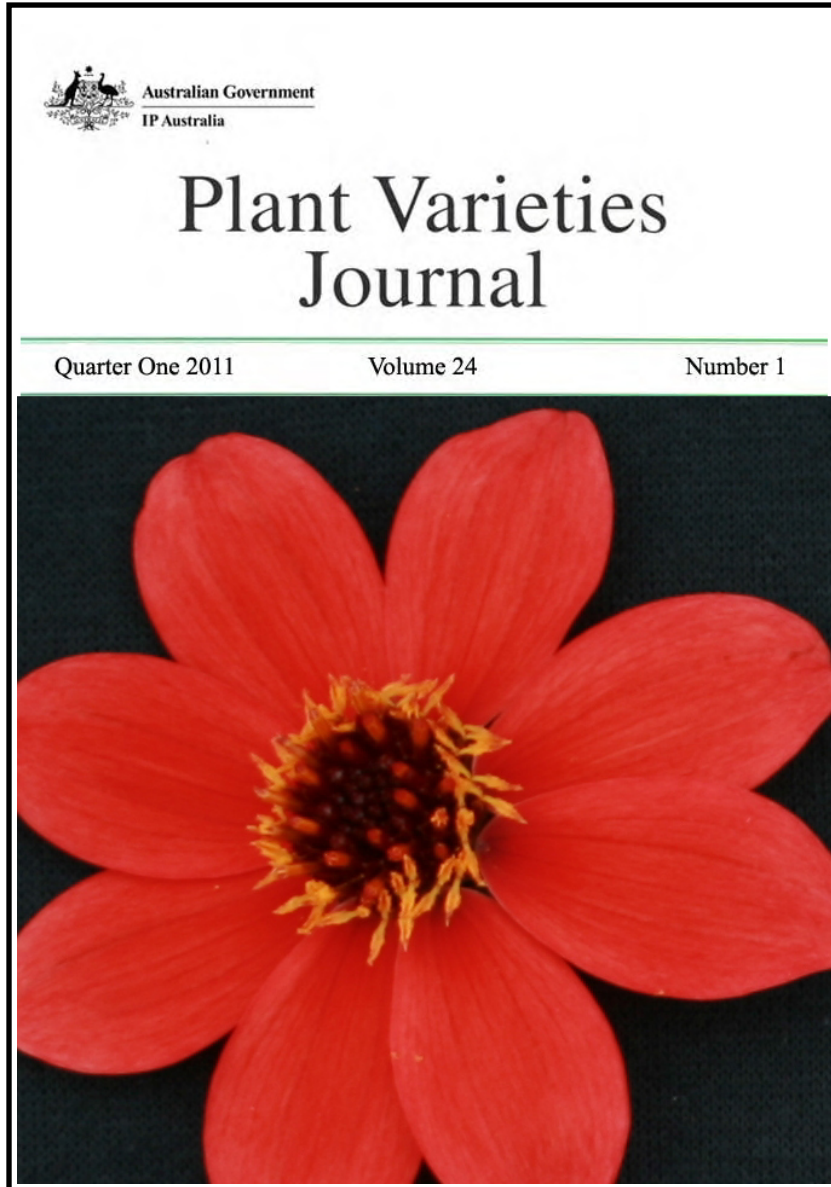




Australian Government
IP Australia

Plant Varieties Journal - Optimised for Screen Viewing



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Rights Office, IP Australia

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Part 1 of *Plant Varieties Journal* provides the link with the General Information about the Plant Breeder's Rights Scheme, the procedures for objections and revocations, UPOV developments, important changes, official notices etc. The General Information pages of *Plant Varieties Journal* (Vol. 24 Issue 1) are listed below:

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Interactive Variety Description System (IVDS)

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

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

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

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

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

Objections and revocations

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

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

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

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

Objections to Applications

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

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

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

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

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

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

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

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

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

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

Report on Breeding Issues

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

Use of Overseas Data

Overseas Testing/Data

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

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

Taxa that must be trailed in Australia

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

Solanum tuberosum Potato

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

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

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

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

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

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

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

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

PBR Infringement

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

On-line Database for PBR Varieties

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

Cumulative Index to Plant Varieties Journal

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

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

Applying for Plant Breeder's Rights

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

Steps in Applying for Plant Breeder's Rights

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

Requirement to Supply Comparative Varieties

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

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

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

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

UPOV Developments

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

The members of UPOV are (as of Nov 22, 2009):

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

Oman became the 68th member of the union on Nov 22, 2009.

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

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

European Developments

Community plant variety rights within the European Union are administered by the Community Plant Variety Office (CPVO) in Angers, France. With more than 2,600 applications per year, the CPVO receives the highest number of requests for variety protection among the members of UPOV. The CPVO provides for one application, one examination and one title of protection that is valid and enforceable in all 27 members of the European Union.

The potential applicants for Plant Variety Rights within European Union are requested to consult [Notes for Applicants](#) published by the Community Plant Variety Office (CPVO). This note aims to answer legal, administrative and financial questions that one may have when requesting Community plant variety rights. Further information is available from [CPVO website](#).

