemose
Leaf	arrangement	alternate
Stem	anthocyanin colouration	absent
Plant	height	medium to tall
Flower	type	single

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Siberia'	Seed parent of 'Mothers' Choice and very similar.

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	'Mothers Choice'	'Siberia'
<input type="checkbox"/> *Plant: height	medium to tall	medium to tall
<input type="checkbox"/> *Stem: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: arrangement	alternate	alternate
<input type="checkbox"/> *Leaf: level of tip compared to point of attachment to stem	same level	same level
<input type="checkbox"/> *Leaf: distal part	straight	straight
<input type="checkbox"/> Leaf: cross section	flat	flat
<input type="checkbox"/> *Inflorescence: type	racemose	racemose
<input type="checkbox"/> Inflorescence: pubescence	very weak to weak	very weak to weak
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> *Flower: attitude of longitudinal axis	erect to horizontal	erect to horizontal
<input type="checkbox"/> *Flower: main colour of inner side of inner tepal (RHS colour chart)	white 155C	white 155D
<input type="checkbox"/> Flower: main colour of outer side of inner tepal (RHS colour chart)	white 155C	white 155D
<input type="checkbox"/> *Flower: main colour of inner side of outer tepal (RHS colour chart)	white 155C	white 155D
<input type="checkbox"/> *Flower: type of colouration of inner side of inner tepal	self coloured	self coloured
<input type="checkbox"/> *Flower: colour of the nectar furrow	green	green
<input checked="" type="checkbox"/> *Tepal: spots on inner side	absent	present
<input type="checkbox"/> *Tepal: spots on papillae	absent	absent
<input type="checkbox"/> *Tepal: colour at the base of the main vein	white	white
<input type="checkbox"/> *Tepal: recurved part	distal part only	distal part only
<input checked="" type="checkbox"/> *Tepal: degree of recurving	medium	strong to very strong
<input checked="" type="checkbox"/> *Stamen: main colour of filament	green	white
<input checked="" type="checkbox"/> Pollen: colour	orange brown	light brown
<input type="checkbox"/> *Style: main colour	green	green
<input type="checkbox"/> Flower: position of stigma in relation to anthers	above	above
<input type="checkbox"/> *Time of: flowering	medium to late	medium to late
<u>Characteristics Additional to the Descriptor/TG</u>		
Organ/Plant Part: Context	'Mothers Choice'	'Siberia'
<input checked="" type="checkbox"/> Stamen: colour of anther	purple-red	reddish-brown
<input type="checkbox"/> Stigma: colour	grey-green	green sometimes red

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Brazil	2004	Granted	'Mothers Choice'
Chile	2005	Granted	'Mothers Choice'
New Zealand	2003	Granted	'Mothers Choice'
EU	2001	Granted	'Mothers Choice'

First sold in The Netherlands in Jul 2002.

Description: **Tim Angus**, Lower Hutt, Wellington, New Zealand.

Details of Application

Application Number	2006/246
Variety Name	'Merlom Ruby'
Genus Species	<i>Lomandra confertifolia</i> ssp <i>rubiginosa</i>
Common Name	Matt Rush
Synonym	Nil
Accepted Date	12 Dec 2006
Applicant	Merricks Nursery, Merricks, VIC
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Macmasters Beach, NSW.
Descriptor	<i>Lomandra</i> (<i>Lomandra</i>) PBR LOMA.
Period	Spring 2007 - summer 2007.
Conditions	Trial conducted in open beds, plants propagated from cuttings, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	1995.

Origin and Breeding

Seedling selection: seed parent *Lomandra confertifolia* ssp *rubiginosa*. The seed parent is characterised by a broad leaf width and grey green coloured foliage. Selection took place in Merricks, VIC in 2004. Selection criteria: upright plant growth habit, narrow leaf width and medium leaf glaucosity. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeder: Richard Anderson, Merricks, 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
Leaf	width	narrow
Plant	growth habit	upright

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Seascape'	similar plant with stronger leaf glaucosity.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'SIR5'	inflorescence sex expression	female	male
<i>Lomandra confertifolia</i> ssp <i>rubiginosa</i> seed parent	Leaf width	narrow	wide

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	'Merlom Ruby'	'Seascape'
<input type="checkbox"/> Plant: growth habit	upright	upright
<input type="checkbox"/> Plant: height	short	short
<input type="checkbox"/> Plant: density	dense	dense
<input checked="" type="checkbox"/> Leaf: texture	medium	fine
<input checked="" type="checkbox"/> Leaf: glaucosity	medium	very strong
<input type="checkbox"/> Leaf: rigidity	medium	medium
<input type="checkbox"/> Leaf: length of blade	medium	medium
<input type="checkbox"/> Leaf: width of blade	narrow	narrow
<input type="checkbox"/> Leaf: cross section	concave	concave
<input type="checkbox"/> Leaf: expression of middle apex	weak	weak
<input type="checkbox"/> Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: colour (RHS colour chart)	146A	147A
<input checked="" type="checkbox"/> Basal sheath: margin shredding	strong	medium
<input type="checkbox"/> Basal sheath: colour	dark brown	dark brown
<input type="checkbox"/> Inflorescence: degree of branching	very weak	very weak
<input type="checkbox"/> Inflorescence: length of floral axis	very short	short
<input type="checkbox"/> Inflorescence: length of peduncle	very short	short
<input checked="" type="checkbox"/> Inflorescence: length of bract	medium	very short
<input type="checkbox"/> Inflorescence: position in relation foliage	below	below

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Merlom Ruby'	'Seascape'
<input checked="" type="checkbox"/> Inflorescence: sex expression	female	male

Statistical Table

Organ/Plant Part: Context	'Merlom Ruby'	'Seascape'
<input type="checkbox"/> Plant: height (cm)		
Mean	39.00	33.80
Std. Deviation	4.50	7.10
LSD/sig	6.82	ns
<input type="checkbox"/> Leaf: length (cm)		
Mean	39.70	42.20
Std. Deviation	3.70	3.90
LSD/sig	4.28	ns
<input type="checkbox"/> Leaf: width (mm)		
Mean	1.75	1.59
Std. Deviation	0.10	0.20
LSD/sig	0.17	ns

Prior Applications and Sales

Prior applications nil. First sold in Australia in Oct 2005.

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

Details of Application

Application Number	2007/121
Variety Name	'Zalsaden'
Genus Species	<i>Alstroemeria</i> hybrid
Common Name	Peruvian Lily
Synonym	Denver
Accepted Date	13 Jun 2007
Applicant	Van Zanten Plants B.V., Aalsmeer, The Netherlands
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW
Qualified Person	David Nichols

Details of Comparative Trial

Overseas Testing	European Union
Authority	
Overseas Data	INC 891
Reference Number	
Location	Silvan, VIC.
Descriptor	Alstroemeia (<i>Alstroemeria</i>) TG/29/6.
Period	Feb 2008.
Conditions	Comparisons of most characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Flower descriptions of the candidate variety are based on plants growing in soil in a multispan polyhouse at Silvan, VIC. Flowers from these plants were cut in bud in Feb 2008 and transferred to Devon Meadows, VIC, and placed in a solution of 5% sugar and 1 ml/l chlorine bleach. The flowers were assessed 3 days later. Descriptions of the comparators are derived from published in the Plant Varieties Journal.
Trial Design	Completely randomised.
Measurements	Taken from all plants.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent '98441-5' x pollen parent '97167-3', in a planned breeding program at the applicant's research station at Rijsenhout, the Netherlands. Both parents are non-commercial varieties within the breeding programme. Selection criteria: flower colour, plant shape and quality. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 10 generations to confirm uniformity and stability. Breeder: Aart van Voorst, Van Zanten Plants B.V., Aalsmeer, the Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	red purple
Stem	thickness	thick
Leaf	length	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cobra'	PVJ 8(1).

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	'Zalsaden'	'Cobra'
<input checked="" type="checkbox"/> *Stem: length	medium	long
<input type="checkbox"/> *Stem: thickness	thick	thick
<input type="checkbox"/> *Stem: density of foliage	medium	medium
<input type="checkbox"/> *Leaf: length	medium	medium
<input type="checkbox"/> *Leaf: width	narrow to medium	medium
<input checked="" type="checkbox"/> *Leaf: shape of blade	narrow-elliptic	elliptic
<input checked="" type="checkbox"/> *Leaf: longitudinal axis of blade	straight	recurved
<input checked="" type="checkbox"/> *Inflorescence: number of branches in umbel	few	many
<input type="checkbox"/> *Inflorescence: length of branches in umbel	short	short
<input checked="" type="checkbox"/> *Inflorescence: length of pedicel	short	very short
<input type="checkbox"/> *Flower: main colour	red purple	red purple
<input type="checkbox"/> *Flower: size	medium to large	medium
<input type="checkbox"/> *Flower: spread of tepals	medium	medium
<input checked="" type="checkbox"/> *Outer tepal: shape of blade	broad obovate	obovate
<input type="checkbox"/> *Outer tepal: depth of emargination	shallow to medium	
<input checked="" type="checkbox"/> *Outer tepal: main colour of inner side of blade (RHS colour chart)	58B	61B
<input checked="" type="checkbox"/> *Outer tepal: stripes on inner side of blade	absent	present
<input type="checkbox"/> *Inner tepal: shape of blade	elliptic	elliptic
<input checked="" type="checkbox"/> *Inner lateral tepal: main colour of inner side of middle zone of blade (RHS colour chart)	12B	6A
<input checked="" type="checkbox"/> Inner lateral tepal: number of stripes on inner side of blade	few	medium
<input type="checkbox"/> *Inner lateral tepal: size of stripes on inner side of blade	small	small to medium
<input type="checkbox"/> *Stamens: main colour of filament	red purple	red purple
<input type="checkbox"/> *Stamens: small spots on filament	absent	absent
<input type="checkbox"/> *Stamens: colour of anthers at the start of dehiscence	brownish	brownish
<input checked="" type="checkbox"/> Pistil: anthocyanin colouration of ovary	absent or very weak	weak
<input checked="" type="checkbox"/> Pistil: spots on the stigma	absent	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Zalsaden'	'Cobra'
<input checked="" type="checkbox"/> Inner median tepal: presence of stripes	absent	present
<input checked="" type="checkbox"/> Inner median tepal: presence of centre colour	absent	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2007	Applied	'Zalsaden'
EU	2006	Applied	'Zalsaden'

First sold in Hungary in Jun 2006.

Description: **David Nichols**, Rye, VIC.

Details of Application

Application Number	2007/118
Variety Name	'Zalsalan'
Genus Species	<i>Alstroemeria</i> hybrid
Common Name	Peruvian Lily
Synonym	Avalange
Accepted Date	13 Jun 2007
Applicant	Van Zanten Plants B.V., Aalsmeer, The Netherlands
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW
Qualified Person	David Nichols

Details of Comparative Trial

Location	Silvan, VIC.
Descriptor	<i>Alstroemeria</i> (<i>Alstroemeria</i>) TG/29/6.
Period	Feb 2008.
Conditions	Comparisons of most characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Flower descriptions of the candidate variety were cross-checked on plants growing in soil in a multispan polyhouse at Silvan, VIC. Flowers from these plants were cut in bud in Feb 2008 and transferred to Devon Meadows, VIC, and placed in a solution of 5% sugar and 1 ml/l chlorine bleach. The flowers were assessed 3 days later. Descriptions of the comparators are derived from published in the Plant Varieties Journal.
Trial Design	Completely randomised.
Measurements	Taken from all trial plants.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent '00469-4' x pollen parent '871069-2', in a planned breeding program at the applicant's research station at Rijsenhout, the Netherlands during the years 1999 to 2006. Both parents are non-commercial varieties within the breeding programme. Selection criteria: flower colour, plant shape and quality. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 10 generations to confirm uniformity and stability. Breeder: Aart van Voorst, Van Zanten Plants B.V., Aalsmeer, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	white
Stem	length	long
Leaf	length	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Zalsarest'	PVJ 18(4)
'Zalsadon'	PVJ current issue

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Virginia'	Stem length	long	medium
'Kofugi'	Inner tepal central colour	yellow	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	'Zalsalan'	'Zalsadon'	'Zalsarest'
<input type="checkbox"/> *Stem: length	long	long	long
<input checked="" type="checkbox"/> *Stem: thickness	medium	thin to medium	medium to thick
<input checked="" type="checkbox"/> *Stem: density of foliage	medium	medium to dense	medium to dense
<input type="checkbox"/> *Leaf: length	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: width	medium	narrow to medium	narrow to medium
<input checked="" type="checkbox"/> *Leaf: shape of blade	narrow-elliptic	elliptic	narrow-elliptic
<input checked="" type="checkbox"/> *Leaf: longitudinal axis of blade	straight	recurved	recurved
<input checked="" type="checkbox"/> *Inflorescence: number of branches in umbel	medium	many	medium to many
<input checked="" type="checkbox"/> *Inflorescence: length of branches in umbel	medium	short to medium	medium
<input checked="" type="checkbox"/> *Inflorescence: length of pedicel	short	short	medium
<input type="checkbox"/> *Flower: main colour	white	white	white
<input checked="" type="checkbox"/> *Flower: size	large	large	medium
<input checked="" type="checkbox"/> *Flower: spread of tepals	medium to large	medium to large	medium
<input type="checkbox"/> *Outer tepal: shape of blade	broad obovate	broad obovate	broad obovate
<input type="checkbox"/> *Outer tepal: depth of emargination	medium	medium	medium
<input checked="" type="checkbox"/> *Outer tepal: main colour of inner side of blade (RHS colour chart)	155C	155B	155D
<input checked="" type="checkbox"/> *Outer tepal: stripes on inner side of blade	absent	absent	present
<input checked="" type="checkbox"/> *Inner tepal: shape of blade	elliptic	obovate	elliptic
<input checked="" type="checkbox"/> *Inner lateral tepal: main colour of inner side of middle zone of blade (RHS colour chart)	7A	17B	8D

<input checked="" type="checkbox"/>	Inner lateral tepal: number of stripes on inner side of blade	medium	medium	few to medium
<input checked="" type="checkbox"/>	*Inner lateral tepal: size of stripes on inner side of blade	small to medium	medium	medium to large
<input type="checkbox"/>	*Stamens: main colour of filament	pink	yellow	white
<input type="checkbox"/>	*Stamens: small spots on filament	absent	absent	absent
<input checked="" type="checkbox"/>	*Stamens: colour of anthers at the start of dehiscence	brownish	greenish	brownish
<input type="checkbox"/>	Pistil: anthocyanin colouration of ovary	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Pistil: spots on the stigma	absent	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Zalsalan'	'Zalsadon'	'Zalsarest'
<input checked="" type="checkbox"/> Inner median tepal: presence of yellow colour	absent	present	absent
<input checked="" type="checkbox"/> Inner median tepal: presence of stripes	absent	present	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2007	Applied	'Zalsalan'
EU	2006	Applied	'Zalsalan'

First sold in Hungary in May 2006.

Description: **David Nichols**, Rye, VIC.

Details of Application

Application Number	2007/120
Variety Name	'Zalsadon'
Genus Species	<i>Alstroemeria</i> hybrid
Common Name	Peruvian Lily
Synonym	Snowdon
Accepted Date	13 Jun 2007
Applicant	Van Zanten Plants B.V., Aalsmeer, The Netherlands
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW
Qualified Person	David Nichols

Details of Comparative Trial

Overseas Testing	Community Plant Variety Office (CPVO)
Authority	
Overseas Data	INC 893
Reference Number	
Location	Wageningen, The Netherlands
Descriptor	<i>Alstroemeria</i> (<i>Alstroemeria</i>) TG/29/6.
Period	2007.
Conditions	Comparisons of the characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands.
Trial Design	Completely randomised.
Measurements	Taken from all trial plants.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent '98415-2' x pollen parent '871069-2', in a planned breeding program at the applicant's research station at Rijsenhout, the Netherlands during the years 2002 to 2006. Both parents are non-commercial varieties within the breeding programme. Selection criteria: flower colour, plant shape and quality. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 10 generations to confirm uniformity and stability. Breeder: Aart van Voorst, Van Zanten Plants B.V., Aalsmeer, the Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	main colour	white
Stem	length	long
Leaf	length	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Zalsalan'	Current Issue
'Zalsarest'	PVJ 18(4)

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Virginia'	Stem	length	long	medium
'Kofugi'	Inner tepal	central colour	yellow	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	'Zalsadon'	'Zalsalan'	'Zalsarest'
<input type="checkbox"/> *Stem: length	long	long	long
<input type="checkbox"/> *Stem: thickness	thin to medium	medium	medium to thick
<input type="checkbox"/> *Stem: density of foliage	medium to dense	medium	medium to dense
<input type="checkbox"/> *Leaf: length	medium	medium	medium
<input type="checkbox"/> *Leaf: width	narrow to medium	medium	narrow to medium
<input checked="" type="checkbox"/> *Leaf: shape of blade	elliptic	narrow-elliptic	narrow-elliptic
<input checked="" type="checkbox"/> *Leaf: longitudinal axis of blade	recurved	straight	recurved
<input checked="" type="checkbox"/> *Inflorescence: number of branches in umbel	many	medium	medium to many
<input type="checkbox"/> *Inflorescence: length of branches in umbel	short to medium	medium	medium
<input checked="" type="checkbox"/> *Inflorescence: length of pedicel	short	short	medium
<input type="checkbox"/> *Flower: main colour	white	white	white
<input checked="" type="checkbox"/> *Flower: size	large	large	medium
<input type="checkbox"/> *Flower: spread of tepals	medium to large	medium to large	medium
<input type="checkbox"/> *Outer tepal: shape of blade	broad obovate	broad obovate	broad obovate
<input type="checkbox"/> *Outer tepal: depth of emargination	medium	medium	medium
<input checked="" type="checkbox"/> *Outer tepal: main colour of inner side of blade (RHS colour chart)	155B	155C	155D
<input checked="" type="checkbox"/> *Outer tepal: stripes on inner side of blade	absent	absent	present
<input checked="" type="checkbox"/> *Inner tepal: shape of blade	obovate	elliptic	elliptic
<input checked="" type="checkbox"/> *Inner lateral tepal: main colour of inner side of middle zone of blade (RHS colour chart)	17B	7A	8D
<input type="checkbox"/> Inner lateral tepal: number of stripes on inner side of blade	medium	medium	few to medium
<input type="checkbox"/> *Inner lateral tepal: size of stripes on inner side of blade	medium	small to medium	medium to large

<input checked="" type="checkbox"/>	*Stamens: main colour of filament	yellow	pink	white
<input type="checkbox"/>	*Stamens: small spots on filament	absent	absent	absent
<input checked="" type="checkbox"/>	*Stamens: colour of anthers at the start of dehiscence	greenish	brownish	brownish
<input type="checkbox"/>	Pistil: anthocyanin colouration of ovary	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Pistil: spots on the stigma	absent	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Zalsadon'	'Zalsalan'	'Zalsarest'
<input checked="" type="checkbox"/> Inner median tepal: presence of stripes	present	absent	
<input checked="" type="checkbox"/> Inner median tepal: presence of centre colour	present	absent	absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2007	Applied	'Zalsadon'
EU	2006	Applied	'Zalsadon'

First sold in Hungary in May 2006.

Description: **David Nichols**, Rye, VIC.

Details of Application

Application Number	2007/119
Variety Name	'Zalsachic'
Genus Species	<i>Alstroemeria</i> hybrid
Common Name	Peruvian Lily
Synonym	Chicago
Accepted Date	13 Jun 2007
Applicant	Van Zanten Plants B.V., Aalsmeer, The Netherlands
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW
Qualified Person	David Nichols

Details of Comparative Trial

Overseas Testing	European Union
Authority	
Overseas Data	INC 890
Reference Number	
Location	Bunyip, VIC.
Descriptor	Alstroemeia (<i>Alstroemeria</i>) TG/29/6
Period	Feb 2008.
Conditions	Comparisons of most characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Flower descriptions of the candidate variety were cross-checked on plants growing in soil in a multispan polyhouse at Bunyip VIC. Flowers from these plants were cut in bud in February 2008 and transferred to Devon Meadows VIC, and placed in a solution of 5% sugar and 1 ml/l chlorine bleach. The flowers were assessed 3 days later. Descriptions of the comparators are derived from published in the Plant Varieties Journal.
Trial Design	Completely randomised.
Measurements	Taken from all trial plants.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent '98426-2' x pollen parent '98557-3', in a planned breeding program at the applicants research station at Rijsenhout, the Netherlands. Both parents are non-commercial varieties within the breeding programme. Selection criteria: flower colour, plant shape and quality. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 10 generations to confirm uniformity and stability. Breeder: Aart van Voorst, Van Zanten Plants B.V., Aalsmeer, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	red
Flower	size	medium
Stamen	main colour of filament	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Starexan'	PVJ 12(4).

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	'Zalsachic'	'Starexan'
<input checked="" type="checkbox"/> *Stem: length	medium	long
<input checked="" type="checkbox"/> *Stem: thickness	thick	thin
<input checked="" type="checkbox"/> *Stem: density of foliage	medium	dense
<input checked="" type="checkbox"/> *Leaf: length	medium	long
<input type="checkbox"/> *Leaf: width	medium	medium
<input checked="" type="checkbox"/> *Leaf: shape of blade	narrow-elliptic	narrow-ovate
<input type="checkbox"/> *Leaf: longitudinal axis of blade	straight	recurved
<input checked="" type="checkbox"/> *Inflorescence: number of branches in umbel	many to very many	medium
<input checked="" type="checkbox"/> *Inflorescence: length of branches in umbel	medium	long
<input type="checkbox"/> *Inflorescence: length of pedicel	long	long
<input type="checkbox"/> *Flower: main colour	red	red
<input type="checkbox"/> *Flower: size	medium	medium
<input type="checkbox"/> *Flower: spread of tepals	medium	medium
<input checked="" type="checkbox"/> *Outer tepal: shape of blade	broad obovate	obovate
<input checked="" type="checkbox"/> *Outer tepal: depth of emargination	shallow	medium
<input checked="" type="checkbox"/> *Outer tepal: main colour of inner side of blade (RHS colour chart)	45B, 46B	45B, 54A
<input checked="" type="checkbox"/> *Outer tepal: stripes on inner side of blade	absent	present
<input checked="" type="checkbox"/> *Inner tepal: shape of blade	elliptic	obovate
<input checked="" type="checkbox"/> *Inner lateral tepal: main colour of inner side of middle zone of blade (RHS colour chart)	155C	14A
<input checked="" type="checkbox"/> Inner lateral tepal: number of stripes on inner side of blade	many	medium
<input type="checkbox"/> *Inner lateral tepal: size of stripes on inner side of blade	medium	medium to large
<input type="checkbox"/> *Stamens: main colour of filament	red	red
<input type="checkbox"/> *Stamens: small spots on filament	absent	absent
<input type="checkbox"/> *Stamens: colour of anthers at the start of dehiscence	brownish	brownish
<input checked="" type="checkbox"/> Pistil: anthocyanin colouration of ovary	medium	weak
<input type="checkbox"/> Pistil: spots on the stigma	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Zalsachic'	'Starexan'
<input type="checkbox"/> Inner median tepal: presence of centre colour	absent	absent
<input type="checkbox"/> Inner median tepal: presence of stripes	present	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2007	Applied	'Zalsachic'
EU	2006	Applied	'Zalsachic'

First sold in France in May 2006.

Description: **David Nichols**, Rye, VIC.

Details of Application

Application Number	2007/122
Variety Name	'Zalsamon'
Genus Species	<i>Alstroemeria</i> hybrid
Common Name	Peruvian Lily
Synonym	Lemon
Accepted Date	13 Jun 2007
Applicant	Van Zanten Plants B.V., Aalsmeer, The Netherlands
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW
Qualified Person	David Nichols

Details of Comparative Trial

Overseas Testing	European Union
Authority	
Overseas Data	INC 892
Reference Number	
Location	Bunyip, VIC.
Descriptor	<i>Alstroemeia (Alstroemeria)</i> TG/29/6.
Period	Feb 2008.
Conditions	Comparisons of most characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Flower descriptions of the candidate variety were cross-checked on plants growing in soil in a multispans polyhouse at Bunyip VIC. Flowers from these plants were cut in bud in February 2008 and transferred to Devon Meadows VIC, and placed in a solution of 5% sugar and 1 ml/l chlorine bleach. The flowers were assessed 3 days later. Descriptions of the comparators are derived from published in the Plant Varieties Journal.
Trial Design	Completely randomised.
Measurements	Taken from all plants.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent '9818-1' x pollen parent '0023-1', in a planned breeding program at the applicants research station at Rijsenhout, the Netherlands. Both parents are non-commercial varieties within the breeding programme. Selection criteria: flower colour, plant shape and quality. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 10 generations to confirm uniformity and stability. Breeder: Aart van Voorst, Van Zanten Plants B.V., Aalsmeer, the Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	yellow
Flower	size	medium
Outer tepal	shape of blade	broad obovate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kogoa'	PVJ 18(4)

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Stalove'	Stem length	medium	long	PVJ 9(1)
'Stalove'	Flower size	medium	large	
'Stalove'	Outer tepal shape of blade	broad obovate	narrow obovate	

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	'Zalsamon'	'Kogoa'
<input type="checkbox"/> *Stem: length	medium	medium to long
<input checked="" type="checkbox"/> *Stem: thickness	thin to medium	medium to thick
<input type="checkbox"/> *Stem: density of foliage	medium	medium
<input checked="" type="checkbox"/> *Leaf: length	short	long
<input checked="" type="checkbox"/> *Leaf: width	narrow	medium
<input type="checkbox"/> *Leaf: shape of blade	narrow-elliptic	narrow-elliptic
<input checked="" type="checkbox"/> *Leaf: longitudinal axis of blade	straight	recurved
<input checked="" type="checkbox"/> *Inflorescence: number of branches in umbel	few	many
<input checked="" type="checkbox"/> *Inflorescence: length of branches in umbel	short	medium
<input type="checkbox"/> *Inflorescence: length of pedicel	medium	short to medium
<input type="checkbox"/> *Flower: main colour	yellow	yellow
<input type="checkbox"/> *Flower: size	medium	medium
<input type="checkbox"/> *Flower: spread of tepals	medium	medium
<input type="checkbox"/> *Outer tepal: shape of blade	broad obovate	broad obovate
<input checked="" type="checkbox"/> *Outer tepal: depth of emargination	shallow	medium
<input checked="" type="checkbox"/> *Outer tepal: main colour of inner side of blade (RHS colour chart)	7A, 13A	13B
<input checked="" type="checkbox"/> *Outer tepal: stripes on inner side of blade	present	absent
<input type="checkbox"/> *Outer tepal: number of stripes on inner side of blade	very few	
<input checked="" type="checkbox"/> *Inner tepal: shape of blade	elliptic	obovate

<input type="checkbox"/>	*Inner lateral tepal: main colour of inner side of middle zone of blade (RHS colour chart)	7A, 13A	13B
<input type="checkbox"/>	Inner lateral tepal: number of stripes on inner side of blade	medium	few to medium
<input type="checkbox"/>	*Inner lateral tepal: size of stripes on inner side of blade	medium	medium
<input checked="" type="checkbox"/>	*Stamens: main colour of filament	pink	yellow
<input type="checkbox"/>	*Stamens: small spots on filament	absent	absent
<input checked="" type="checkbox"/>	*Stamens: colour of anthers at the start of dehiscence	brownish	greenish
<input type="checkbox"/>	Pistil: anthocyanin colouration of ovary	absent or very weak	absent or very weak
<input type="checkbox"/>	Pistil: spots on the stigma	absent	absent
<u>Characteristics Additional to the Descriptor/TG</u>			
Organ/Plant Part: Context		'Zalsamon'	'Kogoa'
<input type="checkbox"/>	Inner median tepal: presence of yellow colour	present	present
<input type="checkbox"/>	Inner median tepal: presence of stripes	present	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2007	Applied	'Zalsamon'
EU	2006	Applied	'Zalsamon'

First sold in Hungary in Jun 2006.

Description: **David Nichols**, Rye, VIC.

Details of Application

Application Number	2007/193
Variety Name	'Holdfast GT'
Genus Species	<i>Phalaris aquatica</i>
Common Name	Phalaris
Synonym	Nil
Accepted Date	17 Aug 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT and Australian Wool Innovation Limited, Sydney, NSW
Agent	N/A
Qualified Person	Richard Culvenor

Details of Comparative Trial

Location	Ginninderra Experiment Station ACT.
Descriptor	Phalaris (<i>Phalaris</i>) PBR PHAL.
Period	Aug 2006 – Feb 2008.
Conditions	Seed was sown into wooden boxes containing potting mix in May 2006 and germinated and grown in a glasshouse until plants were transferred to cold frames for cold-hardening in Jul and then transplanted to the field on 1 Aug 2006. Plants received soluble fertiliser and spray irrigation at transplanting and were irrigated several times during a severe drought in spring 2006. Plants were allowed to head in 2006 but heads were removed in Dec 2006 before seed was shed. Plants were mown at about 8 cm height in mid-Mar 2007 and fertilised with 12 kg P/ha and 40 kg N/ha. Plants received spray irrigation on 16 Apr 2007. Weeds were controlled by mowing and hand pulling. No herbicides or fungicides were used but numerous plants were affected to some extent by stem rust during an extended wet period in spring 2007.
Trial Design	96 plants per line were arranged in a randomised block design with 6 reps and 16 plants per rep on a 1m x 1m spacing.
Measurements	All available plants were measured for all attributes except for length and width of the first leaf below the flag leaf, and panicle and upper internode length, for which 72 plants taken at random were measured. Seedling size was scored on a 1-10 scale in Oct 2006. Time of inflorescence emergence was measured with day 0 as 26 Oct 2006. Vegetative leaf length and width were measured on 2 fully expanded leaves per plant on 30 Jul – 1 Aug 2007. Winter growth, tiller density and leaf fineness were scored on a 1-9 scale and leaf colour on a 1-5 scale (1 = light, 5 = dark) on 6-7 Aug 2007. Growth habit at inflorescence emergence was scored on a 1-9 scale (1 = very erect to 9 = very prostrate) in 2007. The proportion of plants with hairy glumes was assessed from 31 Oct – 2 Nov 2007, length and width of the first leaf below the flag leaf, and panicle and upper internode length, were measured from 11-14 Dec 2007, proportion of seed retaining plants on 9-10 Jan 2008 and the proportion of plants with non-shattering

panicles on 14 Feb 2008. The proportion of plants showing red colouration in root tips was measured on germinating seedlings using 5 Petri dishes per line with approx. 100 seeds per dish. Colour intensity of red root tips ranged from intense to very faint. A small grazed sward experiment next to the spaced plant trial compared basal frequency measured as the proportion of squares in a grid which contained live base of phalaris. Cultivars were sown at 3 kg/ha in autumn 1995, grazed intermittently in 2006 and continuously through 2007 until frequency was measured in Nov 2007. Only one generation of 'Holdfast GT' was in this trial.

RHS Chart - edition N/A.

Origin and Breeding

Mass selection followed by half-sib family selection: three populations of winter-active phalaris were subjected to 2 cycles of selection for high persistence under heavy, largely continuous grazing pressure in the Canberra region. The cv. 'Holdfast' pre-basic population and a broadly-based seed-retaining population were selected on a half-sib family basis in replicated plot trials for both cycles. The 1988 open-pollinated generation of 'Perla Retainer', an early progenitor of cv. 'Atlas PG', underwent mass selection under grazing in the first cycle, and half-sib family selection in the second cycle. Cycle 2 selections were screened for levels of known alkaloids and plants with high levels were culled. Cycle 2 half-sib progeny were sown in replicated trials at three diverse sites to progeny-test potential parent plants for a winter-active cultivar with improved persistence. Parents were chosen mainly on persistence at two of the sites and also on good seed retention and reasonable second-year winter growth potential in the progeny. 'Holdfast GT' was formed from 19 parents. Pre-basic and basic generations were used for PBR tests. Breeder: CSIRO Plant Industry, Canberra, ACT.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	winter growth activity	medium to high or high
Plant	intact rachilla seed retention	medium or high or high to very high

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Holdfast'	Seed-retaining, similar winter growth
'Landmaster'	Seed-retaining, similar winter growth
'Advanced AT'	Seed-retaining, similar winter growth
'Atlas PG'	Seed retaining, similar winter growth, more summer dormant than 'Holdfast GT' but shares some common genetic background with 'Holdfast GT'.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Sirosa'	Plant intact rachilla seed retention	high	absent
'Australian II'	Plant winter growth activity	high	low to medium

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

Organ/Plant Part: Context	‘Holdfast GT’	‘Advanced AT’	‘Atlas PG’	‘Holdfast’	‘Landmaster’
<input type="checkbox"/> Plant: winter growth (late Jul-Aug)	medium to high	high	high	medium to high	high
<input checked="" type="checkbox"/> Plant: tiller density (late Jul-Aug)	medium to high	low to medium	low to medium	low to medium	low to medium
<input checked="" type="checkbox"/> Leaf: length (late Jul-Aug)	medium	long to very long	long	long	long
<input checked="" type="checkbox"/> Leaf: width (late Jul-Aug)	narrow to medium	broad	broad to very broad	broad	broad
<input type="checkbox"/> Plant: time of inflorescence emergence	early to medium	early to medium	early to medium	early to medium	medium
<input type="checkbox"/> Plant: growth habit at inflorescence emergence	semi-erect	semi-erect	erect	semi-erect	semi-erect
<input type="checkbox"/> Plant: natural height at inflorescence emergence	medium to tall	medium to tall	tall	tall	medium to tall
<input checked="" type="checkbox"/> Plant: proportion of plants with hairs on outer glumes	medium	medium to high	very high	medium to high	medium to high
<input checked="" type="checkbox"/> Stem: length of longest stem including inflorescence (when fully expanded)	medium to long	medium to long	long to very long	long	long
<input checked="" type="checkbox"/> Stem: length of upper internode (when fully expanded)	medium	medium	long	medium to long	medium
<input type="checkbox"/> Inflorescence: length (when fully expanded)	long	medium to long	medium to long	medium to long	long
<input checked="" type="checkbox"/> First leaf below flag leaf: length (when fully expanded)	medium	medium to long	long	long	long
<input checked="" type="checkbox"/> First leaf below flag leaf: width (same leaf as that used for 12)	medium to broad	broad	very broad	broad	broad
<input checked="" type="checkbox"/> Plant: proportion of plants with intact rachilla seed retention	high	high	high	high to very high	medium
<input checked="" type="checkbox"/> Plant: proportion of plants with non-shattering	medium	medium	very high	high to very high	medium to high

inflorescences approx. 6
weeks after seed maturity

<input checked="" type="checkbox"/>	Plant: proportion of plants with red root tips in germinating seedlings	medium to high	absent or very low	high	low to medium	medium
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Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Holdfast GT’	‘Advanced AT’	‘Atlas PG’	‘Holdfast’	‘Landmaster’
<input type="checkbox"/> Seedling: growth	high	high	high	high to very high	high
<input checked="" type="checkbox"/> Leaf: colour	medium to dark	light to medium	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: fineness	medium to narrow	broad to medium	broad to medium	broad to medium	medium
<input checked="" type="checkbox"/> Sward: basal frequency after 2 years of grazing	high to very high			medium to high	medium to high

Statistical Table

Organ/Plant Part: Context	‘Holdfast GT’	‘Advanced AT’	‘Atlas PG’	‘Holdfast’	‘Landmaster’
<input checked="" type="checkbox"/> Leaf: length (late Jul to Aug) (mm)					
Mean	268.60	310.90	285.10	294.00	286.70
Std. Deviation	50.20	59.70	44.90	63.20	57.20
LSD/sig	30.80	P≤0.01	ns	ns	ns
Means Separation	a	b	ab	ab	ab
Method Used	ANOVA				
<input checked="" type="checkbox"/> leaf: width (late Jul to Aug) (mm)					
Mean	13.18	15.05	15.16	15.00	14.92
Std. Deviation	2.03	1.99	1.95	2.35	2.21
LSD/sig	0.96	P≤0.01	P≤0.01	P≤0.01	P≤0.01
Means Separation	a	b	b	b	b
Method Used	ANOVA				
<input type="checkbox"/> Plant: time of inflorescence emergence (days)					
Mean	12.53	11.11	12.60	11.87	14.04
Std. Deviation	4.08	3.92	4.19	4.60	4.73
LSD/sig	2.54	ns	ns	ns	ns
Means Separation	ab	b	ab	ab	a
Method Used	ANOVA				
<input type="checkbox"/> Plant: natural height at inflorescence emergence (cm)					
Mean	102.10	103.70	111.10	106.80	103.10
Std. Deviation	18.54	16.22	16.75	20.43	21.75
LSD/sig	9.90	ns	ns	ns	ns
Means Separation	a	a	a	a	a
Method Used	ANOVA				
<input checked="" type="checkbox"/> Plant: proportion with hairs on outer glumes (cm)					

Mean	46.00	61.70	90.90	52.50	59.80
Std. Deviation	5.30	5.03	3.02	4.97	5.07
Chi-square /sig	6.635	P≤0.01	P≤0.01	ns	ns
Means Separation	a	b	c	ab	ab
Method Used	Chi-square				
<input checked="" type="checkbox"/>	Stem: length of longest stem including inflorescence (when fully expanded) (cm)				
Mean	140.60	137.80	150.30	143.40	144.50
Std. Deviation	13.60	15.20	14.50	14.90	13.90
LSD/sig	9.60	ns	P≤0.01	ns	ns
Means Separation	a	a	b	ab	ab
Method Used	ANOVA				
<input checked="" type="checkbox"/>	Stem: length of upper internode (when fully expanded) (cm)				
Mean	30.06	30.96	35.05	33.95	31.81
Std. Deviation	5.19	5.90	5.99	5.81	7.10
LSD/sig	4.48	ns	P≤0.01	ns	ns
Means Separation	a	ab	b	ab	ab
Method Used	ANOVA				
<input type="checkbox"/>	Inflorescence: length (when fully expanded) (cm)				
Mean	85.42	77.62	77.58	80.82	86.74
Std. Deviation	13.42	15.39	13.26	15.35	16.19
LSD/sig	9.89	ns	ns	ns	ns
Means Separation	a	a	a	a	a
Method Used	ANOVA				
<input checked="" type="checkbox"/>	First leaf below flag leaf: length (when fully expanded) (mm)				
Mean	119.20	120.88	134.57	142.10	135.52
Std. Deviation	24.90	32.50	28.40	32.20	32.90
LSD/sig	22.20	ns	ns	P≤0.01	ns
Means Separation	a	ab	ab	b	ab
Method Used	ANOVA				
<input checked="" type="checkbox"/>	First leaf below flag leaf: width (same leaf as that used for length) (mm)				
Mean	11.00	11.93	12.81	11.61	11.79
Std. Deviation	1.98	2.13	1.79	2.34	2.28
LSD/sig	1.20	ns	P≤0.01	ns	ns
Means Separation	a	ab	b	a	a
Method Used	ANOVA				
<input checked="" type="checkbox"/>	Plant: proportion with intact rachilla seed retention (%)				
Mean	76.10	78.10	73.00	83.50	51.60
Std. Deviation	4.09	3.53	4.19	3.42	4.82
Chi-square /sig	6.635	ns	ns	ns	P≤0.01
Means Separation	a	a	a	a	b
Method Used	Chi-square				
<input checked="" type="checkbox"/>	Plant: proportion with non-shattering inflorescences approx. 6 weeks after seed maturity (%)				
Mean	57.10	58.30	90.20	81.00	64.50
Std. Deviation	4.72	4.52	8.13	3.49	4.61
Chi-square /sig	6.635	ns	P≤0.01	P≤0.01	ns
Means Separation	a	a	b	b	a
Method Used	Chi-square				

☑	Plant: proportion with red root tips in germinating seedlings (%)				
Mean	53.40	2.20	63.20	36.40	48.70
Std. Deviation	10.50	3.10	9.86	7.82	9.95
Chi-square /sig	6.635	P≤0.01	P≤0.01	P≤0.01	ns
Means Separation	c	a	d	b	c
Method Used	Chi-square				
☑	Sward: basal frequency after 2 years grazing (%)				
Mean	73.90			55.80	55.10
Std. Deviation	7.71			14.14	5.05
LSD/sig	13.50			P≤0.01	P≤0.01
Means Separation	a			b	b
Method Used	ANOVA				

Prior Applications and Sales

Nil.

Description: **Richard Culvenor**, CSIRO, Canberra, ACT.

Details of Application

Application Number	2007/188
Variety Name	'Advanced AT'
Genus Species	<i>Phalaris</i> hybrid
Common Name	Phalaris
Synonym	Nil
Accepted Date	27 Aug 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT and Australian Wool Innovation Limited, Sydney, NSW
Agent	N/A
Qualified Person	Richard Culvenor

Details of Comparative Trial

Location	Ginninderra Experiment Station, ACT.
Descriptor	Phalaris (<i>Phalaris</i>) PBR PHIL.
Period	Aug 2006 – Feb 2008.
Conditions	Seed was sown into wooden boxes containing potting mix in May 2006 and germinated and grown in a glasshouse until plants were transferred to cold frames for cold-hardening in Jul and then transplanted to the field on 1 Aug 2006. Plants received soluble fertiliser and spray irrigation at transplanting and were irrigated several times during a severe drought in spring 2006. Plants were allowed to head in 2006 but heads were removed in Dec 2006 before seed was shed. Plants were mown at about 8 cm height in mid-Mar 2007 and fertilised with 12 kg P/ha and 40 kg N/ha. Plants received spray irrigation on 16 Apr 2007. Weeds were controlled by mowing and hand pulling. No herbicides or fungicides were used but numerous plants were affected to some extent by stem rust during an extended wet period in spring 2007.
Trial Design	96 plants per line were arranged in a randomised block design with 6 reps and 16 plants per rep on a 1m x 1m spacing
Measurements	All available plants were measured for all attributes except for length and width of the first leaf below the flag leaf, and panicle and upper internode length, for which 72 plants taken at random were measured. Seedling size was scored on a 1-10 scale in Oct 2006. Time of inflorescence emergence was measured with day 0 as 26 Oct 2006. Vegetative leaf length and width were measured on 2 fully expanded leaves per plant on 30 Jul – 1 Aug 2007. Winter growth, tiller density and leaf fineness were scored on a 1-9 scale and leaf colour on a 1-5 scale (1 light, 5 dark) on 6-7 Aug 2007. Growth habit at inflorescence emergence was scored on a 1-9 scale (1 = very erect to 9 = very prostrate) in 2007. The proportion of plants with hairy glumes was assessed from 31 Oct – 2 Nov 2007. Length and width of the first leaf below the flag leaf, and panicle and upper internode length, were measured from 11-14 Dec 2007, proportion of seed-retaining plants on 9-10 Jan 2008 and the proportion of plants with non-shattering

panicles on 14 Feb 2008. Al tolerance was measured in nutrient solution of pH 4.2 containing 100 µM Al with 75 plants per cultivar arranged in 10 reps. 30 plants arranged in 4 reps were also grown in the absence of Al to allow tolerance to be calculated as relative root elongation (+Al/-Al). Nutrient solution was that used by Requis & Culvenor (2004) Euphytica 139, 9-18, but at 80% strength. The proportion of plants showing red colouration in root tips was measured on germinating seedlings using 5 Petri dishes per line with approx. 100 seeds per dish. Colour intensity of red root tips ranged from intense to very faint.

RHS Chart - edition N/A.

Origin and Breeding

Controlled pollination: F₁ hybrids between *Phalaris aquatica* and *Phalaris arundinacea* were backcrossed to bulk pollen of *P. aquatica* populations including a broadly-based, seed-retaining population and precursors of cv. 'Holdfast'. BC₁ and BC₂ progeny were screened in 10 ppm Al in nutrient solution and 50 relatively Al-tolerant genotypes selected (16 BC₁ + 34 BC₂). The 50 genotypes were crossed with progeny of the same plants that flowered at acid field sites in VIC. After 2 cycles of random recombination without selection, backcross plants plus some extra *P. aquatica* plants underwent two cycles of selection at acid field sites in VIC and the ACT. Plants from 35 families were selected in 1994 and recombined to give the 'AT94' generation which has 13% of its parentage from *P. arundinacea*. 'AT94' was subjected to 2 annual cycles of between and within half-sib family selection for seedling growth on acid soil at one site followed by a 2-year cycle of between and within half-sib family selection for seedling and second-year growth and seed-retention at two acid sites to give the 'AT98' generation. 'Advanced AT' was formed from parents selected by progeny testing 'AT98' families at two sites in NSW and two sites in VIC high in available Al. Pre-basic and basic generations were used for PBR tests. Breeder: CSIRO Plant Industry, Canberra, ACT.