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

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

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

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

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

Instructions to Qualified Persons

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

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

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The detailed descriptions are accepted only in the IVDS format.

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

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

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

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

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

All the Canberra offices and the Sub-offices:

All Saturdays and Sundays in the period

Monday 3 January 2011

New Year's Day

Wednesday, 26 January 2011

Australia Day

Friday, 22 April 2011

Good Friday

Monday, 25 April 2011

Anzac Day / Easter Monday

Tuesday, 26 April 2011

Additional Public Holiday

Monday 26 December 2011 to Monday 2 January 2012

Christmas Close Down

The Canberra offices

Monday 14 March 2011

Canberra Day

Monday 13 June 2011

Queen's Birthday Holiday

Monday 3 October 2011

Labour Day

Monday 10 October 2011

Family & Community Day

The New South Wales sub-office

Monday 13 June 2011

Queen's Birthday Holiday

Monday 3 October 2011

Labour Day

The Queensland sub-office

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

The South Australian sub-office

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

The Tasmanian sub-office

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

The Victorian sub-office

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

The Western Australian sub-office

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

The Northern Territory sub-office

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

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

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



Australian Government
IP Australia

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 24 Issue 1) are listed below:

- [Home](#)
- [Acceptances](#)
- [Variety Descriptions](#)
- [Grants](#)
- [Change of Agent](#)
- [Change of Denomination](#)
- [Assignment of Rights](#)
- [Applications Withdrawn](#)
- [Grants Surrendered](#)
- [Grants Expired](#)

ACCEPTANCES

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

Acacia cognata x *Acacia verniciflua* (Seymour variant)

BOWER WATTLE X VARNISH WATTLE

‘Curtain Call’

Application No: 2010/303 Accepted: 10 February, 2011
Applicant: **Knoxcare Ltd**, Mt Evelyn, VIC.

Actinidia chinensis

KIWIFRUIT

‘W47’

Application No: 2010/306 Accepted: 10 February, 2011
Applicant: **Donald Alfred Skelton**.
Agent: **Global Plant IP Pty Ltd**, Goondiwindi, QLD.

Alstroemeria hybrid

PERUVIAN LILY

‘Gina’

Application No: 2010/285 Accepted: 10 March, 2011
Applicant: **Wulfinghoff Alstroemeria B.V.**.
Agent: **Crop & Nursery Services**, Kincumber, NSW.

‘Lucy’

Application No: 2010/284 Accepted: 10 March, 2011
Applicant: **Wulfinghoff Alstroemeria B.V.**.
Agent: **Crop & Nursery Services**, Kincumber, NSW.

Avena sativa

OATS

‘Aladdin’

Application No: 2010/136 Accepted: 7 March, 2011
Applicant: **The State of Queensland through its Department of Employment, Economic Development and Innovation**, Brisbane, QLD.

Brassica napus

CANOLA

‘ATR-SNAPPER’

Application No: 2011/002 Accepted: 20 January, 2011
Applicant: **Nugrain Pty. Ltd.**, Laverton, VIC.

‘ATR-STINGRAY’

Application No: 2011/004 Accepted: 20 January, 2011
Applicant: **Nuseed Pty. Ltd.**, Laverton North, VIC.

‘CrusherTT’

Application No: 2010/309 Accepted: 17 January, 2011
Applicant: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

‘FighterTT’

Application No: 2010/308 Accepted: 17 January, 2011
Applicant: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

‘GT-TAIPAN’

Application No: 2011/003 Accepted: 20 January, 2011
Applicant: **Nugrain Pty. Ltd.**, Laverton, VIC.

‘ThumperTT’

Application No: 2010/310 Accepted: 17 January, 2011
Applicant: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

Calibrachoa hybrid

CALIBRACHOA

‘Sunbelkopawai’ syn Compact Wine

Application No: 2010/296 Accepted: 30 March, 2011
Applicant: **Suntory Flowers Ltd.**
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

‘Sunbelriki’

Application No: 2010/293 Accepted: 30 March, 2011
Applicant: **Suntory Flowers Ltd.**
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

Citrus reticulata

MANDARIN

‘TANG-GOLD’

Application No: 2010/210 Accepted: 13 January, 2011

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

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

Cordyline hybrid

CORDYLINE, CABBAGE TREE, TI

‘Burgundy’

Application No: 2010/325 Accepted: 30 March, 2011

Applicant: **Malcolm Woolmore.**

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

Coronidium elatum

WHITE PAPER DAISY

‘Sunnyside up’ syn Newplacor1

Application No: 2010/234 Accepted: 30 March, 2011

Applicant: **New World Plants Pty Ltd.**

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

Dianthus xallwoodii

PINKS

‘DP Passion’ syn Passion

Application No: 2010/320 Accepted: 10 February, 2011

Applicant: **Carolyn Grace Bourne.**

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

‘WP 05 PP 22’ syn Slap 'n' Tickle

Application No: 2011/010 Accepted: 10 February, 2011

Applicant: **Carolyn Grace Bourne.**

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

Echeveria hybrida

‘Blue Wren’

Application No: 2010/304 Accepted: 18 January, 2011

Applicant: **The Great Australian Succulent Company Pty Ltd**, Picton, NSW.