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	intact rachilla seed retention	medium or high or high to very high
Plant	winter growth habit	high or medium to high

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Landmaster'	Seed-retaining, similar winter growth and habit, nearest in Al tolerance
'Holdfast'	Seed-retaining, similar winter growth and habit

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Atlas PG'	Plant summer dormancy	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	'Advanced AT'	'Holdfast'	'Landmaster'
<input type="checkbox"/> Plant: winter growth (late Jul-Aug)	high	medium to high	high
<input type="checkbox"/> Plant: tiller density (late Jul-Aug)	low to medium	low to medium	low to medium
<input type="checkbox"/> Leaf: length (late Jul-Aug)	long to very long	long	long
<input type="checkbox"/> Leaf: width (late Jul-Aug)	broad	broad	broad
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence	early to medium	early to medium	medium to late
<input type="checkbox"/> Plant: growth habit at inflorescence emergence	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Plant: natural height at inflorescence emergence	medium to tall	tall	medium to tall
<input type="checkbox"/> Plant: proportion of plants with hairs on outer glumes	medium to high	medium	medium to high
<input type="checkbox"/> Stem: length of longest stem including inflorescence (when fully expanded)	medium to long	long	long
<input type="checkbox"/> Stem: length of upper internode (when fully expanded)	medium	medium to long	medium
<input type="checkbox"/> Inflorescence: length (when fully expanded)	medium to long	medium to long	long
<input type="checkbox"/> First leaf below flag leaf: length (when fully expanded)	medium to long	long	long
<input type="checkbox"/> First leaf below flag leaf: width (same leaf as that used for 12)	broad	broad	broad
<input checked="" type="checkbox"/> Plant: proportion of plants with intact rachilla seed retention	high	high to very high	medium
<input checked="" type="checkbox"/> Plant: proportion of plants with non-shattering inflorescences approx. 6 weeks after seed maturity	medium	high to very high	medium to high
<input checked="" type="checkbox"/> Plant: proportion of plants with red root tips in germinating seedlings	absent or very low	low to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Advanced AT'	'Holdfast'	'Landmaster'
<input checked="" type="checkbox"/> Root: relative elongation in A1	medium to high	very low to low	low to medium
<input type="checkbox"/> Seedling: growth	high	high	high
<input type="checkbox"/> Leaf: colour	light to medium	medium	medium
<input type="checkbox"/> Leaf: fineness	broad to medium	broad to medium	medium

Statistical Table

Organ/Plant Part: Context	'Advanced AT'	'Holdfast'	'Landmaster'
<input type="checkbox"/> Leaf: length (late Jul to Aug) (mm)			
Mean	310.90	294.00	286.70
Std. Deviation	59.70	63.20	57.20
LSD/sig	30.84	ns	ns
Means Separation	a	a	a
Method Used	ANOVA		
<input type="checkbox"/> Leaf: width (late Jul to Aug) (mm)			
Mean	15.05	15.00	14.92
Std. Deviation	1.99	2.35	2.21
LSD/sig	0.96	ns	ns
Means Separation	a	a	a
Method Used	ANOVA		
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence (days)			
Mean	11.11	11.87	14.04
Std. Deviation	3.92	4.60	4.73
LSD/sig	2.54	ns	P≤0.01
Means Separation	a	ab	b
Method Used	ANOVA		
<input type="checkbox"/> Plant: natural height at inflorescence emergence (cm)			
Mean	103.70	106.80	103.10
Std. Deviation	16.22	20.43	21.75
LSD/sig	9.90	ns	ns
Means Separation	a	a	a
Method Used	ANOVA		
<input type="checkbox"/> Plant: proportion with hairs on outer glumes (%)			
Mean	61.70	52.50	59.80
Std. Deviation	5.03	4.97	5.07
Chi-square/sig	6.635	ns	ns
Means Separation	a	a	a
Method Used	Chi-square		
<input type="checkbox"/> Stem: length of longest stem including inflorescence (when fully expanded) (mm)			
Mean	137.80	143.40	144.50
Std. Deviation	15.20	14.90	13.90
LSD/sig	9.60	ns	ns
Means Separation	a	a	a
Method Used	ANOVA		
<input type="checkbox"/> Stem: length of upper internode (when fully expanded) (cm)			
Mean	30.96	33.95	31.81
Std. Deviation	5.90	5.81	7.10
LSD/sig	4.48	ns	ns
Means Separation	a	a	a
Method Used	ANOVA		
<input type="checkbox"/> Inflorescence: length (when fully expanded) (mm)			
Mean	77.62	80.82	86.74

Std. Deviation	15.39	15.35	16.19
LSD/sig	9.89	ns	ns
Means Separation	a	a	a
Method Used	ANOVA		
<input type="checkbox"/>	First leaf below flag leaf: length (when fully expanded) (mm)		
Mean	120.88	142.10	135.52
Std. Deviation	32.50	32.20	32.90
LSD/sig	22.23	ns	ns
Means Separation	a	a	a
Method Used	ANOVA		
<input type="checkbox"/>	First leaf below flag leaf: width (same leaf as that used for length) (mm)		
Mean	11.93	11.61	11.79
Std. Deviation	2.13	2.34	2.28
LSD/sig	1.20	ns	ns
Means Separation	a	a	a
Method Used	ANOVA		
<input checked="" type="checkbox"/>	Plant: proportion with intact rachilla seed retention (%)		
Mean	78.10	83.50	51.60
Std. Deviation	3.53	3.42	4.82
Chi-square /sig	6.635	ns	$P \leq 0.01$
Means Separation	a	a	b
Method Used	Chi-square		
<input checked="" type="checkbox"/>	Plant: proportion with non-shattering inflorescences approx. 6 weeks after seed maturity (%)		
Mean	58.30	81.00	64.50
Std. Deviation	4.52	3.49	4.61
Chi-square /sig	6.635	$P \leq 0.01$	ns
Means Separation	a	b	ab
Method Used	Chi-square		
<input checked="" type="checkbox"/>	Plant: proportion with red root tips in germinating seedlings (%)		
Mean	2.20	36.40	48.70
Std. Deviation	3.10	7.82	9.95
Chi-square /sig	6.635	$P \leq 0.01$	$P \leq 0.01$
Means Separation	a	b	c
Method Used	Chi-square		
<input checked="" type="checkbox"/>	Root: relative elongation in Al		
Mean	0.38	0.15	0.26
Std. Deviation	0.24	0.19	0.19
LSD/sig	0.108	$P \leq 0.01$	$P \leq 0.01$
Means Separation	a	c	b
Method Used	ANOVA		

Prior Applications and Sales

Nil.

Description: **Richard Culvenor**, CSIRO, Canberra, ACT.

Details of Application

Application Number	2007/275
Variety Name	'MAC03'
Genus Species	<i>Zoysia macrantha</i>
Common Name	Prickly Couch
Synonym	Nara
Accepted Date	30 Nov 2007
Applicant	Ozbreed Pty Ltd, Clarendon, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Clarendon, NSW.
Descriptor	<i>Cynodon</i> (<i>Cynodon dactylon</i> x <i>C. transvaalensis</i>) PBR CYNO
Period	Oct 2007 – Feb 2008.
Conditions	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required. Plants trimmed 10 weeks before assessment.
Trial Design	Thirty pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	2001.

Origin and Breeding

Open pollination followed by seedling selection: seed parent *Zoysia macrantha*. 2000-2005: open pollination of *Zoysia macrantha* selections originally collected from NSW coastal areas including Central Coast and Wollongong. Each year, selections were made based on speed of growth and overall turf habit (density, ground coverage) and these were then the parents for the following year's selections. Slower varieties were discarded. The result was greatly improved growth rates more suited to lawn use. 2006-2007: the final selection was made from the parent selection 'T11'. This selection was considered to have a good turf habit, a broader leaf width, fast growth rate and good salt tolerance. The seed parent is characterised by narrow leaf width, medium growth vigour and medium salt tolerance. Selection took place in Clarendon, NSW in 2006. Selection criteria: broader leaf width, strong growth vigour, dense growth habit and strong salt tolerance. Propagation: vegetative, division is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW. All work was carried out at 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
Stolon	internode length	medium
Inflorescence	length of peduncle	medium
Inflorescence	anthers	present
Leaf	colour	yellow green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'T11'	parent variety selected by Ozbreed.
Terrigal ecotype	
Wollongong ecotype	

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	'MAC03'	'T11'	Terrigal ecotype	Wollongong ecotype
<input type="checkbox"/> Plant: habit	stoloniferous	stoloniferous	stoloniferous	stoloniferous
<input type="checkbox"/> Stolon: internode length	medium	medium	medium	medium
<input checked="" type="checkbox"/> Stolon: internode thickness	broad	medium	medium	medium
<input type="checkbox"/> Stolon: colour when exposed to sunlight	187A	187A	187A	187A
<input type="checkbox"/> Leaf blade: shape	ligulate	ligulate	ligulate	ligulate
<input checked="" type="checkbox"/> Leaf blade: length	long	medium to long	medium	medium
<input checked="" type="checkbox"/> Leaf blade: width	broad	medium	medium	medium
<input type="checkbox"/> Leaf blade: colour	146B	146A	146A	146A
<input type="checkbox"/> Inflorescence: length of peduncle	medium	medium	medium	medium
<input type="checkbox"/> Leaf blade: apex	narrow acute	narrow acute	narrow acute	narrow acute
<input type="checkbox"/> Inflorescence: anthers present	present	present	present	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'MAC03'	'T11'	Terrigal ecotype	Wollongong ecotype
<input checked="" type="checkbox"/> Plant: vigour	strong to very strong	medium to strong	medium	weak to medium
<input checked="" type="checkbox"/> Stolon: length	long to very long	medium	medium	short to medium
<input checked="" type="checkbox"/> Stolon: diameter of node	medium to broad	narrow to medium	medium	medium
<input type="checkbox"/> Leaf blade: attitude	horizontal to semi-erect	horizontal to semi-erect	horizontal to semi-erect	horizontal to semi-erect
<input type="checkbox"/> Leaf blade: profile in cross-section	flat	flat	flat	flat
<input type="checkbox"/> Glume: predominant colour (RHS)	N186C	N186C	N186C	N186C
<input checked="" type="checkbox"/> Inflorescence: length of spike	medium to long	medium to long	medium	medium
<input type="checkbox"/> Peduncle: colour (RHS)	147B	147B	147B	147B

Statistical Table

Organ/Plant Part: Context	‘MAC03’	‘T11’	Terrigal ecotype	Wollongong ecotype
<input checked="" type="checkbox"/> Stolon: length (cm)				
Mean	40.40	20.70	18.60	15.00
Std. Deviation	6.50	3.50	4.00	3.00
LSD/sig	7.06	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon: length of internode (mm)				
Mean	28.80	27.70	30.10	26.00
Std. Deviation	7.20	6.80	6.50	5.60
LSD/sig	7.51	ns	ns	ns
<input checked="" type="checkbox"/> Stolon: diameter of internode (mm)				
Mean	1.95	1.34	1.44	1.40
Std. Deviation	0.40	0.20	0.20	0.20
LSD/sig	0.32	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon: diameter of node (mm)				
Mean	2.60	2.04	2.23	2.40
Std. Deviation	0.60	0.40	0.30	0.30
LSD/sig	0.48	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Leaf blade: length (mm)				
Mean	96.30	63.90	43.70	53.20
Std. Deviation	11.90	23.30	13.40	13.40
LSD/sig	17.72	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)				
Mean	3.80	2.92	2.71	3.10
Std. Deviation	0.70	0.20	0.50	0.30
LSD/sig	0.49	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length of spike (mm)				
Mean	52.20	49.90	45.50	40.10
Std. Deviation	3.90	4.90	4.70	9.60
LSD/sig	7.10	ns	ns	P≤0.01
<input type="checkbox"/> Peduncle: length (mm)				
Mean	122.60	136.90	102.90	97.20
Std. Deviation	21.50	22.90	25.00	24.60
LSD/sig	26.73	ns	ns	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2005/081
Variety Name	'C96-97'
Genus Species	<i>Vaccinium ashei</i>
Common Name	Rabbiteye Blueberry
Synonym	Nil
Accepted Date	19 May 2005
Applicant	CostaExchange Ltd, Corindi Beach, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW.
Descriptor	Blueberry (<i>Vaccinium myrtillus</i>) TG/137/3.
Period	Aug 2006 – Nov 2007.
Conditions	Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots.
Trial Design	6 plants per variety randomly blocked in standard commercial beds.
Measurements	Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch.
RHS Chart - edition	1995.

Origin and Breeding

Seedling selection: seed parent ['F91-61']x['83-109'] in 1993 in Corindi Beach, NSW, Australia. The seed parent is characterised by a medium season flowering and harvest timing, medium to broad leaf width and small to medium fruit diameter. 1993: fruit harvested in Florida, USA. 1994: 200 seedlings grown in Corindi Beach, NSW, Australia. 1995: first fruiting; growth and fruiting performances evaluated and between 1% and 2% of seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation One of these was 'C96-97'. 1997: 'C96-97' concluded as being of commercial value due to its distinctive traits. 1996-present: continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'C96-97'. Selection took place in Corindi Beach, NSW in 1996. Selection criteria: Plant shape/vigour, winter foliage type, flower/fruit timing, fruit: suitable size, firmness, colour, small picking scar. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	intensity of bloom	medium - strong
Fruit	intensity of blue colour of skin	very dark
Fruit	shape	globose
Fruit	firmness when ripe	firm
Fruit	attitude of calyx	erect

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Becky Blue'	commercial variety
'Climax'	commercial variety
'Brightwell'	commercial variety
'Powder Blue'	commercial 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	'C96-97'	'Becky Blue'	'Brightwell'	'Climax'	'Powder Blue'
<input checked="" type="checkbox"/> *Plant: growth habit	upright to bushy	upright	upright	bushy to spreading	strongly upright to upright
<input type="checkbox"/> *Fruit: intensity of bloom	medium to strong	medium to strong	medium to strong	medium	strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	very dark	very dark	very dark	very dark	very dark
<input checked="" type="checkbox"/> *Fruit: sweetness	medium	medium	weak	medium	medium
<input type="checkbox"/> *Fruit: acidity	weak to medium	medium	medium	medium	weak to medium
<input checked="" type="checkbox"/> *Time of: bud burst	early to medium	medium to late	late	late to very late	late
<input checked="" type="checkbox"/> *Time of: beginning of flowering	very early to early	early	medium to late	medium	late to very late
<input checked="" type="checkbox"/> *Time of: fruit ripening	very early to early	early	medium to late	medium	late to very late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'C96-97'	'Becky Blue'	'Brightwell'	'Climax'	'Powder Blue'
<input checked="" type="checkbox"/> Plant: growth vigour	weak to medium	medium to strong	very strong	strong	very strong
<input type="checkbox"/> Fruit: firmness when ripe	firm	firm	firm	firm	firm
<input type="checkbox"/> Fruit: shape	globose	globose	globose	globose	globose
<input type="checkbox"/> Fruit: attitude of calyx	erect	erect	erect	erect	erect
<input checked="" type="checkbox"/> Fully developed leaf:	medium	medium to long	long	medium	medium

length					
<input checked="" type="checkbox"/> Fully developed leaf: width	medium	broad	broad	medium	broad
<input type="checkbox"/> Fully developed leaf: shape	elliptic	elliptic	elliptic	elliptic	elliptic
<input checked="" type="checkbox"/> Fully developed leaf: colour (RHS)	147A	137A	147A	147A	137A
<input checked="" type="checkbox"/> Fully developed leaf: intensity of green colour on upper side	medium	medium	dark	medium	light
<input type="checkbox"/> Fully developed leaf: margin	serrate	serrate	serrate	serrate	serrate
<input type="checkbox"/> Fully developed leaf: undulation of margin	weak	weak	weak	weak	weak
<input type="checkbox"/> Fully developed leaf: pubescence of upper side	absent	absent	absent	absent	absent
<input type="checkbox"/> Fully developed leaf: pubescence of lower side	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Fully developed leaf: cross-section	flat	concave	concave	concave	flat
<input type="checkbox"/> Fully developed leaf: longitudinal-section	straight	straight	straight	straight	straight
<input type="checkbox"/> Fully developed leaf: attitude	broad acute	broad acute	broad acute	broad acute	broad acute
<input checked="" type="checkbox"/> Inflorescence: length of pedicel	long	long	medium	short to medium	medium
<input type="checkbox"/> Flower: length of corolla tube	medium	medium	medium	medium	medium
<input type="checkbox"/> Flower: width of corolla tube	narrow to medium	narrow	narrow to medium	narrow to medium	narrow
<input type="checkbox"/> Flower: anthocyanin colouration of corolla	absent or very weak	absent or very weak	absent or very weak	very weak to weak	absent or very weak
<input checked="" type="checkbox"/> Flower: presence of corolla ridges	absent	present	present	present	present
<input type="checkbox"/> Flower: protrusion of stigma	present	present	present	present	present
<input checked="" type="checkbox"/> Fruit: diameter	large	large	medium	medium	medium
<input checked="" type="checkbox"/> Fruit: fresh weight (grams)	3.5	3.0	2.3	2.0	2.0
<input checked="" type="checkbox"/> Fruit: depth of calyx basin	deep	medium	medium	medium	medium
<input checked="" type="checkbox"/> Fruit: size of scar	medium to large	small	very small to small	small	very small to small

Statistical Table

Organ/Plant Part: Context	'C96-97'	'Becky Blue'	'Brightwell'	'Climax'	'Powder Blue'
<input checked="" type="checkbox"/> Leaf: length (mm)					
Mean	71.30	74.10	83.10	66.20	70.90
Std. Deviation	5.80	5.20	7.00	4.80	4.00
LSD/sig	6.24	ns	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Leaf: width (mm)					
Mean	30.30	37.20	37.40	30.00	36.70
Std. Deviation	3.20	4.10	5.60	2.50	2.90
LSD/sig	4.36	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: length:width ratio					
Mean	2.37	2.01	2.24	2.22	1.94
Std. Deviation	0.30	0.20	0.20	0.30	0.10
LSD/sig	0.25	P≤0.01	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Fruit: diameter (mm)					
Mean	19.40	17.40	16.10	15.70	15.70
Std. Deviation	1.50	1.30	0.70	1.40	1.00
LSD/sig	1.39	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Calyx: diameter of basin (mm)					
Mean	5.40	6.00	6.80	5.70	7.50
Std. Deviation	0.60	0.50	0.50	0.80	1.00
LSD/sig	0.81	ns	P≤0.01	ns	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2006/189
Variety Name	'KP4'
Genus Species	<i>Chloris gayana</i>
Common Name	Rhodes Grass
Synonym	Nil
Accepted Date	13 Sep 2006
Applicant	State of Queensland through its Department of Primary Industries and Fisheries, Brisbane, QLD
Agent	N/A
Qualified Person	Donald S. Loch

Details of Comparative Trial

Location	DPI&F Redlands Research Station, Cleveland, QLD (Latitude 27°31'S, 153°15'E, elevation <25 masl).
Descriptor	General Descriptor
Period	18 Nov 2007 – 23 Apr 2008.
Conditions	Seed sown on 18 Nov 2007 and seedlings later transplanted individually into 40 x 40mm tubes (one per tube). Seedlings planted out on a spaced plant grid (3m X 3m) on a red volcanic (krasnozem) soil on 17 Dec 2007; plants not defoliated; weed control by pre-emergence oxadiazon at time of planting; pre-plant mixed fertiliser (N:P:K:S = 14.9:4.34:13.0:12.92) applied and incorporated on 14 Dec 2007, giving 100 kg N, 29.1 kg P, 87.3 kg K, and 86.7 kg S per hectare; separation between spreading plants maintained by spraying the inter-plant strips (c. 50 cm wide) with glyphosate on 21 Feb 2008.
Trial Design	Sixty (60) spaced plants of each cultivar ('KP4', 'Nemkat') arranged in twelve (12) randomised blocks with five (5) plants per plot; 3 m between plots, 3 m between plants within plots.
Measurements	Four (4) diameter of spread measurements were taken per plant (11 Feb 2008); stolon stem and leaf characteristics were measured on 20 Feb 2008 (one stolon sample per plant); growth habit of each plant was assessed on 20 Feb 2008; mature culm and inflorescence measurements were taken 16-23 Apr 2008 (one reproductive culm per plant).
RHS Chart - edition	2001 edition

Origin and Breeding

Synthetic cultivar derived from four (4) generations of mass selection: 'KP4' is based on selected F₄ progeny of 8 plants showing a low, creeping, tight-matted, late flowering growth habit. The original parental breeding population was selected from among 1600 diploid Rhodes grass seedlings grown as spaced plants; seven of the selected parental plants were from 'Katambora' and the eighth (which did not contribute as a maternal parent beyond the F₁ generation) was a seedling from an unreleased accession. Four (4) cycles of mass selection were conducted, in which the selected plants from the previous generation were allowed to inter-cross in isolation in the field, and the resultant progeny later grown as spaced plants in the field for the

next cycle of selection. Selection was for the following attributes: prostrate creeping early growth habit with short stolon internodes resulting in a dense stolon mat; leafy appearance; fine leaf and stem; and late flowering (i.e. a long period of vegetative growth before flowering). ‘KP4’ is a synthetic Rhodes grass cultivar multiplied from the selected fourth-generation plants produced by this line of breeding. Breeder: Donald S. Loch, Cleveland, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Chromosome number	ploidy	diploid
Flower	date of flowering	late
Plant	growth habit	spreading, creeping, tending prostrate during early growth

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Nemkat’	Diploid ‘Katambora’-type Rhodes grass, late flowering, spreading growth habit.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Finecut’	Plant growth habit	spreading, creeping, tending prostrate during early growth	erect, tussocky plants	‘Katambora’-type Rhodes grass
‘Finecut’	Flower flowering date	late	early	Early-flowering ‘Katambora’-type Rhodes grass
‘Topcut’	Plant growth habit	spreading, creeping, tending prostrate during early growth	erect, tussocky plants	‘Pioneer’-type Rhodes grass
‘Topcut’	Flower flowering date	late	early	Early-flowering ‘Pioneer’-type Rhodes grass
‘Callide’	Chromosome number	ploidy diploid	tetraploid	Quantitative short-day flowering behaviour
‘Samford’	Chromosome number	ploidy diploid	tetraploid	Quantitative short-day flowering behaviour

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	‘KP4’	‘Nemkat’
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial
<input type="checkbox"/> Plant: growth habit	spreading	spreading
<input type="checkbox"/> Plant: time of beginning of flowering	late	late
<input type="checkbox"/> Plant: time of maturity	late	late
<input type="checkbox"/> Leaf: leaf type	simple	simple

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘KP4’	‘Nemkat’
<input type="checkbox"/> Plant: type	mat-forming	
<input type="checkbox"/> Plant: spreading	spreading laterally by stolons	
<input type="checkbox"/> Stolon: nodes	compound nodes with up to 2 leaves	compound nodes with up to 2 leaves
<input type="checkbox"/> Stolon: internode length	medium-short	
<input type="checkbox"/> Stolon: internode thickness	medium-fine	
<input type="checkbox"/> Culm: length	medium-short	
<input type="checkbox"/> Leaf blade: shape	linear-triangular	linear-triangular
<input type="checkbox"/> Leaf blade: length	medium	
<input type="checkbox"/> Leaf blade: width	medium	
<input type="checkbox"/> Ligule: type	fringed membrane 0.4-0.6 mm long	
<input type="checkbox"/> Inflorescence: type	sub-digitate panicle with up to 20 or more spicate branches	sub-digitate panicle with up to 20 or more spicate branches
<input type="checkbox"/> Peduncle: length	long	long

Statistical Table

Organ/Plant Part: Context	‘KP4’	‘Nemkat’
<input type="checkbox"/> Plant: mean plant diameter 85 days after sowing (cm)		
Mean	373.80	380.50
Std. Deviation	49.40	32.10
LSD/sig	18.8	ns
<input type="checkbox"/> Stolon: length of fourth internode from stolon tip (mm)		
Mean	152.70	147.20
Std. Deviation	39.80	34.40
LSD/sig	17.6	ns
<input checked="" type="checkbox"/> Stolon: diameter of fourth internode from stolon tip (mm)		
Mean	3.02	3.30
Std. Deviation	0.42	0.52
LSD/sig	0.23	P≤0.01
<input type="checkbox"/> Stolon: stolon internode length: diameter ratio		
Mean	50.50	44.70

Std. Deviation	11.40	7.90
LSD/sig	4.6	P≤0.01
<input type="checkbox"/> Stolon: number of lateral shoots at fourth visible node from stolon tip		
Mean	6.10	3.42
Std. Deviation	3.07	1.54
LSD/sig	1.16	P≤0.01
<input checked="" type="checkbox"/> Stolon leaf: length of leaf blade on fourth visible node from stolon tip (mm)		
Mean	89.80	115.80
Std. Deviation	25.00	38.00
LSD/sig	17.2	P≤0.01
<input type="checkbox"/> Stolon leaf: width of leaf blade on fourth visible node from stolon tip (mm)		
Mean	5.69	5.84
Std. Deviation	0.95	1.01
LSD/sig	0.44	ns
<input checked="" type="checkbox"/> Stolon leaf: length:width ratio of leaf blade on fourth visible node from stolon tip		
Mean	15.90	19.80
Std. Deviation	4.00	5.10
LSD/sig	2.3	P≤0.01
<input checked="" type="checkbox"/> Culm: length of mature culm (mm)		
Mean	1305.70	1485.50
Std. Deviation	215.70	152.00
LSD/sig	95.7	P≤0.01
<input checked="" type="checkbox"/> Culm: number of culm nodes (excluding peduncle and plant base)		
Mean	6.82	7.71
Std. Deviation	1.21	1.50
LSD/sig	0.65	P≤0.01
<input checked="" type="checkbox"/> Stolon leaf: length of leaf sheath on fourth visible node from stolon tip (mm)		
Mean	49.20	62.60
Std. Deviation	13.90	12.90
LSD/sig	6.5	P≤0.01
<input type="checkbox"/> Culm: mean stem diameter of culm excluding peduncle (mm)		
Mean	3.14	3.25
Std. Deviation	0.47	0.45
LSD/sig	0.21	ns
<input type="checkbox"/> Culm: length of peduncle on flowering culms (mm)		
Mean	320.50	308.20
Std. Deviation	54.70	48.10
LSD/sig	25.5	ns
<input type="checkbox"/> Culm: diameter of peduncle on flowering culms (mm)		
Mean	1.06	1.06
Std. Deviation	0.18	0.15
LSD/sig	0.08	ns
<input type="checkbox"/> Flag leaf: length of blade on flag leaf on flowering tillers (mm)		
Mean	85.50	91.70
Std. Deviation	37.00	44.60
LSD/sig	18.0	ns
<input type="checkbox"/> Flag leaf: width of blade on flag leaf on flowering tillers (mm)		
Mean	3.60	3.51
Std. Deviation	1.11	1.27
LSD/sig	0.50	ns

<input type="checkbox"/>	Flag leaf: length: width ratio of flag leaf blade on flowering tillers		
	Mean	24.01	26.91
	Std. Deviation	7.42	11.58
	LSD/sig	4.28	ns
<input type="checkbox"/>	Culm leaf: length of blade on fourth leaf on flowering tillers (mm)		
	Mean	326.40	341.10
	Std. Deviation	95.90	86.90
	LSD/sig	40.8	ns
<input type="checkbox"/>	Culm leaf: width of blade on fourth leaf on flowering tillers (mm)		
	Mean	7.48	7.47
	Std. Deviation	1.42	1.47
	LSD/sig	0.66	ns
<input type="checkbox"/>	Culm leaf: length: width ratio of fourth leaf blade on flowering tillers		
	Mean	44.70	46.60
	Std. Deviation	13.80	12.90
	LSD/sig	5.65	ns
<input type="checkbox"/>	Flower: days after sowing to first flowering		
	Mean	95.90	98.50
	Std. Deviation	9.20	10.60
	LSD/sig	5.2	ns
<input checked="" type="checkbox"/>	Inflorescence: total length of spike per inflorescence (mm)		
	Mean	1065.20	1291.00
	Std. Deviation	366.90	341.80
	LSD/sig	166.4	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: mean length of individual spikes (mm)		
	Mean	81.70	97.40
	Std. Deviation	14.00	14.70
	LSD/sig	7.5	P≤0.01
<input type="checkbox"/>	Inflorescence: number of spikes per inflorescence		
	Mean	12.98	13.32
	Std. Deviation	3.41	3.12
	LSD/sig	1.59	ns
<input checked="" type="checkbox"/>	Plant: growth habit (0 = prostrate spreading, 9 = erect tussock)		
	Mean	2.76	3.73
	Std. Deviation	1.18	1.07
	LSD/sig	0.54	P≤0.01

Prior Applications and Sales

Prior applications nil. First sold in Australia in Oct 2005 under the name Tolga™.

Description: **D. S. Loch and M. B. Roche, DPI&F Turf Research, Redlands Research Station, Cleveland, QLD.**

Details of Application

Application Number	2006/125
Variety Name	'NOA831OOB'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	5 Aug 2006
Applicant	Reinhard Noack, Gutersloh, Germany
Agent	Flower Carpet Pty Ltd, Silvan, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) TG/11/8.
Period	2006-2007.
Conditions	Trial conducted in an open polyhouse, temperature ranged between 12 and 38 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	10 plants each of 'NOA831OOB' and 'Meizerbil' on benches two deep, arranged in blocks within the centralised testing centre for roses.
Measurements	From plants at random, one sample per plant stem.
RHS Chart - edition	1995.

Origin and Breeding

Controlled pollination: 'NOA831OOB' was the resulting seedling from a cross between an unnamed seedling from the breeding stock held by Reinhard Noak (seed parent) and a climbing rose 'Rotossade' (pollen parent) in 2000. The seed parent is characterised by soft pink flower colour. The pollen parent is characterised by a climbing growth habit. Selection criteria: the initial selection of this seedling took place between Jun and Sep 2001 on the basis of flower colour and was further selected from the seedling pool in 2002, 2003 and 2004. Propagation: vegetative. Breeder: All work was conducted by or under the supervision of Reinhard Noak at his breeding facility in Gutersloh, Germany.

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	ground cover
Plant	growth habit	strongly spreading
Flower	colour group	red
Flower	type	double
Petal	number of colours on inner side	one
Petal	main colour on the outer side	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Meizerbil'	

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	'NOA831OOB'	'Meizerbil'
<input type="checkbox"/> *Plant: growth type	ground cover	ground cover
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	strongly spreading	strongly spreading
<input type="checkbox"/> Plant: height	short to medium	short to medium
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	absent	present
<input type="checkbox"/> Stem: number of prickles	many to very many	many to very many
<input type="checkbox"/> Prickles: predominant colour	greenish	greenish
<input checked="" type="checkbox"/> Leaf: size	small to medium	medium to large
<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	medium	medium
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	medium to strong	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 type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	many to very many	many to very many
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	many	many
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	elliptic	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	very few to few	very few to few
<input type="checkbox"/> *Flower: colour group	red	red
<input type="checkbox"/> Flower: colour of the centre	red	red
<input type="checkbox"/> Flower: density of petals	loose	loose
<input checked="" type="checkbox"/> *Flower: diameter	small to medium	small
<input type="checkbox"/> *Flower: shape	round	round
<input checked="" type="checkbox"/> Flower: profile of upper part	flattened convex	flat
<input checked="" type="checkbox"/> *Flower: profile of lower part	flat	flattened convex
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak
<input checked="" type="checkbox"/> *Sepal: extensions	weak to medium	absent or very weak

<input type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	absent
<input checked="" type="checkbox"/>	*Petal: shape	obovate	rounded
<input type="checkbox"/>	Petal: incisions	very weak to weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	very weak to weak	very weak to weak
<input type="checkbox"/>	Petal: undulation	weak	weak to medium
<input type="checkbox"/>	*Petal: size	small	very small to small
<input type="checkbox"/>	*Petal: length	short to medium	medium
<input type="checkbox"/>	*Petal: width	narrow to medium	medium
<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)	50A	46C
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/>	*Petal: size of basal spot on inner side	small	medium
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	white	white
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	53D	53D
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	green	light yellow
<input type="checkbox"/>	Seed vessel: size	medium	medium to large
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pear-shaped

Statistical Table

Organ/Plant Part: Context	'NOA831OOB'	'Meizerbil'
<input checked="" type="checkbox"/> Flower: diameter (mm)		
Mean	61.72	47.10
Std. Deviation	3.71	4.29
LSD/sig	9.50	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Germany	2004	Granted	'NOA831OOB'
Chile	2006	Granted	'NOA831OOB'
EU	2005	Applied	'NOA831OOB'
USA	2005	Applied	'NOA831OOB'
New Zealand	2007	Applied	'NOA831OOB'

First sold in Germany in Sep 2005. First Australian sale Nov 2005.

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

Details of Application

Application Number	2006/113
Variety Name	'Lexaanas'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	30 May 2006
Applicant	Lex Voorn Rozenveredeling, Kudelstaart, The Netherlands
Agent	Grandiflora Nurseries Pty Ltd, Skye, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) TG/11/8.
Period	2007.
Conditions	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 330mm (3 plants per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	Single rows of 330mm pots on benches with 3 plants in each set out in a triangular pattern. 160 plants of 'Lexaanas' and 80 plants of 'Intermalauk'.
Measurements	From plants at random. One sample per plant stem.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: 'Lexaanas' was the resultant seedling from a cross between an unnamed seedling 'LR98-25' and 'Schosonne' in May 1999. The seed parent is characterised by red flower colour. The pollen parent is characterised by dark pink flower colour. The initial selection took place in Jan 2000 from a population of seedlings and was trialled and tested for its suitability as a cut rose variety until its final selection in Mar 2003. All work was conducted by or under the supervision of Lex Voorn at his property in Kudelstaart, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Flower	type	double
Flower	colour group	pink blend
Flower	shape	irregularly rounded
Petal	number of colours on inner side	two
Petal	colour on the inner side	two tones of purple pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Intermalauk'	Flower colour was chosen when both candidate and comparator were mature

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Schosonne'	Flower colour	two toned purple pink	single tone deep pink

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

Organ/Plant Part: Context	'Lexaanas'	'Intermalauk'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input checked="" type="checkbox"/> Plant: height	tall	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	medium
<input checked="" type="checkbox"/> Stem: number of prickles	medium	very few to few
<input type="checkbox"/> Prickles: predominant colour	greenish	greenish
<input checked="" type="checkbox"/> Leaf: size	large to very large	medium to large
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	weak
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	weak	medium
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	medium elliptic
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	very few	many
<input checked="" type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	medium
<input type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	many	many
<input type="checkbox"/> *Flower: colour group	pink blend	pink blend
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input type="checkbox"/> Flower: density of petals	dense	dense
<input checked="" type="checkbox"/> *Flower: diameter	large	medium
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flattened 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 checked="" type="checkbox"/> *Sepal: extensions	medium to strong	weak
<input type="checkbox"/> Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/> *Petal: shape	obcordate	obovate
<input type="checkbox"/> Petal: incisions	weak	weak
<input type="checkbox"/> Petal: reflexing of margin	medium	medium
<input type="checkbox"/> Petal: undulation	medium	medium
<input checked="" type="checkbox"/> *Petal: size	medium to large	small
<input checked="" type="checkbox"/> *Petal: length	medium	short
<input type="checkbox"/> *Petal: width	medium	medium
<input type="checkbox"/> *Petal: number of colours on inner side	two	two
<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)	70D	70C
<input type="checkbox"/> *Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	N57C	N57C
<input checked="" type="checkbox"/> *Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	as a flush	at base
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input type="checkbox"/> *Petal: size of basal spot on inner side	small to medium	small to medium
<input checked="" type="checkbox"/> *Petal: colour of basal spot on inner side	light yellow	white
<input checked="" type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	N59B	N57D
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	pink	light yellow
<input checked="" type="checkbox"/> Seed vessel: size	small	medium
<input checked="" type="checkbox"/> Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped

Statistical Table

Organ/Plant Part: Context

	‘Lexaanans’	‘Intermalauk’
<input checked="" type="checkbox"/> Flower: diameter (mm)		
Mean	97.06	53.76
Std. Deviation	4.91	3.98
LSD/sig	8.19	P≤0.01
<input type="checkbox"/> Flower: number of petals		
Mean	46.60	59.60
Std. Deviation	8.44	7.09
LSD/sig	14.28	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2003	Granted	‘Lexaanans’

First sold in Kenya in Apr 2004.

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

Details of Application

Application Number	2006/114
Variety Name	'Lexarev'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	30 May 2006
Applicant	Lex Voorn Rozenveredeling, Kudelstaart, The Netherlands
Agent	Grandiflora Nurseries Pty Ltd, Skye, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2007.
Conditions	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 330mm (3 plants per pot) and in an open polyhouse without shade, temperature ranged between 12 and 38 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	160 plants of 'Lexarev' on benches two plants deep, arranged in rows as part of commercial flower growing operation and 8 plants of 'Tan00996' on benches two plants deep, arranged in blocks within the centralised testing centre for roses.
Measurements	From 6 plants at random. One sample per plant stem.
RHS Chart - edition	1995.

Origin and Breeding

Controlled pollination: 'Lexarev' was the resultant seedling between an unnamed seedling 'LV99-127' (seed parent) bred by Lex Voorn and 'Tanaledev' (pollen parent) in May 2002. The seed parent is characterised by dark red flower colour. The pollen parent is characterised cream flower colour. Selection criteria: this seedling was originally selected in May 2003 on the basis of flower colour and went through four more selection cycles prior to the final selection in Jan 2004. Propagation: vegetative. Breeder: All work was carried out by or under the supervision of Lex Voorn at his breeding facility in Kudelstaart, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Flower	colour group	pink
Flower	type	double
Flower	diameter	medium/large
Petal	number of colours on inner side	one
Petal	main colour on the outer side	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tan00996'	This variety is a pink mutation from the 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	'Lexarev'	'Tan00996'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input checked="" type="checkbox"/> Plant: height	tall	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	weak to medium
<input type="checkbox"/> Stem: number of prickles	medium to many	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large to very large	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark
<input checked="" type="checkbox"/> Leaf: anthocyanin colouration	present	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	very weak to weak	very weak to weak
<input type="checkbox"/> *Leaflet: undulation of margin	very weak to weak	very weak to weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	cordate
<input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade	obtuse	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	very few	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double

<input checked="" type="checkbox"/>	*Flower: number of petals	medium	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	loose to medium	medium
<input type="checkbox"/>	*Flower: diameter	medium to large	large
<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input checked="" type="checkbox"/>	Flower: profile of upper part	flat	flattened convex
<input type="checkbox"/>	*Flower: profile of lower part	flattened convex	flattened convex
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	medium to strong	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	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	medium to strong	medium
<input type="checkbox"/>	Petal: undulation	very weak to weak	weak
<input type="checkbox"/>	*Petal: size	medium to large	medium to large
<input type="checkbox"/>	*Petal: length	medium	short to medium
<input type="checkbox"/>	*Petal: width	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)	63D	65A
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	medium	medium to large
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	white	white
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	63B	65B
<input type="checkbox"/>	Outer stamen: predominant colour of filament	white	white
<input checked="" type="checkbox"/>	Seed vessel: size	medium	small
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	funnel-shaped

Statistical Table

Organ/Plant Part: Context	‘Lexarev’	‘Tan00996’
<input checked="" type="checkbox"/> Flower: number of petals		
Mean	27.40	37.60
Std. Deviation	5.51	3.36
LSD/sig	8.35	P≤0.01

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2006/042
Variety Name	'Krilloween'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	30 May 2006
Applicant	Lux Riviera S.r.l., Bevera di Ventimiglia, Italy
Agent	Grandiflora Nurseries Pty Ltd, Skye, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) TG/11/8.
Period	2006-2007
Conditions	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 330mm (3 plants per pot) and in an open polyhouse without shade, temperature ranged between 12 and 38 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	10 plants of 'Krilloween' on benches two plants deep, arranged in rows and 8 plants of 'Korweineu' on benches two plants deep, arranged in blocks within the centralised testing centre for roses.
Measurements	From plants at random. One sample per plant stem.
RHS Chart - edition	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).

Origin and Breeding

Controlled pollination: between an unnamed seedling (seed parent) and 'Interverma' (pollen parent) in 1995. The seed parent is characterised by salmon flower colour. The pollen parent is characterised by pink flower colour with fuchsia edge. The resulting seedling was planted in the initial trial in 1996 and was trialled over a number of cycles until final selection in 1999. The breeding and initial selections were carried out by Madame Michel Kriloff. Propagation: vegetative. Breeder: The final selection and decision to commercialise was carried out under the direction of Mr Alessandro Ghione, Managing Director of Lux Riviera S.r.l.

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	bed
Plant	growth habit	upright
Flower	colour group	brown blend
Flower	type	double
Flower	diameter	medium to large
Petal	number of colours on inner side	one

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Korweineu'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
'Ruilav'	Flower	colour	brownish pink tones	lilac with brown outer petals	The colour of the candidate is predominately brown, whereas the comparator is predominately lilac.
'Tan 99520'	Flower	colour	brownish pink tones	orange with pinkish tones	

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	'Krilloween'	'Korweineu'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	medium to tall	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak to medium	medium
<input checked="" type="checkbox"/> Stem: number of prickles	medium	absent or very few
<input type="checkbox"/> Prickles: predominant colour	reddish	
<input type="checkbox"/> Leaf: size	large to very large	large
<input type="checkbox"/> Leaf: intensity of green colour	dark	dark to very dark
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	very weak to weak	medium to strong
<input type="checkbox"/> *Leaflet: undulation of margin	weak	weak

<input type="checkbox"/>	*Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/>	Terminal leaflet: shape of base of blade	cordate	cordate
<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 to medium	few
<input type="checkbox"/>	Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input checked="" type="checkbox"/>	Flower bud: shape in longitudinal section	medium 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	brown blend	brown blend
<input type="checkbox"/>	Flower: density of petals	medium	loose to medium
<input type="checkbox"/>	*Flower: diameter	medium to large	medium to large
<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/>	Flower: profile of upper part	flattened convex	flattened convex
<input checked="" type="checkbox"/>	*Flower: profile of lower part	flattened convex	flat
<input checked="" type="checkbox"/>	Flower: fragrance	absent or weak	medium
<input type="checkbox"/>	*Sepal: extensions	medium to strong	medium
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/>	*Petal: shape	rounded	obcordate
<input type="checkbox"/>	Petal: incisions	very weak to weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	very weak to weak
<input type="checkbox"/>	Petal: undulation	medium	medium to strong
<input type="checkbox"/>	*Petal: size	medium to large	medium
<input type="checkbox"/>	*Petal: length	medium	medium to long
<input type="checkbox"/>	*Petal: width	medium	medium
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input checked="" type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	186D	156D
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/>	*Petal: size of basal spot on inner side	medium to large	small
<input checked="" 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)	186D	156D
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	medium yellow
<input type="checkbox"/>	Seed vessel: size	medium to large	medium to large
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Krilloween’	‘Korweineu’
<input type="checkbox"/> Flower: colour of the centre	brown	brown

Statistical Table

Organ/Plant Part: Context	‘Krilloween’	‘Korweineu’
<input checked="" type="checkbox"/> Flower: number of petals		
Mean	31.60	48.40
Std. Deviation	5.23	3.51
LSD/sig	8.15	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Brazil	2004	Granted	‘Krilloween’
Colombia	2003	Granted	‘Krilloween’
Republic of Korea	2002	Granted	‘Krilloween’
EU	2001	Granted	‘Krilloween’

Prior application nil.

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

Details of Application

Application Number	2007/079
Variety Name	'WEKbecfoj'
Genus Species	Rosa hybrid
Common Name	Rose
Synonym	Soaring Spirits
Accepted Date	01 May 2007
Applicant	Weeks Wholesale Rose Grower Inc., Upland, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2003 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001.

Origin and Breeding

Controlled pollination: 'POULclimb' x 'WEKroalt'. The seed parent is characterised by apricot amber flower colour. The pollen parent is characterised by orange peach blend flower colour. 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: plant growth habit, flower colour and size. Propagation: vegetative. 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	climber
Flower	type	semi-double
Flower	colour group	yellow or red blend
Flower	diameter	small
Petal	number of colours on inner side	two
Petal	main colour on the outer side	red-purple
Petal	distribution of secondary colour	as segments or stripes

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'WEKroalt' syn Fourth of July	

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	‘WEKbecfoj’	‘WEKroalt’ syn Fourth of July
<input type="checkbox"/> *Plant: growth type	climber	climber
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	moderately spreading	moderately spreading
<input type="checkbox"/> Plant: height	tall	tall
<input type="checkbox"/> Stem: number of prickles	medium	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	small to medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	very weak to weak	very weak to weak
<input type="checkbox"/> *Leaflet: undulation of margin	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 type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	many	many
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	many	medium to many
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	semi-double	semi-double
<input type="checkbox"/> *Flower: number of petals	few	few
<input checked="" type="checkbox"/> *Flower: colour group	yellow blend	red blend
<input checked="" type="checkbox"/> Flower: colour of the centre	yellow	pink
<input type="checkbox"/> Flower: density of petals	loose	loose
<input type="checkbox"/> *Flower: diameter	small	small
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flat	flat
<input checked="" type="checkbox"/> *Flower: profile of lower part	flattened convex	flat
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/> *Sepal: extensions	absent or very	absent or very

		weak	weak
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	absent
<input checked="" type="checkbox"/>	*Petal: shape	transverse elliptic	obovate
<input type="checkbox"/>	Petal: incisions	very weak to weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	weak	weak to medium
<input type="checkbox"/>	Petal: undulation	weak	weak
<input type="checkbox"/>	*Petal: size	small	small
<input type="checkbox"/>	*Petal: length	short	short
<input checked="" type="checkbox"/>	*Petal: width	very broad	narrow to medium
<input type="checkbox"/>	*Petal: number of colours on inner side	two	two
<input type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	lighter towards the base
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	62A	N57A(nearest)
<input checked="" type="checkbox"/>	*Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	155B	58B
<input type="checkbox"/>	*Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	as segments or stripes	as segments or stripes
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	medium	small to medium
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	orange yellow	orange yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	4C	N57C
<input type="checkbox"/>	Outer stamen: predominant colour of filament	orange	orange
<input type="checkbox"/>	Seed vessel: size	small	small
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	pear-shaped	pitcher-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Granted	'WEKbecfoj'

First sold in USA in Dec 2004. First Australian sale Jun 2006.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2007/077
Variety Name	'FRYcentury'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Daybreaker
Accepted Date	24 Apr 2007
Applicant	Gareth Fryer, Knutsford, UK
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine, NSW
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2003 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001.

Origin and Breeding

Controlled pollination: 'Silver Jubilee' x unnamed seedling. The seed parent is characterised by medium to light pink blend flower colour. The pollen parent is characterised by creamy pink flower colour. Pollen was applied to the seed parent. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialed. Selection criteria: plant growth habit, flower colour. Propagation: vegetative. Breeder: Gareth Fryer, Knutsford, Cheshire, 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 type	shrub
Flower	type	double
Flower	colour group	pink
Flower	diameter	medium
Flower	shape	irregularly rounded
Petal	number of colours on inner side	one
Petal	main colour on the inner side	light pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Flirtatious'	

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	'FRYcentury'	'Flirtatious'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	intermediate	intermediate
<input type="checkbox"/> Plant: height	medium	short to medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak to medium	very weak
<input type="checkbox"/> Stem: number of prickles	medium	few to medium
<input type="checkbox"/> Prickles: predominant colour	greenish	reddish
<input type="checkbox"/> Leaf: size	small	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	weak
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	absent or very weak	weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	circular	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	absent
<input type="checkbox"/> Flowering shoot: number of flowering laterals	very few to few	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few to few	very few to few
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	few to medium	few
<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	loose	loose
<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	flattened convex	flattened convex
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak

<input type="checkbox"/>	*Sepal: extensions	weak to medium	weak
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<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 checked="" type="checkbox"/>	Petal: undulation	weak	absent or very weak
<input type="checkbox"/>	*Petal: size	medium	medium
<input type="checkbox"/>	*Petal: length	medium	medium
<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 checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	69A	69B
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/>	*Petal: size of basal spot on inner side	medium	small
<input checked="" type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	light yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	65D	N155B
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	medium yellow
<input type="checkbox"/>	Seed vessel: size	small	small
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped
<input type="checkbox"/>	Hip: colour	green	green

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2003	Granted	'FRYcentury'

First sold in USA in Nov 2004.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nurseries Australia Pty Limited, Narromine, NSW.

Details of Application

Application Number	2006/233
Variety Name	'Preratemp Purple'
Genus Species	Rosa hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	26 Oct 2006
Applicant	Preesman Royalty B.V., Naaldwijk, The Netherlands
Agent	Roskam Young Plants Pty Ltd, Clarinda, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2007.
Conditions	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 330mm (3 plants per pot) and in an open polyhouse without shade, temperature ranged between 12 and 38 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	160 plants of 'Lexletsum' on benches two plants deep, arranged in rows as part of commercial flower growing operation and 8 plants each of 'Preratemp Purple' and 'Intersnapni' on benches two deep, arranged in blocks within the centralised testing centre for roses.
Measurements	From plants at random, one sample per plants.
RHS Chart - edition	1995.

Origin and Breeding

Spontaneous mutation: 'Preratemp Purple' was a spontaneous mutation of the Preesman Royalty variety 'Preratemp' in the Preesman Royalty B.V. breeding facility in Rijsenhout, the Netherlands in Feb 2003. The parental variety is characterised by red flower colour. Selection criteria: the selection was initially made based on flower colour. Additional selections were made over the next few years to determine the variety's stability and suitability as a commercial cut rose. With each selection a new generation of plants were taken as cuttings from the previous generation, increasing the quantity of plants with each trial. Propagation: vegetative. Breeder: 'Preratemp Purple' was selected by Ir. Theodorus Adrianus Segers, director of Preesman Royalty B.V. in Rijsenhout, the Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Flower	colour group	dark pink
Flower	type	double
Petal	number of colours on inner side	one

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Lexletsum'	
'Intersnapni'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Preratemp'	Flower colour	dark pink	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	'Preratemp Purple'	'Intersnapni'	'Lexletsum'
<input type="checkbox"/> *Plant: growth type	bed	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright	upright
<input checked="" type="checkbox"/> Plant: height	medium to tall	tall to very tall	tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	very weak	very weak to weak	medium
<input checked="" type="checkbox"/> Stem: number of prickles	medium	few	very few to few
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large to very large	large to very large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark	dark
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	very weak to weak	medium to strong	weak to medium
<input type="checkbox"/> *Leaflet: undulation of margin	weak	medium	weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate	ovate
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	rounded	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present	present

<input checked="" type="checkbox"/>	Flowering shoot: number of flowering laterals	medium	few	very few
<input checked="" type="checkbox"/>	Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	medium	very few	very few
<input checked="" type="checkbox"/>	Flower bud: shape in longitudinal section	medium ovate	medium ovate	broad ovate
<input type="checkbox"/>	*Flower: type	double	double	double
<input type="checkbox"/>	*Flower: number of petals	medium to many	medium	medium to many
<input type="checkbox"/>	*Flower: colour group	pink	pink	pink
<input type="checkbox"/>	Flower: colour of the centre	pink	pink	pink
<input checked="" type="checkbox"/>	Flower: density of petals	loose to medium	loose to medium	medium to dense
<input type="checkbox"/>	*Flower: diameter	large	large to very large	medium to large
<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded	irregularly rounded
<input type="checkbox"/>	Flower: profile of upper part	flattened convex	flattened convex	flattened convex
<input checked="" type="checkbox"/>	*Flower: profile of lower part	concave	flat	flattened convex
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	medium	medium	medium
<input checked="" type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present	absent
<input checked="" type="checkbox"/>	*Petal: shape	obcordate	obcordate	obovate
<input type="checkbox"/>	Petal: incisions	very weak to weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Petal: reflexing of margin	weak	medium	weak to medium
<input type="checkbox"/>	Petal: undulation	medium	medium	weak to medium
<input type="checkbox"/>	*Petal: size	medium	medium to large	medium to large
<input type="checkbox"/>	*Petal: length	medium	medium to long	medium
<input checked="" type="checkbox"/>	*Petal: width	medium	medium to broad	broad to very broad
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one	one
<input type="checkbox"/>	*Petal: intensity of colour	even	even	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	ca. 61B	57B	57A
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	small	small	small
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	white	white	white
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side	57B	57B	66A

(RHS Colour Chart)

<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	pink	light yellow	pink
<input checked="" type="checkbox"/>	Seed vessel: size	medium	medium	small
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped	pitcher-shaped

Statistical Table

Organ/Plant Part: Context	'Preratemp Purple'	'Intersnapni'	'Lexletsum'
☐ Flower: number of petals			
Mean	41.40	36.20	59.80
Std. Deviation	11.65	6.65	8.17
LSD/sig	22.0	ns	ns

Prior Applications and Sales

Prior application nil. First sold in Australia in Aug 2005.

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

Details of Application

Application Number	2007/084
Variety Name	'WEKosupalz'
Genus Species	Rosa hybrid
Common Name	Rose
Synonym	About Face
Accepted Date	17 Apr 2007
Applicant	Weeks Wholesale Rose Grower Inc., Upland, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2003 – Nov 2007.
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	2001.

Origin and Breeding

Controlled pollination: unnamed seedling x 'Hot Cocoa'. The seed parent is characterised by yellow flower colour. The pollen parent is characterised by chocolate-orange flower colour. Pollen was applied to the seed parent. 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. 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	type	double
Flower	diameter	small to medium
Flower	shape	irregularly rounded
Petal	number of colours on inner side	one
Petal	Main colour on the inner side	yellow-orange/orange

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'MACivy' syn Spek's Centennial	

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	‘WEKosupalz’	‘MACivy’ syn Spek’s Centennial
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	intermediate	intermediate
<input type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Stem: number of prickles	many	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	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	absent or very weak	very weak to weak
<input type="checkbox"/> *Leaflet: undulation of margin	weak	very weak to weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	acute	acute
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input checked="" type="checkbox"/> Flowering shoot: flowering laterals	absent	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	very few to few	very few to few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few to few	very few to few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium	few to medium
<input type="checkbox"/> *Flower: colour group	pink	orange
<input type="checkbox"/> Flower: colour of the centre	pink	orange
<input checked="" type="checkbox"/> Flower: density of petals	medium to dense	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	flat	flat
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flattened convex
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/> *Sepal: extensions	weak	absent or very weak

<input checked="" type="checkbox"/>	Petals: reflexing of petals one-by-one	present	absent
<input checked="" type="checkbox"/>	*Petal: shape	obcordate	obovate
<input type="checkbox"/>	Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	weak	weak to medium
<input type="checkbox"/>	Petal: undulation	weak	absent or very weak
<input checked="" type="checkbox"/>	*Petal: size	medium	small
<input checked="" type="checkbox"/>	*Petal: length	medium	short
<input checked="" type="checkbox"/>	*Petal: width	medium	narrow
<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)	20A	24C
<input checked="" type="checkbox"/>	*Petal: basal spot on the inner side	absent	present
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	48A	31C
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	medium yellow
<input type="checkbox"/>	Seed vessel: size	small	small
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
UK	2006	Applied	'WEKosupalz'
USA	2005	Granted	'WEKosupalz'

First sold in USA in Dec 2004. First Australian sale Jun 2006.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2007/083
Variety Name	'WEKmorfis'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Route 66
Accepted Date	17 Apr 2007
Applicant	Weeks Wholesale Rose Grower Inc., Upland, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine, NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8
Period	Jul 2003 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001.

Origin and Breeding

Controlled pollination: unnamed seedling x unnamed seedling. The seed parent is characterised by compact growth habit. The pollen parent is characterised by purple pink flower colour. Pollen was applied to the seed parent. 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 and plant growth habit. Propagation: vegetative. 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	type	single
Flower	colour group	purple
Flower	diameter	small
Petal	number of colours on inner side	one
Petal:	main colour on the outer side	purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rhapsody in Blue'	

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

Organ/Plant Part: Context	‘WEKmorfis’	‘Rhapsody in Blue’
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	intermediate	intermediate
<input type="checkbox"/> Plant: height	medium	medium
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	present	absent
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak	very weak
<input type="checkbox"/> Stem: number of prickles	medium	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	light to medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	weak
<input type="checkbox"/> *Leaflet: undulation of margin	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 type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	medium	few to medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	medium to many	medium
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	medium ovate
<input type="checkbox"/> *Flower: type	single	single
<input type="checkbox"/> *Flower: number of petals	very few	very few
<input type="checkbox"/> *Flower: colour group	purple	purple
<input type="checkbox"/> Flower: colour of the centre	purple	purple
<input type="checkbox"/> Flower: density of petals	very loose	very loose
<input type="checkbox"/> *Flower: diameter	small	small
<input type="checkbox"/> *Flower: shape	round	round
<input type="checkbox"/> Flower: profile of upper part	flat	flat
<input type="checkbox"/> *Flower: profile of lower part	flat	flat
<input checked="" type="checkbox"/> Flower: fragrance	medium	absent or weak

<input type="checkbox"/>	*Sepal: extensions	absent or very weak	absent or very weak
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	absent
<input type="checkbox"/>	*Petal: shape	obcordate	obcordate
<input type="checkbox"/>	Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: undulation	absent or very weak	absent or very weak
<input type="checkbox"/>	*Petal: size	small	small
<input type="checkbox"/>	*Petal: length	short	short
<input type="checkbox"/>	*Petal: width	narrow to medium	narrow
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	lighter towards the base
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	N78A	79B
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/>	*Petal: size of basal spot on inner side	medium	small
<input checked="" type="checkbox"/>	*Petal: colour of basal spot on inner side	light yellow	white
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	N78C	N78C
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	purple	light yellow
<input checked="" type="checkbox"/>	Seed vessel: size	very small to 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	2002	Granted	'WEKmorfis'

First sold in USA in Dec 2003. First Australian sale Jun 2006.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2007/080
Variety Name	'WEKhilpurnil'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Neptune
Accepted Date	26 Apr 2007
Applicant	Weeks Wholesale Rose Grower Inc., Upland, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2003 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001.

Origin and Breeding

Controlled pollination: unnamed seedling ('Blueberry Hill' x 'Stephen's Big Purple') x 'DElnible'. The seed parent is characterised by dark purple flower colour. The pollen parent is characterised by lesser number of petals. 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 selection. No off types have been observed since the variety has been trialed. Selection criteria: flower colour and size. Propagation: vegetative. 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	type	double
Flower	colour group	purple
Flower	diameter	small to medium
Petal	number of colours on inner side	one
Petal:	main colour on the outer side	purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Blue Moon'	

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	‘WEKhilpurnil’	‘Blue Moon’
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	intermediate	intermediate
<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	medium
<input type="checkbox"/> Stem: number of prickles	medium	few to medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	medium	small to medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	very weak to weak
<input type="checkbox"/> *Leaflet: undulation of margin	absent or very weak	absent or very weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	acute
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	absent	absent
<input type="checkbox"/> Flowering shoot: number of flowering laterals	very few	very few
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	few	few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium	few to medium
<input type="checkbox"/> *Flower: colour group	purple	purple
<input type="checkbox"/> Flower: colour of the centre	purple	purple
<input type="checkbox"/> Flower: density of petals	medium	loose to medium
<input type="checkbox"/> *Flower: diameter	small to medium	small to medium
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input checked="" type="checkbox"/> Flower: profile of upper part	flattened convex	flat
<input checked="" type="checkbox"/> *Flower: profile of lower part	flat	flattened convex

<input type="checkbox"/>	Flower: fragrance	medium	medium
<input checked="" type="checkbox"/>	*Sepal: extensions	weak	absent or very 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	weak to medium	very weak to weak
<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 to medium	short to medium
<input type="checkbox"/>	*Petal: width	narrow to medium	narrow to medium
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input type="checkbox"/>	*Petal: intensity of colour	even	even
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	76C	76C
<input type="checkbox"/>	*Petal: basal spot on the inner side	absent	absent
<input type="checkbox"/>	*Petal: size of basal spot on inner side	very small	very small
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	white	white
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	76D	76D
<input type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	light yellow
<input type="checkbox"/>	Seed vessel: size	small to medium	small to medium
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	funnel-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2004	Applied	'WEKhipurnil'

First sold in USA in Dec 2003. First Australian sale Jun 2006.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2007/070
Variety Name	'JACthain'
Genus Species	Rosa hybrid
Common Name	Rose
Synonym	Tuscan Sun
Accepted Date	11 Apr 2007
Applicant	Jackson & Perkins Wholesale, Inc., Somis, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine, NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2003 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001

Origin and Breeding

Controlled pollination: 'MACivy' x unnamed seedling. Pollen was applied to the seed parent. Seed parent is characterised by brown bronze flower colour. Pollen parent is characterised by pink flower colour. Seed from the seed parent was selected and germinated. Selection of a seedling from this 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: Novel flower colour, fragrance and disease resistance. Propagation: vegetative. Breeder: Keith Zary, Jackson & Perkins Wholesale, Inc., Somis, 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	type	double
Flower	colour group	orange
Flower	diameter	small to medium
Petal	number of colours on inner side	one

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'MACivy' syn Spek's Centennial	seed parent

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

Organ/Plant Part: Context	‘JACthain’	‘MACivy’ syn Spek’s Centennial
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	semi upright	intermediate
<input type="checkbox"/> Plant: height	short to medium	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	very weak to weak
<input type="checkbox"/> Stem: number of prickles	medium to many	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	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	absent or very weak	very weak to weak
<input type="checkbox"/> *Leaflet: undulation of margin	very weak to weak	very weak to weak
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	narrow elliptic	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	acute	acute
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	absent	present
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	few	
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium	few to medium
<input type="checkbox"/> *Flower: colour group	orange	orange
<input type="checkbox"/> Flower: colour of the centre	orange	orange
<input type="checkbox"/> Flower: density of petals	loose to medium	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	flat	flat
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flattened convex
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/> *Sepal: extensions	very weak to weak	absent or very weak

<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	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	weak to medium
<input type="checkbox"/>	Petal: undulation	absent or very weak	absent or very 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	lighter towards the base	lighter towards the base
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	31C	24C
<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	medium yellow	medium yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	41C	31C
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	orange	medium yellow
<input type="checkbox"/>	Seed vessel: size	small	small
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Granted	'JACthain'

First sold in USA in Jan 2005. First Australian sale Jun 2006.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2007/072
Variety Name	'JACtourn'
Genus Species	Rosa hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	27 Apr 2007
Applicant	Jackson & Perkins Wholesale, Inc., Somis, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine, NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2004 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001.

Origin and Breeding

Controlled pollination: 'JACient' x 'MACtrum'. Pollen was applied to the seed parent. The seed parent is characterised by light coral pink flower colour. The pollen parent is characterised by orange red flower colour. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialed. Selection criteria: flower colour and size, plant growth habit. Propagation: vegetative. Breeder: Keith Zary, Jackson & Perkins Wholesale, Inc., Somis, CA, USA.

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

Organ/PlantContext Part	State of Expression in Group of Varieties
Plant growth type	shrub
Flower type	double
Flower colour group	pink
Flower diameter	medium/large
Petal number of colours on inner side	one
Petal main colour on the outer side	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'JACzor' syn Fame 98	

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	‘JACtourn’	‘JACzor’ syn Fame 98
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	intermediate	intermediate
<input checked="" type="checkbox"/> Plant: height	short to medium	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	medium
<input type="checkbox"/> Stem: number of prickles	few to medium	medium
<input checked="" type="checkbox"/> Prickles: predominant colour	greenish	reddish
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	weak
<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	acute	acute
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input checked="" type="checkbox"/> Flowering shoot: flowering laterals	absent	present
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	very few	
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium	medium
<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	loose	loose
<input type="checkbox"/> *Flower: diameter	medium to large	medium
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex
<input checked="" type="checkbox"/> *Flower: profile of lower part	flat	flattened convex
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak

<input type="checkbox"/>	*Sepal: extensions	weak	very weak to weak
<input checked="" type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	present
<input checked="" type="checkbox"/>	*Petal: shape	obovate	rounded
<input type="checkbox"/>	Petal: incisions	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Petal: reflexing of margin	medium	weak
<input type="checkbox"/>	Petal: undulation	absent or very weak	absent or very weak
<input type="checkbox"/>	*Petal: size	medium	medium
<input type="checkbox"/>	*Petal: length	medium	medium
<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	even	
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	N57A	N57A
<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 checked="" type="checkbox"/>	*Petal: colour of basal spot on inner side	light yellow	orange yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	N57A	58B
<input type="checkbox"/>	Outer stamen: predominant colour of filament	pink	pink
<input type="checkbox"/>	Seed vessel: size	medium	medium
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped
<input type="checkbox"/>	Hip: colour	green	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2004	Granted	'JACtourn'

First sold in USA in Dec 2005.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2007/073
Variety Name	'JACadyna'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	High Society
Accepted Date	11 Apr 2007
Applicant	Jackson & Perkins Wholesale, Inc., Somis, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine, NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2003 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001.

Origin and Breeding

Controlled pollination: 'JACsat' x 'JACclam'. Pollen was applied to the seed parent. The seed parent is characterised by red flower colour. The pollen parent is characterised by salmon pink flower colour. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialed. Selection criteria: Disease resistance, flower size and climbing growth habit. Propagation: vegetative. Breeder: Keith Zary, Jackson & Perkins Wholesale, Inc., Somis, 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	climber
Flower	type	double
Flower	colour group	pink
Flower	diameter	small/medium
Petal	number of colours on inner side	one
Petal	main colour on the outer side	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Dreamweaver'	

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
'JACsat'	Flower colour	pink	red	seed parent
'JACclam'	Flower colour	pink	salmon pink	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	‘JACadyna’	‘Dreamweaver’
<input type="checkbox"/> *Plant: growth type	climber	climber
<input type="checkbox"/> Plant: height	tall	tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	very weak	medium to strong
<input type="checkbox"/> Stem: number of prickles	few to medium	medium
<input checked="" type="checkbox"/> Prickles: predominant colour	greenish	reddish
<input type="checkbox"/> Leaf: size	medium to large	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	weak	absent or very weak
<input type="checkbox"/> *Leaflet: undulation of margin	weak	weak
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	ovate	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	acute	acute
<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
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few to few	few
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	few to medium	medium
<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	loose	loose
<input type="checkbox"/> *Flower: diameter	medium	small to medium
<input checked="" type="checkbox"/> *Flower: shape	round	irregularly rounded
<input checked="" type="checkbox"/> Flower: profile of upper part	flat	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flattened convex	flattened convex
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/> *Sepal: extensions	absent or very weak	absent or very weak
<input type="checkbox"/> Petals: reflexing of petals one-by-one	absent	absent
<input checked="" type="checkbox"/> *Petal: shape	obcordate	obovate
<input type="checkbox"/> Petal: incisions	very weak to weak	absent or very weak

<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	weak
<input checked="" type="checkbox"/>	Petal: undulation	weak	absent or very weak
<input checked="" type="checkbox"/>	*Petal: size	medium	small
<input type="checkbox"/>	*Petal: length	medium	medium
<input type="checkbox"/>	*Petal: width	medium	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)	N66A	65C
<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	light yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	67B	65B
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	pink
<input checked="" type="checkbox"/>	Seed vessel: size	medium	small
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	funnel-shaped
<input type="checkbox"/>	Hip: colour	green	green

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2004	Granted	'JACadyna'

First sold in USA in Dec 2004. First Australian sale Jun 2006.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2007/074
Variety Name	'JACepirt'
Genus Species	Rosa hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	27 Apr 2007
Applicant	Jackson & Perkins Wholesale, Inc., Somis, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine, NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2004 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock and raised in open beds.
Trial Design	Un-replicated rows with spacing of 0.75 metres between rows and plants. Approximately 15-20 plants pre plot.
Measurements	Observations made on 10 plants taken at random.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: unnamed seedling x unnamed seedling. The seed parent is characterised by pink flower colour. The pollen parent is characterised by yellow and pink flower colour. 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: vigorous growth habit, glossy foliage, flower size and colour. Propagation: vegetative. Breeder: Keith Zary, Jackson & Perkins Wholesale, Inc., Somis, 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	type	double
Flower	colour group	pink blend
Flower	diameter	small to medium
Petal	number of colours on inner side	two
Petal	main colour on the outer side	pink
Petal	secondary colour	light pink
Petal	distribution of secondary colour	as segments or stripes

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Paul Cezanne'	

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
'WEKplapep' Flower syn	secondary colour	light pink stripes	white stripes	

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	'JACepirt'	'Paul Cezanne'
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	intermediate	intermediate
<input type="checkbox"/> Plant: height	medium	short to medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	medium to strong
<input type="checkbox"/> Stem: number of prickles	few to medium	few
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input checked="" type="checkbox"/> Leaf: size	medium	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	weak
<input type="checkbox"/> *Leaflet: undulation of margin	weak	absent or very weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	acute	acute
<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	very few	very few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	few to medium	few to medium
<input type="checkbox"/> *Flower: colour group	pink blend	pink blend
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input type="checkbox"/> Flower: density of petals	loose	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	flat	flat
<input type="checkbox"/>	*Flower: profile of lower part	flattened convex	flattened convex
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	very weak to weak	absent or very weak
<input checked="" type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	present
<input type="checkbox"/>	*Petal: shape	obovate	obovate
<input type="checkbox"/>	Petal: incisions	weak	weak
<input type="checkbox"/>	Petal: reflexing of margin	weak	very weak to weak
<input type="checkbox"/>	Petal: undulation	very weak to weak	very weak to weak
<input type="checkbox"/>	*Petal: size	medium	small to medium
<input type="checkbox"/>	*Petal: length	medium	medium
<input type="checkbox"/>	*Petal: width	medium	narrow to medium
<input type="checkbox"/>	*Petal: number of colours on inner side	two	two
<input checked="" type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	63B	64D
<input type="checkbox"/>	*Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	69C	69C
<input type="checkbox"/>	*Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	as segments or stripes	as segments or stripes
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	light yellow	medium yellow
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	light yellow
<input type="checkbox"/>	Seed vessel: size	small	small
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	funnel-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2001	Granted	'JACepirt'

First sold in USA in Dec 2004.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2007/078
Variety Name	'WEKsunvoye'
Genus Species	Rosa hybrid
Common Name	Rose
Synonym	Sunstruck
Accepted Date	3 May 2007
Applicant	Weeks Wholesale Rose Grower Inc., Upland, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine, NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2003 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001.

Origin and Breeding

Controlled pollination: 'FRYxotic' x unnamed seedling. The seed parent is characterised by apricot amber flower colour. The pollen parent is characterised by orange peach blend flower colour. Pollen was applied to the seed parent. Seed from the seed parent was selected and germinated. Selection of a seedling from the seed source was then made. The variety was multiplied by budding from this seedling selection. No off types have been observed since the variety has been trialed. Selection criteria: Plant growth habit, flower size and colour. Propagation: vegetative. 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	type	double
Flower	colour group	orange
Flower	diameter	medium to large
Petal	number of colours on inner side	one
Petal	main colour on the outer side	yellow-orange

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fryxotic' syn Warm Wishes	Seed parent

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

Organ/Plant Part: Context	‘WEKsunvoye’	‘Fryxotic’ syn Warm Wishes
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	intermediate	semi upright
<input type="checkbox"/> Plant: height	medium	medium to 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	medium	medium to many
<input type="checkbox"/> Prickles: predominant colour	purplish	reddish
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	weak
<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	absent	present
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	very few	
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium	few to medium
<input type="checkbox"/> *Flower: colour group	orange	orange
<input type="checkbox"/> Flower: colour of the centre	orange	orange
<input type="checkbox"/> Flower: density of petals	loose to medium	loose
<input type="checkbox"/> *Flower: diameter	medium to large	medium to large
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> *Flower: profile of lower part	flat	flat
<input type="checkbox"/> Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/> *Sepal: extensions	weak	very weak to 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	weak to medium	weak
<input type="checkbox"/>	Petal: undulation	absent or very weak	absent or very weak
<input type="checkbox"/>	*Petal: size	small to medium	medium
<input type="checkbox"/>	*Petal: length	medium	medium
<input type="checkbox"/>	*Petal: width	narrow to medium	medium
<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)	20A	16C
<input checked="" type="checkbox"/>	*Petal: basal spot on the inner side	absent	present
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	23C	22C
<input type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	light yellow
<input type="checkbox"/>	Seed vessel: size	medium	medium
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Applied	'WEKsunvoye'

First sold in USA in Dec 2004.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2006/231
Variety Name	'Preruclou'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	26 Sep 2006
Applicant	Preesman Royalty B.V., Naaldwijk, The Netherlands
Agent	Roskam Young Plants Pty Ltd, Clarinda, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2007.
Conditions	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	The trial was conducted on plants on a single bench 2 pots deep with six plants of 'Preruclou' and six plants of 'Grandmygi'.
Measurements	From plants at random. One sample per plant stem.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: 'Preruclou' was the resultant seedling from a cross between two unnamed seedlings '97-285' (seed parent) and '97-181' (pollen parent) in Jun 2000. The seed parent is characterised by pink flower colour. The pollen parent is characterised by lilac flower colour. The seedling was first selected from a population of seedlings later that year based on flower colour. Additional selections were made over the next few years to determine the variety's suitability as a commercial cut rose. With each selection a new generation of plants were taken as cuttings from the previous generation, increasing the quantity of plants with each trial. Preruclou was bred by Ir. Theodorus Adrianus Segers, director of Preesman Royalty B.V. in Rijsenhout, the Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Flower	type	double
Flower	colour group	pink
Flower	diameter	large/very large
Petal	number of colours on inner side	one
Petal	main colour on the outer side	light pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Grandmygi'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Lexaelet'	Flower colour	light pink	cream with light pink tones

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	'Preruclou'	'Grandmygi'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	semi upright	upright
<input type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong to very strong	weak
<input checked="" type="checkbox"/> Stem: number of prickles	medium	few
<input checked="" type="checkbox"/> Prickles: predominant colour	greenish	reddish
<input checked="" type="checkbox"/> Leaf: size	large to very large	medium
<input checked="" type="checkbox"/> Leaf: intensity of green colour	dark	light
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	very weak to weak
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	weak	medium
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	narrow elliptic
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few to medium	medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	few
<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	many	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 to dense	medium
<input type="checkbox"/> *Flower: diameter	large to very large	large

<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input checked="" type="checkbox"/>	Flower: profile of upper part	flat	flattened convex
<input type="checkbox"/>	*Flower: profile of lower part	flattened convex	flattened convex
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input checked="" type="checkbox"/>	*Sepal: extensions	weak	medium to strong
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/>	*Petal: shape	rounded	rounded
<input checked="" type="checkbox"/>	Petal: incisions	absent or very weak	weak to medium
<input type="checkbox"/>	Petal: reflexing of margin	weak	weak
<input checked="" type="checkbox"/>	Petal: undulation	weak to medium	medium to strong
<input type="checkbox"/>	*Petal: size	medium	medium
<input type="checkbox"/>	*Petal: length	medium	medium
<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 top	lighter towards the top
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	56B	56C
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	medium	medium
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	greenish	greenish
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	56A	56C
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	light yellow
<input type="checkbox"/>	Seed vessel: size	medium	medium
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped

Statistical Table

Organ/Plant Part: Context	‘Preruclou’	‘Grandmygi’
<input type="checkbox"/> Flower: diameter (mm)		
Mean	92.64	89.26
Std. Deviation	5.77	4.29
LSD/sig	9.31	ns
<input type="checkbox"/> Flower: number of petals		
Mean	35.40	46.40
Std. Deviation	8.47	10.92
LSD/sig	23.16	ns

Prior Applications and Sales

Prior applications nil. First sold in Australia in Jan 2006.

Details of Application

Application Number	2007/081
Variety Name	'WEKsproules'
Genus Species	Rosa hybrid
Common Name	Rose
Synonym	Honey Dijon
Accepted Date	03 May 2007
Applicant	Weeks Wholesale Rose Grower Inc., Upland, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2003 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001.

Origin and Breeding

Controlled pollination: 'WEKblusi' x 'MACivy'. The seed parent is characterised by lavender flower colour. The pollen parent is characterised by apricot flower colour. 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: unique flower colour, plant growth habit. 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	type	double
Flower	colour group	yellow
Flower	diameter	medium
Petal	number of colours on inner side	one

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'MACjuliat' syn Spiced Coffee	

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	‘WEKsproules’	‘MACjuliat’ syn Spiced Coffee
<input type="checkbox"/> *Plant: growth type	shrub	shrub
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	intermediate	intermediate
<input type="checkbox"/> Plant: height	medium	short to medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak to medium	strong
<input type="checkbox"/> Stem: number of prickles	few to medium	few
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	small to medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	absent or very weak	absent or very weak
<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 type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	few to medium	few to medium
<input type="checkbox"/> *Flower: colour group	yellow	yellow
<input type="checkbox"/> Flower: colour of the centre	yellow	yellow
<input checked="" type="checkbox"/> Flower: density of petals	loose to medium	medium to dense
<input type="checkbox"/> *Flower: diameter	medium	medium
<input checked="" type="checkbox"/> *Flower: shape	irregularly rounded	round
<input checked="" type="checkbox"/> Flower: profile of upper part	flattened convex	flat
<input checked="" type="checkbox"/> *Flower: profile of lower part	flat	flattened convex

<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	weak	weak
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	absent
<input checked="" type="checkbox"/>	*Petal: shape	obovate	rounded
<input type="checkbox"/>	Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	very weak to weak	very weak to weak
<input checked="" type="checkbox"/>	Petal: undulation	medium	weak
<input type="checkbox"/>	*Petal: size	medium	medium
<input type="checkbox"/>	*Petal: length	medium	medium
<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 top	lighter towards the top
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	11B	159A
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/>	*Petal: size of basal spot on inner side	medium	small
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	orange yellow	orange yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	11B	159A
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	medium yellow
<input type="checkbox"/>	Seed vessel: size	small	small to medium
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Applied	'WEKsproulses'
France	2006	Applied	'WEKsproulses'
UK	2006	Applied	'WEKsproulses'

First sold in USA in Dec 2004. First Australian sale Jun 2006.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2007/076
Variety Name	'JACweave'
Genus Species	Rosa hybrid
Common Name	Rose
Synonym	Social Climber
Accepted Date	27 Apr 2007
Applicant	Jackson & Perkins Wholesale, Inc., Somis, CA, USA
Agent	Swane's Nurseries Australia Pty Limited, Narromine, NSW
Qualified Person	Joanne Janhsen

Details of Comparative Trial

Location	Narromine NSW.
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	Jul 2003 – Nov 2007.
Conditions	Plants were budded on 'Dr Huey' rootstock 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	2001.

Origin and Breeding

Controlled pollination: unnamed seedling x unnamed seedling. The seed parent is characterised by short plant height. The pollen parent is characterised by Salmon Pink flower colour. 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: plant growth habit, disease resistance, flower colour. Propagation: vegetative. Breeder: Keith Zary, Jackson & Perkins Wholesale, Inc., Somis, CA, USA.

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

Organ/PlantContext		State of Expression in Group of Varieties
Part		
Plant	growth type	climber
Flower	type	double
Flower	colour group	pink
Flower	diameter	small/medium
Petal	number of colours on inner side	one
Petal	main colour on the outer side	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Dreamweaver'	

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	'JACweave'	'Dreamweaver'
<input type="checkbox"/> *Plant: growth type	climber	climber
<input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	strongly spreading	moderately spreading
<input type="checkbox"/> Plant: height	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 checked="" type="checkbox"/> Stem: number of prickles	few	medium
<input checked="" type="checkbox"/> Prickles: predominant colour	purplish	reddish
<input type="checkbox"/> Leaf: size	medium to large	medium
<input type="checkbox"/> Leaf: intensity of green colour	light to medium	medium
<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	very weak to weak	weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	medium elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	acute	acute
<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 to medium	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	few	few
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	few to medium	medium
<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	very loose to loose	loose
<input type="checkbox"/> *Flower: diameter	medium	small to medium
<input type="checkbox"/> *Flower: shape	irregularly	irregularly

		rounded	rounded
<input checked="" type="checkbox"/>	Flower: profile of upper part	flat	flattened convex
<input checked="" type="checkbox"/>	*Flower: profile of lower part	flat	flattened convex
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input checked="" type="checkbox"/>	*Sepal: extensions	weak	absent or very weak
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	absent
<input checked="" type="checkbox"/>	*Petal: shape	obcordate	obovate
<input type="checkbox"/>	Petal: incisions	very weak to weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	weak	weak
<input type="checkbox"/>	Petal: undulation	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	*Petal: size	medium	small
<input type="checkbox"/>	*Petal: length	medium	medium
<input checked="" type="checkbox"/>	*Petal: width	medium	narrow
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input type="checkbox"/>	*Petal: intensity of colour	even	even
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	65B	65C
<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	light yellow
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	65B	65B
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	pink
<input checked="" type="checkbox"/>	Seed vessel: size	medium	small
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	funnel-shaped
<input type="checkbox"/>	Hip: colour	green	green

Prior Applications and Sales

Prior applications nil. First sold in USA in Dec 2004. First Australian sale Jun 2006.

Description: **Finbarr O'Leary and Joanne Janhsen**, Swane's Nursery.

Details of Application

Application Number	2006/225
Variety Name	'Lexletacsum'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	26 Sep 2006
Applicant	Lex Voorn Rozenveredeling, Kudelstaart, The Netherlands
Agent	Grandiflora Nurseries Pty Ltd, Skye, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2007.
Conditions	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 330mm (3 plants per pot) and in an open polyhouse without shade, temperature ranged between 12 and 38 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	160 plants of 'Lexletacsum' on benches two plants deep, arranged in rows as part of commercial flower growing operation and 8 plants each of 'Preratemp Purple' and 'Intersnapni' on benches two deep, arranged in blocks within the centralised testing centre for roses.
Measurements	From plants at random, one sample per plant stem.
RHS Chart - edition	1995.

Origin and Breeding

Controlled pollination: 'Lexletacsum' was the resultant seedling from the cross of unnamed seedlings bred by Lex Voorn Rozenveredeling BV in May 2001. The seed parent is characterised by yellow flower colour. The pollen parent is characterised by red flower colour. Selection criteria: the seedling was first selected from a population of seedlings later that year based on flower colour. Additional selections were made over the next few years to determine the variety's suitability as a commercial cut rose. With each selection a new generation of plants were taken as cuttings from the previous generation, increasing the quantity of plants with each trial. Propagation: vegetative. Breeder: Lexletacsum was bred by Lex Voorn director of Lex Voorn Rozenveredeling BV in Kudelstaart, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Flower	colour group	dark pink
Flower	type	double
Petal	number of colours on inner side	one

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Preratemp Purple'	
'Intersnapni'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Comparator Variety	Comments
'Schosonne'	Flower colour dark pink	dark pink	cerise	This variety was ultimately rejected due to the flower colour being of a more redder shade of dark pink
'Meidunkel'	Flower colour dark pink	dark pink	hot pink	This variety was ultimately rejected due to the colour being of a lighter shade

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	'Lexletacsum'	'Intersnapni'	'Preratemp Purple'
<input type="checkbox"/> *Plant: growth type	bed	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright	upright
<input checked="" type="checkbox"/> Plant: height	tall	tall to very tall	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	very weak to weak	very weak
<input checked="" type="checkbox"/> Stem: number of prickles	very few to few	few	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish	reddish
<input type="checkbox"/> Leaf: size	large to very large	large to very large	large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	dark	medium to dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	very weak to	very weak to

		weak	weak
<input checked="" type="checkbox"/>	*Leaflet: undulation of margin	weak	medium
<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 type="checkbox"/>	Flowering shoot: flowering laterals	present	present
<input checked="" type="checkbox"/>	Flowering shoot: number of flowering laterals	very few	few
<input checked="" type="checkbox"/>	Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input checked="" type="checkbox"/>	Flower bud: shape in longitudinal section	broad ovate	medium ovate
<input type="checkbox"/>	*Flower: type	double	double
<input type="checkbox"/>	*Flower: number of petals	medium to many	medium
<input type="checkbox"/>	*Flower: colour group	pink	pink
<input type="checkbox"/>	Flower: colour of the centre	pink	pink
<input checked="" type="checkbox"/>	Flower: density of petals	medium to dense	loose to medium
<input checked="" type="checkbox"/>	*Flower: diameter	medium to large	large to very large
<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/>	Flower: profile of upper part	flattened convex	flattened convex
<input checked="" type="checkbox"/>	*Flower: profile of lower part	flattened convex	flat
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	medium	medium
<input checked="" type="checkbox"/>	Petals: reflexing of petals one-by-one	absent	present
<input checked="" type="checkbox"/>	*Petal: shape	obovate	obcordate
<input type="checkbox"/>	Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	medium
<input type="checkbox"/>	Petal: undulation	weak to medium	medium
<input type="checkbox"/>	*Petal: size	medium to large	medium to large
<input type="checkbox"/>	*Petal: length	medium	medium to long
<input checked="" type="checkbox"/>	*Petal: width	broad to very 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)	57A	57B	ca. 61B
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	small	small	small
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	white	white	white
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	66A	57B	57B
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	pink	light yellow	pink
<input checked="" type="checkbox"/>	Seed vessel: size	small	medium	medium
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped	pitcher-shaped

Statistical Table

Organ/Plant Part: Context	‘Lexletacsum’	‘Intersnapni’	‘Preratemp Purple’
<input type="checkbox"/> Flower: number of petals			
Mean	59.80	36.20	41.40
Std. Deviation	8.17	6.65	11.65
LSD/sig	28.67	ns	ns

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2006/226
Variety Name	'Grandant'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	26 Sep 2006
Applicant	Mr H Schreuders, Skye, VIC
Agent	Grandiflora Nurseries Pty Ltd, Skye, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2007.
Conditions	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	8 plants of 'Grandant' and 8 plants of 'Grandlavda' arranged two deep on a single bench in blocks.
Measurements	From plants at random. One sample per plant stem.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: 'Grandant' was the resultant seedling from the cross of two unnamed seedlings ('S 025' and 'GF 97-37-13') bred by Mr H Schreuders between Sep and Nov 2002. The seed parent is characterised by yellow flower colour. The pollen parent is characterised by dark lilac flower colour. The seedling was first selected from a population of seedlings later that year based on flower colour. Additional selections were made over the next few years to determine the variety's suitability as a commercial cut rose. With each selection a new generation of plants were taken as cuttings from the previous generation, increasing the quantity of plants with each trial. 'Grandant' was bred by Mr H Schreuders in Skye, 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 type	bed
Flower	type	double
Flower	colour group	purple
Flower	diameter	medium-large
Flower	shape	irregularly rounded
Petal	number of colours on inner side	one
Petal	main colour on the inner side	greyed-lilac

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Grandlavda'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Korweineu'	Flower colour	greyed lilac	brownish

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	'Grandant'	'Grandlavda'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	medium	short to medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	medium
<input checked="" type="checkbox"/> Stem: number of prickles	many	few
<input type="checkbox"/> Prickles: predominant colour	greenish	greenish
<input checked="" type="checkbox"/> Leaf: size	medium to large	large to very large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	very weak to weak
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	weak	medium
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	ovate
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	rounded
<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	medium	medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<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	many	medium to many
<input type="checkbox"/> *Flower: colour group	purple	purple
<input type="checkbox"/> Flower: density of petals	medium to dense	medium
<input type="checkbox"/> *Flower: diameter	large	medium to large

<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input checked="" type="checkbox"/>	Flower: profile of upper part	flat	flattened convex
<input checked="" type="checkbox"/>	*Flower: profile of lower part	flattened convex	flat
<input checked="" type="checkbox"/>	Flower: fragrance	medium	absent or weak
<input type="checkbox"/>	*Sepal: extensions	medium to strong	medium
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/>	*Petal: shape	obcordate	obcordate
<input type="checkbox"/>	Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	weak to medium
<input type="checkbox"/>	Petal: undulation	weak	very weak to weak
<input type="checkbox"/>	*Petal: size	medium to large	medium
<input type="checkbox"/>	*Petal: length	medium to long	medium
<input type="checkbox"/>	*Petal: width	medium	medium
<input type="checkbox"/>	*Petal: number of colours on inner side	one	one
<input checked="" type="checkbox"/>	*Petal: intensity of colour	lighter towards the top	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	lighter than 186D	76D
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	small to medium	small
<input checked="" type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	light yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	lighter than 186D	77D
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	medium yellow
<input checked="" type="checkbox"/>	Seed vessel: size	small	medium
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	funnel-shaped

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Grandant’	‘Grandlavda’
<input checked="" type="checkbox"/> Flower: colour of centre	brown	purple

Statistical Table

Organ/Plant Part: Context	‘Grandant’	‘Grandlavda’
<input type="checkbox"/> Flower : diameter (mm)		
Mean	93.00	94.28
Std. Deviation	5.98	5.56
LSD/sig	10.57	ns
<input checked="" type="checkbox"/> Flower: number of petals		
Mean	67.00	48.80
Std. Deviation	10.51	5.89
LSD/sig	15.61	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2006/227
Variety Name	'Crohimagi'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	26 Sep 2006
Applicant	Preesman Royalty B.V., Naaldwijk, The Netherlands
Agent	Roskam Young Plants Pty Ltd, Clarinda, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2007.
Conditions	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	The trial was conducted on plants on a single bench 2 pots deep with ten plants of 'Crohimagi' and eight plants of 'Interhiety'.
Measurements	From plants at random. One sample per plant stem.
RHS Chart - edition	1995.

Origin and Breeding

Controlled pollination: 'Crohimagi' was the resultant seedling from a cross between two unnamed seedlings 'P 203' (seed parent) and '98-421' (pollen parent) in May 1999. The seed parent is characterised by orange flower colour. The pollen parent is characterised by yellow flower colour. The seedling was first selected from a population of seedlings later that year based on flower colour. Additional selections were made over the next few years to determine the variety's suitability as a commercial cut rose. With each selection a new generation of plants were taken as cuttings from the previous generation, increasing the quantity of plants with each trial. 'Crohimagi' was bred by Ir. Theodorus Adrianus Segers, director of Preesman Royalty B.V. in Rijsenhout, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Flower	type	double
Flower	colour group	orange blend
Flower	diameter	large/medium-large
Petal	number of colours on inner side	two
Petal	main colour on the outer side	yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Interhiety'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Tan00125'	Flower colour	pale yellow in the centre of the upper side of the petal	deep yellow at the centre of the upper side of the petal

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	'Crohimagi'	'Interhiety'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	medium
<input type="checkbox"/> Stem: number of prickles	medium	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	medium to large	medium to large
<input type="checkbox"/> Leaf: intensity of green colour	dark	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	medium
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	medium	strong
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	ovate	medium elliptic
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	obtuse
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	very few	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	medium	many
<input type="checkbox"/> *Flower: colour group	orange blend	orange blend
<input type="checkbox"/> Flower: colour of the centre	orange	orange
<input type="checkbox"/> Flower: density of petals	medium to dense	medium to dense
<input type="checkbox"/> *Flower: diameter	large	medium to large
<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	flat	flat
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input checked="" type="checkbox"/>	*Sepal: extensions	strong	medium
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/>	*Petal: shape	rounded	rounded
<input type="checkbox"/>	Petal: incisions	absent or very weak	very weak to weak
<input checked="" type="checkbox"/>	Petal: reflexing of margin	strong	weak to medium
<input type="checkbox"/>	Petal: undulation	weak	weak to medium
<input type="checkbox"/>	*Petal: size	medium	medium
<input type="checkbox"/>	*Petal: length	medium	medium
<input type="checkbox"/>	*Petal: width	medium	medium
<input type="checkbox"/>	*Petal: number of colours on inner side	two	two
<input type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	lighter towards the base
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	12B	50A
<input checked="" type="checkbox"/>	*Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	32A	10B
<input checked="" type="checkbox"/>	*Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	at marginal zone	at base
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/>	*Petal: size of basal spot on inner side	large	small
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	medium yellow
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	9C	9C
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	medium yellow
<input checked="" type="checkbox"/>	Seed vessel: size	very small to small	small to medium
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	funnel-shaped

Statistical Table

Organ/Plant Part: Context	‘Crohimagi’	‘Interhiety’
<input checked="" type="checkbox"/> Flower: number of petals		
Mean	28.60	46.00
Std. Deviation	1.95	4.30
LSD/sig	7.91	P≤0.01
<input checked="" type="checkbox"/> Flower: diameter (mm)		
Mean	94.52	83.74
Std. Deviation	4.49	2.73
LSD/sig	6.81	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2004	Granted	‘Crohimagi’

Colombia	2005	Applied	'Crohimagi'
South Africa	2006	Applied	'Crohimagi'

First sold in Kenya in Oct 2004. First Australian sale May 2006.

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

Details of Application

Application Number	2006/232
Variety Name	'Preruclas'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	26 Sep 2006
Applicant	Preesman Royalty B.V., Naaldwijk, The Netherlands
Agent	Roskam Young Plants Pty Ltd, Clarinda, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) TG/11/8.
Period	2007.
Conditions	Trial conducted in an open polyhouse, temperature ranged between 12 and 38 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	8 plants each of 'Preruclas' and 'Prerol' on benches two deep, arranged in blocks within the centralised testing centre for roses.
Measurements	From plants at random, one sample per plant stem.
RHS Chart - edition	1995.

Origin and Breeding

Controlled pollination: 'Preruclas' was the resultant seedling from a cross between two unnamed seedlings '94-014' (seed parent) and '97-134' (pollen parent) in May 1999. The seed parent is characterised by bi-colour red flower colour. The pollen parent is characterised by bright red flower colour. Selection criteria: the seedling was first selected from a population of seedlings later that year based on flower colour. Additional selections were made over the next few years to determine the variety's suitability as a commercial cut rose. With each selection a new generation of plants were taken as cuttings from the previous generation, increasing the quantity of plants with each trial. Propagation: vegetative. Breeder: 'Preruclas' was bred by Ir. Theodorus Adrianus Segers, director of Preesman Royalty B.V. in Rijsenhout, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Plant	growth habit	upright
Flower	colour group	bright red
Flower	type	double
Flower	diameter	large/very large
Petal	number of colours on inner side	one

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Prerarol'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Korlingo'	Flower density of petals	medium to dense	loose
'Predepass'	Flower colour	bright red	dark red
'Pekcoujenny'	Flower colour	bright red	dark red
'Seliron'	Flower colour	bright 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	'Preruclas'	'Prerarol'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input checked="" type="checkbox"/> Plant: height	tall	medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	medium
<input type="checkbox"/> Stem: number of prickles	few to medium	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	very large	very large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium	dark
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	weak to medium
<input type="checkbox"/> *Leaflet: undulation of margin	very weak to weak	weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	cordate
<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 to medium	few to medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	few	few
<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	red	red

<input type="checkbox"/>	Flower: colour of the centre	red	red
<input type="checkbox"/>	Flower: density of petals	medium to dense	medium
<input type="checkbox"/>	*Flower: diameter	large to very large	large
<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/>	Flower: profile of upper part	flattened convex	flattened convex
<input checked="" type="checkbox"/>	*Flower: profile of lower part	flat	flattened convex
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input type="checkbox"/>	*Sepal: extensions	medium	weak to medium
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/>	*Petal: shape	obcordate	rounded
<input type="checkbox"/>	Petal: incisions	weak	very weak to weak
<input checked="" type="checkbox"/>	Petal: reflexing of margin	medium	weak
<input type="checkbox"/>	Petal: undulation	weak	weak to medium
<input type="checkbox"/>	*Petal: size	medium to large	medium to large
<input type="checkbox"/>	*Petal: length	long	medium to long
<input type="checkbox"/>	*Petal: width	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 type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	ca. 45A	ca. 45B
<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	white	white
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	53C	45D
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	pink
<input checked="" type="checkbox"/>	Seed vessel: size	small to medium	medium to large
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Statistical Table

Organ/Plant Part: Context	‘Preruclas’	‘Prerarol’
<input type="checkbox"/> Flower: number of petals		
Mean	48.40	45.80
Std. Deviation	4.72	9.58
LSD/sig	17.89	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2004	Granted	‘Preruclas’

South Africa 2006 Applied ‘Preruclas’

First sold in The Netherlands in Sep 2005. First Australian sale Nov 2005.

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

Details of Application

Application Number	2007/014
Variety Name	'Olijkiwi'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	02 Mar 2007
Applicant	Olij Innovation BV, De Kwakel, The Netherlands
Agent	Grandiflora Nurseries Pty Ltd, Skye, VIC
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2007.
Conditions	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
Trial Design	The trial was conducted on plants on a single bench 2 pots deep with eight plants of 'Olijkiwi' and eight plants of 'Korplasina'.
Measurements	From plants at random. One sample per plant stem.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: 'Olijkiwi' was the resultant seedling from the cross of two unnamed seedlings bred by Olij Innovation BV in May 1997. The seed parent is characterised by straight cream colour. The pollen parent is characterised by very large flower diameter. The seedling was first selected from a population of seedlings later that year based on flower colour. Additional selections were made over the next few years to determine the variety's suitability as a commercial cut rose. With each selection a new generation of plants were taken as cuttings from the previous generation, increasing the quantity of plants with each trial. 'Olijkiwi' was bred under the supervision of Huibert Wijnand Olij, of Olij Innovation BV in De Kwakel, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	bed
Flower	type	double
Flower	colour group	green
Flower	diameter	medium-large
Flower	shape	irregularly rounded
Petal	number of colours on inner side	one
Petal	main colour on the outer side	cream

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Korplasina'	

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	'Olijkiwi'	'Korplasina'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	short to medium	short to medium
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	medium to strong
<input type="checkbox"/> Stem: number of prickles	few	few
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: glossiness of upper side	very weak to weak	very weak to weak
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	medium	very weak to weak
<input checked="" type="checkbox"/> *Terminal leaflet: shape of blade	ovate	narrow elliptic
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	acute	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	medium	very few
<input checked="" 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	medium to many	medium
<input type="checkbox"/> *Flower: colour group	green	green
<input type="checkbox"/> Flower: colour of the centre	orange	orange
<input type="checkbox"/> Flower: density of petals	medium	loose to medium
<input type="checkbox"/> *Flower: diameter	large	medium to large
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	convex	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	weak to medium	
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/>	*Petal: shape	obovate	obcordate
<input checked="" type="checkbox"/>	Petal: incisions	medium	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	weak	weak
<input type="checkbox"/>	Petal: undulation	medium	medium
<input type="checkbox"/>	*Petal: size	medium	small to medium
<input type="checkbox"/>	*Petal: length	medium	medium
<input checked="" type="checkbox"/>	*Petal: width	medium to broad	narrow to 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 top
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	157A	157D
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	absent
<input type="checkbox"/>	*Petal: size of basal spot on inner side	small	
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	light yellow	
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	157A	157D
<input type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	medium yellow

Statistical Table

Organ/Plant Part: Context	‘Olijkiwi’	‘Korplasina’
<input type="checkbox"/> Flower: number of petals		
Mean	35.60	35.60
Std. Deviation	6.91	2.19
LSD/sig	9.39	ns
<input type="checkbox"/> Flower: diameter (mm)		
Mean	96.46	82.86
Std. Deviation	3.51	8.42
LSD/sig	15.29	ns
<input checked="" type="checkbox"/> Flower: diameter of staminal bundle (mm)		
Mean	16.82	13.80
Std. Deviation	1.86	1.24
LSD/sig	2.89	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Colombia	2003	Granted	‘Olijkiwi’
The Netherlands	2002	Granted	‘Olijkiwi’
Ecuador	2003	Granted	‘Olijkiwi’
Kenya	2004	Applied	‘Olijkiwi’

First sold in Ecuador in May 2002.

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

Details of Application

Application Number	2008/073
Variety Name	'SI98'
Genus Species	<i>Paspalum vaginatum</i>
Common Name	Seashore Paspalum
Synonym	Sea Isle Supreme
Accepted Date	30 Apr 2008
Applicant	University of Georgia Research Foundation, Inc., Athens, GA, USA
Agent	State of Queensland through its Department of Primary Industries and Fisheries, Brisbane, QLD
Qualified Person	Donald Loch

Details of Comparative Trial

Location	QDPI&F Turf Research, Redlands Research Station, Cleveland, QLD. (Latitude 27°32'S, 153°15'E, elevation <25 masl).
Descriptor	<i>Cynodon dactylon</i> x <i>C. transvaalensis</i> (<i>Cynodon</i> Hybrid) PBR CYNO.
Period	27 Apr 2006 – 29 Jan 2007.
Conditions	Individual propagules (four per tube) were grown in 60 x 60 mm tubes until covered and planted on a red volcanic (krasnozem) soil 27 Apr 2006; plants not defoliated; weed control by pre-emergence oxadiazon and nutrition maintained by slow release fertiliser (19-0-16) on 16 May, (18-10-9) 10 Aug, and (16-25-12) 20 Oct 2006.
Trial Design	Thirty (30) spaced plants of each cultivar ('SI98', 'SDX-1', 'SeaIsle 1', 'SeaIsle 2000', 'TWA02' and Saltene™) were arranged in six (6) randomised blocks with five (5) plants per plot; 0.9 m between plots, 1 m between plants within plots.
Measurements	Four (4) diameter of spread measurements were taken per plant at fortnightly intervals (4 Jul – 26 Sep 2006); two (2) stolons per plant were collected 11-18 Sep 2006 and stolon and leaf characteristics measured; two (2) shoot and inflorescence measurements per plant were taken 17-29 Jan 2007; average sward height per plant and inflorescence rating (0- none, 1- few, 2- modest and 3- high presence) were conducted on 17 Jan 2007; exposed stolon and leaf colour, along with digital images were taken on 17 Aug 2006.
RHS Chart - edition	2001 edition.

Origin and Breeding

Open-pollination: 'SI98' was selected from a worldwide collection of 300 accessions of seashore paspalum collected by Dr Ronny R. Duncan, primarily from seashore paspalum plantings on golf courses as variants in growth habit, leaf texture, and level of salt tolerance, having potential for improved turf type selections. 'SI98' was selected as a finer textured genotype with a denser, more prostrate growth habit than the surrounding wild ecotype. The original samples were vegetatively propagated and evaluated first in the greenhouse at Griffin, GA, USA, and later expanded to field evaluations at Griffith under mowing heights ranging from 4.8 mm to 50 mm. 'SI98'

was included in the USA National Turf Evaluation Program (NTEP) Bermuda Grass trial at Griffin established during 2002 and evaluated for turf quality and related characteristics during 2002-2004. 'SI98' was established and evaluated on the Griffin greens and fairway plots during 2002-2004, and was included in replicated seashore paspalum turf evaluations established at Jay, FL, USA in 2003 and in Griffin and Tifton, GA in 2004. The selection was also evaluated for suitability as a greens grass on two premier golf clubs in Florida and South Carolina for one year in 2006-2007. Breeder: Dr Ronny R. Duncan, University of Georgia, Griffin, GA, 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
Stolon internode	diameter	thin
Stolon leaf sheath	length	short
Blade length of flag leaf	length	long
Peduncle	length	short
Stolon leaf blade	length	short
Stolon leaf blade	width	narrow
Raceme	length	short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'SDX-1'	
'SeaIsle 1'	
'Sea Isle 2000'	
'TWA02'	
Saltene™	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sea Spray'	Spike seed production	absent	present	seeded cultivar

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	‘SI98’	Saltene™	‘SeaIsle 1’	‘Sea Isle 2000’	‘TWA02’	‘SDX-1’
<input type="checkbox"/> Plant: ploidy	diploid					
<input type="checkbox"/> Plant: habit	creeping					
<input type="checkbox"/> Plant: type	mat-forming					
<input type="checkbox"/> Plant: height	very short					
<input type="checkbox"/> Plant: longevity	perennial					
<input type="checkbox"/> Plant: spreading	stolons (some rhizomes)					
<input type="checkbox"/> Stolon: internode length	medium					
<input type="checkbox"/> Stolon: internode thickness	medium to thin					
<input type="checkbox"/> Stolon: colour when exposed to sunlight	200A	200B	200B	>200A	200B	200B
<input type="checkbox"/> Culms: length	short					
<input type="checkbox"/> Leaf blade: shape	linear-triangular					
<input type="checkbox"/> Leaf blade: length	medium to short					
<input type="checkbox"/> Leaf blade: width	medium to narrow					
<input type="checkbox"/> Leaf blade: colour	137c	137C	137B	137B	137B	137B
<input type="checkbox"/> Inflorescence: type	digitate					
<input type="checkbox"/> Inflorescence: length of peduncle	short					
<input type="checkbox"/> Inflorescence: maximum number of spikes	2	3	2	2	2	2

<input type="checkbox"/>	Inflorescence: minimum number of spikes	2	2	2	2	2	2
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Statistical Table

Organ/Plant Part: Context	‘SI98’	Saltene™	‘SeaIsle 1’	‘Sea Isle 2000’	‘TWA02’	‘SDX-1’
<input checked="" type="checkbox"/> Plant: mean diameter after 149 days (cm)						
Mean	108.40	129.60	100.80	99.90	108.10	85.20
Std. Deviation	14.50	15.80	17.50	21.40	23.40	19.10
LSD/sig	13.9	ns	ns	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon node: number of branch stolons at node two (spaced plants)						
Mean	0.68	0.57	0.72	0.87	0.87	0.77
Std. Deviation	0.47	0.50	0.45	0.34	0.34	0.43
LSD/sig	0.23	ns	ns	ns	ns	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node three (spaced plants)						
Mean	1.00	1.00	1.00	1.00	1.00	1.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.00
LSD/sig	0.00	ns	ns	ns	ns	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node four (spaced plants)						
Mean	1.00	1.00	1.00	1.00	1.00	1.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.00
LSD/sig	0.00	ns	ns	ns	ns	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node five (spaced plants)						
Mean	1.03	1.00	1.00	1.02	1.00	1.03
Std. Deviation	0.18	0.00	0.00	0.13	0.00	0.18
LSD/sig	0.06	ns	ns	ns	ns	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node six (spaced plants)						
Mean	1.20	1.00	1.03	1.17	1.33	1.07

Std. Deviation	0.44	0.00	0.18	0.46	0.66	0.25
LSD/sig	0.26	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Stolon node: length of fourth internode from stolon tip (mm)						
Mean	12.26	17.53	13.67	12.55	14.87	9.70
Std. Deviation	2.37	3.20	3.09	2.49	2.95	1.91
LSD/sig	2.74	P≤0.01	ns	ns	ns	ns
<input checked="" type="checkbox"/> Stolon node: diameter of fourth internode from stolon tip (mm)						
Mean	1.49	1.78	1.65	1.81	1.58	1.58
Std. Deviation	0.19	0.32	0.24	0.30	0.19	0.23
LSD/sig	0.16	P≤0.01	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Stolon node: length of sheath on fourth visible node from stolon tip (mm)						
Mean	7.13	11.30	8.49	8.49	8.04	6.90
Std. Deviation	1.38	1.33	1.08	1.04	1.14	1.44
LSD/sig	1.00	P≤0.01	P≤0.01	P≤0.01	ns	ns
<input type="checkbox"/> Stolon node: length of leaf blade on fourth visible node from stolon tip (mm)						
Mean	5.57	9.23	7.58	6.48	6.83	5.90
Std. Deviation	1.17	2.36	1.46	0.97	0.91	1.14
LSD/sig	1.19	P≤0.01	P≤0.01	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Stolon node: width of leaf blade on fourth visible node from stolon tip (mm)						
Mean	2.01	1.97	2.21	2.20	2.39	2.05
Std. Deviation	0.30	0.32	0.36	0.54	0.54	0.35
LSD/sig	0.27	ns	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Stolon node: length/width ratio of fourth visible node from stolon tip						
Mean	2.81	4.70	3.50	3.03	2.92	2.90
Std. Deviation	0.71	1.02	0.74	0.55	0.50	0.42
LSD/sig	0.58	P≤0.01	P≤0.01	ns	ns	ns

<input checked="" type="checkbox"/>	Flowering tiller: length of blade on flag leaf on flowering tillers (mm)						
Mean	16.89	11.52	7.37	10.64	12.60	5.29	
Std. Deviation	6.64	6.48	7.26	6.28	8.16	5.47	
LSD/sig	4.88	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01	
<input type="checkbox"/>	Flowering tiller: length of sheath on flag leaf on flowering tillers (mm)						
Mean	36.60	52.24	41.13	44.79	48.35	25.03	
Std. Deviation	6.64	6.48	7.26	6.28	8.16	5.47	
LSD/sig	7.04	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01	
<input checked="" type="checkbox"/>	Flowering tiller: length of sheath on fourth leaf on flowering tillers						
Mean	16.41	30.60	16.99	17.18	18.56	10.60	
Std. Deviation	3.35	3.91	3.96	4.15	3.91	2.66	
LSD/sig	3.71	P≤0.01	ns	ns	ns	P≤0.01	
<input checked="" type="checkbox"/>	Flowering tiller: length of blade on fourth leaf on flowering tillers (mm)						
Mean	49.39	50.95	46.72	45.18	57.80	28.48	
Std. Deviation	12.35	9.97	10.82	11.46	12.74	9.47	
LSD/sig	12.63	ns	ns	ns	ns	P≤0.01	
<input checked="" type="checkbox"/>	Flowering tiller: width of blade on fourth leaf on flowering tillers (mm)						
Mean	2.44	203.00	2.52	2.53	2.67	2.03	
Std. Deviation	0.36	0.36	0.42	0.49	0.44	0.36	
LSD/sig	0.39	P≤0.01	ns	ns	ns	P≤0.01	
<input checked="" type="checkbox"/>	Flowering tiller: length/width ratio of fourth leaf blade on flowering tillers						
Mean	20.59	20.50	18.86	18.02	21.67	14.60	
Std. Deviation	5.42	5.06	5.11	3.75	6.21	5.01	
LSD/sig	4.45	ns	ns	ns	ns	P≤0.01	
<input type="checkbox"/>	Flowering tiller: length of peduncle (mm)						
Mean	38.55	51.24	45.33	45.28	48.20	27.68	

Std. Deviation	5.17	8.99	6.45	6.98	6.23	5.60
LSD/sig	5.36	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Flowering tiller: diameter of peduncle (mm)						
Mean	0.54	0.62	0.53	0.60	0.51	0.60
Std. Deviation	0.09	0.12	0.11	0.31	0.10	0.27
LSD/sig	0.19	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Spike: mean spike length (mm)						
Mean	25.55	37.38	26.70	25.75	30.58	18.34
Std. Deviation	2.35	4.06	3.52	3.17	3.81	3.30
LSD/sig	3.84	P≤0.01	ns	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Flowering tiller: number of spikes on flowering tiller						
Mean	2.00	2.10	2.00	2.00	2.00	2.00
Std. Deviation	0.00	0.30	0.00	0.00	0.00	0.00
LSD/sig	0.11	ns	ns	ns	ns	ns
<input type="checkbox"/> Inflorescence: rating 262 days post planting						
Mean	2.03	2.90	2.67	1.87	2.37	2.47
Std. Deviation	0.85	0.31	0.48	0.82	0.81	0.76
LSD/sig	0.86	P≤0.01	ns	ns	ns	ns
<input checked="" type="checkbox"/> Sward: height (cm) (262 days post planting)						
Mean	8.23	22.06	10.85	13.97	15.24	7.34
Std. Deviation	4.52	7.68	3.59	5.86	7.25	5.72
LSD/sig	7.03	P≤0.01	ns	ns	ns	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Applied	'S198'

First sold in the USA in May 2005.

Description: **M.B. Roche & D.S. Loch**, QDPI&F Turf Research, Redlands Research Station, Cleveland, QLD.

Details of Application

Application Number	2006/160
Variety Name	'SDX-1'
Genus Species	<i>Paspalum vaginatum</i>
Common Name	Seashore Paspalum
Synonym	Nil
Accepted Date	11 Mar 2008
Applicant	SFR Holding Company Inc, Aurora, Colorado, USA
Agent	Gai Kapernick, Mount Gravatt, QLD
Qualified Person	Matthew Roche

Details of Comparative Trial

Location	QDPI&F Turf Research, Redlands Research Station, Cleveland, QLD. (Latitude 27°32'S, 153°15'E, elevation <25 masl).
Descriptor	<i>Cynodon dactylon</i> x <i>C. transvaalensis</i> (<i>Cynodon</i> Hybrid) PBR CYNO.
Period	27 Apr 2006 – 29 Jan 2007.
Conditions	Individual propagules (four per tube) were grown in 60 x 60 mm tubes until covered and planted on a red volcanic (krasnozem) soil 27 Apr 2006; plants not defoliated; weed control by pre-emergence oxadiazon and nutrition maintained by slow release fertiliser (19-0-16) on 16 May, (18-10-9) 10 Aug, and (16-25-12) 20 Oct 2006.
Trial Design	Thirty (30) spaced plants of each cultivar ('SDX-1', 'SeaIsle 1', 'Sea Isle 2000', TWA02', 'Saltene' TM and 'SI98') were arranged in six (6) randomised blocks with five (5) plants per plot; 0.9 m between plots, 1 m between plants within plots.
Measurements	Four (4) diameter of spread measurements were taken per plant at fortnightly intervals (4 Jul – 26 Sep 2006); two (2) stolons per plant were collected 11-18 Sep 2006 and stolon and leaf characteristics measured; two (2) shoot and inflorescence measurements per plant were taken 17-29 Jan 2007; average sward height per plant and inflorescence rating (0- none, 1- few, 2- modest and 3- high presence) were conducted on 17 Jan 2007; exposed stolon and leaf colour, along with digital images were taken on 17 Aug 2006.
RHS Chart - edition	2001 edition.

Origin and Breeding

Open-pollination: 'SDX-1' originated as an open-pollinated chance seeding in an old green of 'Adalayd' seashore paspalum (US Plant Patent 3939) surrounded by an undefined local ecotype of the same species. 'SDX-1' was finer textured and had a denser, more prostrate growth habit than its putative parents which are 'Adalayd' (maternal) and an undefined parental genotype growing among the surrounding local ecotype. 'SDX-1' was compared with other promising seedlings discovered similarly at the same time, and was selected on the basis of its dwarf growth habit, tolerance of low cutting height, turf density, fine-textured growth, and apparent salt tolerance under field conditions. Breeder: Stewart T Bennett, Paul H Tillman, Michael DePew, Enviro Turf LC, Terkonsha, MI, 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
Internode	length	medium
Internode	diameter	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sea Isle 1'	
'Sea Isle 2000'	
'TWA02'	
'Saltene' TM	
'SI-98'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sea Spray'	Spike seed production	absent	present	seeded cultivar

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	‘SDX-1’	‘Saltene’TM	‘Sea Isle 1’	‘Sea Isle 2000’	‘SI-98’	‘TWA02’
<input type="checkbox"/> Plant: ploidy	diploid					
<input type="checkbox"/> Plant: habit	creeping					
<input type="checkbox"/> Plant: type	mat-forming					
<input type="checkbox"/> Plant: height	very short					
<input type="checkbox"/> Plant: longevity	perennial					
<input type="checkbox"/> Plant: spreading	stolons (some rhizomes)					
<input type="checkbox"/> Stolon: internode length	medium					
<input type="checkbox"/> Stolon: internode thickness	medium					
<input type="checkbox"/> Stolon: colour when exposed to sunlight	200B	200B	200B	>200A	200A	200B
<input type="checkbox"/> Culms: length	short					
<input type="checkbox"/> Leaf blade: shape	linear-triangular					
<input type="checkbox"/> Leaf blade: length	medium to short					
<input type="checkbox"/> Leaf blade: width	medium to narrow					
<input type="checkbox"/> Leaf blade: colour	137B	137C	137B	137B	137C	137B
<input type="checkbox"/> Inflorescence: type	digitate					
<input type="checkbox"/> Inflorescence: length of peduncle	short					

<input type="checkbox"/> Inflorescence: maximum number of spikes	2	3	2	2	2	2
<input type="checkbox"/> Inflorescence: minimum number of spikes	2	2	2	2	2	2

Statistical Table

Organ/Plant Part: Context	'SDX-1'	'Saltene' TM	'Sea Isle 1'	'Sea Isle 2000'	'SI-98'	'TWA02'
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<input checked="" type="checkbox"/> Plant: mean diameter after 149 days (cm)						
Mean	85.20	129.60	100.80	99.90	108.40	108.10
Std. Deviation	19.10	15.80	17.50	21.40	14.50	23.40
LSD/sig	13.9	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Stolon node: number of branch stolons at node two (spaced plants)						
Mean	0.77	0.57	0.72	0.87	0.68	0.87
Std. Deviation	0.43	0.50	0.45	0.34	0.47	0.34
LSD/sig	0.23	ns	ns	ns	ns	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node three (spaced plants)						
Mean	1.00	1.00	1.00	1.00	1.00	1.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.00
LSD/sig	0.00	ns	ns	ns	ns	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node four (spaced plants)						
Mean	1.00	1.00	1.00	1.00	1.00	1.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.00
LSD/sig	0.00	ns	ns	ns	ns	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node five (spaced plants)						
Mean	1.03	1.00	1.00	1.02	1.03	1.00
Std. Deviation	0.18	0.00	0.00	0.13	0.18	0.00
LSD/sig	0.06	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node six (spaced plants)						

Mean	1.07	1.00	1.03	1.17	1.20	1.33
Std. Deviation	0.25	0.00	0.18	0.46	0.44	0.66
LSD/sig	0.26	ns	ns	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon node: length of fourth internode from stolon tip (mm)						
Mean	9.70	17.53	13.67	12.55	12.26	14.87
Std. Deviation	1.91	3.20	3.09	2.49	2.37	2.95
LSD/sig	2.74	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Stolon node: diameter of fourth internode from stolon tip (mm)						
Mean	1.58	1.78	1.65	1.81	1.49	1.58
Std. Deviation	0.23	0.32	0.24	0.30	0.19	0.19
LSD/sig	0.16	P≤0.01	ns	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Stolon node: length of sheath on fourth visible node from stolon tip (mm)						
Mean	6.90	11.30	8.49	8.49	7.13	8.04
Std. Deviation	1.44	1.33	1.08	1.04	1.38	1.14
LSD/sig	1.00	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Stolon node: length of leaf blade on fourth visible node from stolon tip (mm)						
Mean	5.90	9.23	7.58	6.48	5.57	6.83
Std. Deviation	1.14	2.36	1.46	0.97	1.17	0.91
LSD/sig	1.19	P≤0.01	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Stolon node: width of blade on fourth leaf on flowering tillers (mm)						
Mean	2.05	1.97	2.21	2.20	2.01	2.39
Std. Deviation	0.35	0.32	0.36	0.54	0.30	0.54
LSD/sig	0.27	ns	ns	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon node: length: width ratio of fourth visible node from stolon tip						
Mean	2.90	4.70	3.50	3.03	2.81	2.92
Std. Deviation	0.42	1.02	0.74	0.55	0.71	0.50
LSD/sig	0.58	P≤0.01	P≤0.01	ns	ns	ns

☑ Stolon node: length of sheath on flag leaf on flowering tillers (mm)						
Mean	25.03	52.24	41.13	44.79	36.60	48.35
Std. Deviation	5.47	6.48	7.26	6.28	6.64	8.16
LSD/sig	7.04	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
☑ Flowering tiller: length of blade on flag leaf on flowering tillers (mm)						
Mean	5.29	11.52	7.37	10.64	16.89	12.60
Std. Deviation	5.47	6.48	7.26	6.28	6.64	8.16
LSD/sig	4.88	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01
☑ Flowering tiller: length of sheath on fourth leaf on flowering tillers						
Mean	10.60	30.60	16.99	17.18	16.41	18.56
Std. Deviation	2.66	3.91	3.96	4.15	3.35	3.91
LSD/sig	3.71	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
☑ Flowering tiller: length of blade on fourth leaf on flowering tillers (mm)						
Mean	28.48	50.95	46.72	45.18	49.39	57.80
Std. Deviation	9.47	9.97	10.82	11.46	12.35	12.74
LSD/sig	12.63	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
☑ Flowering tiller: width of blade on fourth leaf on flowering tillers (mm)						
Mean	2.03	2.53	2.52	2.53	2.44	2.67
Std. Deviation	0.36	0.33	0.42	0.49	0.36	0.44
LSD/sig	0.39	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
☑ Flowering tiller: length/width ratio of fourth visible node from stolon tip						
Mean	14.60	20.50	18.86	18.02	20.59	21.67
Std. Deviation	5.01	5.06	5.11	3.75	5.42	6.21
LSD/sig	4.45	P≤0.01	ns	ns	P≤0.01	P≤0.01
☑ Inflorescence: length of peduncle (mm)						
Mean	27.68	51.24	45.33	45.28	38.55	48.20
Std. Deviation	5.60	8.99	6.45	6.98	5.17	6.23

LSD/sig	5.36	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Inflorescence: diameter of peduncle (mm)						
Mean	0.60	0.62	0.53	0.60	0.54	0.51
Std. Deviation	0.27	0.12	0.11	0.31	0.09	0.10
LSD/sig	0.19	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Spike: mean spike length						
Mean	18.34	37.38	26.70	25.75	25.55	30.58
Std. Deviation	3.30	4.06	3.52	3.17	2.35	3.81
LSD/sig	3.84	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Inflorescence: number of spikes on flowering tiller						
Mean	2.00	2.10	2.00	2.00	2.00	2.00
Std. Deviation	0.00	0.30	0.00	0.00	0.00	0.00
LSD/sig	0.00	ns	ns	ns	ns	ns
<input type="checkbox"/> Inflorescence: rating (262 days post planting)						
Mean	2.47	2.90	2.67	1.87	2.03	2.37
Std. Deviation	0.76	0.31	0.48	0.82	0.85	0.81
LSD/sig	0.86	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Sward: height (cm) (262 days post planting)						
Mean	7.34	22.06	10.85	13.97	8.23	15.24
Std. Deviation	5.72	7.68	3.59	5.86	4.52	7.25
LSD/sig	7.03	P≤0.01	ns	ns	ns	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2001	Granted	'SDX-1'

First sold in the USA in Sep 2002.

Description: **M.B. Roche & D.S. Loch**, QDPI&F Turf Research, Redlands Research Station, Cleveland, QLD.

yDetails of**Application**

Application Number	2007/272
Variety Name	'C01-43'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	16 Nov 2007
Applicant	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW.
Descriptor	Blueberry (<i>Vaccinium myrtillus</i>) TG/137/3.
Period	Aug 2006 – Oct 2007.
Conditions	Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots.
Trial Design	6 plants per variety randomly blocked in standard commercial beds.
Measurements	Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'F98-325' x pollen parent 'F96-102' in 1999 in Florida, USA. The seed parent is characterised by a medium season flowering and harvest timing and medium to large fruit diameter. The pollen parent is characterised by an early season flowering and harvest timing and medium growth vigour. 1999: fruit arising from parents sourced from Florida, USA. 6000 subsequently sown and grown on in Corindi Beach, NSW, Australia. 2001: first fruiting; growth and fruiting performances evaluated and between 1% and 3% of seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation One of these was 'C01-43', the result of a cross between 'F98-325' (seed parent) x 'F96-102' (pollen parent). 2003: 'C01-43' concluded as being of commercial value due to its distinctive traits. 2003-present: continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'C95-115'. Selection took place in Corindi Beach, NSW in 2001. Selection criteria: large fruit size, late ripening season, firm fruit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	time of ripening	late to very late
Fruit	intensity of bloom	strong
Fruit	intensity of blue colour of skin	dark/very dark
Fruit	firmness when ripe	medium/firm
Fruit	attitude of calyx	erect
Fruit	shape	flattened globose

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Southern Belle'	
'C00-09'	
'C95-12'	

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	'C01-43'	'C00-09'	'C95-12'	'Southern Belle'
<input checked="" type="checkbox"/> *Plant: growth habit	bushy	upright to bushy	upright to bushy	upright
<input type="checkbox"/> *Unripe fruit: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/> *Fruit: intensity of bloom	strong	strong	strong	strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	dark	very dark	very dark	very dark
<input checked="" type="checkbox"/> *Fruit: sweetness	medium to strong	strong	strong	weak
<input type="checkbox"/> *Fruit: acidity	very weak to weak	weak to medium	medium	weak
<input checked="" type="checkbox"/> *Time of: bud burst	early	late	medium to late	late
<input type="checkbox"/> *Time of: beginning of flowering	late	late	late to very late	late
<input type="checkbox"/> *Time of: fruit ripening	late to very late	late	late to very late	late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'C01-43'	'C00-09'	'C95-12'	'Southern Belle'
<input checked="" type="checkbox"/> Plant: growth vigour	medium	strong	strong to very strong	weak to medium
<input type="checkbox"/> Fruit: firmness when ripe	firm	firm	medium to firm	firm
<input type="checkbox"/> Fruit: shape	flattened globose	flattened globose	flattened globose	flattened globose
<input type="checkbox"/> Fruit: attitude of	erect	erect	erect	erect

calyx					
<input checked="" type="checkbox"/>	Fully developed leaf: length	medium	long	medium	medium to long
<input checked="" type="checkbox"/>	Fully developed leaf: width	medium	broad	broad	medium
<input type="checkbox"/>	Fully developed leaf: shape	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/>	Fully developed leaf: colour (RHS)	137A	137A	137A	137A
<input type="checkbox"/>	Fully developed leaf: intensity of green colour on upper side	medium	medium	medium	medium
<input type="checkbox"/>	Fully developed leaf: margin	entire	entire	entire	entire
<input type="checkbox"/>	Fully developed leaf: undulation of margin	weak	very weak to weak	very weak to weak	weak
<input type="checkbox"/>	Fully developed leaf: pubescence of upper side	absent	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: pubescence of lower side	absent	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: cross-section	flat	flat	flat	flat
<input type="checkbox"/>	Fully developed leaf: longitudinal-section	straight	straight	straight	straight
<input checked="" type="checkbox"/>	Fully developed leaf: attitude	broad acute	horizontal	horizontal	acute
<input checked="" type="checkbox"/>	Inflorescence: length of pedicel	long	very long	medium	medium
<input checked="" type="checkbox"/>	Flower: length of corolla tube	short	medium to long	short	short to medium
<input checked="" type="checkbox"/>	Flower: width of corolla tube	narrow	medium	narrow to medium	narrow
<input type="checkbox"/>	Flower: anthocyanin colouration of corolla	very weak to weak	absent or very weak	very weak to weak	absent or very weak
<input checked="" type="checkbox"/>	Flower: presence of corolla ridges	absent	present	absent	present
<input checked="" type="checkbox"/>	Flower: protrusion of stigma	present	absent	absent	absent
<input checked="" type="checkbox"/>	Fruit cluster: density	sparse	medium	medium	medium
<input checked="" type="checkbox"/>	Fruit: diameter	large	large to very large	large	large

<input checked="" type="checkbox"/>	Fruit: fresh weight (grams)	3.0	5.0	3.0	2.8
<input checked="" type="checkbox"/>	Fruit: depth of calyx basin	shallow	deep	shallow	medium
<input type="checkbox"/>	Fruit: size of scar	small	small	small	small

Statistical Table

Organ/Plant Part: Context	‘C01-43’	‘C00-09’	‘C95-12’	‘Southern Belle’
<input checked="" type="checkbox"/> Leaf: length (mm)				
Mean	50.80	67.40	50.40	57.20
Std. Deviation	3.00	4.30	3.70	3.70
LSD/sig	4.22	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)				
Mean	25.90	34.00	34.20	28.10
Std. Deviation	2.30	3.60	3.10	3.60
LSD/sig	3.63	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: length:width ratio				
Mean	1.97	1.99	1.47	2.05
Std. Deviation	0.20	0.10	0.00	0.10
LSD/sig	0.14	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Fruit: diameter (mm)				
Mean	19.40	25.40	19.40	19.00
Std. Deviation	1.90	1.70	1.10	1.10
LSD/sig	1.70	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Calyx: diameter of basin (mm)				
Mean	9.70	7.60	9.10	4.90
Std. Deviation	1.70	1.60	0.90	0.40
LSD/sig	1.46	P≤0.01	ns	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/273
Variety Name	'C97-41'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	16 Nov 2007
Applicant	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW.
Descriptor	Blueberry (<i>Vaccinium myrtillus</i>) TG/137/3.
Period	Aug 2006 – Oct 2007.
Conditions	Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots.
Trial Design	6 plants per variety randomly blocked in standard commercial beds.
Measurements	Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'F95-52' x pollen parent 'E12' in 1995 in Florida, USA. The seed parent is characterised by a medium season flowering and harvest timing and medium growth vigour. The pollen parent is characterised by an early season flowering and harvest timing and strong growth vigour. 1995: fruit arising from parents sourced from Florida, USA. 6000 subsequently sown and grown on in Corindi Beach, NSW, Australia. 1997: first fruiting; growth and fruiting performances evaluated and between 1% and 3% of seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation. One of these was 'C97-41', the result of a cross between 'F95-52' (seed parent) x 'E12' (pollen parent). 1999: 'C97-41' concluded as being of commercial value due to its distinctive traits. 1999-present: continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'C97-41'. Selection took place in Corindi Beach, NSW in 1997. Selection criteria: very strong growth vigour, early-mid season ripening, medium to firm fruit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time of flowering	early
Plant	growth habit	bushy
Fruit	intensity of blue colour of skin	very dark
Fruit	firmness when ripe	medium to firm
Fruit	attitude of calyx	erect
Fruit	diameter	large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sweetcrisp'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'C00-09'	fruit diameter	large	very large
'C00-09'	fruit time of ripening	early to medium	late
'C01-43'	fruit time of ripening	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	'C97-41'	'Sweetcrisp'
<input type="checkbox"/> *Plant: growth habit	bushy	bushy
<input type="checkbox"/> *Unripe fruit: intensity of green colour	medium	medium
<input checked="" type="checkbox"/> *Fruit: intensity of bloom	strong	medium
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	very dark	very dark
<input checked="" type="checkbox"/> *Fruit: sweetness	medium	strong to very strong
<input checked="" type="checkbox"/> *Fruit: acidity	weak to medium	very weak
<input type="checkbox"/> *Time of: bud burst	early to medium	early
<input type="checkbox"/> *Time of: beginning of flowering	early	early
<input type="checkbox"/> *Time of: fruit ripening	early to medium	medium to late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'C97-41'	'Sweetcrisp'
<input type="checkbox"/> Plant: growth vigour	strong	medium to strong
<input type="checkbox"/> Fruit: firmness when ripe	medium to firm	firm
<input checked="" type="checkbox"/> Fruit: shape	flattened globose	globose
<input type="checkbox"/> Fruit: attitude of calyx	erect	erect
<input checked="" type="checkbox"/> Fully developed leaf: length	long	medium

<input checked="" type="checkbox"/>	Fully developed leaf: width	broad	medium
<input type="checkbox"/>	Fully developed leaf: shape	elliptic	elliptic
<input type="checkbox"/>	Fully developed leaf: colour (RHS)	137A	137A
<input type="checkbox"/>	Fully developed leaf: intensity of green colour on upper side	medium	medium
<input type="checkbox"/>	Fully developed leaf: margin	entire	entire
<input type="checkbox"/>	Fully developed leaf: undulation of margin	weak	weak
<input type="checkbox"/>	Fully developed leaf: pubescence of upper side	absent	absent
<input type="checkbox"/>	Fully developed leaf: pubescence of lower side	absent	absent
<input type="checkbox"/>	Fully developed leaf: cross-section	flat	flat
<input type="checkbox"/>	Fully developed leaf: longitudinal-section	straight	straight
<input type="checkbox"/>	Fully developed leaf: attitude	horizontal	horizontal
<input checked="" type="checkbox"/>	Inflorescence: length of pedicel	long	medium
<input type="checkbox"/>	Flower: length of corolla tube	short to medium	medium
<input type="checkbox"/>	Flower: width of corolla tube	narrow to medium	narrow to medium
<input type="checkbox"/>	Flower: anthocyanin colouration of corolla	very weak to weak	absent or very weak
<input type="checkbox"/>	Flower: presence of corolla ridges	present	present
<input type="checkbox"/>	Flower: protrusion of stigma	absent	absent
<input type="checkbox"/>	Fruit cluster: density	sparse	sparse
<input type="checkbox"/>	Fruit: diameter	large	large
<input type="checkbox"/>	Fruit: fresh weight (grams)	2.8	3.4
<input type="checkbox"/>	Fruit: depth of calyx basin	medium	medium
<input checked="" type="checkbox"/>	Fruit: size of scar	very small	small

Statistical Table

Organ/Plant Part: Context	‘C97-41’	‘Sweetcrisp’
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	67.60	54.30
Std. Deviation	5.10	3.60
LSD/sig	4.57	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	33.90	29.30
Std. Deviation	3.30	1.70
LSD/sig	2.86	P≤0.01
<input type="checkbox"/> Leaf: length:width ratio		
Mean	2.00	1.85
Std. Deviation	0.20	0.10

LSD/sig	0.15	ns
<input type="checkbox"/> Fruit: diameter (mm)		
Mean	18.60	18.60
Std. Deviation	1.60	1.20
LSD/sig	1.78	ns
<input type="checkbox"/> Calyx: diameter of basin (mm)		
Mean	6.22	6.60
Std. Deviation	0.60	0.30
LSD/sig	1.21	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/266
Variety Name	'FL92-84'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	10 Dec 2007
Applicant	Florida Foundation Seed Producers, Inc, Greenwood, FL, USA
Agent	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW.
Descriptor	Blueberry (<i>Vaccinium myrtillus</i>) TG/137/3.
Period	Aug 2006 – Oct 2007.
Conditions	Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots.
Trial Design	6 plants per variety randomly blocked in standard commercial beds.
Measurements	Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'O'Neal' x pollen parent 'FL87-286' in 1988 in Florida, USA. The seed parent is characterised by a high chilling requirement, low fruit yield and weak leaf growth in spring. The pollen parent is characterised by an early to medium season flowering and harvest timing and medium fruit diameter. 1988: controlled pollination. 1990: first fruiting; 1992-2000: growth and fruiting performances evaluated and commercial propagation and merit tested. 1999: large scale test planting; concluded as being of commercial value due to its distinctive traits. 1999-present: continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'FL92-84'. Selection took place in Gainesville, Florida, USA in 1990. Selection criteria: early season, large berry size, excellent picking scar, strong firmness, low chilling requirement, easy detachment from stem when picking. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Paul Lyrene, Gainesville, 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
Fruit	time of ripening	medium
Fruit	diameter	large
Fruit	intensity of blue colour of skin	very dark
Fruit	shape	globose
Fruit	attitude of calyx	erect

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'FL88-53'	also known as 'Windsor'.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'C97-390'	fruit	time of ripening medium	very early

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

Organ/Plant Part: Context	'FL92-84'	'FL88-53'
<input type="checkbox"/> *Plant: growth habit	upright to bushy	bushy
<input checked="" type="checkbox"/> *Unripe fruit: intensity of green colour	light	medium
<input checked="" type="checkbox"/> *Fruit: intensity of bloom	strong	medium
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	very dark	very dark
<input type="checkbox"/> *Fruit: sweetness	medium	medium to strong
<input type="checkbox"/> *Fruit: acidity	medium	weak to medium
<input checked="" type="checkbox"/> *Time of: bud burst	late to very late	early to medium
<input type="checkbox"/> *Time of: beginning of flowering	medium to late	medium
<input type="checkbox"/> *Time of: fruit ripening	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'FL92-84'	'FL88-53'
<input type="checkbox"/> Plant: growth vigour	medium	weak to medium
<input checked="" type="checkbox"/> Fruit: firmness when ripe	firm	medium
<input type="checkbox"/> Fruit: shape	globose	globose
<input type="checkbox"/> Fruit: attitude of calyx	erect	erect
<input type="checkbox"/> Fully developed leaf: length	medium	medium
<input type="checkbox"/> Fully developed leaf: width	medium	medium
<input type="checkbox"/> Fully developed leaf: shape	elliptic	elliptic

<input checked="" type="checkbox"/>	Fully developed leaf: colour (RHS)	147A	ca 139A
<input type="checkbox"/>	Fully developed leaf: intensity of green colour on upper side	dark	dark
<input type="checkbox"/>	Fully developed leaf: margin	entire	entire
<input type="checkbox"/>	Fully developed leaf: undulation of margin	weak	weak
<input type="checkbox"/>	Fully developed leaf: pubescence of upper side	absent	absent
<input type="checkbox"/>	Fully developed leaf: pubescence of lower side	absent	absent
<input type="checkbox"/>	Fully developed leaf: cross-section	flat	flat
<input type="checkbox"/>	Fully developed leaf: longitudinal-section	straight	straight
<input type="checkbox"/>	Fully developed leaf: attitude	horizontal	horizontal
<input type="checkbox"/>	Inflorescence: length of pedicel	medium	medium
<input type="checkbox"/>	Flower: length of corolla tube	medium	medium
<input type="checkbox"/>	Flower: width of corolla tube	narrow to medium	medium
<input type="checkbox"/>	Flower: anthocyanin colouration of corolla	absent or very weak	absent or very weak
<input type="checkbox"/>	Flower: presence of corolla ridges	present	present
<input type="checkbox"/>	Flower: protrusion of stigma	absent	absent
<input checked="" type="checkbox"/>	Fruit cluster: density	sparse	medium
<input type="checkbox"/>	Fruit: diameter	large	large
<input type="checkbox"/>	Fruit: fresh weight (grams)	2.8	3.2
<input checked="" type="checkbox"/>	Fruit: depth of calyx basin	medium	deep
<input checked="" type="checkbox"/>	Fruit: size of scar	very small	small to medium

Statistical Table

Organ/Plant Part: Context	‘FL92-84’	‘FL88-53’
<input type="checkbox"/> Leaf: length (mm)		
Mean	53.00	55.50
Std. Deviation	5.10	7.30
LSD/sig	7.17	ns
<input type="checkbox"/> Leaf: width (mm)		
Mean	26.10	26.90
Std. Deviation	4.10	3.40
LSD/sig	4.29	ns
<input type="checkbox"/> Leaf: length:width ratio		
Mean	2.05	2.07
Std. Deviation	0.20	0.10
LSD/sig	0.22	ns
<input checked="" type="checkbox"/> Fruit: diameter (mm)		
Mean	18.10	19.70

Std. Deviation	0.90	1.20
LSD/sig	1.22	P≤0.01
<input checked="" type="checkbox"/> Calyx: diameter of basin (mm)		
Mean	6.20	8.20
Std. Deviation	0.40	0.60
LSD/sig	0.55	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2005	Applied	'Primadonna'

First sold in USA in Feb 2006.

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

Details of Application

Application Number	2007/271
Variety Name	'C95-12'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	16 Nov 2007
Applicant	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW.
Descriptor	Blueberry (<i>Vaccinium myrtillus</i>) TG/137/3.
Period	Aug 2006 – Oct 2007.
Conditions	Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots.
Trial Design	6 plants per variety randomly blocked in standard commercial beds.
Measurements	Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'F93-29' x pollen parent 'F84-35' in 1993 in Florida, USA. The seed parent is characterised by a medium season flowering and harvest timing and medium fruit diameter. The pollen parent is characterised by a medium season flowering and harvest timing and medium growth vigour. 1995: fruit arising from parents sourced from Florida, USA. 6000 subsequently sown and grown on in Corindi Beach, NSW, Australia. 1995: first fruiting; growth and fruiting performances evaluated and between 1% and 3% of seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation. One of these was 'C95-12', the result of a cross between 'F93-29' (seed parent) x 'F84-35' (pollen parent). 1997: 'C95-12' concluded as being of commercial value due to its distinctive traits. 1997-present: continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'C95-115'. Selection took place in Corindi Beach, NSW in 1995. Selection criteria: very strong growth vigour, good fruit flavour, tight fruit clusters, late season ripening. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	time of ripening	late
Fruit	intensity of bloom	strong
Fruit	intensity of blue colour of skin	very dark
Fruit	firmness when ripe	medium/firm
Fruit	attitude of calyx	erect
Fruit	shape	flattened globose

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Southern Belle'	
'Emerald'	
'C00-09'	

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	'C95-12'	'C00-09'	'Emerald'	'Southern Belle'
<input type="checkbox"/> *Plant: growth habit	upright to bushy	upright to bushy	bushy to spreading	bushy
<input type="checkbox"/> *Unripe fruit: intensity of green colour	medium	medium	light to medium	medium
<input type="checkbox"/> *Fruit: intensity of bloom	strong	strong	strong	strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	very dark	very dark	very dark	very dark
<input checked="" type="checkbox"/> *Fruit: sweetness	strong	strong	weak to medium	weak
<input checked="" type="checkbox"/> *Fruit: acidity	medium	weak to medium	weak to medium	weak
<input type="checkbox"/> *Time of: bud burst	medium to late	late	early to medium	late
<input checked="" type="checkbox"/> *Time of: beginning of flowering	late to very late	late	early to medium	late
<input type="checkbox"/> *Time of: fruit ripening	late to very late	late	medium to late	late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'C95-12'	'C00-09'	'Emerald'	'Southern Belle'
<input checked="" type="checkbox"/> Plant: growth vigour	strong to very strong	strong	strong	weak to medium
<input type="checkbox"/> Fruit: firmness when ripe	medium to firm	firm	firm	firm
<input type="checkbox"/> Fruit: shape	flattened globose	flattened globose	flattened globose	flattened globose

<input type="checkbox"/>	Fruit: attitude of calyx	erect	erect	erect	erect
<input checked="" type="checkbox"/>	Fully developed leaf: length	medium	long	medium	medium to long
<input checked="" type="checkbox"/>	Fully developed leaf: width	broad	broad	broad	medium
<input type="checkbox"/>	Fully developed leaf: shape	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/>	Fully developed leaf: colour (RHS)	137A	137A	137A	137A
<input type="checkbox"/>	Fully developed leaf: intensity of green colour on upper side	medium	medium	medium	medium
<input type="checkbox"/>	Fully developed leaf: margin	entire	entire	entire	entire
<input type="checkbox"/>	Fully developed leaf: undulation of margin	absent or very weak	very weak to weak	weak	weak
<input type="checkbox"/>	Fully developed leaf: pubescence of upper side	absent	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: pubescence of lower side	absent	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: cross-section	flat	flat	flat	flat
<input type="checkbox"/>	Fully developed leaf: longitudinal-section	straight	straight	straight	straight
<input type="checkbox"/>	Fully developed leaf: attitude	horizontal	horizontal	horizontal	acute
<input checked="" type="checkbox"/>	Inflorescence: length of pedicel	medium	very long	medium	medium
<input checked="" type="checkbox"/>	Flower: length of corolla tube	short to medium	long	medium	medium
<input type="checkbox"/>	Flower: width of corolla tube	narrow to medium	medium	narrow to medium	narrow
<input type="checkbox"/>	Flower: anthocyanin colouration of corolla	absent or very weak			
<input checked="" type="checkbox"/>	Flower: presence of corolla ridges	absent	present	present	present
<input checked="" type="checkbox"/>	Flower: protrusion of stigma	absent	absent	present	absent
<input checked="" type="checkbox"/>	Fruit cluster: density	dense	medium	dense	medium

<input type="checkbox"/>	Fruit: diameter	large	large to very large	large	large
<input type="checkbox"/>	Fruit: fresh weight (grams)	3.0	5.0	3.2	2.8
<input checked="" type="checkbox"/>	Fruit: depth of calyx basin	shallow	deep	medium	medium
<input type="checkbox"/>	Fruit: size of scar	small	small	small	small

Statistical Table

Organ/Plant Part: Context	‘C95-12’	‘C00-09’	‘Emerald’	‘Southern Belle’
<input checked="" type="checkbox"/> Leaf: length (mm)				
Mean	50.40	67.40	54.40	57.20
Std. Deviation	3.70	4.30	2.90	3.70
LSD/sig	4.21	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)				
Mean	34.20	34.00	32.50	28.10
Std. Deviation	3.10	3.60	2.60	3.60
LSD/sig	3.70	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: length:width ratio				
Mean	1.47	1.99	1.68	2.05
Std. Deviation	0.00	0.10	0.10	0.10
LSD/sig	0.14	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: diameter (mm)				
Mean	19.40	23.60	19.70	19.00
Std. Deviation	1.10	1.70	1.20	1.10
LSD/sig	1.50	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Calyx: diameter of basin (mm)				
Mean	9.10	7.60	9.00	4.90
Std. Deviation	0.90	1.60	3.80	0.40
LSD/sig	2.43	ns	ns	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/270
Variety Name	'C95-115'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	16 Nov 2007
Applicant	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW.
Descriptor	Blueberry (<i>Vaccinium myrtillus</i>) TG/137/3.
Period	Aug 2006 – Oct 2007.
Conditions	Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots.
Trial Design	6 plants per variety randomly blocked in standard commercial beds.
Measurements	Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'F93-57' x pollen parent 'F93-36' in 1993 in Florida, USA. The seed parent is characterised by a medium season flowering and harvest timing and medium to large fruit diameter. The pollen parent is characterised by an early season flowering and harvest timing and medium growth vigour. 1995: fruit arising from parents sourced from Florida, USA. 6000 subsequently sown and grown on in Corindi Beach, NSW, Australia. 1995: first fruiting; growth and fruiting performances evaluated and between 1% and 3% of seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation. One of these was C95-115, the result of a cross between F93-57 (seed parent) x F93-36 (pollen parent). 1997: C95-115 concluded as being of commercial value due to its distinctive traits. 1997-present: continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'C95-115'. Selection took place in Corindi Beach, NSW in 1995. Selection criteria: very large fruit size, high yielding, strong growth vigour. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	time of ripening	early to medium
Fruit	intensity of bloom	strong
Fruit	intensity of blue colour of skin	very dark
Fruit	firmness when ripe	medium to firm
Fruit	attitude of calyx	erect
Fruit	diameter	large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'F88-53'	commercial variety known as 'Windsor'
'C97-41'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Springhigh'	Fruit timing of ripening	early to medium	very early

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

Organ/Plant Part: Context	'C95-115'	'C97-41'	'F88-53'
<input checked="" type="checkbox"/> *Plant: growth habit	upright	bushy	bushy
<input type="checkbox"/> *Unripe fruit: intensity of green colour	medium	medium	medium
<input type="checkbox"/> *Fruit: intensity of bloom	strong	strong	medium
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	very dark	very dark	very dark
<input checked="" type="checkbox"/> *Fruit: sweetness	weak	medium	medium to strong
<input checked="" type="checkbox"/> *Fruit: acidity	strong	weak to medium	weak to medium
<input checked="" type="checkbox"/> *Time of: bud burst	late	early to medium	early to medium
<input type="checkbox"/> *Time of: beginning of flowering	early to medium	early	medium
<input type="checkbox"/> *Time of: fruit ripening	early to medium	early to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'C95-115'	'C97-41'	'F88-53'
<input checked="" type="checkbox"/> Plant: growth vigour	very strong	strong	weak to medium
<input checked="" type="checkbox"/> Fruit: shape	flattened globose	flattened globose	globose
<input type="checkbox"/> Fruit: attitude of calyx	erect	erect	erect
<input checked="" type="checkbox"/> Fully developed leaf: length	long	long	medium
<input checked="" type="checkbox"/> Fully developed leaf: width	broad	broad	medium
<input type="checkbox"/> Fully developed leaf: shape	elliptic	elliptic	elliptic

<input type="checkbox"/>	Fully developed leaf: colour (RHS)	137A	137A	ca 139A
<input checked="" type="checkbox"/>	Fully developed leaf: intensity of green colour on upper side	medium	medium	dark
<input type="checkbox"/>	Fully developed leaf: margin	entire	entire	entire
<input checked="" type="checkbox"/>	Fully developed leaf: undulation of margin	absent or very weak	weak	weak
<input type="checkbox"/>	Fully developed leaf: pubescence of upper side	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: pubescence of lower side	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: cross-section	flat	flat	flat
<input type="checkbox"/>	Fully developed leaf: longitudinal-section	straight	straight	straight
<input type="checkbox"/>	Fully developed leaf: attitude	horizontal	horizontal	horizontal
<input checked="" type="checkbox"/>	Inflorescence: length of pedicel	long	long	medium
<input type="checkbox"/>	Flower: length of corolla tube	medium	medium to long	medium
<input type="checkbox"/>	Flower: width of corolla tube	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/>	Flower: anthocyanin colouration of corolla	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Flower: presence of corolla ridges	present	present	present
<input type="checkbox"/>	Flower: protrusion of stigma	absent	absent	absent
<input checked="" type="checkbox"/>	Fruit cluster: density	sparse	sparse	medium
<input type="checkbox"/>	Fruit: diameter	large	large	large
<input type="checkbox"/>	Fruit: fresh weight (grams)	3.2	2.8	3.2
<input checked="" type="checkbox"/>	Fruit: size of scar	small	very small	small to medium
<input type="checkbox"/>	Fruit: firmness when ripe	medium to firm	medium to firm	medium

Statistical Table

Organ/Plant Part: Context	‘C95-115’	‘C97-41’	‘F88-53’
<input type="checkbox"/> Leaf: length (mm)			
Mean	63.70	67.60	55.50
Std. Deviation	9.20	5.10	7.30
LSD/sig	8.44	ns	ns
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	34.40	33.90	26.90
Std. Deviation	4.30	3.30	3.40
LSD/sig	4.23	ns	P≤0.01
<input checked="" type="checkbox"/> leaf: length:width ratio			
Mean	1.85	2.00	2.07

Std. Deviation	0.10	0.20	0.10
LSD/sig	0.15	ns	P≤0.01
<input type="checkbox"/> Fruit: diameter (mm)			
Mean	19.80	18.60	19.70
Std. Deviation	1.10	1.60	1.20
LSD/sig	1.50	ns	ns
<input checked="" type="checkbox"/> Calyx: diameter of basin (mm)			
Mean	6.80	6.20	8.20
Std. Deviation	0.90	0.60	0.60
LSD/sig	0.83	ns	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/269
Variety Name	'C00-09'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	16 Nov 2007
Applicant	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW.
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW.
Descriptor	Blueberry (<i>Vaccinium myrtillus</i>) TG/137/3.
Period	Aug 2006 – Oct 2007.
Conditions	Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots.
Trial Design	6 plants per variety randomly blocked in standard commercial beds.
Measurements	Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'F92-52' x pollen parent 'F84-35' in 1998 in Florida, USA. The seed parent is characterised by a medium season flowering and harvest timing and medium fruit diameter. The pollen parent is characterised by a medium season flowering and harvest timing. 1998: fruit arising from parents sourced from Florida, USA. 6000 subsequently sown and grown on in Corindi Beach, NSW, Australia. 2000: first fruiting; growth and fruiting performances evaluated and between 1% and 3% of seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation. One of these was 'C00-09', the result of a cross between 'F92-52' (seed parent) x 'F84-35' (pollen parent). 2002: 'C00-09' concluded as being of commercial value due to its distinctive traits. 2002 – present: Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'C00-09'. Selection took place in Corindi Beach, NSW in 2002. Selection criteria: late harvest time, large fruit size, firmness, colour and picking scar. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	time of ripening	late/medium
Fruit	intensity of bloom	strong
Fruit	intensity of blue colour of skin	very dark
Fruit	firmness when ripe	firm
Fruit	attitude of calyx	erect

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jewel'	
'Southern Belle'	
'Emerald'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Sweetcrisp'	Fruit time of ripening	late	early to medium

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

Organ/Plant Part: Context	'C00-09'	'Emerald'	'Jewel'	'Southern Belle'
<input checked="" type="checkbox"/> *Plant: growth habit	upright to bushy	bushy to spreading	bushy to spreading	upright
<input checked="" type="checkbox"/> *Unripe fruit: intensity of green colour	medium	medium	light	medium
<input type="checkbox"/> *Fruit: intensity of bloom	strong	strong	strong	strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	very dark	very dark	very dark	very dark
<input checked="" type="checkbox"/> *Fruit: sweetness	strong	weak to medium	weak	weak
<input checked="" type="checkbox"/> *Fruit: acidity	weak to medium	weak to medium	strong to very strong	weak
<input checked="" type="checkbox"/> *Time of: bud burst	late	early to medium	medium	late
<input checked="" type="checkbox"/> *Time of: beginning of flowering	late	early to medium	early to medium	late
<input type="checkbox"/> *Time of: fruit ripening	late	medium to late	medium	late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'C00-09'	'Emerald'	'Jewel'	'Southern Belle'
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<input checked="" type="checkbox"/>	Plant: growth vigour	strong	strong	medium to strong	weak to medium
<input type="checkbox"/>	Fruit: firmness when ripe	firm	firm	firm	firm
<input checked="" type="checkbox"/>	Fruit: shape	flattened globose	flattened globose	globose	flattened globose
<input type="checkbox"/>	Fruit: attitude of calyx	erect	erect	erect	erect
<input checked="" type="checkbox"/>	Fully developed leaf: length	long	medium	medium	medium to long
<input checked="" type="checkbox"/>	Fully developed leaf: width	broad	broad	narrow	medium
<input type="checkbox"/>	Fully developed leaf: shape	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/>	Fully developed leaf: colour (RHS)	137A	137A	137A	137A
<input type="checkbox"/>	Fully developed leaf: intensity of green colour on upper side	medium	medium	medium	medium
<input type="checkbox"/>	Fully developed leaf: margin	entire	entire	entire	entire
<input type="checkbox"/>	Fully developed leaf: undulation of margin	absent or very weak	weak	very weak to weak	weak
<input type="checkbox"/>	Fully developed leaf: pubescence of upper side	absent	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: pubescence of lower side	absent	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: cross-section	flat	flat	flat	flat
<input type="checkbox"/>	Fully developed leaf: longitudinal-section	straight	straight	straight	straight
<input checked="" type="checkbox"/>	Fully developed leaf: attitude	horizontal	horizontal	horizontal	acute
<input checked="" type="checkbox"/>	Inflorescence: length of pedicel	very long	medium	long	medium
<input type="checkbox"/>	Flower: length of corolla tube	medium to long	medium	medium	medium
<input checked="" type="checkbox"/>	Flower: width of corolla tube	medium to broad	narrow to medium	narrow	narrow to medium
<input type="checkbox"/>	Flower: anthocyanin colouration of corolla	absent or very weak			
<input checked="" type="checkbox"/>	Flower: presence of	present	present	absent	present

corolla ridges

<input checked="" type="checkbox"/>	Flower: protrusion of stigma	absent	present	present	absent
<input checked="" type="checkbox"/>	Fruit cluster: density	medium	dense	medium	medium
<input checked="" type="checkbox"/>	Fruit: diameter	large to very large	large	medium to large	large
<input type="checkbox"/>	Fruit: fresh weight (grams)	5.0	3.2	2.6	2.8
<input checked="" type="checkbox"/>	Fruit: depth of calyx basin	deep	medium	medium	medium
<input type="checkbox"/>	Fruit: size of scar	small	small	small	small

Statistical Table

Organ/Plant Part: Context	‘C00-09’	‘Emerald’	‘Jewel’	‘Southern Belle’
<input checked="" type="checkbox"/> Leaf: length (mm)				
Mean	67.40	54.40	51.00	57.20
Std. Deviation	4.30	2.90	5.60	3.70
LSD/sig	4.20	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)				
Mean	34.00	32.50	22.90	28.10
Std. Deviation	3.60	2.60	2.50	3.60
LSD/sig	3.74	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: length:width ratio (mm)				
Mean	1.99	1.68	2.23	2.10
Std. Deviation	0.10	0.10	0.10	0.10
LSD/sig	0.16	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Fruit: diameter (mm)				
Mean	23.60	19.70	17.40	19.00
Std. Deviation	1.70	1.20	1.20	1.10
LSD/sig	1.57	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Calyx: diameter of basin (mm)				
Mean	7.60	9.00	5.80	4.90
Std. Deviation	1.60	3.80	0.70	0.40
LSD/sig	2.73	ns	ns	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/262
Variety Name	'Sweetcrisp'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	10 Dec 2007
Applicant	Florida Foundation Seed Producers, Inc, Greenwood, FL, USA
Agent	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW.
Descriptor	Blueberry (<i>Vaccinium myrtillus</i>) TG/137/3.
Period	Aug 2006 – Oct 2007.
Conditions	Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots.
Trial Design	6 plants per variety randomly blocked in standard commercial beds.
Measurements	Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'Southern Belle' x pollen parent 'FL95-3' in 1998 in Florida, USA. The seed parent is characterised by a late season flowering and harvest timing and large fruit diameter. The pollen parent is characterised by an early season flowering and harvest timing and medium growth vigour. 1996: controlled pollination. 1998-2003: first fruiting; growth and fruiting performances evaluated and commercial propagation and merit tested. 2004: large scale test planting; concluded as being of commercial value due to its distinctive traits. 2004-present: continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'Sweetcrisp'. Selection took place in Gainesville, Florida, USA in 1998. Selection criteria: strong growth vigour, early leafing, very low chilling requirement, early ripening, firm berries with good picking qualities. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Paul Lyrene, Gainesville, 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	bushy
Fruit	time of ripening	medium to late
Fruit	shape	globose
Fruit	attitude of calyx	erect
Fruit	diameter	large
Fruit	depth of calyx basin	medium
Fruit	firmness when ripe	firm

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jewel'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Biloxi'	Fruit diameter	large	small
'Abundance'	plant growth habit	bushy	upright
'C97-390'	fruit time of ripening	medium-late	very early-early
'C99-42'	fruit time of ripening	medium-late	early

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

Organ/Plant Part: Context	'Sweetcrisp'	'Jewel'
<input type="checkbox"/> *Plant: growth habit	bushy	bushy
<input checked="" type="checkbox"/> *Unripe fruit: intensity of green colour	medium	light
<input checked="" type="checkbox"/> *Fruit: intensity of bloom	weak to medium	strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	very dark	very dark
<input checked="" type="checkbox"/> *Fruit: sweetness	strong to very strong	weak
<input checked="" type="checkbox"/> *Fruit: acidity	very weak	strong to very strong
<input checked="" type="checkbox"/> *Time of: bud burst	early	medium
<input type="checkbox"/> *Time of: beginning of flowering	early	early to medium
<input type="checkbox"/> *Time of: fruit ripening	medium to late	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sweetcrisp'	'Jewel'
<input type="checkbox"/> Plant: growth vigour	medium to strong	medium to strong
<input type="checkbox"/> Fruit: firmness when ripe	firm	firm
<input type="checkbox"/> Fruit: shape	globose	globose
<input type="checkbox"/> Fruit: attitude of calyx	erect	erect

<input type="checkbox"/>	Fully developed leaf: length	medium	medium
<input type="checkbox"/>	Fully developed leaf: width	medium	narrow
<input type="checkbox"/>	Fully developed leaf: shape	elliptic	elliptic
<input type="checkbox"/>	Fully developed leaf: colour (RHS)	137A	137A
<input type="checkbox"/>	Fully developed leaf: intensity of green colour on upper side	medium	medium
<input type="checkbox"/>	Fully developed leaf: margin	entire	entire
<input type="checkbox"/>	Fully developed leaf: undulation of margin	weak	very weak to weak
<input type="checkbox"/>	Fully developed leaf: pubescence of upper side	absent	absent
<input type="checkbox"/>	Fully developed leaf: pubescence of lower side	absent	absent
<input type="checkbox"/>	Fully developed leaf: cross-section	flat	flat
<input type="checkbox"/>	Fully developed leaf: longitudinal-section	straight	straight
<input type="checkbox"/>	Fully developed leaf: attitude	horizontal	horizontal
<input checked="" type="checkbox"/>	Inflorescence: length of pedicel	medium	long
<input type="checkbox"/>	Flower: length of corolla tube	short to medium	short to medium
<input type="checkbox"/>	Flower: width of corolla tube	narrow to medium	narrow to medium
<input type="checkbox"/>	Flower: anthocyanin colouration of corolla	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Flower: presence of corolla ridges	present	absent
<input checked="" type="checkbox"/>	Flower: protrusion of stigma	absent	present
<input checked="" type="checkbox"/>	Fruit cluster: density	sparse	medium
<input type="checkbox"/>	Fruit: diameter	large	large
<input type="checkbox"/>	Fruit: fresh weight (grams)	3.4	2.6
<input type="checkbox"/>	Fruit: depth of calyx basin	medium	medium
<input type="checkbox"/>	Fruit: size of scar	small	small

Statistical Table

Organ/Plant Part: Context	‘Sweetcrisp’	‘Jewel’
<input type="checkbox"/> Leaf: length (mm)		
Mean	54.30	51.00
Std. Deviation	3.60	5.60
LSD/sig	5.35	ns
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	29.30	22.90
Std. Deviation	1.70	2.50
LSD/sig	2.44	P≤0.01
<input checked="" type="checkbox"/> Leaf: length:width ratio		

Mean	1.85	2.23
Std. Deviation	0.10	0.10
LSD/sig	0.08	P≤0.01
<input type="checkbox"/> Fruit: diameter (mm)		
Mean	18.60	17.40
Std. Deviation	1.20	1.20
LSD/sig	1.39	ns
<input checked="" type="checkbox"/> Calyx: diameter of basin (mm)		
Mean	6.60	5.80
Std. Deviation	0.30	0.70
LSD/sig	0.59	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2005	Applied	'Sweetcrisp'

First sold in USA in Mar 2006.

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

Details of Application

Application Number	2007/263
Variety Name	'Springhigh'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	10 Dec 2007
Applicant	Florida Foundation Seed Producers, Inc, Greenwood, FL, USA
Agent	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW.
Descriptor	Blueberry (<i>Vaccinium myrtillus</i>) TG/137/3.
Period	Aug 2006 – Oct 2007.
Conditions	Trial conducted in standard commercial field production conditions, plants propagated from cuttings, planted into field from 125mm pots.
Trial Design	6 plants per variety randomly blocked in standard commercial beds.
Measurements	Fruit and leaf observations from 4 plants with 20 ripe fruit randomly picked and measurements taken from 10 of these fruit at random. Leaf observations from largest mature leaf on a branch.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: seed parent 'FL91-226' x pollen parent 'Southmoon' in 1993 in Florida, USA. The seed parent is characterised by a medium fruit diameter, medium fruit firmness and bushy-spreading growth habit. The pollen parent is characterised by a medium season flowering timing and medium blue fruit colour and medium fruit diameter. 1993: controlled pollination. 1995-present: first fruiting; growth and fruiting performances evaluated and commercial propagation and merit tested; large scale test planting; concluded as being of commercial value due to its distinctive traits; Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'Sweetcrisp'. Selection took place in Gainesville, Florida, USA in 1995. Selection criteria: early season, strong upright growth habit, low chilling requirement, large firm berries with good picking qualities. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Paul Lyrene, Gainesville, 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
Fruit	time of ripening	early to medium
Fruit	attitude of calyx	erect
Plant	growth habit	upright to bushy
Fruit	intensity of bloom	strong
Fruit	intensity of blue colour of skin	very dark
Fruit	diameter	large
Fruit	depth of calyx basin	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'FL92-84'	Commercially known as Primadonna.
'C97-41'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'C97-390'	fruit time of ripening	early to medium	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	'Springhigh'	'C97-41'	'FL92-84'
<input type="checkbox"/> *Plant: growth habit	upright to bushy	bushy	upright to bushy
<input checked="" type="checkbox"/> *Unripe fruit: intensity of green colour	light	medium	light
<input type="checkbox"/> *Fruit: intensity of bloom	strong	strong	strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	very dark	very dark	very dark
<input type="checkbox"/> *Fruit: sweetness	medium	medium	medium
<input checked="" type="checkbox"/> *Fruit: acidity	weak	weak to medium	medium
<input checked="" type="checkbox"/> *Time of: bud burst	medium	early to medium	late to very late
<input checked="" type="checkbox"/> *Time of: beginning of flowering	early to medium	early	medium to late
<input type="checkbox"/> *Time of: fruit ripening	early to medium	early to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Springhigh'	'C97-41'	'FL92-84'
<input checked="" type="checkbox"/> Plant: growth vigour	strong	strong	medium
<input type="checkbox"/> Fruit: firmness when ripe	firm	medium to firm	medium to firm
<input checked="" type="checkbox"/> Fruit: shape	flattened globose	flattened globose	globose
<input type="checkbox"/> Fruit: attitude of calyx	erect	erect	erect
<input type="checkbox"/> Fully developed leaf: length	medium to long	long	medium
<input checked="" type="checkbox"/> Fully developed leaf: width	medium	broad	medium

<input type="checkbox"/>	Fully developed leaf: shape	elliptic	elliptic	elliptic
<input checked="" type="checkbox"/>	Fully developed leaf: colour (RHS)	137A	137A	147A
<input type="checkbox"/>	Fully developed leaf: intensity of green colour on upper side	medium	medium	dark
<input type="checkbox"/>	Fully developed leaf: margin	entire	entire	entire
<input type="checkbox"/>	Fully developed leaf: undulation of margin	very weak to weak	weak	weak
<input type="checkbox"/>	Fully developed leaf: pubescence of upper side	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: pubescence of lower side	absent	absent	absent
<input type="checkbox"/>	Fully developed leaf: cross-section	flat	flat	flat
<input type="checkbox"/>	Fully developed leaf: longitudinal-section	straight	straight	straight
<input type="checkbox"/>	Fully developed leaf: attitude	horizontal	horizontal	horizontal
<input checked="" type="checkbox"/>	Inflorescence: length of pedicel	medium	long	medium
<input type="checkbox"/>	Flower: length of corolla tube	medium	medium to long	medium
<input type="checkbox"/>	Flower: width of corolla tube	narrow	narrow to medium	narrow to medium
<input type="checkbox"/>	Flower: anthocyanin colouration of corolla	absent or very weak	very weak to weak	absent or very weak
<input type="checkbox"/>	Flower: presence of corolla ridges	present	present	present
<input checked="" type="checkbox"/>	Flower: protrusion of stigma	present	absent	absent
<input checked="" type="checkbox"/>	Fruit cluster: density	medium	sparse	sparse
<input type="checkbox"/>	Fruit: diameter	large	large	large
<input type="checkbox"/>	Fruit: fresh weight (grams)	3.2	2.8	2.8
<input type="checkbox"/>	Fruit: depth of calyx basin	medium	medium	medium
<input type="checkbox"/>	Fruit: size of scar	small	very small	very small

Statistical Table

Organ/Plant Part: Context	'Springhigh'	'C97-41'	'FL92-84'
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	59.10	67.60	53.00
Std. Deviation	3.00	5.10	5.10
LSD/sig	5.17	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	27.90	33.90	26.10
Std. Deviation	3.30	3.30	4.10
LSD/sig	4.06	P≤0.01	ns

<input type="checkbox"/> Leaf: length:width ratio			
Mean	2.14	2.00	2.05
Std. Deviation	0.20	0.20	0.20
LSD/sig	0.22	ns	ns
<input type="checkbox"/> Fruit: diameter (mm)			
Mean	18.90	18.60	18.10
Std. Deviation	0.80	1.60	0.90
LSD/sig	1.29	ns	ns
<input type="checkbox"/> Calyx: diameter of basin (mm)			
Mean	5.90	6.20	6.20
Std. Deviation	0.70	0.60	0.40
LSD/sig	0.64	ns	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2004	Granted	'Springhigh'

First sold in USA in Feb 2006.

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

Details of Application

Application Number	2006/277
Variety Name	'WN002'
Genus Species	<i>Lomandra hystrix</i>
Common Name	Spiny Headed Mat Rush
Synonym	Nil
Accepted Date	1 Dec 2006
Applicant	Deborah Roberts, Corndale, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corndale, NSW.
Descriptor	<i>Lomandra</i> (<i>Lomandra</i>) PBR LOMA.
Period	Autumn 2007 – spring 2007.
Conditions	Trial conducted in open beds, plants propagated from divisions, planted into 300mm 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	Ten pots of each variety arranged in a completely randomised design.
Measurements	From ten plants.
RHS Chart - edition	1995.

Origin and Breeding

Seedling Selection: seed parent *Lomandra hystrix*. The seed parent is characterised by an absence of leaf variegation. Approximately 1500 seed of *L. hystrix* were grown in 2004. In Sep 2004 a single seedling was observed to have yellow foliage coloration and this was selected and grown on from 2004-2006. It showed distinctive leaf variegation as it matured. It was vegetatively propagated by division in early 2006 and again in spring and has demonstrated that it maintains its distinctive traits over successive generations. Selection took place in Corndale, NSW in 2004. Selection criteria: presence of leaf variegation. Propagation: vegetative by division and micropropagation is found to be uniform and stable. Breeder: Deborah Roberts, Corndale, NSW.

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

Organ/PlantContext	State of Expression in Group of Varieties
Part	
Plant sex expression	female
Plant growth habit	semi-upright
Plant height	medium
Plant density	medium
Leaf length of blade	medium
Leaf width of blade	medium
Basal sheath margin shredding	very weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>L. hystrix</i> female parent	'WN002' is the first variegated variety of 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	'WN002'	<i>L. hystrix</i> female parent
<input type="checkbox"/> Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> Plant: density	medium	medium
<input type="checkbox"/> Leaf: texture	medium	medium
<input type="checkbox"/> Leaf: glaucosity	weak	weak
<input type="checkbox"/> Leaf: rigidity	weak	weak
<input type="checkbox"/> Leaf: length of blade	medium	medium
<input type="checkbox"/> Leaf: width of blade	medium	medium
<input type="checkbox"/> Leaf: cross section	flat	flat
<input checked="" type="checkbox"/> Leaf: variegation	present	absent
<input checked="" type="checkbox"/> Leaf: colour (RHS colour chart)	146A and 13C	146A
<input type="checkbox"/> Basal sheath: margin shredding	very weak	very weak
<input type="checkbox"/> Basal sheath: colour	medium brown	medium brown

Statistical Table

Organ/Plant Part: Context	'WN002'	<i>L. hystrix</i> female parent
<input type="checkbox"/> Leaf: width (mm)		
Mean	12.50	12.40
Std. Deviation	0.90	1.20
LSD/sig	1.10	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2006/183
Variety Name	'WAU 65'
Genus Species	<i>Lomandra longifolia</i>
Common Name	Spiny Headed Mat Rush
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	Craig Waters, Wauchope, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Wauchope, NSW.
Descriptor	<i>Lomandra</i> (<i>Lomandra</i>) PBR LOMA.
Period	Spring 2006 - autumn 2007.
Conditions	Trial conducted in open beds, plants propagated from cuttings, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design.
Measurements	From ten plants at random.
RHS Chart - edition	1995.

Origin and Breeding

Seedling selection: seed parent *Lomandra longifolia*. The seed parent is characterised by a tall plant height and a broad leaf width. Selection took place in Wauchope, NSW in 2004. Selection criteria: short plant height and compact growth habit. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeder: Craig Waters, Wauchope, 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	density	very dense
Leaf	rigidity	medium
Leaf	cross-section	flat
Leaf	variegation	absent
Basal sheath	margin shredding	weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'LM400'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
<i>L. longifolia</i>	Plant	height	short	tall	seed parent
'LM300'	Leaf	width	medium	very narrow	
'Katrinus'	Plant	height	short	tall	
'Katrinus Deluxe'	Plant	height	short	medium to tall	
'Cassica'	Leaf	width	medium	broad	
'LMV100'	Leaf	variegation	absent	present	
'TT1'	Leaf	variegation	absent	present	

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

Organ/Plant Part: Context	'WAU 65'	'LM400'
<input checked="" type="checkbox"/> Plant: growth habit	upright	semi-upright
<input checked="" type="checkbox"/> Plant: height	short	medium
<input type="checkbox"/> Plant: density	very dense	very dense
<input checked="" type="checkbox"/> Leaf: texture	medium	fine
<input checked="" type="checkbox"/> Leaf: glaucosity	medium	strong
<input type="checkbox"/> Leaf: rigidity	medium	medium
<input checked="" type="checkbox"/> Leaf: length of blade	very short	medium
<input checked="" type="checkbox"/> Leaf: width of blade	medium	narrow
<input type="checkbox"/> Leaf: cross section	flat	flat
<input checked="" type="checkbox"/> Leaf: expression of middle apex	weak	medium
<input type="checkbox"/> Leaf: variegation	absent	absent
<input checked="" type="checkbox"/> Leaf: colour (RHS colour chart)	137A	146A
<input type="checkbox"/> Basal sheath: margin shredding	weak	weak

Statistical Table

Organ/Plant Part: Context	'WAU 65'	'LM400'
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	208.60	299.60
Std. Deviation	16.90	31.80
LSD/sig	29.08	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	4.03	2.69
Std. Deviation	0.70	0.20
LSD/sig	0.56	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/219
Variety Name	'Q233'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	17 Sep 2007
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Mackay BSES Limited, Mackay, QLD.
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/2.
Period	Planted 19 Sep 2006; descriptions 16-18 Jul 2007.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced-ripped twice and rotary-hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: alluvial. Watering regime: flood irrigation and rainfed. Chemicals: the fungicide Tilt was applied at 60ml per hectare at planting. The herbicides Stomp (3L/ha) and Atradox (2.2kg/ha) were applied 25 Sept 2006 to control weeds. The insecticide Talstar (375mL/ha) was applied to control wireworms. Fertilisers: GF351 (185 kg/ha) was applied at planting. Total nutrients were: Nitrogen 21 kg/ha; Phosphorus 24 kg/ha; Potassium 33 kg/ha, Sulphur 2kg/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 'Q117' and the pollen parent 'CP57-614'. Seed was collected from the pollinated female inflorescences and stored for germination in 1984. The variety has since been evaluated and selected by BSES in yield trials on the Herbert Sugar Experiment Station at Ingham and sites within the sugarcane growing area in the Herbert 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
Internode	unexposed colour	yellow-green
Node	shape of bud	oval/ovate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q124'	
'Q138'	
'Q135'	
'Q170'	

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	'Q233'	'Q124'	'Q135'	'Q138'	'Q170'
<input type="checkbox"/> Plant: stool growth habit	erect to semi-erect	erect	erect to semi-erect	semi-erect to intermediate	erect to semi-erect
<input checked="" type="checkbox"/> *Plant: adherence of leaf sheath	medium to strong	medium to strong	medium to strong	weak to medium	weak to medium
<input checked="" type="checkbox"/> Plant: tillering	weak	weak	medium	strong	medium
<input type="checkbox"/> Plant: number of suckers	very few	very few to few	very few	very few to few	very few to few
<input checked="" type="checkbox"/> Plant: leaf canopy	medium to dense	sparse to medium	medium to dense	medium	medium to dense
<input checked="" type="checkbox"/> *Internode: shape	cylindrical	bobbin-shaped	bobbin-shaped	bobbin-shaped	concave-convex
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular	circular
<input checked="" type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow 10B & yellow-green N144C & B	greyed-red 178A & greyed-yellow 161A & 160B	yellow 11B & yellow-green 151A	yellow 11B & yellow-green N144A & 144A	yellow 11A-B & yellow-green N144A-B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green N144A-144A & 151A	greyed-orange 174A & yellow-green 151A	yellow-green N144A-B-C	yellow-green 153A-B	yellow-green N144A & 151A
<input checked="" type="checkbox"/> Internode: depth of growth crack	medium	very shallow to shallow	absent or very shallow	absent or very shallow	shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	weak to moderate	moderate	weak	weak	weak to moderate
<input checked="" type="checkbox"/> Internode: waxiness	strong	medium	medium to strong	weak	weak to medium

<input checked="" type="checkbox"/>	Node: wax ring	medium	medium to wide	medium	medium to wide	medium
<input type="checkbox"/>	*Node: shape of bud	oval	oval	oval	oval	ovate
<input checked="" type="checkbox"/>	Node: bud prominence	strong	weak to medium	medium	weak to medium	medium
<input type="checkbox"/>	Node: depth of bud groove	shallow to medium	shallow	shallow	shallow	shallow
<input checked="" type="checkbox"/>	Node: length of bud groove	medium	short	medium	medium	short
<input checked="" type="checkbox"/>	Node: bud tip in relation to growth ring	clearly below	clearly below	intermediate	clearly below	intermediate
<input checked="" type="checkbox"/>	Node: bud cushion	narrow to medium	absent or very narrow	narrow to medium	absent or very narrow	medium to wide
<input type="checkbox"/>	Node: width of bud wing	medium	wide	medium to wide	medium to wide	medium
<input checked="" type="checkbox"/>	Leaf sheath: number of hairs	medium to many	medium to many	very few to few	few	few to medium
<input checked="" type="checkbox"/>	Leaf sheath: length of hairs	medium	medium to long	short to medium	medium	medium
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal	only dorsal	only dorsal	only dorsal	only dorsal
<input checked="" type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	deltoid	crescent-shaped	deltoid
<input type="checkbox"/>	Leaf sheath: ligule width	wide	wide	wide	wide	wide
<input checked="" type="checkbox"/>	Leaf sheath: length of ligule hairs	medium	long	medium	short	short
<input checked="" type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	dense	medium	medium to dense	very sparse to sparse
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	falcate	lanceolate	lanceolate	lanceolate	lanceolate
<input checked="" type="checkbox"/>	Leaf sheath: size of underlapping auricle	small	large	large	medium to large	small
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	transitional	lanceolate	deltoid	transitional
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	not applicable	not applicable	small	medium	not applicable
<input checked="" type="checkbox"/>	Leaf blade: curvature	erect	curved tips	curved tips	erect	curved tips
<input type="checkbox"/>	Leaf blade: pubescence on margin	absent or very sparse	very sparse to sparse	sparse	absent or very sparse	absent or very sparse

<input type="checkbox"/> Leaf blade: serration of margin	present	present	present	present	present
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Statistical Table

Organ/Plant Part: Context	‘Q233’	‘Q124’	‘Q135’	‘Q138’	‘Q170’
<input checked="" type="checkbox"/> Culm: height (m)					
Mean	2.70	2.86	2.66	2.91	3.02
Std. Deviation	0.23	0.20	0.27	0.16	0.21
LSD/sig	0.18	ns	ns	ns	P≤0.01
Means Separation	ghij	cdefgh	hij	bcdefg	bcd
<input checked="" type="checkbox"/> Internode: length (cm)					
Mean	14.50	19.70	18.20	19.40	17.90
Std. Deviation	1.10	1.80	2.00	2.20	1.10
LSD/sig	1.0	P≤0.01	P≤0.01	P≤0.01	P≤0.01
Means Separation	i	b	defg	bc	efg
<input checked="" type="checkbox"/> Internode: diameter (mm)					
Mean	29.80	24.90	22.50	25.10	25.70
Std. Deviation	2.90	3.00	3.20	2.30	2.20
LSD/sig	1.8	P≤0.01	P≤0.01	P≤0.01	P≤0.01
Means Separation	a	defghi	klm	defghi	cdefg
<input checked="" type="checkbox"/> Node: width of bud (mm)					
Mean	8.80	7.50	7.50	7.20	7.60
Std. Deviation	0.70	0.90	0.80	0.60	0.80
LSD/sig	0.9	P≤0.01	P≤0.01	P≤0.01	P≤0.01
Means Separation	bc	defghi	defghi	defghij	defgh
<input checked="" type="checkbox"/> Node: width of root band (mm)					
Mean	10.80	9.40	10.10	10.10	10.60
Std. Deviation	0.90	1.10	1.30	0.80	0.70
LSD/sig	0.9	P≤0.01	ns	ns	ns
Means Separation	b	defgh	bcde	bcde	bc
<input checked="" type="checkbox"/> Leaf blade: length (cm)					
Mean	147.40	162.40	157.50	158.60	147.80
Std. Deviation	1.10	8.00	16.70	8.50	8.80
LSD/sig	0.8	P≤0.01	P≤0.01	P≤0.01	ns
Means Separation	g	ab	abcde	abcd	fg
<input checked="" type="checkbox"/> Leaf blade: width (mm)					
Mean	45.00	41.00	41.60	52.60	39.60
Std. Deviation	2.80	4.00	3.20	3.50	9.70
LSD/sig	3.1	P≤0.01	P≤0.01	P≤0.01	P≤0.01
Means Separation	de	f	f	b	f
<input checked="" type="checkbox"/> Leaf: midrib width (mm)					
Mean	4.20	3.80	3.70	5.00	3.50
Std. Deviation	0.80	0.50	0.50	0.50	0.60
LSD/sig	0.5	ns	ns	P≤0.01	P≤0.01
Means Separation	cdef	efgh	fgh	a	h

☑	Leaf sheath: length (cm)				
Mean	32.10	40.70	38.90	33.80	38.70
Std. Deviation	2.00	2.10	2.50	1.30	3.30
LSD/sig	1.5	P≤0.01	P≤0.01	P≤0.01	P≤0.01
Means Separation	lm	a	b	ijk	bc
☑	Leaf: ratio leaf width: midrib width				
Mean	11.00	10.90	11.40	10.70	11.80
Std. Deviation	2.00	1.30	1.70	0.90	3.50
LSD/sig	1.2	ns	ns	ns	ns
Means Separation	def	defg	cde	defg	bcd

Note: mean values shared by the same letter are not significantly different at P≤0.01 according to Duncan's Multiple Range Test.

Prior Applications and Sales

Nil.

Description: **George Piperidis**, BSES Limited, Mackay, QLD.

Details of Application

Application Number	2007/220
Variety Name	'Q234'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	17 Sep 2007
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Mackay BSES Limited, Mackay, QLD
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/2
Period	Planted 4 Aug 2005; descriptions 17-19 May 2006.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced and ripped three times and levelled using land plane and harrows. Planting material was generally good, and soil moisture at planting was also good. Soil type: alluvial. Watering regime: flood irrigation followed by rainfed. Chemicals: the fungicide Tilt was applied at 60 mL per hectare, and the insecticide Talstar was applied at 375 mL per hectare at planting. Stomp (3 L/ha) and Atradex (2.2kg/ha) were applied 11/08/2005. Fertilisers: GF351 (185kg/ha) was applied at planting. Total nutrients applied were: Nitrogen 21kg/ha; Phosphorus 24 kg/ha; Potassium 33 kg/ha; Sulphur 2 kg/ha.
Trial Design	Randomised Complete Block Design with 3 replicates. Plots were single row by 10m, with 1.5 m 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 'Q107' and the pollen parent 'QN66-2008'. Seed was collected from the pollinated female inflorescences and stored for germination in 1988. The variety has since been evaluated and selected by BSES in yield trials on the Southern Sugar Experiment Station at Bundaberg and sites within the sugarcane growing area in the Southern and Condong 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	cross-section	circular
Internode	unexposed colour	yellow-green
Node	shape of bud	ovate/oval

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q186'	
'Q203'	
'Q211'	

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	'Q234'	'Q186'	'Q203'	'Q211'
<input checked="" type="checkbox"/> Plant: stool growth habit	erect	erect	semi-erect	intermediate
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak	weak	weak	weak to medium
<input type="checkbox"/> Plant: tillering	medium	medium	medium	medium
<input checked="" type="checkbox"/> Plant: number of suckers	very few	very few	medium	medium to many
<input type="checkbox"/> Plant: leaf canopy	sparse	sparse to medium	medium	sparse
<input checked="" type="checkbox"/> *Internode: shape	cylindrical	concave-convex	cylindrical	conoidal
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular
<input checked="" type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 144A	yellow-green 151A & 153D	greyed-orange 166C & yellow-green 151C & 144A	yellow-green 144A-B & N144B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green N144A-D	yellow-green 151A & 144A	yellow-green 152D-145C	yellow-green 144B-C
<input type="checkbox"/> *Internode: expression of zigzag alignment	very weak to weak	moderate to strong	moderate to strong	moderate to strong
<input type="checkbox"/> Internode: waxiness	medium	medium to strong	medium	medium
<input checked="" type="checkbox"/> Node: wax ring	medium to wide	medium	narrow to medium	medium to wide
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	oval	ovate
<input type="checkbox"/> Node: bud prominence	medium	medium	weak to medium	medium
<input type="checkbox"/> Node: depth of bud groove	absent or very shallow	absent or very shallow	shallow	shallow
<input type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate	intermediate

<input checked="" type="checkbox"/>	Node: bud cushion	wide	absent or very narrow	very narrow to narrow	medium to wide
<input checked="" type="checkbox"/>	Node: width of bud wing	medium	narrow	narrow	narrow
<input type="checkbox"/>	Leaf sheath: number of hairs	very few to few	absent or very few	absent or very few	few to medium
<input type="checkbox"/>	Leaf sheath: length of hairs	medium			medium
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal			only dorsal
<input checked="" type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	crescent-shaped	deltoid
<input checked="" type="checkbox"/>	Leaf sheath: ligule width	medium	medium	wide	wide
<input checked="" type="checkbox"/>	Leaf sheath: length of ligule hairs	medium	short	medium	short
<input checked="" type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	sparse to medium	medium to dense	sparse
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	falcate	lanceolate	transitional
<input checked="" type="checkbox"/>	Leaf sheath: size of underlapping auricle	medium	small	medium to large	not applicable
<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
<input checked="" type="checkbox"/>	Leaf blade: curvature	arched	curved tips	arched	curved tips
<input type="checkbox"/>	Leaf blade: pubescence on margin	absent or very sparse			
<input type="checkbox"/>	Leaf blade: serration of margin	present	present	present	present

Statistical Table

Organ/Plant Part: Context	'Q234'	'Q186'	'Q203'	'Q211'
<input checked="" type="checkbox"/> Culm: height (m)				
Mean	2.60	2.30	2.00	2.30
Std. Deviation	0.20	0.13	0.10	0.33
LSD/sig	0.48	ns	P≤0.01	ns
Means Separation	abc	bcde	de	abcde
<input checked="" type="checkbox"/> Internode: length (cm)				
Mean	16.50	13.00	15.90	15.00
Std. Deviation	1.50	1.60	1.70	1.50
LSD/sig	2.5	P≤0.01	ns	ns
Means Separation	abcd	efg	bcde	bcdef
<input checked="" type="checkbox"/> Internode: diameter (mm)				
Mean	26.90	26.50	23.90	22.20
Std. Deviation	2.40	2.70	5.30	2.70
LSD/sig	2.9	ns	ns	P≤0.01
Means Separation	bcdefg	bcdefgh	fghi	i

<input checked="" type="checkbox"/>	Node: width of bud (mm)				
	Mean	8.70	6.20	6.00	7.80
	Std. Deviation	1.40	0.90	0.70	0.90
	LSD/sig	1.2	P≤0.01	P≤0.01	ns
	Means Separation	abcd	fg	g	bcde
<input type="checkbox"/>	Node: width of root band (mm)				
	Mean	13.20	8.70	10.40	10.40
	Std. Deviation	1.10	1.00	1.30	0.90
	LSD/sig	4.3	ns	ns	ns
	Means Separation	ab	bc	bc	bc
<input checked="" type="checkbox"/>	Leaf blade: length (cm)				
	Mean	148.20	147.90	179.30	156.30
	Std. Deviation	10.10	7.50	7.00	9.40
	LSD/sig	13.3	ns	P≤0.01	ns
	Means Separation	hij	hij	ab	defghij
<input checked="" type="checkbox"/>	Leaf blade: width (mm)				
	Mean	51.00	47.20	42.60	37.20
	Std. Deviation	2.90	2.50	2.00	2.50
	LSD/sig	4.6	ns	P≤0.01	P≤0.01
	Means Separation	abcd	cdefg	g	h
<input type="checkbox"/>	Leaf: midrib width (mm)				
	Mean	3.80	4.60	3.80	3.30
	Std. Deviation	0.60	0.50	0.30	0.40
	LSD/sig	0.7	ns	ns	ns
	Means Separation	defgh	abcd	efgh	h
<input checked="" type="checkbox"/>	Leaf sheath: length (cm)				
	Mean	31.20	28.00	34.10	27.50
	Std. Deviation	2.00	1.40	1.00	1.30
	LSD/sig	2.4	P≤0.01	P≤0.01	P≤0.01
	Means Separation	defg	hij	bc	j
<input checked="" type="checkbox"/>	Leaf: ratio leaf width: midrib width				
	Mean	13.50	10.40	11.30	11.40
	Std. Deviation	2.00	1.00	0.50	0.90
	LSD/sig	1.5	P≤0.01	P≤0.01	P≤0.01
	Means Separation	ab	efg	def	def

Note: mean values shared by the same letter are not significantly different at P≤0.01 according to Duncan's Multiple Range Test.

Prior Applications and Sales

Nil.

Description: **George Piperidis**, BSES Limited, Mackay, QLD.

Details of Application

Application Number	2007/223
Variety Name	'QS96-2174'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	17 Sep 2007
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Mackay BSES Limited, Mackay, QLD.
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/2.
Period	Planted 19 Sep 2006; descriptions 16-18 Jul 2007.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced-ripped twice and rotary-hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: alluvial. Watering regime: flood irrigation and rainfed. Chemicals: the fungicide Tilt was applied at 60ml per hectare at planting. The herbicides Stomp (3L/ha) and Atradex (2.2kg/ha) were applied 25 Sept 2006 to control weeds. The insecticide Talstar (375mL/ha) was applied to control wireworms. Fertilisers: GF351 (185 kg/ha) was applied at planting. Total nutrients were: Nitrogen 21 kg/ha; Phosphorus 24 kg/ha; Potassium 33 kg/ha, Sulphur 2kg/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 'QS83-2103' and the pollen parent 'QC89-6015'. Seed was collected from the pollinated female inflorescences and stored for germination in 1996. The variety has since been evaluated and selected by BSES in yield trials on the Southern Sugar Experiment Station at Bundaberg and sites within the sugarcane growing area in the Southern 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	ovate
Internode	unexposed colour	yellow-green
Node	shape of bud	ovate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q207'	
'Q212'	
'KQ228'	

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	'QS96-2174'	'KQ228'	'Q207'	'Q212'
<input type="checkbox"/> Plant: stool growth habit	semi-erect to intermediate	erect to semi-erect	intermediate	intermediate
<input checked="" type="checkbox"/> *Plant: adherence of leaf sheath	medium to strong	medium to strong	weak to medium	weak to medium
<input checked="" type="checkbox"/> Plant: tillering	weak	weak	strong	medium
<input type="checkbox"/> Plant: number of suckers	very few to few	many	few to medium	very few to few
<input type="checkbox"/> Plant: leaf canopy	sparse to medium	sparse to medium	medium to dense	sparse to medium
<input checked="" type="checkbox"/> *Internode: shape	bobbin-shaped	bobbin-shaped	concave-convex	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	ovate	ovate	ovate	ovate
<input checked="" type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green N144A&C & yellow 11A	yellow-green 151A & 153D	yellow-green N144A-C	yellow-green N144A & Yellow 11A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 151A & 144A	yellow-green 151A & N144A	yellow-green 151A	yellow-green N144A&C & yellow 11B
<input checked="" type="checkbox"/> Internode: depth of growth crack	absent or very shallow	shallow to medium	medium	absent or very shallow
<input checked="" type="checkbox"/> *Internode: expression of zigzag alignment	moderate	weak	moderate to strong	weak to moderate
<input checked="" type="checkbox"/> Internode: waxiness	weak	weak to medium	weak to medium	medium
<input type="checkbox"/> Node: wax ring	medium	medium	medium	medium to wide
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	ovate	ovate
<input checked="" type="checkbox"/> Node: bud prominence	weak to medium	weak to medium	medium to strong	medium
<input checked="" type="checkbox"/> Node: depth of bud groove	shallow	absent or very shallow	medium	medium
<input checked="" type="checkbox"/> Node: length of bud groove	short to		medium to	medium to

	medium		long	long
<input checked="" type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	intermediate	clearly below	intermediate
<input checked="" type="checkbox"/> Node: bud cushion	medium	absent or very narrow	absent or very narrow	absent or very narrow
<input type="checkbox"/> Node: width of bud wing	narrow to medium	medium	narrow	medium
<input checked="" type="checkbox"/> Leaf sheath: number of hairs	absent or very few	medium	very few to few	medium
<input checked="" type="checkbox"/> Leaf sheath: shape of ligule	crescent-shaped	deltoid	crescent-shaped	crescent-shaped
<input checked="" type="checkbox"/> Leaf sheath: ligule width	medium	medium	medium	wide
<input checked="" type="checkbox"/> Leaf sheath: length of ligule hairs	medium to long	short	medium	medium
<input type="checkbox"/> Leaf sheath: density of ligule hairs	medium	sparse to medium	medium	sparse
<input type="checkbox"/> Leaf sheath: shape of underlapping auricle	lanceolate	lanceolate	transitional	transitional
<input type="checkbox"/> Leaf sheath: size of underlapping auricle	small	small	not applicable	not applicable
<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
<input checked="" type="checkbox"/> Leaf blade: curvature	curved tips	erect	curved tips	curved tips
<input type="checkbox"/> Leaf blade: pubescence on margin	absent or very sparse			
<input type="checkbox"/> Leaf blade: serration of margin	present	present	present	present

Statistical Table

Organ/Plant Part: Context	'QS96-2174'	'KQ228'	'Q207'	'Q212'
<input checked="" type="checkbox"/> Internode: length (cm)				
Mean	20.90	15.50	18.30	16.20
Std. Deviation	2.30	1.40	1.80	1.60
LSD/sig	1.0	P≤0.01	P≤0.01	P≤0.01
Means Separation	a	hi	cdefg	h
<input checked="" type="checkbox"/> Internode: diameter (mm)				
Mean	22.80	24.80	21.60	23.70
Std. Deviation	2.40	2.60	2.00	2.90
LSD/sig	1.8	P≤0.01	ns	ns
Means Separation	jklm	efghi	m	ghijkl
<input checked="" type="checkbox"/> Node: width of bud (mm)				
Mean	6.20	8.60	5.40	8.20
Std. Deviation	0.60	0.90	0.50	1.40
LSD/sig	0.9	P≤0.01	ns	P≤0.01

Means Separation	jk	bc	k	bcd
<input checked="" type="checkbox"/> Node: width of root band (mm)				
Mean	9.70	9.30	7.80	9.00
Std. Deviation	0.80	0.60	0.90	1.10
LSD/sig	0.9	ns	P \leq 0.01	ns
Means Separation	cdefg	defgh	i	fgh

Prior Applications and Sales

Nil.

Description: **George Piperidis**, BSES Limited, Mackay, QLD.

Details of Application

Application Number	2007/218
Variety Name	'Q232'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	17 Sep 2007
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Mackay BSES Limited, Mackay, QLD.
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/2.
Period	Planted 19 Sep 2006; descriptions 16-18 Jul 2007.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced-ripped twice and rotary-hoed. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: alluvial. Watering regime: flood irrigation and rainfed. Chemicals: the fungicide Tilt was applied at 60ml per hectare at planting. The herbicides Stomp (3L/ha) and Atradox (2.2kg/ha) were applied 25 Sept 2006 to control weeds. The insecticide Talstar (375mL/ha) was applied to control wireworms. Fertilisers: GF351 (185 kg/ha) was applied at planting. Total nutrients were: Nitrogen 21 kg/ha; Phosphorus 24 kg/ha; Potassium 33 kg/ha, Sulphur 2kg/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 'QN80-3425' and the pollen parent 'QS72-732'. Seed was collected from the pollinated female inflorescences and stored for germination in 1994. The variety has since been evaluated and selected by BSES in yield trials on the Southern Sugar Experiment Station at Bundaberg and sites within the sugarcane growing area in the southern 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
Internode	cross-section	circular
Node	shape of bud	ovate/ obovate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'H56-752'	
'Q162'	
'Q174'	
'Q198'	

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	'Q232'	'H56-752'	'Q162'	'Q174'	'Q198'
<input checked="" type="checkbox"/> Plant: stool growth habit	erect	intermediate	semi-erect	semi-erect to intermediate	erect
<input checked="" type="checkbox"/> *Plant: adherence of leaf sheath	medium to strong	weak	weak to medium	medium to strong	medium
<input checked="" type="checkbox"/> Plant: tillering	medium	medium	medium	weak	medium
<input type="checkbox"/> Plant: number of suckers	very few	few	very few to few	very few	very few
<input checked="" type="checkbox"/> Plant: leaf canopy	medium to dense	sparse to medium	medium	sparse to medium	medium
<input checked="" type="checkbox"/> *Internode: shape	concave-convex	bobbin-shaped	concave-convex	concave-convex	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular	circular
<input checked="" type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green (151A and N144C)	yellow-green N144A	yellow-green N144A & 151A-B	yellow-green 151A to 153A & 144B	yellow-green 152D&151A&144A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green (151A and 144A)	yellow-green N144A&C	yellow-green 151A & N144A	yellow-green 151A Greyed-red 176B	yellow-green 144A-C & yellow 11B
<input checked="" type="checkbox"/> Internode: depth of growth crack	medium	absent or very shallow	absent or very shallow	absent or very shallow	absent or very shallow
<input checked="" type="checkbox"/> *Internode: expression of zigzag alignment	weak	weak	moderate	moderate	moderate
<input checked="" type="checkbox"/> Internode: waxiness	weak	strong	weak	medium	medium
<input type="checkbox"/> Node: wax ring	medium	medium	medium	medium to wide	medium

<input type="checkbox"/>	*Node: shape of bud	ovate	ovate	ovate	ovate	obovate
<input type="checkbox"/>	Node: bud prominence	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/>	Node: depth of bud groove	shallow to medium	absent or very shallow	absent or very shallow	medium	absent or very shallow
<input checked="" type="checkbox"/>	Node: length of bud groove	medium			long	
<input checked="" type="checkbox"/>	Node: bud tip in relation to growth ring	intermediate	intermediate	clearly below	intermediate	intermediate
<input checked="" type="checkbox"/>	Node: bud cushion	narrow to medium	medium to wide	very narrow to narrow	absent or very narrow	absent or very narrow
<input type="checkbox"/>	Node: width of bud wing	medium	medium	narrow to medium	medium	medium
<input checked="" type="checkbox"/>	Leaf sheath: number of hairs	absent or very few	very few to few	many	few to medium	medium to many
<input checked="" type="checkbox"/>	Leaf sheath: shape of ligule	deltoid	deltoid	deltoid	crescent-shaped	crescent-shaped
<input checked="" type="checkbox"/>	Leaf sheath: ligule width	medium	wide	wide	medium	wide
<input checked="" type="checkbox"/>	Leaf sheath: length of ligule hairs	medium	short	medium	short	short
<input checked="" type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	medium to dense	sparse to medium	sparse	medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	falcate	lanceolate	falcate	falcate	lanceolate
<input checked="" type="checkbox"/>	Leaf sheath: size of underlapping auricle	small	medium	small	small	small
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional	dentoid	deltoid
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	not applicable	not applicable	not applicable	small	small
<input checked="" type="checkbox"/>	Leaf blade: curvature	erect	curved tips	curved tips	curved tips	curved tips
<input type="checkbox"/>	Leaf blade: pubescence on margin	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/>	Leaf blade: serration of margin	present	present	present	present	present

Statistical Table

Organ/Plant Part: Context	‘Q232’	‘H56-752’	‘Q162’	‘Q174’	‘Q198’
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Internode: length (cm)

Mean	18.00	19.30	19.40	15.30	18.60
Std. Deviation	1.70	1.30	1.90	1.40	1.50
LSD/sig	1.0	P≤0.01	P≤0.01	P≤0.01	ns
Means Separation	defg	bc	bc	hi	bcdefg
<input type="checkbox"/> Internode: width (mm)					
Mean	24.90	26.20	26.40	25.60	23.60
Std. Deviation	3.20	3.30	2.60	2.40	3.40
LSD/sig	1.8	ns	ns	ns	ns
Means Separation	efghi	bcdef	bcdef	cdefgh	hijkl
<input checked="" type="checkbox"/> Node: width of bud (mm)					
Mean	8.20	9.10	7.90	7.90	7.00
Std. Deviation	1.00	1.30	0.80	0.80	0.70
LSD/sig	0.9	ns	ns	ns	P≤0.01
Means Separation	bcd	ab	cdef	cdefg	fghij
<input checked="" type="checkbox"/> Node: width of root band (mm)					
Mean	9.20	12.30	12.10	10.90	8.70
Std. Deviation	0.70	1.10	1.50	0.80	0.60
LSD/sig	0.9	P≤0.01	P≤0.01	P≤0.01	ns
Means Separation	efgh	a	a	b	ghi

Note: mean values shared by the same letter are not significantly different at P≤0.01 according to Duncan's Multiple Range Test.

Prior Applications and Sales

Nil.

Description: **George Piperidis**, BSES Limited, Mackay, QLD.

Details of Application

Application Number	2007/233
Variety Name	'SP-4'
Genus Species	<i>Citrullus lanatus</i>
Common Name	Watermelon
Synonym	Nil
Accepted Date	26 Nov 2007
Applicant	Syngenta Crop Protection AG, Basel, Switzerland
Agent	Syngenta Seeds Pty Ltd, Keysborough, VIC
Qualified Person	Lauren O'Connor

Details of Comparative Trial

Location	Gatton, QLD.
Descriptor	Watermelon (<i>Citrullus lanatus</i>) TG/142/4.
Period	Summer 2007-08.
Conditions	The trial was sown on 20 Nov 2007 and transplanted 18 Dec 2007 at University of Queensland Agricultural College, Gatton, QLD. Both 'SP-1' and 'SP-4' produced mature fruit, however, the vine of 'SP-1' collapsed in late Feb from suspected <i>Fusarium</i> wilt. The vine of 'SP-4' remained green and healthy.
Trial Design	Two replicates per variety of 25 plants each. 10 plants or plant parts were measured per replicate, giving a total of 20 observations per variety.
Measurements	Assessments were conducted at the cotyledon stage, 3rd leaf fully expanded and mature fruit stages.

RHS Chart - edition**Origin and Breeding**

Controlled pollination: Watermelon 'SP-4' was developed as a pollinator for triploid watermelon in the production of triploid seedless watermelon. 'SP-4' was developed at Syngenta Seeds Research Stations in Woodland, California and Naples, Florida, as a result of traditional recombination breeding. 'SP-4' was bred by Xingping Zhang of Syngenta 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
Fruit	main colour of flesh	white
Fruit	weight	very low/low
Fruit	ground colour of skin	green
Fruit	thickness of pericarp	thick
Fruit	stripes	present
Fruit	width of stripes	narrow
Leaf	degree of primary lobing	strong
Flowering	time of flowering	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'SP-1'	

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	‘SP-4’	‘SP-1’
<input type="checkbox"/> *Ploidy:	diploid	diploid
<input type="checkbox"/> Cotyledon: shape	medium elliptic	medium elliptic
<input checked="" type="checkbox"/> Cotyledon: size	small	medium
<input checked="" type="checkbox"/> Plant: length of internode	medium	long
<input checked="" type="checkbox"/> Leaf blade: length	short	medium
<input checked="" type="checkbox"/> Leaf blade: width	narrow	medium
<input type="checkbox"/> Leaf blade: ratio length/width	medium	medium
<input type="checkbox"/> *Leaf: degree of primary lobing	very strong	very strong
<input type="checkbox"/> *Leaf blade: marbling	absent or weak	absent or weak
<input checked="" type="checkbox"/> Petiole: length	medium	long
<input type="checkbox"/> *Fruit: weight	very low to low	low
<input type="checkbox"/> *Fruit: shape in longitudinal section	broad elliptic	broad elliptic
<input type="checkbox"/> *Fruit: ground colour of skin	green	green
<input type="checkbox"/> *Fruit: intensity of ground colour of skin	very light ot light	very light ot light
<input type="checkbox"/> *Fruit: shape of apical part	flat to rounded	flat to rounded
<input type="checkbox"/> *Fruit: stripes	present	present
<input checked="" type="checkbox"/> *Fruit: intensity of colour of stripes	medium	light
<input type="checkbox"/> *Fruit: width of stripes	narrow	narrow
<input type="checkbox"/> *Fruit: thickness of pericarp	thick	thick
<input type="checkbox"/> *Fruit: main colour of flesh	white	white
<input type="checkbox"/> Fruit: intensity of main colour of flesh	light	light
<input checked="" type="checkbox"/> *Seed: size	very small to small	medium
<input checked="" type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>niveum</i> Race 1	present	absent
<input checked="" type="checkbox"/> Resistance to: <i>Colletotrichum lagenarium</i> (<i>passerini</i>) Race 1	present	absent

Statistical Table

Organ/Plant Part: Context	‘SP-4’	‘SP-1’
<input checked="" type="checkbox"/> Cotyledon: length (mm)		
Mean	25.41	36.12
Std. Deviation	2.74	1.97
LSD/sig	1.45	P≤0.01
<input checked="" type="checkbox"/> Cotyledon: width (mm)		

Mean	16.16	21.48
Std. Deviation	1.10	1.62
LSD/sig	0.84	P≤0.01
<input type="checkbox"/> Cotyledon: length: width ratio		
Mean	1.58	1.69
Std. Deviation	0.21	0.11
LSD/sig	0.10	ns
<input checked="" type="checkbox"/> Leaf blade: length (mm)		
Mean	114.98	138.13
Std. Deviation	11.57	18.48
LSD/sig	9.35	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)		
Mean	112.73	140.04
Std. Deviation	17.88	23.05
LSD/sig	12.51	P≤0.01
<input checked="" type="checkbox"/> Internode: length (mm)		
Mean	53.87	78.50
Std. Deviation	9.46	14.56
LSD/sig	7.45	P≤0.01
<input checked="" type="checkbox"/> Petiole: length (mm)		
Mean	41.23	55.66
Std. Deviation	10.58	14.34
LSD/sig	7.64	P≤0.01
<input type="checkbox"/> Leaf blade: length/ width ratio		
Mean	1.04	0.99
Std. Deviation	0.13	0.09
LSD/sig	0.07	ns
<input type="checkbox"/> Fruit: weight (kg)		
Mean	1.47	1.72
Std. Deviation	0.29	0.44
LSD/sig	0.23	ns
<input type="checkbox"/> Fruit: width of stripes (mm)		
Mean	5.94	5.93
Std. Deviation	1.57	1.68
LSD/sig	0.99	ns
<input type="checkbox"/> Fruit: thickness of pericarp (mm)		
Mean	10.40	10.17
Std. Deviation	1.62	1.49
LSD/sig	0.94	ns
<input checked="" type="checkbox"/> Seed: length (mm)		
Mean	6.08	9.68
Std. Deviation	0.34	0.92
LSD/sig	0.42	P≤0.01
<input checked="" type="checkbox"/> Seed: width (mm)		
Mean	3.88	6.06

Std. Deviation	0.33	0.54
LSD/sig	0.27	P≤0.01
<input type="checkbox"/> Seed: length/width ratio		
Mean	1.58	1.60
Std. Deviation	0.15	0.12
LSD/sig	0.08	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2006	Applied	'SP-4'
USA	2006	Applied	'SP-4'

First sold in Australia in Feb 2007. Sold in the USA in Feb 2007.

Description: **Lauren O'Connor**, Syngenta Seeds Pty Ltd.

Details of Application

Application Number	2007/127
Variety Name	'LongReach Crusader'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	LRPB Crusader
Accepted Date	17 May 2007
Applicant	LongReach Plant Breeders Management Pty Ltd, Bundoora, VIC
Agent	N/A
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	June-Dec 2007.
Conditions	Sown into fallowed brown medium clay soil, pH 8.4 (water), Field L3. 50kgN/ha applied as Urea pre planting. Field irrigated pre planting and two subsequent irrigations (approx 30mm each) during growing season.
Trial Design	Plots arranged in randomised complete blocks, 12m long 2m wide(6 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: The cross Sunbrook/H45 was made by Dr Lindsay O'Brien in Narrabri NSW in 2001. A line was selected from the progeny at Narrabri in 2001 for creation of double haploids in Adelaide. In 2002, LongReach breeders selected LPB03-1073 from double haploid populations in its winter breeding nursery at York, WA. Seed was multiplied in a summer nursery in 2002-2003 at Manjimup, WA. The line was evaluated by LongReach in yield and quality trials commencing in 2003. Selection criteria: agronomic type, disease resistance, flour colour. Propagation: seed.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Awns	presence	present
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Plant	frequency of plants with recurved flag leaves	absent or very low/low
Straw	pith in cross section	thin
Culm	glaucosity of neck	strong/very strong
Ear	shape in profile	tapering
Ear	colour	white
Lowest lemma	beak shape	straight
Grain	colour	white
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'H45'	parent
'Janz'	
'Sunbrook'	Parent
'Sunstate'	

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	'LongReach Crusader'	'H45'	'Janz'	'Sunbrook'	'Sunstate'
<input checked="" type="checkbox"/> *Plant: growth habit	erect to semi-erect	semi-erect to intermediate	semi-erect to intermediate	intermediate	semi-erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	absent or very low	absent or very low	absent or very low	low
<input checked="" type="checkbox"/> *Time of: ear emergence	early	early	early	late	early to medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong to very strong	medium	weak to medium	medium	medium
<input type="checkbox"/> *Ear: glaucosity	strong	medium	strong	medium	strong
<input type="checkbox"/> Culm: glaucosity of neck	very strong	very strong	very strong	strong to very strong	strong to very strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering	tapering	tapering
<input checked="" type="checkbox"/> *Ear: density	dense	lax	lax to medium	medium	lax to medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present	awns present	awns present
<input checked="" type="checkbox"/> *Awns of scurs at tip of ear: length	short to medium	medium	medium to long	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface	weak	absent or very weak	absent or very weak	weak	weak
<input type="checkbox"/> Lower glume: shoulder width	narrow to medium	narrow	narrow	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	slightly sloping	elevated	straight	sloping

<input checked="" type="checkbox"/>	Lower glume: beak length	medium	short	long	medium	short
<input checked="" type="checkbox"/>	Lower glume: beak shape	straight	moderately curved	slightly curved	moderately curved	geniculate
<input checked="" type="checkbox"/>	Lower glume: extent of internal hair	very weak	medium	medium	medium	medium
<input type="checkbox"/>	Lowest lemma: beak shape	straight	straight	straight	straight	straight
<input type="checkbox"/>	*Grain: colour	white	white	white	white	white
<input type="checkbox"/>	*Seasonal type:	spring type	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LongReach Crusader'	'H45'	'Janz'	'Sunbrook'	'Sunstate'
<input checked="" type="checkbox"/> Stem rust gene Sr2	present	absent	absent		
<input checked="" type="checkbox"/> Stem rust gene Sr24	absent		present		
<input type="checkbox"/> Stripe rust gene YrAPR	absent	present	present	present	present
<input checked="" type="checkbox"/> Dwarfing gene Rht2	absent		absent	present	present
<input checked="" type="checkbox"/> Dwarfing gene Rht1	present		present	absent	
<input checked="" type="checkbox"/> Hardness gene PinB- d	absent				present
<input type="checkbox"/> Stripe rust gene Yr6	present			present	
<input type="checkbox"/> Stripe rust gene Yr7	present	present			
<input type="checkbox"/> Stripe rust gene Yr17	present		absent		present
<input checked="" type="checkbox"/> Hardness gene PinB- b	present				absent
<input checked="" type="checkbox"/> Leaf rust gene Lr24	absent		present		

Statistical Table

Organ/Plant Part: Context	'LongReach Crusader'	'H45'	'Janz'	'Sunbrook'	'Sunstate'
<input checked="" type="checkbox"/> Plant: length (mm)					
Mean	749.50	671.00	671.67	737.33	791.33
Std. Deviation	34.95	21.07	29.25	33.21	22.70
LSD/sig	35.76	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)					
Mean	77.35	95.55	80.90	107.55	100.00
Std. Deviation	7.58	5.09	4.58	7.92	7.71
LSD/sig	8.14	P≤0.01	ns	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/126
Variety Name	'LongReach Dakota'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	LRPB Dakota
Accepted Date	17 May 2007
Applicant	LongReach Plant Breeders Management Pty Ltd, Bundoora, VIC
Agent	N/A
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	June-Dec 2007.
Conditions	Sown into fallowed brown medium clay soil, pH 8.4 (water), Field L3. 50kgN/ha applied as Urea pre planting. Field irrigated pre planting and two subsequent irrigations (approx 30mm each) during growing season.
Trial Design	Plots arranged in randomised complete blocks, 12m long 2m wide(6 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: The cross VL676/VM729 for 'LongReach Dakota' was made by Dr Russell Eastwood in Horsham, VIC in 1997. The VIDA line 98-057W was selected from the progeny at Horsham in 1998 and was further selected as 98-057W-15-4 in 1999 and 2000. In 2001 LongReach breeders selected line 98-057W-15-4 at F₄ from segregating base germplasm entered in the AVS (VIDA) breeding nursery at Mallee Research Station, Walpeup, Australia, under the terms of its agreement to develop derived varieties from AVS segregating base germplasm. The line was further selected and evaluated as LPB0780 by LongReach Plant Breeders. Selection criteria: agronomic type, disease resistance, grain quality. Propagation: seed.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Awns	presence	present
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Straw	pith in cross section	thin
Culm	glaucoity of neck	very strong
Ear	shape in profile	tapering
Ear	colour	white
Grain	colour	white
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Janz'	parent
'Chara'	
'Ventura'	

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	'LongReach Dakota'	'Chara'	'Janz'	'Ventura'
<input type="checkbox"/> *Plant: growth habit	semi-erect to intermediate	intermediate to semi-prostrate	semi-erect to intermediate	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very low to low	absent or very low	absent or very low	low
<input checked="" type="checkbox"/> *Time of: ear emergence	medium to late	late to very late	early	early to medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium to strong	strong to very strong	weak to medium	strong
<input checked="" type="checkbox"/> *Ear: glaucosity	medium	strong to very strong	strong	strong
<input type="checkbox"/> Culm: glaucosity of neck	very strong	very strong	very strong	very strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering	tapering
<input checked="" type="checkbox"/> *Ear: density	medium to dense	lax to medium	lax to medium	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium	medium	medium to long	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface	very weak to weak	weak	absent or very weak	medium
<input type="checkbox"/> Lower glume: shoulder width	narrow	medium	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	straight to elevated	elevated	slightly sloping to straight
<input checked="" type="checkbox"/> Lower glume: beak length	medium to long	medium to long	long	short
<input type="checkbox"/> Lower glume: beak shape	slightly curved	slightly curved	slightly curved	straight to slightly curved
<input checked="" type="checkbox"/> Lower glume: extent of	very weak	medium to strong	medium	weak

internal hair

<input checked="" type="checkbox"/>	Lowest lemma: beak shape	slightly curved	straight	straight	straight
<input type="checkbox"/>	*Grain: colour	white	white	white	white
<input type="checkbox"/>	*Seasonal type:	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LongReach Dakota'	'Chara'	'Janz'	'Ventura'
<input checked="" type="checkbox"/> Stripe rust gene Yr6: present/absent	present	absent	absent	present
<input checked="" type="checkbox"/> Stem rust gene Sr2: present/absent	present	absent	absent	
<input checked="" type="checkbox"/> Stem rust gene Sr24: present/absent	absent		present	
<input type="checkbox"/> Stripe rust gene YrAPR: present/absent	present	present	present	present
<input checked="" type="checkbox"/> Dwarfing gene Rht2: present/absent	absent		absent	present
<input checked="" type="checkbox"/> Dwarfing gene Rht1: present/absent	present		present	absent
<input type="checkbox"/> Stripe rust gene Yr7: present/absent	present	present	absent	absent
<input type="checkbox"/> Stripe rust gene Yr17: present/absent	absent	absent	absent	present
<input checked="" type="checkbox"/> Leaf rust gene Lr24: present/absent	absent		present	
<input checked="" type="checkbox"/> Cereal Cyst nematode resistance gene Cre1: present/absent	present		absent	
<input type="checkbox"/> Cereal Cyst nematode resistance gene Cre8: present/absent	absent			
<input checked="" type="checkbox"/> Stripe rust gene Yr6: present/absent	present	absent	absent	present
<input checked="" type="checkbox"/> Stem rust gene Sr2: present/absent	present	absent	absent	
<input checked="" type="checkbox"/> Stem rust gene Sr24: present/absent	absent		present	

Statistical Table

Organ/Plant Part: Context	'LongReach	'Chara'	'Janz'	'Ventura'
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Dakota'					
<input checked="" type="checkbox"/>	Plant: length (mm)				
	Mean	681.00	623.00	671.66	725.00
	Std. Deviation	32.49	43.56	29.25	40.24
	LSD/sig	43.37	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/>	Ear: length (mm)				
	Mean	89.60	86.05	80.90	103.10
	Std. Deviation	4.27	6.89	4.58	7.93
	LSD/sig	6.3	ns	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/173
Variety Name	'LongReach Lincoln'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	LRPB Lincoln
Accepted Date	23 Jul 2007
Applicant	The New Zealand Institute for Crop & Food Research Limited, Christchurch, New Zealand
Agent	LongReach Plant Breeders Management Pty Ltd, Bundoora, VIC
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	Jun-Dec 2007.
Conditions	Sown into fallowed brown medium clay soil, pH 8.4 (water), Field L3. 50kgN/ha applied as Urea pre planting. Field irrigated pre planting and two subsequent irrigations (approx 30mm each) during growing season.
Trial Design	Plots arranged in randomised complete blocks, 12m long 2m wide(6 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The cross (96WFHB5568/Otane//Rubric) for 'LongReach Lincoln' was made by Steve Shorter of Crop and Food Research (New Zealand) in Lincoln, NZ in 1998. The line entered Australia as F₅ Rows in an open plot quarantine site managed by Heritage Seeds at Howlong, NSW. In 2003 LongReach breeders entered LPB03-0545 in LRPB stage 1 field trials at sites in NSW, VIC, SA and WA. The line has been evaluated by LongReach in yield and quality trials since 2003 and continuing to 2007. Selection criteria: agronomic type, disease resistance, flour colour. Propagation: seed.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Awns	presence	present
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Plant	frequency of plants with recurved flag leaves	absent or very low
Straw	pith in cross section	thin
Culm	glaucosity of neck	very strong
Ear	shape in profile	tapering
Ear	colour	white
Grain	colour	white
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rubric'	Parent.
'Annuello'	
'Janz'	
'Ventura'	
'Yitpi'	

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	'LongReach Lincoln'	'Annuello'	'Janz'	'Rubric'	'Ventura'	'Yitpi'
<input type="checkbox"/> *Plant: growth habit	intermediate	semi-erect to intermediate	semi-erect to intermediate	intermediate	intermediate	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	very weak to weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low	absent or very low	absent or very low	low	absent or very low
<input type="checkbox"/> *Time of: ear emergence	early to medium	medium	early	medium to late	early to medium	medium to late
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	medium to strong	weak to medium	medium	strong	strong to very strong
<input checked="" type="checkbox"/> *Ear: glaucosity	medium to strong	strong to very strong	strong	medium	strong	very strong
<input type="checkbox"/> Culm: glaucosity of neck	very strong	very strong	very strong	very strong	very strong	very strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin	thin	thin
<input checked="" type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering	parallel sided	tapering	parallel sided
<input type="checkbox"/> *Ear: density	medium	lax to medium	lax to medium	medium to dense	medium	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium to long	medium	medium to long	medium	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness	very weak to weak	weak	absent or very weak	weak	medium	medium

of convex surface							
<input checked="" type="checkbox"/>	Lower glume: shoulder width	medium to broad	narrow	narrow	broad	narrow	medium
<input checked="" type="checkbox"/>	Lower glume: shoulder shape	straight	elevated	elevated	slightly sloping	slightly sloping to straight	straight
<input checked="" type="checkbox"/>	Lower glume: beak length	short to medium	long	long	long to very long	short	medium
<input checked="" type="checkbox"/>	Lower glume: beak shape	straight	slightly curved	slightly curved	straight	straight to slightly curved	straight
<input checked="" type="checkbox"/>	Lower glume: extent of internal hair	very weak	weak	medium	medium	weak	very weak to weak
<input checked="" type="checkbox"/>	Lowest lemma: beak shape	straight to slightly curved	slightly curved	straight		straight	straight to slightly curved
<input type="checkbox"/>	*Grain: colour	white	white	white	white	white	white
<input type="checkbox"/>	*Seasonal type:	spring type	spring type	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part:	'LongReach Lincoln'	'Annuello'	'Janz'	'Rubric'	'Ventura'	'Yitpi'
<input type="checkbox"/> Stripe rust gene Yr6	absent				present	
<input checked="" type="checkbox"/> Stem rust gene Sr24	absent		present			
<input type="checkbox"/> Dwarfing gene Rht2	present	present			present	
<input checked="" type="checkbox"/> Cereal Cyst nematode resistance gene Cre1	absent	present	absent			
<input checked="" type="checkbox"/> Dwarfing gene Rht1	absent		present			
<input type="checkbox"/> Cereal Cyst nematode resistance gene Cre8	absent					present
<input type="checkbox"/> Stripe rust gene Yr17	absent		absent		present	
<input type="checkbox"/> Leaf rust gene Lr24	present		present			

Stripe rust gene present
Yr4

Stripe rust gene absent present present present present
YrAPR

Statistical Table

Organ/Plant Part: 'LongReach Context	'Lincoln'	'Annuello'	'Janz'	'Rubric'	'Ventura'	'Yitpi'
<input checked="" type="checkbox"/> Plant: length (mm)						
Mean	694.50	672.66	671.66	745.33	725.00	745.33
Std. Deviation	36.29	31.94	29.25	44.77	40.24	23.89
LSD/sig	42.51	ns	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Ear: length						
Mean	90.45	89.35	89.35	97.10	103.10	88.85
Std. Deviation	6.76	7.68	4.58	4.70	7.93	6.45
LSD/sig	7.3	ns	ns	ns	P≤0.01	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/171
Variety Name	'LongReach Hornet'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	LRPB Hornet
Accepted Date	19 Jul 2007
Applicant	LongReach Plant Breeders Management Pty Ltd, Bundoora, VIC
Agent	N/A
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	June-Dec 2007.
Conditions	Sown into fallowed brown medium clay soil, pH 8.4 (water), Field L3. 50kgN/ha applied as Urea pre planting. Field irrigated pre planting and two subsequent irrigations (approx 30mm each) during growing season.
Trial Design	Plots arranged in randomised complete blocks, 12m long 2m wide(6 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: The cross Baxter/Sunstate' was made by Dr Lindsay O'Brien in Narrabri NSW in 2001. A line was selected from the progeny at Narrabri in 2001 for creation of double haploids at the SARDI laboratory facilities in Urrbrae, SA. In 2002, LongReach breeders selected LPB03-0685 from double haploid populations in its winter breeding nursery at York, WA. Seed was multiplied in a summer nursery in 2002-2003 at Manjimup, WA. The line was evaluated by LongReach in yield and quality trials commencing in 2003 and continuing to 2007. Selection criteria: agronomic type, disease resistance, flour colour. Propagation: seed.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Awns	presence	present
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Straw	pith in cross section	thin
Culm	glaucosity of neck	strong/very strong
Ear	shape in profile	tapering
Ear	colour	white
Grain	colour	white
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Baxter'	parent
'Sunstate'	parent
'Janz'	
'Ventura'	

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	'LongReach Hornet'	'Baxter'	'Janz'	'Sunstate'	'Ventura'
<input checked="" type="checkbox"/> *Plant: growth habit	intermediate	intermediate	semi-erect to intermediate	semi-erect	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very low to low	absent or very low	absent or very low	low	low
<input checked="" type="checkbox"/> *Time of: ear emergence	medium	medium to late	early	early to medium	early to medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	strong to very strong	weak to medium	medium	strong
<input checked="" type="checkbox"/> *Ear: glaucosity	medium	very strong	strong	strong	strong
<input type="checkbox"/> Culm: glaucosity of neck	very strong	very strong	very strong	strong to very strong	very strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering	tapering	tapering
<input type="checkbox"/> *Ear: density	lax to medium	lax to medium	lax to medium	lax to medium	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium	medium	medium to long	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface	very weak to weak	very weak to weak	absent or very weak	weak	medium
<input type="checkbox"/> Lower glume: shoulder width	narrow to medium	narrow	narrow	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	straight to elevated	elevated	sloping	slightly sloping to

						straight
<input checked="" type="checkbox"/>	Lower glume: beak length	short to medium	short	long	short	short
<input checked="" type="checkbox"/>	Lower glume: beak shape	straight	slightly curved	slightly curved	geniculate	straight to slightly curved
<input checked="" type="checkbox"/>	Lower glume: extent of internal hair	very weak	very weak	medium	medium	weak
<input checked="" type="checkbox"/>	Lowest lemma: beak shape	slightly curved	straight to slightly curved	straight	straight	straight
<input type="checkbox"/>	*Grain: colour	white	white	white	white	white
<input type="checkbox"/>	*Seasonal type:	spring type	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LongReach Hornet'	'Baxter'	'Janz'	'Sunstate'	'Ventura'
<input checked="" type="checkbox"/> Stripe rust gene Yr6	absent				present
<input checked="" type="checkbox"/> Stem rust gene Sr24	absent		present		
<input type="checkbox"/> Stripe rust gene YrAPR	present	present	present	present	present
<input checked="" type="checkbox"/> Dwarfing gene Rht2	absent			present	present
<input type="checkbox"/> Dwarfing gene Rht1	present		present		
<input type="checkbox"/> Stripe rust gene Yr17	present	present	absent	present	present
<input type="checkbox"/> stem rust gene Sr38	present				

Statistical Table

Organ/Plant Part: Context	'LongReach Hornet'	'Baxter'	'Janz'	'Sunstate'	'Ventura'
<input checked="" type="checkbox"/> Plant: length (mm)					
Mean	683.83	813.66	671.66	791.33	725.00
Std. Deviation	27.62	31.89	29.25	22.70	40.24
LSD/sig	36.67	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)					
Mean	100.98	96.40	80.90	100.00	103.10
Std. Deviation	5.94	7.57	4.58	7.71	7.93
LSD/sig	7.7	ns	P≤0.01	ns	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/238
Variety Name	'LongReach Bullet'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	LPB0423
Accepted Date	7 Oct 2007
Applicant	LongReach Plant Breeders Management Pty Ltd, Bundoora, VIC
Agent	N/A
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	Jul-Dec 2007.
Conditions	Sown into fallowed brown medium clay soil, pH 8.4 (water), Field L3. 50kgN/ha applied as Urea pre planting. Field irrigated pre planting and two subsequent irrigations (approx 30mm each) during growing season.
Trial Design	Plots arranged in randomised complete blocks, 12m long 2m wide (6 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: The cross Brookton/Silverstar was made by Dr Russell Eastwood in Horsham, VIC in 1998. The VIDA line 98-023W was selected from the progeny at Horsham in 1999. It was further selected as 98-023W-17-4 in 2000. In 2001, LongReach breeders selected line 98-023W-17-4-1 from segregating base germplasm entered in the AVS (VIDA) breeding nursery at Mallee Research Station, Walpeup, Australia, under the terms of its agreement to develop derived varieties from AVS segregating base germplasm. The line was further selected and evaluated as LPB0423 by LongReach. Selection criteria: agronomic type, disease resistance, grain quality. Propagation: seed.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Awns	presence	present
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Culm	glaucoity of neck	strong/very strong
Ear	shape in profile	tapering
Ear	colour	white
Grain	colour	white
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Silverstar'	Parent.
'H45'	
'H46'	
'Sunstate'	

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	'LongReach Bullet'	'H45'	'H46'	'Silverstar'	'Sunstate'
<input type="checkbox"/> *Plant: growth habit	semi-erect	semi-erect to intermediate	semi-erect	semi-erect to intermediate	semi-erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	high	absent or very low	very high	low	low
<input checked="" type="checkbox"/> *Time of: ear emergence	very early to early	early	very early	medium	early to medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	medium	medium	weak	medium
<input checked="" type="checkbox"/> *Ear: glaucosity	medium to strong	medium	strong	weak	strong
<input type="checkbox"/> Culm: glaucosity of neck	very strong	very strong	very strong	very strong	strong to very strong
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	thin	medium to thick	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering	tapering	tapering
<input type="checkbox"/> *Ear: density	medium	lax	lax to medium	lax to medium	lax to medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium to long	medium	medium to long	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface	very weak to weak	absent or very weak	very weak to weak	medium	weak
<input type="checkbox"/> Lower glume: shoulder width	narrow	narrow	narrow to medium	narrow	narrow
<input type="checkbox"/> Lower glume:	sloping	slightly sloping	sloping	sloping	sloping

shoulder shape						
<input checked="" type="checkbox"/>	Lower glume: beak length	medium	short	short	long	short
<input checked="" type="checkbox"/>	Lower glume: beak shape	straight	moderately curved	slightly curved	straight to slightly curved	geniculate
<input checked="" type="checkbox"/>	Lower glume: extent of internal hair	very weak	medium	very weak	medium	medium
<input type="checkbox"/>	Lowest lemma: beak shape	straight to slightly curved	straight	slightly curved	straight to slightly curved	straight
<input type="checkbox"/>	*Grain: colour	white	white	white	white	white
<input type="checkbox"/>	*Seasonal type:	spring type	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'LongReach Bullet'	'H45'	'H46'	'Silverstar'	'Sunstate'
<input type="checkbox"/> Stripe rust gene Yr6	present				
<input type="checkbox"/> Stripe rust gene YrAPR	present	present			present
<input checked="" type="checkbox"/> Dwarfing gene Rht2	absent				present
<input checked="" type="checkbox"/> Hardness gene PinB-d	absent				present
<input type="checkbox"/> Stripe rust gene Yr7	present	present	present		
<input checked="" type="checkbox"/> Stripe rust gene Yr17	absent	present	present		present
<input checked="" type="checkbox"/> Hardness gene PinB-b	absent		present	present	

Statistical Table

Organ/Plant Part: Context	'LongReach Bullet'	'H45'	'H46'	'Silverstar'	'Sunstate'
<input checked="" type="checkbox"/> Plant: length (mm)					
Mean	645.50	656.00	641.33	674.00	729.66
Std. Deviation	58.66	49.03	44.31	30.13	54.42
LSD/sig	49.28	ns	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)					
Mean	76.40	94.70	91.50	94.75	102.90
Std. Deviation	4.67	4.41	5.40	5.25	5.85
LSD/sig	5.58	P≤0.01	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2006/296
Variety Name	'LongReach Catalina'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	LRPB Catalina
Accepted Date	17 Jan 2007
Applicant	LongReach Plant Breeders Management Pty Ltd, Bundoora, VIC
Agent	N/A
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	June-Dec 2007.
Conditions	Sown into fallowed brown medium clay soil, pH 8.4 (water), Field L3. 50kgN/ha applied as Urea pre planting. Field irrigated pre planting and two subsequent irrigations (approx 30mm each) during growing season.
Trial Design	Plots arranged in randomised complete blocks, 12m long 2m wide(6 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: Victorian Department of Primary Industries (DPIRV) VIDA Horsham made original cross VI184 x Silverstar in 1998. This was followed by pedigree selection: F₁ DPIRV VIDA Horsham Glasshouse 97-019W in 1999. F₂ DPIRV VIDA Horsham Space plant selection row, DPIRV breeder selected single plants 97-019W-15 in 2000. F₃ DPIRV VIDA Horsham 3 Row Observation plots, DPIRV breeder selected single plants 97-019W-15 in 2001. F₄ LongReach Plant Breeders (LRPB) MRS Walpeup F₄ Spaced planted rows, LRPB breeder selected single plants 97-019W-15-4 in 2001/02. F₅ LongReach PBC Horsham (summer nursery) F₅ Rows, Harvest in bulk under supervision of LRPB 97-019W-15-4 in 2002. F₆ LongReach Field sites in NSW, Victoria, SA & WA LongReach PB Stage1 trials LPB0268 in 2003. F₇ LongReach Field sites in NSW, Victoria, SA & WA LongReach PB Stage2 trials LPB0268 in 2004. F₈ LongReach Field sites in NSW, Victoria, SA & WA LongReach PB Elite trials (Stage3), Breeder seed production, LPB0268 in 2005. F₉ LongReach Field sites in QLD, NSW, VIC, SA & WA LongReach PB Elite trials (Stage4), Basic seed production, Preliminary Classification LPB0268 in 2006. F₁₀ LongReach Field sites in Qld, NSW, Victoria, SA & WA LongReach PB Elite trials (Stage5), Commercial seed production, Final Classification LPB0268 ('LongReach Catalina'). Selection criteria: agronomic type, disease resistance, grain quality. Propagation: seed.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Awns	presence	present
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Plant	frequency of plants with recurved flag leaves	absent or very low/low
Straw	pith in cross section	thin
Culm	glaucosity of neck	very strong
Ear	colour	white
Grain	colour	white
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Silverstar’	parent
‘Yitpi’	
‘Janz’	
‘Anneullo’	

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	‘LongReach Catalina’	‘Anneullo’	‘Janz’	‘Silverstar’	‘Yitpi’
<input type="checkbox"/> *Plant: growth habit	semi-erect to intermediate	semi-erect to intermediate	semi-erect to intermediate	semi-erect to intermediate	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak			
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low	absent or very low	low	absent or very low
<input checked="" type="checkbox"/> *Time of: ear emergence	very early to early	medium	early	medium	medium to late
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	medium to strong	weak to medium	weak	strong to very strong
<input checked="" type="checkbox"/> *Ear: glaucosity	medium to strong	strong to very strong	strong	weak	very strong
<input type="checkbox"/> Culm: glaucosity of neck	very strong	very strong	very strong	very strong	very strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin	thin
<input checked="" type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering	tapering	parallel sided
<input checked="" type="checkbox"/> *Ear: density	medium to dense	lax to medium	lax to medium	lax to medium	medium
<input type="checkbox"/> *Awns or scurs:	awns present	awns present	awns present	awns present	awns present

presence

<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium	medium	medium to long	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface	very weak to weak	weak	absent or very weak	absent or very weak	medium
<input checked="" type="checkbox"/> Lower glume: shoulder width	very narrow to narrow	narrow	narrow	narrow	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	sloping	elevated	elevated	sloping	straight
<input checked="" type="checkbox"/> Lower glume: beak length	medium	long	long	long	medium
<input checked="" type="checkbox"/> Lower glume: beak shape	slightly curved	slightly curved	slightly curved	slightly curved	straight
<input checked="" type="checkbox"/> Lower glume: extent of internal hair	very weak to weak	weak	medium	medium	very weak to weak
<input checked="" type="checkbox"/> Lowest lemma: beak shape	straight	slightly curved	straight	straight to slightly curved	straight to slightly curved
<input type="checkbox"/> *Grain: colour	white	white	white	white	white
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘LongReach Catalina’	‘Anneullo’	‘Janz’	‘Silverstar’	‘Yitpi’
<input checked="" type="checkbox"/> Stripe rust gene Yr6: present/absent	present		absent		
<input type="checkbox"/> Stem rust gene Sr2: present/absent	absent		absent		
<input checked="" type="checkbox"/> Stem rust gene Sr24: present/absent	absent		present		
<input type="checkbox"/> Stripe rust gene YrAPR: present/absent	present	present	present		present
<input checked="" type="checkbox"/> Dwarfing gene Rht2: present/absent	absent	present	absent		
<input checked="" type="checkbox"/> Cereal Cyst nematode resistance gene Cre1: present/absent	present	present	absent		
<input type="checkbox"/> Dwarfing gene Rht1: present/absent	present		present		
<input checked="" type="checkbox"/> Cereal Cyst	absent				present

nematode resistance gene

Cre8: present/absent

 Hardness gene PinB- present
 d: present/absent

 Stripe rust gene Yr7: present
 present/absent

 Hardness gene PinB- absent present
 b: present/absent

 Leaf rust gene Lr24: absent present
 present/absent

 Stem rust gene Sr9g: present
 present/absent

 Stem rust gene Sr30: present
 present/absent
Statistical Table

Organ/Plant Part: Context	'LongReach Catalina'	'Anneullo'	'Janz'	'Silverstar'	'Yitpi'
<input checked="" type="checkbox"/> Plant: length (mm)					
Mean	651.16	672.66	671.66	680.00	745.33
Std. Deviation	50.45	31.94	29.25	49.76	23.89
LSD/sig	48.89	ns	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)					
Mean	93.20	89.35	80.90	92.25	88.85
Std. Deviation	7.89	7.68	4.58	6.96	6.45
Lsd/sig	8.15	ns	P≤0.01	ns	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2006/295
Variety Name	'LongReach Guardian'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	LRPB Guardian
Accepted Date	17 Jan 2007
Applicant	LongReach Plant Breeders Management Pty Ltd, Bundoora, VIC
Agent	N/A
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	Jun-Dec 2007.
Conditions	Sown into fallowed brown medium clay soil, pH 8.4 (water), Field L3. 50kgN/ha applied as Urea pre planting. Field irrigated pre planting and two subsequent irrigations (approx 30mm each) during growing season.
Trial Design	Plots arranged in randomised complete blocks, 12m long 2m wide(6 rows) in 3 replicates.
Measurements	taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	N/A.

Origin and Breeding

Controlled pollination: the cross VL709/Krichauff for 'LongReach Guardian' was made by Dr Russell Eastwood in Horsham, VIC in 1998. The VIDA line 98-043W was selected from the progeny at Horsham in 1999. It was further selected as 98-043W-7-1 in 2000. In 2001 LongReach breeders selected line 98-043W-7-1 from segregating base germplasm entered in the AVS (VIDA) breeding nursery at Mallee Research Station, Walpeup, Australia, under the terms of its agreement to develop derived varieties from AVS segregating base germplasm. The line was further selected and evaluated as LPB0268 by LongReach plant breeders. Selection criteria: agronomic type, disease resistance, flour colour. Propagation: seed.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Awns	presence	present
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Plant	frequency of plants with recurved flag leaves	absent or very low
Culm	glaucosity of neck	very strong
Ear	colour	white
Grain	colour	white
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Krichauff'	parent
'Janz'	
'Annuello'	
'Yitpi'	

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	'LongReach Guardian'	'Annuello'	'Janz'	'Krichauff'	'Yitpi'
<input checked="" type="checkbox"/> *Plant: growth habit	semi-erect	semi-erect to intermediate	semi-erect to intermediate	semi-erect	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<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	absent or very low
<input checked="" type="checkbox"/> *Time of: ear emergence	early	medium	early	early	medium to late
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	medium to strong	weak to medium	strong to very strong	strong to very strong
<input type="checkbox"/> *Ear: glaucosity	strong	strong to very strong	strong	strong to very strong	very strong
<input type="checkbox"/> Culm: glaucosity of neck	very strong	very strong	very strong	very strong	very strong
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	medium	thin
<input checked="" type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering	tapering	parallel sided
<input checked="" type="checkbox"/> *Ear: density	medium to dense	lax to medium	lax to medium	medium to dense	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium to long	medium	medium to long	medium to long	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white	white
<input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface	very weak to weak	weak	absent or very weak	weak to medium	medium
<input checked="" type="checkbox"/> Lower glume: shoulder width	very narrow to narrow	narrow	narrow	very narrow to narrow	medium
<input checked="" type="checkbox"/> Lower glume:	sloping	elevated	elevated	sloping	straight

shoulder shape						
<input checked="" type="checkbox"/>	Lower glume: beak length	medium	long	long	long	medium
<input checked="" type="checkbox"/>	Lower glume: beak shape	slightly curved	slightly curved	slightly curved	slightly curved	straight
<input checked="" type="checkbox"/>	Lower glume: extent of internal hair	weak	weak	medium	very weak	very weak to weak
<input checked="" type="checkbox"/>	Lowest lemma: beak shape	straight	slightly curved	straight	straight to slightly curved	straight to slightly curved
<input type="checkbox"/>	*Grain: colour	white	white	white	white	white
<input type="checkbox"/>	*Seasonal type:	spring type	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘LongReach Guardian’	‘Annuello’	‘Janz’	‘Krichauff’	‘Yitpi’
<input checked="" type="checkbox"/> Stem rust gene Sr2	present		absent		
<input type="checkbox"/> Stem rust gene Sr24	present		present		
<input checked="" type="checkbox"/> Stem rust gene Sr30	present		absent		
<input checked="" type="checkbox"/> Dwarfing gene Rht2	absent	present			
<input checked="" type="checkbox"/> Dwarfing gene Rht1	present				
<input checked="" type="checkbox"/> Cereal Cyst nematode resistance gene Cre8	absent				present
<input checked="" type="checkbox"/> Cereal Cyst nematode resistance gene Cre1	present				absent
<input checked="" type="checkbox"/> Stem rust gene Sr15	absent				

Statistical Table

Organ/Plant Part: Context	‘LongReach Guardian’	‘Annuello’	‘Janz’	‘Krichauff’	‘Yitpi’
<input checked="" type="checkbox"/> Plant: length (mm)					
Mean	783.67	672.66	671.66	693.66	745.33
Std. Deviation	37.01	31.94	29.25	45.82	23.89
LSD/sig	42.21	P≤0.01	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: length (mm)					
Mean	78.48	89.35	80.90	76.55	88.85
Std. Deviation	4.65	7.68	4.58	5.71	6.45
LSD/sig	6.62	P≤0.01	ns	ns	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2008/091
Variety Name	'A-1'
Genus Species	<i>Zoysia matrella</i>
Common Name	Manila Grass
Synonym	Nil
Accepted Date	6 May 2008
Applicant	GeneGro Pty Ltd, Alexandra Hills, QLD
Agent	N/A
Qualified Person	Matthew Roche

Details of Comparative Trial

Location	QDPI&F Turf Research, Redlands Research Station, Cleveland, Qld. (Latitude 27°32'S, 153°15'E, elevation <25 masl).
Descriptor	<i>Cynodon dactylon</i> x <i>C. transvaalensis</i> (Cynodon hybrid) PBR CYNO.
Period	20 Feb – 10 Dec 2003.
Conditions	Rooted plugs 5cm in diameter were taken from nursery stock and planted on a red volcanic (krasnozem) soil on 3 Mar 2003; plants not defoliated; weed control by pre-emergence oxadiazon 20 Feb and 23 Jul 2003; broadleaf weed control by fluroxypyr 27 Mar 2003 and nutrition maintained by slow release fertiliser (18-10-9) 10 Mar, 10 Apr, 21 May and (24:2:9) 23 Jul 2003.
Trial Design	Thirty (30) spaced plants of each cultivar ('A-1', 'Facet' and 'Cavalier') were arranged in three (3) randomised blocks with ten (10) plants per plot on a 1m x 1m spacing.
Measurements	Four (4) diameter of spread measurements were taken per plant (22 Aug 2003); two (2) stolons per plant were collected 6-10 Oct 2003 and stolon and leaf characteristics were measured; two (2) shoot and inflorescence measurements per plant were taken 17-19 Sep 2003; exposed stolon and leaf colour (16 Jul 2003), along with digital images were taken (10 Dec 2003).
RHS Chart - edition	2001 edition

Origin and Breeding

'A-1' was selected from a breeding population of 40 seedling *Zoysia matrella* plants from various parts of Southeast Asia (Japan, Philippines, China, Korea, Vietnam and Thailand). The original plants were vegetatively propagated and evaluated first in pots. A shortlist of selected genotypes was expanded to field plantings at Sheldon, QLD and evaluated against existing *Z. matrella* and *Z. matrella* x *Z. japonica* hybrid cultivars under mowing heights from 10 to 25mm and under shade levels ranging from 0 to 80%. 'A-1' showed higher tiller density and a more prostrate growth habit than the parent ecotype, and was selected from the subsequent breeding population on the basis of its superior turf colour and quality under mowing for 6 years and its shade tolerance as shown by its ability to maintain density of the mown sward under greatly reduced light levels (70-80% shade). Additional observations regarding climatic adaptation were made in Cairns, QLD, and Melbourne, VIC, respectively. Breeder: Donald S Loch, Alexandra Hills, 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
Stolon leaf blade	length	short
Leaves on flowering culms	length	medium-short
Leaves on flowering culms	width	narrow
Lateral spread	growth	slow
Stolon internode	length	short
Stolon leaf blade	width	narrow
Leaf sheath on flowering culms	length	short
Peduncle	length	long
Peduncle	diameter	thin
Spike	length	short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Facet'	
'Cavalier'	

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	'A-1'	'Cavalier'	'Facet'
<input type="checkbox"/> Plant: ploidy	diploid		
<input type="checkbox"/> Plant: habit	creeping		
<input type="checkbox"/> Plant: type	mat-forming		
<input type="checkbox"/> Plant: height	very short		
<input type="checkbox"/> Plant: longevity	perennial		
<input type="checkbox"/> Plant: spreading	stolons		
<input type="checkbox"/> Stolon: nodes	compound		
<input type="checkbox"/> Stolon: internode length	short		
<input type="checkbox"/> Stolon: internode thickness	thin		
<input type="checkbox"/> Stolon: colour when exposed to sunlight	N79A	N79A	N79A
<input type="checkbox"/> Leaf blade: shape	linear-triangular		
<input type="checkbox"/> Stolon: leaf blade	greatly reduced (vestigial)		
<input type="checkbox"/> Leaf blade: width	very narrow		
<input type="checkbox"/> Leaf blade: colour	137A	137A	137A
<input type="checkbox"/> Ligule: appearance	silky hairs		
<input type="checkbox"/> Inflorescence: type	spike-like raceme		
<input type="checkbox"/> Inflorescence: length of peduncle	long		

Statistical Table

Organ/Plant Part: Context	'A-1'	'Cavalier'	'Facet'
<input checked="" type="checkbox"/> Plant: mean diameter after 173 days (cm)			
Mean	46.40	82.70	37.50
Std. Deviation	20.40	21.00	11.10
LSD/sig	21.5	P≤0.01	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node two (spaced plants)			
Mean	1.08	1.20	1.37
Std. Deviation	0.28	0.40	0.49
LSD/sig	0.36	ns	ns
<input type="checkbox"/> Stolon node: number of branch stolons at node three (spaced plants)			
Mean	1.87	2.05	2.38
Std. Deviation	0.43	0.34	0.85
LSD/sig	0.54	ns	ns
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node four (spaced plants)			
Mean	2.30	3.18	4.13
Std. Deviation	0.59	0.79	1.19
LSD/sig	0.74	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node five (spaced plants)			
Mean	3.75	4.37	6.00
Std. Deviation	0.97	0.90	1.43
LSD/sig	0.66	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon node: number of branch stolons at node six (spaced plants)			
Mean	5.12	5.73	7.50
Std. Deviation	1.26	1.54	1.90
LSD/sig	1.33	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon node: length of fourth internode from stolon tip (mm)			
Mean	23.04	24.55	11.12
Std. Deviation	4.64	5.48	2.28
LSD/sig	5.67	ns	P≤0.01
<input type="checkbox"/> Stolon node: diameter of fourth internode from stolon tip (mm)			
Mean	1.37	1.39	1.36
Std. Deviation	0.15	0.15	0.18
LSD/sig	0.17	ns	ns
<input checked="" type="checkbox"/> Stolon node: length of sheath on fourth visible node from stolon tip (mm)			
Mean	20.05	18.11	13.45
Std. Deviation	3.04	3.23	2.72
LSD/sig	3.95	ns	P≤0.01
<input type="checkbox"/> Stolon node: length of leaf blade on fourth visible node from stolon tip (mm)			
Mean	4.29	3.08	1.53
Std. Deviation	0.84	0.74	0.40
LSD/sig	0.74	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stolon node: width of leaf blade on fourth visible node from stolon tip (mm)			
Mean	0.85	0.73	0.50
Std. Deviation	0.13	0.16	0.12

LSD/sig	0.16	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon node: length:width ratio of fourth visible node from stolon tip			
Mean	5.07	4.26	3.07
Std. Deviation	0.73	0.93	0.72
LSD/sig	0.94	ns	P≤0.01
<input type="checkbox"/> Flowering tiller: length of sheath on flag leaf on flowering tillers (mm)			
Mean	22.73	19.70	13.99
Std. Deviation	4.67	2.27	1.55
LSD/sig	3.34	ns	P≤0.01
<input type="checkbox"/> Flowering tiller: length of blade on flag leaf on flowering tillers (mm)			
Mean	3.90	3.61	3.35
Std. Deviation	1.97	1.21	1.21
LSD/sig	0.98	ns	ns
<input type="checkbox"/> Flowering tiller: width of blade on flag leaf on flowering tillers (mm)			
Mean	0.71	0.82	0.66
Std. Deviation	0.26	0.22	0.24
LSD/sig	0.23	ns	ns
<input type="checkbox"/> Flowering tiller: length:width ratio of flag leaf blade on flowering tillers			
Mean	5.49	4.45	5.18
Std. Deviation	2.07	1.02	1.28
LSD/sig	1.46	ns	ns
<input checked="" type="checkbox"/> Flowering tiller: length of sheath on fourth leaf on flowering tillers (mm)			
Mean	10.22	14.10	7.96
Std. Deviation	2.55	3.52	1.23
LSD/sig	2.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: length of blade on fourth leaf on flowering tillers (mm)			
Mean	17.98	29.16	15.56
Std. Deviation	6.05	9.00	2.99
LSD/sig	4.75	P≤0.01	P≤0.01
<input type="checkbox"/> Flowering tiller: width of blade on fourth leaf on flowering tillers (mm)			
Mean	1.61	1.93	1.53
Std. Deviation	0.40	0.32	0.25
LSD/sig	0.40	ns	ns
<input checked="" type="checkbox"/> Flowering tiller: length:width ratio of fourth leaf blade on flowering tillers			
Mean	11.12	15.04	10.33
Std. Deviation	2.47	3.63	2.15
LSD/sig	2.05	P≤0.01	ns
<input type="checkbox"/> Flowering tiller: length of peduncle (mm)			
Mean	41.54	34.92	19.71
Std. Deviation	11.78	6.35	3.57
LSD/sig	8.58	ns	P≤0.01
<input checked="" type="checkbox"/> Flowering tiller: diameter of peduncle (mm)			
Mean	0.56	0.73	0.43
Std. Deviation	0.10	0.10	0.06
LSD/sig	0.07	P≤0.01	P≤0.01

<input type="checkbox"/>	Inflorescence: mean spike length (mm)			
	Mean	17.94	15.05	10.68
	Std. Deviation	2.52	1.48	1.20
	LSD/sig	1.35	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets per inflorescence			
	Mean	23.50	17.98	9.03
	Std. Deviation	3.70	3.98	1.59
	LSD/sig	2.48	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: M.B. Roche, QDPI&F Turf Research, Redlands Research Station, Cleveland, QLD.

GRANTS

Arachis hypogaea

PEANUT, GROUND NUT

‘Ashton’^ϕ

Application No: 2006/065 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries**, Brisbane, QLD and **Grains Research and Development Corporation**, Barton, ACT.

Certificate No: 3468 Expiry Date: 29 February, 2028.

‘Sutherland’^ϕ

Application No: 2006/066 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries** Brisbane, QLD and **Grains Research and Development Corporation**, Barton, ACT.

Certificate No: 3469 Expiry Date: 29 February, 2028.

‘Walter’^ϕ

Application No: 2006/067 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries** Brisbane, QLD and **Grains Research and Development Corporation**, Barton, ACT.

Certificate No: 3470 Expiry Date: 29 February, 2028.

Avena sativa

OATS

‘Qantom’^ϕ

Application No: 2006/120 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries**, Brisbane, QLD.

Certificate No: 3456 Expiry Date: 30 January, 2028.

Banksia spinulosa

HAIRPIN BANKSIA

‘Cherry Candles’^ϕ

Application No: 2005/011 Grantee: **Austrafloora Pty Ltd.**

Certificate No: 3457 Expiry Date: 31 January, 2028.

Agent: **Bill Molyneux**, Yarra Glen, VIC.

Calibrachoa hybrid

CALIBRACHOA

‘Kakegawa S62’^ϕ

Application No: 2005/327 Grantee: **Sakata Seed Corporation.**

Certificate No: 3436 Expiry Date: 15 January, 2028.

Agent: **Protected Plant Promotions Australia Pty Ltd**, Macquarie Fields, NSW.

‘Kakegawa S63’^ϕ

Application No: 2005/328 Grantee: **Sakata Seed Corporation.**

Certificate No: 3435 Expiry Date: 15 January, 2028.

Agent: **Protected Plant Promotions Australia Pty Ltd**, Macquarie Fields, NSW.

‘Kakegawa S64’^ϕ

Application No: 2005/329 Grantee: **Sakata Seed Corporation**.

Certificate No: 3433 Expiry Date: 15 January, 2028.

Agent: **Protected Plant Promotions Australia Pty Ltd**, Macquarie Fields, NSW.

‘Kakegawa S65’^ϕ

Application No: 2005/330 Grantee: **Sakata Seed Corporation**.

Certificate No: 3434 Expiry Date: 15 January, 2028.

Agent: **Protected Plant Promotions Australia Pty Ltd**, Macquarie Fields, NSW.

Capparis spinosa subsp. *Rupestris*

CAPER BUSH

‘Eureka’^ϕ

Application No: 2006/061 Grantee: **Brian Noone**, Ethelton, SA.

Certificate No: 3463 Expiry Date: 13 February, 2028.

Citrullus lanatus

WATERMELON

‘90-4194’^ϕ

Application No: 2004/017 Grantee: **Syngenta Crop Protection AG**.

Certificate No: 3475 Expiry Date: 29 February, 2028.

Agent: **Syngenta Seeds Pty Ltd**, Dandenong South, VIC.

‘Side Kick’^ϕ

Application No: 2006/034 Grantee: **Harris Moran Seed Company**.

Certificate No: 3494 Expiry Date: 27 March, 2028.

Agent: **VF Solutions - postal address for service of notices on the applicant**, Tuross Heads, NSW.

Dianella caerulea

BLUE FLAX-LILY, UMBRELLA DRACAENA

‘John 316’^ϕ

Application No: 2006/035 Grantee: **Nuanong Chuawong**.

Certificate No: 3455 Expiry Date: 30 January, 2028.

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

Fragaria Xananassa

STRAWBERRY

‘Driscoll Osceola’^ϕ

Application No: 2006/076 Grantee: **Driscoll Strawberry Associates, Inc.**

Certificate No: 3467 Expiry Date: 29 February, 2028.
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

‘Driscoll Sanibel’^ϕ

Application No: 2006/075 Grantee: **Driscoll Strawberry Associates, Inc.**
Certificate No: 3466 Expiry Date: 29 February, 2028.
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

Fuchsia hybrid

FUCHSIA

‘Goetzgene’^ϕ

Application No: 2001/331 Grantee: **Wolfram Goetz**.
Certificate No: 3437 Expiry Date: 15 January, 2028.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

‘Goetzginger’^ϕ

Application No: 2001/332 Grantee: **Wolfram Goetz**.
Certificate No: 3438 Expiry Date: 15 January, 2028.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

‘Marcia’^ϕ

Application No: 2001/333 Grantee: **Wolfram Goetz**.
Certificate No: 3439 Expiry Date: 15 January, 2028.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

‘Shirley’^ϕ

Application No: 2001/334 Grantee: **Wolfram Goetz**.
Certificate No: 3440 Expiry Date: 15 January, 2028.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Gaura lindheimeri

GAURA, BUTTERFLY BUSH

‘Siskiyou White’^ϕ

Application No: 2005/041 Grantee: **Plant Growers Australia Pty Ltd**.
Certificate No: 3441 Expiry Date: 30 January, 2028.
Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Gossypium hirsutum

COTTON

‘Sicala 350B’^ϕ

Application No: 2005/194 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.
Certificate No: 3461 Expiry Date: 13 February, 2028.

‘Sicot 71B’^ϕ

Application No: 2005/196 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.
 Certificate No: 3462 Expiry Date: 13 February, 2028.

Hordeum vulgare

BARLEY

‘Dictator 2’^ϕ

Application No: 2006/159 Grantee: **New Zealand Institute for Crop & Food Research Limited**.
 Certificate No: 3476 Expiry Date: 29 February, 2028.
 Agent: **Heritage Seeds Pty. Ltd.**, Mulgrave, VIC.

Lactuca sativa

LETTUCE

‘Freedom’^ϕ

Application No: 2005/313 Grantee: **Seminis Vegetable Seeds, Inc.**.
 Certificate No: 3500 Expiry Date: 27 March, 2028.
 Agent: **Seminis Vegetable Seeds New Zealand Ltd.**, Ivanhoe, VIC.

‘PS 6545691’^ϕ

Application No: 2004/172 Grantee: **Seminis Vegetable Seeds, Inc.**.
 Certificate No: 3498 Expiry Date: 27 March, 2028.
 Agent: **Seminis Vegetable Seeds New Zealand Ltd.**, Ivanhoe, VIC.

‘PS 6545701’^ϕ

Application No: 2004/173 Grantee: **Seminis Vegetable Seeds, Inc.**.
 Certificate No: 3499 Expiry Date: 27 March, 2028.
 Agent: **Seminis Vegetable Seeds New Zealand Ltd.**, Ivanhoe, VIC.

Lavandula hybrid

ITALIAN LAVENDER

‘Blueberry Ruffles’^ϕ

Application No: 2005/170 Grantee: **Plant Growers Australia Pty Ltd**.
 Certificate No: 3448 Expiry Date: 30 January, 2028.
 Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

‘Boysenberry Ruffles’^ϕ

Application No: 2005/168 Grantee: **Plant Growers Australia Pty Ltd**.
 Certificate No: 3446 Expiry Date: 30 January, 2028.
 Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

‘Mulberry Ruffles’^ϕ

Application No: 2005/169 Grantee: **Plant Growers Australia Pty Ltd**.
 Certificate No: 3447 Expiry Date: 30 January, 2028.
 Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

‘Peachberry Ruffles’^ϕ

Application No: 2005/261 Grantee: **Plant Growers Australia Pty Ltd.**
 Certificate No: 3450 Expiry Date: 30 January, 2028.
 Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

‘Salvation’^ϕ

Application No: 2005/187 Grantee: **Plant Growers Australia Pty Ltd.**
 Certificate No: 3449 Expiry Date: 30 January, 2028.
 Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

‘Sugarberry Ruffles’^ϕ

Application No: 2005/167 Grantee: **Plant Growers Australia Pty Ltd.**
 Certificate No: 3445 Expiry Date: 30 January, 2028.
 Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

‘Violet Lace’^ϕ

Application No: 2005/125 Grantee: **Plant Growers Australia Pty Ltd.**
 Certificate No: 3444 Expiry Date: 30 January, 2028.
 Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

‘Winter Lace’^ϕ

Application No: 2005/124 Grantee: **Plant Growers Australia Pty Ltd.**
 Certificate No: 3443 Expiry Date: 30 January, 2028.
 Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

‘With Love’^ϕ

Application No: 2005/085 Grantee: **Plant Growers Australia Pty Ltd.**
 Certificate No: 3442 Expiry Date: 30 January, 2028.
 Agent: **Plants Management Australia Pty Ltd**, Dodges Ferry, TAS.

Lolium perenne

PERENNIAL RYEGRASS

‘Bealey’^ϕ

Application No: 2007/040 Grantee: **New Zealand Agriseeds Ltd.**
 Certificate No: 3474 Expiry Date: 29 February, 2028.
 Agent: **Heritage Seeds Pty Ltd**, Howlong, NSW.

Magnolia grandiflora

SOUTHERN MAGNOLIA

‘Kay Parris’^ϕ

Application No: 2005/264 Grantee: **Gilbert's Nursery, Inc.**
 Certificate No: 3483 Expiry Date: 5 March, 2033.
 Agent: **Leo Koelewyn**, Monbulk, VIC.

'STRGRA'^ϕ

Application No: 1999/364 Grantee: **Edward & Patricia Strauss & Leo Koelewyn**.
 Certificate No: 3464 Expiry Date: 28 February, 2033.
 Agent: **Leo Koelewyn**, Monbulk, VIC.

Malus hybrid

APPLE

'Nicogreen'^ϕ

Application No: 2004/318 Grantee: **Better3Fruit n.v.**
 Certificate No: 3473 Expiry Date: 28 February, 2033.
 Agent: **Garry Langford**, Grove, TAS.

'Nicoter'^ϕ

Application No: 2004/319 Grantee: **Better3Fruit n.v.**
 Certificate No: 3505 Expiry Date: 31 March, 2033.
 Agent: **Garry Langford**, Grove, TAS.

Medicago sativa

LUCERNE

'PacL 901'^ϕ

Application No: 2005/224 Grantee: **The University of Queensland on behalf of the Participants of the Cooperative Research Centre for Tropical Plant Protection, Brisbane, QLD and Grains Research and Development Corporation, Barton, ACT**.
 Certificate No: 3506 Expiry Date: 1 April, 2028.
 Agent: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

Phormium tenax

NEW ZEALAND FLAX

'PHOS2'^ϕ

Application No: 2004/251 Grantee: **Ozbreed Pty Ltd**, Richmond, NSW.
 Certificate No: 3451 Expiry Date: 30 January, 2028.

'PHOS3'^ϕ

Application No: 2005/350 Grantee: **Ozbreed Pty Ltd**, Richmond, NSW.
 Certificate No: 3452 Expiry Date: 30 January, 2028.

Plectranthus hilliardiae x *Plectranthus saccatus*

SPURFLOWER

'K111201'^ϕ

Application No: 2006/276 Grantee: **Gert J Brits (Dr)**.
 Certificate No: 3481 Expiry Date: 29 February, 2028.
 Agent: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.

‘K011101’^ϕ

Application No: 2006/275 Grantee: **Gert J Brits (Dr)**.
 Certificate No: 3480 Expiry Date: 29 February, 2028.
 Agent: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.

Protea cynaroides

GIANT PROTEA, KING PROTEA

‘Little Prince’^ϕ

Application No: 2004/203 Grantee: **Agricultural Research Council**.
 Certificate No: 3432 Expiry Date: 11 January, 2028.
 Agent: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.

Prunus avium

SWEET CHERRY

‘Glenoia’^ϕ

Application No: 2006/348 Grantee: **Lowell G. Bradford**.
 Certificate No: 3490 Expiry Date: 25 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Glenrock’^ϕ

Application No: 2006/343 Grantee: **Lowell G. Bradford**.
 Certificate No: 3493 Expiry Date: 26 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

Prunus persica

PEACH

‘Ivory Queen’^ϕ

Application No: 2006/346 Grantee: **Lowell G. Bradford**.
 Certificate No: 3488 Expiry Date: 25 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Candyprincess’^ϕ syn Grand Princess^ϕ

Application No: 2006/342 Grantee: **Lowell G. Bradford**.
 Certificate No: 3492 Expiry Date: 26 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Bright Princess’^ϕ

Application No: 2006/347 Grantee: **Lowell G. Bradford**.
 Certificate No: 3489 Expiry Date: 25 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Sierra Snow’^ϕ

Application No: 2003/368 Grantee: **Zaiger's Inc. Genetics**.
 Certificate No: 3503 Expiry Date: 28 March, 2033.
 Agent: **Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC.

‘Snowfall’^ϕ

Application No: 2003/369 Grantee: **Zaiger's Inc. Genetics.**
 Certificate No: 3504 Expiry Date: 28 March, 2033.
 Agent: **Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC.

‘Spring Princess’^ϕ

Application No: 2006/340 Grantee: **Lowell G. Bradford.**
 Certificate No: 3484 Expiry Date: 13 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Sugar Time’^ϕ

Application No: 2003/367 Grantee: **Zaiger's Inc. Genetics.**
 Certificate No: 3502 Expiry Date: 28 March, 2033.
 Agent: **Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC.

Prunus persica var. *nucipersica*

NECTARINE

‘August Bright’^ϕ

Application No: 2006/345 Grantee: **Lowell G. Bradford.**
 Certificate No: 3487 Expiry Date: 25 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Grand Bright’^ϕ

Application No: 2006/341 Grantee: **Lowell G. Bradford.**
 Certificate No: 3485 Expiry Date: 13 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Rose Bright’^ϕ

Application No: 2006/344 Grantee: **Lowell G. Bradford.**
 Certificate No: 3486 Expiry Date: 25 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Western Sweet’^ϕ

Application No: 2006/349 Grantee: **Lowell G. Bradford.**
 Certificate No: 3491 Expiry Date: 25 March, 2033.
 Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

Rubus idaeus

RASPBERRY

‘Dulcita’^ϕ

Application No: 2003/336 Grantee: **Driscoll Strawberry Associates, Inc.**
 Certificate No: 3471 Expiry Date: 29 February, 2028.
 Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

‘Francesca’^ϕ

Application No: 2003/337 Grantee: **Driscoll Strawberry Associates, Inc.**
 Certificate No: 3472 Expiry Date: 29 February, 2028.
 Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

‘RAFZAQU’^ϕ

Application No: 2005/116 Grantee: **Promo-Fruit AG SA Ltd.**
 Certificate No: 3478 Expiry Date: 29 February, 2028.
 Agent: **Davies Collison Cave**, Sydney, NSW.

Serruria florida x *Serruria rosea*

SERRURIA

‘Pretty 'n' Pink’^ϕ

Application No: 2006/263 Grantee: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.
 Certificate No: 3479 Expiry Date: 29 February, 2028.

Spathiphyllum hybrid

PEACE LILY

‘Stwentynine’^ϕ **syn Sensation Junior**^ϕ

Application No: 2003/302 Grantee: **Oglesby Plants International, Inc.**
 Certificate No: 3453 Expiry Date: 30 January, 2028.
 Agent: **Ramm Botanicals Pty Ltd**, Tuggerah, NSW.

Syzygium luehmannii

LILLY PILLY, RIBERRY

‘Lulu’^ϕ

Application No: 2005/262 Grantee: **Jo Barber and Chris Barber**, Meldale, QLD.
 Certificate No: 3465 Expiry Date: 28 February, 2033.

Taxodium distichum

SWAMP CYPRESS

‘Cascade Falls’^ϕ

Application No: 2004/055 Grantee: **DJ and NM Sampson.**
 Certificate No: 3482 Expiry Date: 5 March, 2033.
 Agent: **Leo Koelewyn**, Monbulk, VIC.

Triticum aestivum

WHEAT

‘Sentinel 3R’^ϕ

Application No: 2006/130 Grantee: **C.C. Benoist S.A.S.**
 Certificate No: 3501 Expiry Date: 28 March, 2028.
 Agent: **LongReach Plant Breeder's Management Pty Ltd**, Bundoora, VIC.

Vicia sativa

COMMON VETCH

‘Rasina’^ϕ

Application No: 2006/175 Grantee: **Minister for Agriculture, Food and Fisheries and Grains Research and Development Corporation**, Adelaide, SA.

Certificate No: 3477 Expiry Date: 29 February, 2028.

Vitis vinifera

GRAPE

‘Grapaes’^ϕ

Application No: 2005/008 Grantee: **Grapa Ltd.**

Certificate No: 3454 Expiry Date: 29 January, 2033.

Agent: **John Stewart Irwin**, Mildura, VIC.

‘Sugrasixteen’^ϕ

Application No: 2001/152 Grantee: **Sun World International, LLC.**

Certificate No: 3497 Expiry Date: 27 March, 2033.

Agent: **Sun World Australasia**, Oberon, NSW.

‘SUGRATHIRTEEN’^ϕ

Application No: 2000/104 Grantee: **Sun World International, LLC.**

Certificate No: 3495 Expiry Date: 27 March, 2033.

Agent: **Sun World Australasia**, Oberon, NSW.

‘Sugratwelve’^ϕ

Application No: 2000/164 Grantee: **Sun World International, LLC.**

Certificate No: 3496 Expiry Date: 27 March, 2033.

Agent: **Sun World Australasia**, Oberon, NSW.

Denomination Changed

Application	Genus	species	Common name	Changed From	Changed To
2007/241	<i>Avena</i>	<i>sativa</i>	Oats	PO808	Dawson
2007/268	<i>Fragaria</i>	<i>x ananassa</i>	Strawberry	AMELIA	JULIETTE

Assignment of Rights

Application	Variety	Genus	Species	Changed From	Changed To
2007/274	<i>Triticum</i>	<i>aestivum</i>	WAWHT2631	Western Australian Agriculture Authority	InterGrain Pty Ltd
1996/250	<i>Triticum</i>	<i>aestivum</i>	Carnamah	Western Australian Agriculture Authority	InterGrain Pty Ltd
2007/289	<i>Triticum</i>	<i>aestivum</i>	WAWHT2684	Western Australian Agriculture Authority and Grains Research and Development Corporation	InterGrain Pty Ltd
2007/290	<i>Triticum</i>	<i>aestivum</i>	WAWHT2773	Western Australian Agriculture Authority and Grains Research and Development Corporation	InterGrain Pty Ltd
2007/291	<i>Triticum</i>	<i>aestivum</i>	WAWHT2726	Western Australian Agriculture Authority and Grains Research and Development Corporation	InterGrain Pty Ltd

Applicant Name Amended

Changed from the State of Western Australia through its Department of Agriculture and Food to Western Australian Agriculture Authority for all those applications where the State of Western Australia through its Department of Agriculture and Food were the applicant.

Agent Changed

Application	Variety	Genus	Species	Changed From	Changed To
1998/019	Dangypmini	<i>Gypsophila</i>	<i>paniculata</i>	Lynch Flowers	Propagation Australia Pty Ltd
2005/313	Freedom	<i>Lactuca</i>	<i>sativa</i>	Blake Dawson Waldron Patent Services	Seminis Vegetable Seeds New Zealand Ltd.
2004/173	PS 6545701	<i>Lactuca</i>	<i>sativa</i>	Blake Dawson Waldron Patent Services	Seminis Vegetable Seeds New Zealand Ltd.
2004/172	PS 6545691	<i>Lactuca</i>	<i>sativa</i>	Blake Dawson Waldron Patent Services	Seminis Vegetable Seeds New Zealand Ltd.
2003/088	Regal Seedless	<i>Vitis</i>	<i>vinifera</i>	Fleming's Nurseries & Associates Pty Ltd	Nangiloc Colignan Farms
Agent Nominated					
2005/157	PVHL1	<i>Hakea</i>	<i>laurina</i>	No agent	Humphris Nursery Pty Ltd

Withdrawn

The following varieties are no longer under PBR provisional protection

Application	Genus	Species	Common Name	Variety	Synonym
2005/165	<i>Arctotis</i>	hybrid	African Daisy	Silverdust Sunshine	
2006/108	<i>Argyranthemum</i>	hybrid	Marguerite Daisy	OHMADSACA	Santa Catarina
2002/242	<i>Bidens</i>	<i>ferulifolia</i>	Fern-leaved Bidens	Bitdis 1	
2006/310	<i>Metrosideros</i>	<i>collina</i>	Spiny Headed Mat Rush	Tahitian Sunset	
2002/007	<i>Michelia</i>	<i>yunnanensis</i>	Michelia	Velvet and Cream	
2006/230	<i>Rosa</i>	hybrid	Rose	Preflogren	
2006/228	<i>Rosa</i>	hybrid	Rose	Preflolila	
2006/229	<i>Rosa</i>	hybrid	Rose	Prehifant	
2006/223	<i>Rosa</i>	hybrid	Rose	Prerabled	
2006/224	<i>Rosa</i>	hybrid	Rose	Prerupine	
2001/245	<i>Sutera</i>	<i>diffusa</i>	Bacopa	Suttis 98	
2006/274	<i>Triticum</i>	<i>aestivum</i>	Wheat	EGA Jaeger	
2006/198	<i>Vaccinium</i>	hybrid	Southern Highbush Blueberry	S5	
2006/197	<i>Vaccinium</i>	hybrid	Southern Highbush Blueberry	S6	
2002/240	<i>Verbena</i>	hybrid	Verbena	Blancena	

Surrendered

The following varieties are no longer under PBR protection

Application	Genus	Species	Variety	Synonym	Common Name
2003/139	<i>Anthurium</i>	<i>andraeanum</i>	Changing Love		Flamingo Flower
2003/138	<i>Anthurium</i>	<i>andraeanum</i>	Fresh Love		Flamingo Flower
2003/143	<i>Anthurium</i>	<i>andraeanum</i>	Lucky Leny		Flamingo Flower
2003/044	<i>Anthurium</i>	<i>andraeanum</i>	Orange Love		Flamingo Flower
2003/043	<i>Anthurium</i>	<i>andraeanum</i>	Sugar Love		Flamingo Flower
2003/142	<i>Anthurium</i>	<i>andraeanum</i>	Whispering Love		Flamingo Flower
1997/028	<i>Argyranthemum</i>	<i>frutescens</i>	JULIE ANNA		Marguerite Daisy
2004/105	<i>Argyranthemum</i>	<i>frutescens</i>	OHAR 01247	Baleira	Marguerite Daisy
2004/266	<i>Brassica</i>	<i>napus</i>	AG-Drover		Canola
1999/344	<i>Brassica</i>	<i>napus</i>	ATR-Grace		Canola
1999/349	<i>Brassica</i>	<i>napus</i>	ATR-Hyden		Canola
2004/329	<i>Brassica</i>	<i>napus</i>	Rocket CL		Canola
2002/102	<i>Gaura</i>	<i>lindheimeri</i>	Gaula		Gaura
1996/122	<i>Glycine</i>	<i>max</i>	Cawana		Soybean
1997/261	<i>Gossypium</i>	<i>hirsutum</i>	SIOKRA V-16		Cotton
2000/281	<i>Gossypium</i>	<i>hirsutum</i>	Siokra V-16i		Cotton
1996/055	<i>Osteospermum</i>	<i>ecklonis</i>	GUSTAF	SUNNY GUSTAF	Cape Daisy
1996/053	<i>Osteospermum</i>	<i>ecklonis</i>	SUNNY LADY		Cape Daisy
1998/180	<i>Pisum</i>	<i>sativum</i>	Excell		Field Pea
1999/210	<i>Pisum</i>	<i>sativum</i>	Snowpeak		Field Pea
1994/056	<i>Rosa</i>	<i>chinensis</i>	SAVABEAR	TEDDY BEAR	Miniature Rose
2001/016	<i>Rosa</i>	hybrid	Climbing Seduction		Rose
2001/209	<i>Rosa</i>	hybrid	Grandbliza		Rose
1994/058	<i>Rosa</i>	hybrid	LAVQUEST		Rose
2000/203	<i>Rosa</i>	hybrid	Ruiklij	Pink Calypso	Rose
2000/205	<i>Rosa</i>	hybrid	Panroug	Red Calypso	Rose
1996/005	<i>Syzygium</i>	<i>oleosum</i>	AMBER CURLS		Lilly Pilly
1997/150	<i>Tagetes</i>	hybrid	Polynema		Marigold
1995/208	<i>Telopea</i>	<i>speciosissima</i>	SHADE OF PALE		Waratah
2000/054	<i>Xanthostemon</i>	<i>chrysanthus</i>	Trailblazer		Xanthostemon

CORRIGENDA

Watermelon

Citrullus lanatus

‘SP-1’

Application No: 2004/016

The character Fruit: weight(kg) in the Statistical Table of the description in PVJ 20.2 has been deleted from the claim for distinctness of the variety because it was not found to be stable.

Italian Ryegrass

Lolium multiflorum

‘Warrior’

Application No: 2003/110

Journal Reference: PVJ 20(3)

The claims for distinctness on following characteristics are deleted from the detailed description because it does not satisfy the stability criteria:

Plant: length of upper internode

In the statistical table:

Upper internode length (mm)

Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 21 Issue 1**) are listed below:

- [Home](#)
- [Appendix 1 - Fees](#)
- [Appendix 2 - Plant Breeder's Rights Advisory Committee](#)
- [Appendix 3 - Index of Accredited Consultant 'Qualified Persons'](#)
- [Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'](#)
- [Appendix 5 - Addresses of UPOV and Member States](#)
- [Appendix 6 - Centralised Testing Centres](#)
- [Appendix 7 - List of Plant Classes for Denomination Purposes](#)
- [Appendix 8 - Register of Plant Varieties](#)

APPENDIX 1

FEES

Two fee structures exist as a result of the transition from Plant Variety Rights to Plant Breeders Rights. For new applications (those lodged on or after 11 November 1994) the PBR fees apply. For older applications lodged before 11 November 1994 and not finally disposed of (Granted, Withdrawn, Refused etc.) the PVR fees in force at the time apply.

The Treasurer has determined that all statutory fees under PBR regulations will be exempted from GST.

Payment of Fees

All cheques for fees should be made payable and sent to:

Collector of Public Monies
C/-Plant Breeders Rights Office, IP Australia
GPO Box 200
Woden, ACT 2606

The **application fee** (\$300) must accompany the application at the time of lodgement.

Consequences of not paying fees when due

Application fee

Should an application not be accompanied by the prescribed application fee the application will be deemed to be 'non-valid' and neither assigned an application number nor examined for acceptance pending the payment of the fee.

Examination fee

Non-payment of the examination fee of an application will automatically result, at the end of 12 months from the date of acceptance¹, in a refusal of the application. The consequences of refusal are the same as for applications deemed to be inactive (see 'inactive applications' below).

Consideration of a request for an extension of the period of provisional protection from the initial 12-month period may require the prior payment of the examination fee.

Certificate fee

Following the successful completion of the examination, including the public notice period, the applicant will be required and invoiced to pay the certification fee. Payment of the certification fee is a prerequisite to granting PBR and issuing the official certificate by the PBR office. Failure to pay the fee may result in a refusal to grant PBR.

Annual fee

Should an annual renewal fee not be paid within 30 days after the due date, the grant of PBR will be revoked under Section 50 of the PBR Act. To assist grantees, the PBR office will invoice grantees or their Australian agents for renewal fees.

Inactive applications

An application will be deemed inactive if, after 24 months of provisional protection (or 12 months in the case of non-payment of the examination fee) the PBR Office has not received a completed application or has not been advised to proceed with the examination or an extension of provisional protection has not been requested or not granted or a certificate fee has not been paid. Inactive applications will be examined and, should they not fully comply with Section 44 of the PBR Act 1994, they will be refused. As a result provisional protection will lapse, priority claims on that variety will be

¹ The time limit to pay examination fees on imported varieties can be deferred for a maximum of 12 months after the variety has been released from quarantine. Contact the PBR Office for further details.

lost and should the variety have been sold, it will be ineligible for plant breeders rights on reapplication. Continued use of labels or any other means to falsely imply that a variety is protected after the application has been refused is an offence under Section 75 of the Act.

FEES				
Basic Fees	Schedule			
	A	B	C	D
	\$			
Application	300	300	400	300
Examination - per application	1400	1200	1400	800
Certificate	300	300	250	300
Total Basic Fees	2000	1800	2050	1400
Annual Renewal - all applications	300			
Schedule				
A	Single applications and applications based on an official overseas test reports.			
B	Applicable when two or more Part 2 Applications are lodged simultaneously and the varieties are of the same genus and the examinations can be completed at one location at the same time.			
C	Applications lodged under PVR (prior to 10 th Nov 1994)			
D	Applicable to 5 or more applications examined at an Accredited Centralised Testing Centre			
Other Fees				
Variation to application(s) - per hour or part thereof				75
Change of Assignment - per application				100
Copy of an application (Part1 and/or Part2) , an objection or a detailed description				50
Copy of an entry in the Register				50
Lodging an objection				100
Annual subscription to Plant Varieties Journal				40
Back issues of Plant Varieties Journal				14
Administration - Other work relevant to PBR - per hour or part thereof				75
Application for declaration of essential derivation				800
Application for (a) revocation of a PBR				500
(b) revocation of a declaration of essential derivation				500
Compulsory licence				500
Request under subsection 19(11) for exemption from public access - varieties with no direct use as a consumer				100

APPENDIX 2**Plant Breeders Rights Advisory Committee (PBRAC)**

(Members of the PBRAC hold office in accordance with Section 85 of the *Plant Breeder's Rights Act 1994*.)

Committee Members

<p>Member Representing Plant Breeders</p> <p>Dr Paul Brennan Rock Valley Post Office via Lismore 1201 Cawongla Rd LARNOOK NSW 2480</p>	<p>Member Representing Plant Breeders</p> <p>Dr Glenn Dale Saltgrow PO Box 575 ASHGROVE QLD 4060</p>
<p>Member Representing Users</p> <p>Mr Robert Hansen Peanut Company of Australia PO Box 26 KINGAROY QLD 4610</p>	<p>Member Representing Consumers</p> <p>Ms Anne Pye PO Box 1538 MT BARKER SA 5251</p>
<p>Member Representing Conservation Interests</p> <p>Mr Bruce Lloyd Fairley downs 5250 Barmah-Shepparton Road TALLYGAROPNA VIC 3634</p>	<p>Member Representing Indigenous Interests</p> <p>Mr Mark Porter 26 Callicarpa Street REEDY CREEK QLD 4227</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 The University of Queensland ST LUCIA QLD 4072</p>
<p>Registrar (Chair)</p> <p>Mr Doug Waterhouse IP Australia PO Box 200 Woden ACT 2606</p>	

APPENDIX 3 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

The following persons have been accredited by the PBR office based on information provided by these persons. From the information provided by the applicants, the PBR office believes that these people can fulfil the role of 'qualified person' in the application for plant breeder's rights. Neither accreditation nor publication of a name in the list of persons is an implicit recommendation of the person so listed. The PBR office cannot be held liable for damages that may arise from the omission or inclusion of a person's name in the list nor does it assume any responsibility for losses or damages arising from agreements entered into between applicants and any person in the list of accredited persons. Qualified persons charge a fee for services rendered.

A guide to the use of the index of consultants:

- locate in the left column of Table 1 the plant group for which you are applying;
- listed in the right column are the names of accredited qualified persons from which you can choose a consultant;
- in Table 2 find that consultant's name, telephone number and area in which they are willing to consult (they may consult outside the nominated area);
- using the "Nomination of Qualified Person" form as a guide, agree provisionally on the scope and terms of the consultancy; complete the form and attach it to Part 1 of the application form;
- when you are notified that your nomination of a consultant qualified person is acceptable in the letter of acceptance of your application for PBR you should again consult the qualified person when planning the rest of the application for PBR.

TABLE 1

PLANT GROUP/SPECIES/FAMILY	CONSULTANT'S NAME (TELEPHONE AND AREA IN TABLE 2)
Actinidia	Lye, Colin Paananen, Ian Richards, Graeme
Agapanthus	Paananen, Ian
Almonds	Granger, Andrew Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce

Anigozanthos	Paananen, Ian Kirby, Greg Smith, Daniel
Anthurium	Paananen, Ian
Aroid	Harrison, Peter
Avocado	Lye, Colin Edwards, Arthur MacGregor, Alison Owen-Turner, John Parr, Wayne Swinburn, Garth Whiley, Tony
Azalea	Barrett, Mike Hempel, Maciej Paananen, Ian
Barley (Common)	Bhatti, Muhammad Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Saunders, James
Berry Fruit	Darmody, Liz Fleming, Graham Greer, Neil Scholefield, Peter Zorin, Margaret
Blackberry (<i>Rubus</i> sp)	Paananen, Ian
Blandfordia	Treverrow, Florence
Blueberry	Paananen, Ian Zorin, Margaret
Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian

Brassica

Bannan, Nathaniel
 Bhatti, Muhammad
 Chequer, Robert
 Cooper, Kath
 Downes, Ross
 Easton, Andrew
 Fennell, John
 Gororo, Nelson
 Johnston, Evan
 Kadkol, Gururaj
 Laker, Richard
 Light, Kate
 McMichael, Prue
 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

Camellia Paananen, Ian
 Robb, John

Cannabis Calabria, Patrick

Carnation/Dianthus Paananen, Ian

Cereals	Bhatti, Muhammad Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Johnston, Evan Khan, Akram Mitchell, Leslie Moore, Stephen Oates, John Platz, Greg Porter, Richard Poulsen, David Rhodes, Phil Roake, Jeremy Rose, John Saunders, James Scattini, Walter John Siedel, John Watson, Brigid Wilson, Frances
Cherry	Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Mackay, Alastair Mitchell, Leslie Pumpa, Lucy Scholefield, Peter
Chickpeas	Bhatti, Muhammad Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James
Chrysanthemum	Paananen, Ian
Citrus	Calabria, Patrick Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Scholefield, Peter Swinburn, Garth Sykes, Stephen Topp, Bruce
Clivia	Smith, Kenneth

Clover	Bannan, Nathaniel Downes, Ross James, Jennifer Johnston, Evan Lake, Andrew Miller, Jeff Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James Watson, Brigid
Cotton	Khan, Akram Leske, Richard
Cucurbits	Herrington, Mark McMichael, Prue Rhodes, Phil Scholefield, Peter Sykes, Stephen
Dianella	Paananen, Ian
Dogwood	Darmody, Liz Fleming, Graham
Echinacea	Paananen, Ian
Eucalyptus	Paananen, Ian
Euphorbia	Paananen, Ian
Feijoa	Parr, Wayne Scholefield, Peter
Fibre Crops	Gillespie, David Khan, Akram
Fig	Darmody, Liz Fleming, Graham Parr, Wayne
Flower Bulbs	Verdegaal, John
Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James
Forage Grasses	Bannan, Nathaniel Downes, Ross Fennell, John Harrison, Peter Johnston, Evan Kirby, Greg Mitchell, Leslie Rhodes, Phil Smith, Kevin Watson, Brigid

Forage Legumes	Downes, Ross Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Miller, Jeff Porter, Richard Rhodes, Phil Saunders, James Siedel, John
Fruit	Cramond, Gregory Darmody, Liz Delaporte, Kate Fleming, Graham Gillespie, David Granger, Andrew Kennedy, Peter Lenoir, Roland McCarthy, Alec Mitchell, Leslie Parr, Wayne Portman, Sian Pumpa, Lucy Schapel, Amanda Scholefield, Peter
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony
Grapes	Burne, Peter Darmody, Liz Delaporte, Kate Farquhar, Wayne Fleming, Graham Lee, Slade Lye, Colin MacGregor, Alison Mitchell, Leslie Paananen, Ian Parr, Wayne Porter, Richard Pumpa, Lucy Schapel, Amanda Scholefield, Peter Smith, Daniel Swinburn, Garth Sykes, Stephen
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian

Gypsophila	Paananen, Ian
Hardenbergia	Dunstone, Bob
Hops (<i>Humulus</i> sp)	Paananen, Ian
Hydrangea	Hanger, Brian Paananen, Ian
Impatiens	Paananen, Ian
Jojoba	Dunstone, Bob
Kalanchoe	Paananen, Ian
Lavender	Paananen, Ian
Legumes	Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Imrie, Bruce Kirby, Greg Khan, Akram Knights, Edmund Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John
Lentils	Collins, David Downes, Ross Goulden, David Khan, Akram Porter, Richard Rhodes, Phil Saunders, James
Lilium	Paananen, Ian
Liriope	Paananen, Ian
Lomandra	Paananen, Ian

Lucerne	Bannan, Nathaniel Downes, Ross Johnston, Evan Lake, Andrew Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James
Lupin	Bhatti, Muhammad Collins, David Sanders, Milton Rhodes, Phil Saunders, James
Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian
Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony
Myrtaceae	Dunstone, Bob
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Bhatti, Muhammad Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Saunders, James
Oilseed crops	Downes, Ross Poulsen, David Siedel, John Rhodes, Phil Saunders, James
Olives	Bazzani, Mr Luigi Granger, Andrew
Onions	Bannan, Nathaniel Fennell, John Khan, Akram Laker, Richard McMichael, Prue 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, Peter
Hempel, Maciej
Johnston, Margaret
Khan, Akram
Kulkarni, Vinod
Lamont, Greg
Larkman, Clive
Lenoir, Roland
Lowe, Greg
Lunghusen, Mark
Marcsik, Doris
McMichael, Prue
Milne,Carolynn
Mitchell, Hamish
Mitchell, Leslie
Nichols, David
Oates, John
O'Brien, Shaun
Paananen, Ian
Prescott, Chris
Prince, John
Robb, John
Pumpa, Lucy
Schapel, Amanda
Scholefield, Peter
Singh, Deo
Smith, Daniel
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, Peter
 Henry, Robert J
 Hockings, David
 Jack, Brian
 Johnston, Margaret
 Kirby, Greg
 Khan, Akram
 Lenoir, Roland
 Lowe, Greg
 Lullfitz, Robert
 Lunghusen, Mark
 McMichael, Prue
 Milne,Carolynn
 Mitchell, Hamish
 Molyneux, W M
 Nichols, David
 Oates, John
 O'Brien, Shaun
 Paananen, Ian
 Prince, John
 Pumpa, Lucy
 Schapel, Amanda
 Scholefield, Peter
 Singh, Deo
 Slater, Tony
 Smith, Daniel
 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 Bhatti, Muhammad Cameron, Stephen Cook, Bruce Downes, Ross Harrison, Peter Kemp, Stuart Kirby, Greg James, Jennifer Loch, Don McMaugh, Peter Miller, Jeff Mitchell, Leslie Neylan, John Paananen, Ian Porter, Richard Rhodes, Phil Rose, John Saunders, James Smith, Raymond Scattini, Walter John Smith, Kevin Wilkes, Gregory Wilson, Frances Zorin, Margaret
Peanut	Cruickshank, Alan George, Doug
Pear	Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Paananen, Ian Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce
Pelargonium	Paananen, Ian
Persimmon	Parr, Wayne Swinburn, Garth
Petunia	Paananen, Ian Nichols, David
Philodendron	Paananen, Ian
Philotheca	Dunstone, Bob
Phormium	Paananen, Ian
Photinia	Robb, John

Pistacia	Richardson, Clive Sykes, Stephen
Pisum	Bhatti, Muhammad Downes, Ross Goulden, David McMichael, Prue Rhodes, Phil Sanders, Milton Saunders, James
Potatoes	Delaporte, Kate Fennell, John Friemond, Terry Guertsen, Paul Hill, Jim Johnston, Evan McMichael, Prue Pumpa, Lucy Rhodes, Phil Saunders, James Schapel, Amanda Scholefield, Peter Slater, Tony Smith, Daniel Wilson, Graeme
Proteaceae	Barth, Gail Kirby, Neil Paananen, Ian Robb, John Scholefield, Peter Smith, Daniel
Prunus	Calabria, Patrick Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Granger, Andrew Kennedy, Peter Mackay, Alastair Malone, Michael Portman, Anthony Richards, Graeme 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 Smith, Daniel Swane, Geoff Syrus, A Kim
Scaevola	Paananen, Ian
Sesame	Bennett, Malcolm Harrison, Peter Imrie, Bruce
Sorghum	Khan, Akram
Soybean	Harrison, Peter James, Andrew
Spathiphyllum	Paananen, Ian
Spices and Medicinal Plants	Khan, Akram
Stone Fruit	Barrett, Mike Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter MacGregor, Alison Mackay, Alistair Malone, Michael Scholefield, Peter Swinburn, Garth Valentine, Bruce
Strawberry	Herrington, Mark Mitchell, Leslie Morrison, Bruce Scholefield, Peter Zorin, Margaret

Sugarcane	Cox, Mike Piperidis, George
Sunflower	George, Doug
Tomato	Herrington, Mark Khan, Akram Laker, Richard McMichael, Prue Rhodes, Phil Scholefield, Peter Smith, Daniel
Tree Crops	McRae, Tony
Triticale	Bhatti, Muhammad Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Harrison, Peter Kulkarni, Vinod Parr, Wayne Scholefield, Peter Whiley, Tony
Umbrella Tree	Paananen, Ian
Vegetables	Bannan, Nathaniel Delaporte, Kate Fennell, John Frkovic, Edward Gillespie, David Harrison, Peter Khan, Akram Laker, Richard Lenoir, Roland MacGregor, Alison McMichael, Prue Oates, John O'Connor, Lauren Pearson, Craig Pumpa, Lucy Rhodes, Phil Schapel, Amanda Scholefield, Peter Smith, Daniel Westra Van Holthe, Jan
Verbena	Paananen, Ian
Walnut	Mitchell, Leslie

Wheat (Aestivum & Durum Groups)

Bhatti, Muhammad
Collins, David
Downes, Ross
Kadkol, Gururaj
Khan, Akram
Platz, Greg
Rhodes, Phil
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
Bhatti, Muhammad	08 9671 1322 ph 08 9671 1352 fax	Western 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 Wheatbelt of Western Australia
Cooper, Kath	08 8339 3049 0429 191 848 mobile	South Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia
Cruickshank, Alan	07 4160 0722 07 4162 3238 fax	QLD
Cunneen, Thomas	02 4889 8647 02 4889 8657 fax	Sydney Region
Darmody, Liz	03 9756 6105 03 9752 0005 fax	Australia
Delaporte, Kate	08 8373 2488 08 8373 2442 fax 0427 394 240 mobile	South Australia
Downes, Ross	02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile	ACT, South East Australia

Dunstone, Bob	02 6281 1754 ph/fax	South East NSW
Easton, Andrew	07 4690 2666	QLD and NSW
	07 4630 1063 fax	
Edwards, Arthur	08 8586 1232	SE Australia
	08 8595 1394 fax	
	0409 609 300 mobile	
Eggleton, Steve	03 9876 1097	Melbourne Region
	03 9876 1696 fax	
Engel, Richard	08 9397 5941	WA
	08 9397 5941 fax	
Fennell, John	03 5334 7871	Australia
	03 5334 7892 fax	
	0419 881 887	
Farquhar, Wayne	08 85657000	South Australia
	08 85657011 fax	
Fleming, Graham	03 9756 6105	Australia
	03 9752 0005 fax	
Friemond, Terry	08 9203 6720	Western Australia
	08 9203 6720 fax	
	0438 915 811 mobile	
Foster, Kevin	08 9368 3804	Mediterranean areas of Australia
	08 9474 2840 fax	
Frkovic, Edward	02 6962 7333	Australia
	02 6964 1311 fax	
George, Doug	07 5460 1308	Australia
	07 5460 1112 fax	
Gillespie, David	07 4155 6344	Wide Bay Burnett District, QLD
	07 4155 6656 fax	
Gororo, Nelson	03 5382 5911	Mediterranean areas of Australia
	03 5382 5755 fax	
	0428 534 770 mobile	
Goulden, David	64 3 325 6400	New Zealand
	64 3 325 2074 fax	
Graetz, Darren	08 8303 9362	South Australia
	08 8303 9424 fax	
Granger, Andrew	08 8389 8809	South Australia
	08 8389 8899 fax	
Greer, Neil	07 5441 1118	Australia
	07 5476 0098 fax	
	0418 881 755 mobile	
Guertsen, Paul	02 6845 3789	NSW, VIC, SE QLD
	02 6845 3382 fax	
	0407 658 105 mobile	
Hanger, Brian	03 9837 5547 ph/fax	Victoria
	0418 598106 mobile	
Hare, Ray	02 6763 1232	QLD, NSW VIC & SA
	02 6763 1222 fax	
Harrison, Peter	08 8948 1894 ph	Tropical/Sub-tropical Australia,
	08 8948 3894 fax	including NT and NW of WA
	0407 034 083 mobile	and tropical arid areas
Hempel, Maciej	02 4628 0376	NSW, QLD, VIC, SA
	02 4625 2293 fax	
Henry, Robert J	02 6620 3010	Australia
	02 6622 2080 fax	
Herrington, Mark	07 5441 2211	Southern Queensland
	07 5441 2235 fax	
Hill, Jeff	08 8303 9487	South Australia
	08 8303 9607 fax	

Hill, Jim	03 6428 2519 03 6428 2049 fax 0428 262 765 mobile	Australia
Hockings, David Imrie, Bruce	07 5494 3385 ph/fax 02 4474 0951 02 4474 0952 imriesc@sci.net.au	Southern Queensland SE Australia
Iredell, Janet Willa Jack, Brian	07 3202 6351 ph/fax 08 9952 5040 08 9952 5053 fax	SE Queensland South West WA
James, Andrew	07 3214 2278 07 3214 2272 fax	Australia
James, Jennifer Johnston, Evan	+64 6 3518214 64 3358 1745 0214 417 13 mobile	Manawatu Region, New Zealand Canterbury, New Zealand
Johnston, Margaret	07 5460 1240 07 5460 1455 fax	SE Queensland
Kadkol, Gururaj	03 5382 1269 03 5381 1210 fax	North Western Victoria
Kemp, Stuart	03 8390 8150 0437 278 873 mobile	SE Australia
Kennedy, Peter	02 6382 7600 02 6382 2228 fax	New South Wales
Khan, Akram	02 9351 8821 02 9351 8875 fax	New South Wales
Kirby, Greg	08 8201 2176 08 8201 3015 fax	South Australia
Kirby, Neil	02 4754 2637 02 4754 2640 fax	New South Wales
Knights, Edmund	02 6763 1100 02 6763 1222 fax	North Western NSW
Kulkarni, Vinod	08 9992 2221 08 9992 2049 fax	Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Laker, Richard	08 87258987 08 8723 0142 fax 0417 855 592 mobile	Australia
Lamont, Greg	02 8778 5388 02 9734 9866 fax	Sydney region
Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Larkman, Clive	03 9735 3831 03 9739 6370 larkman@tpgi.com.au	Victoria
Lee, Peter	03 6330 1147 03 6330 1927 fax	SE Australia
Lee, Slade	02 6620 3410 02 6622 2080 fax	Queensland/Northern New South Wales
Lenoir, Roland Leske, Richard	02 6231 9063 ph/fax 07 4671 3136 07 4671 3113 fax	Australia Cotton growing regions of QLD & NSW
Light, Kate	03 5362 2175 0419 145 768 mobile	Victoria
Loch, Don	07 3286 1488 07 3286 3094 fax	Queensland

Lowe, Greg	02 4389 8750 02 4389 4958 fax 0411 327390 mobile	Sydney, Central Coast NSW
Lullfitz, Robert Lunghusen, Mark	08 9447 6360 03 5998 2083 03 5998 2089fax 0407 050 133 mobile	South West WA Melbourne & environs
Lye, Colin	07 4671 0044 07 4671 0066 fax 0427 786 668 mobile	NT, QLD and NSW
MacGregor, Alison	03 5023 4644 0419 229 713 mobile	Southern Australia – Murray Valley Region
Mackay, Alastair	08 9310 5342 ph/fax 0159 87221 mobile	Western Australia
McMaugh, Peter	02 9872 7833 02 9872 7855 fax	Australia
Malone, Michael	+64 6 877 8196 +64 6 877 4761 fax	New Zealand
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 McMichael, Prue	042 163 8229 mobile 08 8373 2488 08 8373 2442 fax	Australia 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 Mitchell, Hamish	07 3206 3509 03 9737 9568 03 9737 9899 fax	QLD Victoria
Mitchell, Leslie	03 5821 2021 03 5831 1592 fax	VIC, Southern NSW
Molyneux, William	03 5965 2011 03 5965 2033 fax	Victoria
Moore, Stephen	02 6799 2230 02 6799 2239 fax	NSW
Morrison, Bruce	03 9210 9251 03 9800 3521 fax	East of Melbourne
Mouwen, Heidi	07 4690 2666 07 4630 1063	QLD, NSW
Neylan, John	03 9886 6200 0413 620 256 mobile	VIC, NSW, SA
Nichols, David	03 5977 4755 03 5977 4921 fax	SE Melbourne, Mornington Peninsula and Dandenong Ranges, Victoria
Nichols, Phillip	08 9387 7442 08 9383 9907 fax	Western Australia
Oates, John	02 4473 8465	Sydney region, Eastern Australia
O'Brien, Shaun	07 5442 3055 07 5442 3044 fax 0407 584 417 mobile	SE Queensland
O'Connor, Lauren	07 3359 3113 0418 510 480 mobile	Australia
Owen-Turner, John	07 4129 5217 07 4129 5511 fax	Burnett region, Central Queensland region

Paananen, Ian	02 4381 0051 02 8569 1896 fax 0412 826 589 mobile	Australia (based in Sydney) and New Zealand
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Platz, Greg	07 4639 8817 07 4639 8800 fax	QLD, Northern NSW
Porter, Richard	08 8431 5396 08 8431 5396 fax 0413 270 670 mobile	Adelaide region, South Australia
Portman, Anthony	08 9274 5355 08 9250 1859 fax	South-west Western Australia
Portman, Sian	08 9725 0660 0421 606 651 mobile	Western Australia
Poulsen, David	07 4661 2944 07 4661 5257 fax	SE QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Pumpa, Lucy	08 8373 2488 08 8373 2422 fax 0400 041 881 mobile	South Australia
Quinn, Patrick	03 5427 0485	SE Australia
Richards, Graeme	02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	Australia
Richardson, Clive	03 51550255	Victoria
Rhodes, Phil	64 3322 5405 0211 862 422 mobile phil@epr.co.nz	New Zealand
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region
Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
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
Scattini, Walter	07 3356 0863 ph/fax	Tropical and sub-tropical Australia
Schapel, Amanda	08 8373 2488 0408 344 843 mobile	South Australia
Scholefield, Peter	08 8373 2488 08 8373 2442 fax 018 082022 mobile	SE Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane

Slater, Tony	03 9210 9222 03 9800 3521 fax 0408 656 021 mobile	SE Australia
Smith, Daniel	08 8373 2488 08 8373 2442 fax	South 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
Valentine, Bruce	02 6361 3919 02 6361 3573 fax	New South Wales
Van der Staay, Rosemaree Anne	03 6248 6863 03 6248 7402 fax	Tasmania
Verdegaal, John	03 6458 3581 03 6458 3581 fax	Australia and New Zealand
Watkins, Phillip	08 9537 1811 08 9537 3589 fax 0416 191 472 mobile	Perth Region
Watkinson, Andrew	07 5445 6654 0409 065 266 mobile	Northern NSW and Southern QLD
Watson, Brigid	03 5688 1058 0429 702 277 mobile	Victoria
Westra Van Holthe, Jan	03 9706 3033 03 9706 3182 fax	Australia
Wiley, 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
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	Name
Ali, S	Lowe, Russell
Allen, Antony	Luckett, David
Armour, David	Mack, Ian
Baelde, Arie	Mann, Dorham
Baker, Grant	Mansfield, Daniel
Bally, Ian	Mason, Lloyd
Barr, Andrew	Matic, Rade
Bell, David	Mathews, Michael
Bernuetz, Andrew	McCallum, Lesley
Birmingham, Erika	McDonald, David
Box, Amanda	Mendham, Neville
Brennan, Paul	Menzies, Kim
Brewer, Lester	Miller, Kylie
Brindley, Tony	Moody, David
Brindle, Sean	Moss, Ian
Buchanan, Peter	Mullins, Kathleen
Bunker, John	Mungall, Neil
Bunker, Kerry	Neilson, Peter
Burton, Wayne	Newman, Allen
Cameron, Nick	Noone, Brian
Cant, Russell	Norriss, Michael
Chesher, Wayne	Oakes, John
Chivers, Ian	Offord, Cathy
Clayton-Greene, Kevin	O'Brien, Tim
Constable, Greg	O'Sullivan, Robert
Cook, Esther	Paull, Jeff
Corcoran, Lisa	Pearce, Bob
Coventry, Stewart	Porter, Gavin
Craig, Andrew	Potter, Trent
Craigie, Gail	Pressler, Craig
Culvenor, Richard	Reeve, Christopher
Dawson, Iain	Reid, Peter
Crowhurst, Max	Reinke, Russell
De Betue, Remco	Roberts, Sean
de Koning, Carolyn	Roche, Matthew
Dear, Brian	Rose, Ian
Delaporte, Kate	Sanders, Milton
Done, Anthony	Sandral, Graeme
Donnelly, Peter	Sanewski, Garth
Downe, Graeme	Schilg, Karl
Dryden, Susan	Schreuders, Harry
Eastwood, Russell	Scott, Ralph
Eglinton, Jason	Senior, Michael
Eisemann, Robert	Siemon, Fran
Elliott, Philip	Smith, Chris
Evans, Pedro	Smith, Raymond
Fitzgibbon, John	Smith, Malcolm
Flett, Peter	Smith, Susan
Geary, Judith	Snelling, Cath
Gibbons, Philip	Snowball, Richard

Gillies, Leanne	Stiller, Warwick
Glover, Russell	Stuart, Peter
Granger, Andrew	Sturgess, Eric
Gurciullo, Gaetano	Sutton, John
Haire, Chris	Tonks, John
Harden, Patrick	Trimboli, Daniel
Hollamby, Gil	Taylor, Kerry
Hoppo, Suzanne	Trigg, Pamela
Howie, Jake	Urwin, Nigel
Hoxha, Adriana	Van der Spek, Folke
Hunt, Melissa	Vater, Daniel
Hurst, Andrea	Vaughan, Peter
Irwin, John	Venkatanagappa, Shoba
Janhsen, Joanne	Venn, Neil
Johnson, Peter	Warner, Bradley
Jupp, Noel	Warren, Andrew
Kaehne, Ian	Weatherly, Lilia
Katellaris, Andrew	Wei, Xianming
Katz, Mark	Whalley, RDB
Kebblewhite, Tony	Williams, Rex
Kempff, Stefan	Williams, Shannon
Kennedy, Chris	Wilson, Stephen
Kobelt, Eric	Wilson, Rob
Lacey, Kevin	Winter, Bruce
Lawson, Marion	Wirthensohn, Michelle
Leddin, Anthony	Wright, Gary
Lee, Kathryn	Yan, Guijun
Leighton, A	Zeppa, Aldo
Leonforte, Antonio	
Lewin, Laurence	
Lewis, Hartley	
Loi, Angelo	

APPENDIX 5

ADDRESSES OF UPOV AND MEMBER STATES

International Union for the Protection of New Varieties of Plants (UPOV):

International Union for the Protection of New Varieties of Plants (UPOV)
34, Chemin des Colombettes
CH-1211
Geneva 20
SWITZERLAND

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

Web site: <http://www.upov.int>

List of Addresses of Plant Variety Protection Offices in UPOV Member States

Status of Ratification in UPOV member States is available from UPOV website.

APPENDIX 6

CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$800. This is a saving of nearly 40% over the normal fee of \$1400.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met:

Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

analysed data. These staff will require the authority to ensure timely maintenance of the trial. Where provided by the PBR office, the protocol and technical guidelines for the conduct of the trial must be followed.

Substantial industry support

Normally the establishment will be recognised by a state or national industry society or association. This may include/be replaced by a written commitment from major nurseries or other applicants, who have a history of regularly making applications for PBR in Australia, to use the facility.

Capability for long-term storage of genetic material

Depending upon the genus, a CTC must be in a position to make a long-term commitment to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as a national genetic resource centre in perpetuity will be favoured.

Contract testing for 3rd Parties

Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

Relationship between CTC and 3rd Parties

A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

One trial at a time

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

One CTC per genus

Normally only one CTC will be authorised to test a genus. Special circumstances may exist (environmental factors, quarantine etc) to allow more than one CTC per genus, though a special case will need to be made to the PBR office. More than one CTC maybe allowed for roses.

One CTC may be authorised to test more than one genus.
Authorisations for each genus will be reviewed periodically.

Authorised Centralised Test Centres (CTCs)

Following publication of applications for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs. Any special conditions are also listed.

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture laboratory	R Kirkham	31/3/97
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/6/97
Ag-Seed Research	Horsham and other sites	Canola	Field, glasshouse, shadehouse, laboratory and biochemical analyses	P Rudolph	30/6/97
Agriculture Western Australia	Northam WA	Wheat	Field, laboratory	D Collins	30/6/97
University of Sydney, Plant Breeding Institute	Camden, NSW	<i>Argyranthemum</i> , <i>Diascia</i> , <i>Mandevilla</i>	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms,	J Oates	30/6/97

			tissue culture, molecular genetics and cytology lab.		
Boulters Nurseries Monbulk Pty Ltd	Monbulk, VIC	Clematis	Outdoor, shadehouse, greenhouse	M Lunghusen	30/9/97
Geranium Cottage Nursery	Galston, NSW	Pelargonium	Field, controlled environment house	I Paananen	30/11/97
Agriculture Victoria	Hamilton, VIC	<i>Perennial ryegrass, tall fescue, tall wheat grass, white clover, Persian clover</i>	Field, shadehouse, glasshouse, growth chambers. Irrigation. Pathology and tissue culture. Access to DNA and molecular marker technology. Cold storage.	M Anderson	30/6/98
Koala Blooms	Monbulk, VIC	<i>Bracteantha</i>	Outdoor, irrigation	M Lunghusen	30/6/98
Redlands Nursery	Redland Bay, QLD	<i>Aglaonema</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	30/6/98
Protected Plant Promotions	Macquarie Fields, NSW	New Guinea Impatiens including <i>Impatiens hawkeri</i> and its hybrids	Glasshouse	I Paananen	30/9/98
University of Queensland, Gatton College	Lawes, QLD	Some tropical pastures	Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage	To be advised	30/9/98
Jan and Peter Iredell	Moggill, QLD	Bougainvillea	Outdoor, shadehouse	J Iredell	30/9/98
Protected Plant Promotions	Macquarie Fields, NSW	<i>Verbena</i>	Glasshouse	I Paananen	31/12/98
Avondale Nurseries Ltd	Glenorie, NSW	<i>Agapanthus</i>	Greenhouse, tissue culture with commercial partnership	I Paananen	31/12/98
Paradise Plants	Kulnura, NSW	<i>Camellia, Lavandula, Osmanthus, Ceratopetalum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/98
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment greenhouses	C Prescott	31/12/98
F & I Baguley Flower and Plant Growers	Clayton South, VIC	<i>Euphorbia</i>	Controlled glasshouses, quarantine facilities, tissue culture	G Guy	31/3/99
Paradise Plants	Kulnura, NSW	<i>Limonium, Raphiolepis, Eriostemon, Lonicera Jasminum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	30/6/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Angelonia</i>	Glasshouse	I Paananen	30/6/00
Carol's Propagation	Alexandra Hills, QLD	<i>Cuphea, Anthurium</i>	Field beds, wide range of comparative varieties	C Milne D Singh	30/6/00
Queensland Department of Primary Industries, Redlands Research Station	Cleveland, QLD	<i>Cynodon, Zoysia</i> and other selected warm season-season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	D Loch	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.	D. Nichols	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.	D. Nichols	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.	D. Nichols	3/6/2008

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Yates Botanical Pty Ltd	Somersby and Tuggerah, NSW	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen
Aussie Winners Pty Ltd	Redland Bay, QLD	<i>Fuchsia</i>	Comprehensive growing facilities	I Paananen
Schreurs Australia Pty Ltd	Leppington, NSW	<i>Rosa</i>	Comprehensive growing facilities	I Paananen

Comments (both for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

The Registrar
Plant Breeder's Rights Office
IP Australia
PO Box 200
Woden, ACT 2606
Fax (02) 6283 7999

Closing date for comment: 30 September 2008.

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

APPENDIX 8

REGISTER OF PLANT VARIETIES

Register of Plant Varieties contains the legal description of the varieties granted Plant Breeder's Rights. A person may inspect the Register at any reasonable time. Following are the contact details for Registers (1988-2000) kept in each state and territories*

South Australia

Ms Lisa Halskov
AQIS
8 Butler Street
PORT ADELAIDE SA 5000
Phone 08 8305 9706

New South Wales

Mr. Alex Jabs
General Services
AQIS
2 Hayes Road
ROSEBERY NSW 2018
Phone 02 9364 7293

Victoria and Tasmania

Mr. Colin Hall
AQIS
Building D, 2nd Floor
World Trade Centre
Flinders Street
MELBOURNE VIC 3005
Phone 03 9246 6810

Queensland

Mr. Ian Haseler
AQIS
2nd Floor
433 Boundary Street
SPRING HILL QLD 4000
Phone 07 3246 8755

Australian Capital Territory, Northern Territory and Western Australia

ACT and NT Registers are kept
in the Library of PBR Office in Canberra
Phone (02) 6283 2999

* In accordance with an amendment to section 61 of Plant Breeder's Rights Act, from 2002 the Register of Plant Varieties will be available from the Library of PBR Office in Canberra. The Register is also electronically available from the PBR website at <http://pbr.ipaustralia.plantbreeders.gov.au/>



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