Fragaria xananassa

STRAWBERRY

‘BG-959’ syn AUS-SPLENDOR

Application No: 2009/325 Accepted: 23 March, 2011

Applicant: **Berry Genetics, Inc.**

Agent: **Watermark Patent and Trademark Attorneys**, Hawthorn, VIC.

Gaura lindheimeri

GAURA, BUTTERFLY BUSH

‘Camstripe’

Application No: 2010/157 Accepted: 30 March, 2011

Applicant: **Cameron's Nursery Pty Ltd**.

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

Grevillea alpina x *Grevillea lavandulacea tanunda race*

MOUNTAIN GREVILLEA X LAVENDER GREVILLEA

‘Jelly Baby’

Application No: 2011/005 Accepted: 10 February, 2011

Applicant: **N&W Marriott**.

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

Grevillea hybrid

GREVILLEA

‘Deuagold’

Application No: 2011/015 Accepted: 9 March, 2011

Applicant: **Michael Wood**.

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

Helleborus hybrid

WINTER ROSE

‘WinterSunshine’

Application No: 2010/282 Accepted: 8 March, 2011

Applicant: **Roger Harvey**.

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

Hordeum vulgare

BARLEY

‘Whitestallion’

Application No: 2011/028 Accepted: 18 March, 2011

Applicant: **Sheldon Agri Pty Ltd**, Tooma, NSW.

Lactuca sativa

LETTUCE

‘Esky’

Application No: 2010/270 Accepted: 8 February, 2011

Applicant: **Nunhems B.V.**

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

‘WHALE’

Application No: 2010/260 Accepted: 18 January, 2011

Applicant: **Nunhems B.V.**

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

Lolium multiflorum

ITALIAN RYEGRASS

‘BurstARG’ syn FlourishARG

Application No: 2011/021 Accepted: 29 March, 2011

Applicant: **Vicseeds Production Pty Ltd**, Geelong, VIC.

Lomandra confertifolia

MATT RUSH

‘Little Tuffy’

Application No: 2010/278 Accepted: 4 January, 2011
Applicant: **Kevin Moore**, Wandin, VIC.

Loropetalum chinense

CHINESE FRINGE FLOWER

‘Peack’

Application No: 2010/287 Accepted: 30 March, 2011
Applicant: **Plant Development Services, Inc.**
Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

Mandevilla hybrid

MANDEVILLA

‘Sunparapibra’ syn Classic Cream Pink

Application No: 2010/297 Accepted: 18 March, 2011
Applicant: **Suntory Flowers Ltd.**
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

Medicago sativa

LUCERNE

‘SuperSiriver II’ syn SuperCharge

Application No: 2010/226 Accepted: 11 January, 2011
Applicant: **Seed Genetics Australia Pty Ltd**, Unley, SA.

Prunus armeniaca

APRICOT

‘Bounty’

Application No: 2010/299 Accepted: 9 March, 2011
Applicant: **The Minister for Agriculture, Food and Fisheries**, Adelaide, SA.

Prunus dulcis x *Prunus persica*

PRUNUS ROOTSTOCK - INTERSPECIFIC CHERRY

‘Cornerstone’

Application No: 2010/291 Accepted: 10 February, 2011

Applicant: **The Burchell Nursery.**

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

Prunus persica

PEACH

‘Zaisula’ syn Royalpride

Application No: 2010/087 Accepted: 12 January, 2011

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

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

Rosa hybrid

ROSE

‘AUSIMPLE’

Application No: 2010/326 Accepted: 20 January, 2011

Applicant: **David Austin Roses Limited.**

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

‘GRA61281’

Application No: 2011/009 Accepted: 9 March, 2011

Applicant: **Harry Schreuders.**

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

‘GRA6141’

Application No: 2011/008 Accepted: 9 March, 2011

Applicant: **Harry Schreuders.**

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

‘GRA6973’

Application No: 2011/007 Accepted: 9 March, 2011

Applicant: **Harry Schreuders.**

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

‘GRA6P8213’

Application No: 2011/006 Accepted: 9 March, 2011

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

‘Lexyromem’

Application No: 2011/020 Accepted: 30 March, 2011
Applicant: **Levacy Ltd**.
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Meiflemingue’

Application No: 2010/267 Accepted: 10 February, 2011
Applicant: **Meilland International S.A.**.
Agent: **Peter Lee of Selection Meilland Australia**, Rosevears, TAS.

Rubus occidentalis

BLACK RASPBERRY

‘Hortberry1’

Application No: 2010/277 Accepted: 10 February, 2011
Applicant: **The New Zealand Institute for Plant and Food Research Limited**.
Agent: **AJ Park**, Canberra, ACT.

Senecio hybrid

SENECIO, CINERARIA

‘Sunsenlibubi’ syn Light Blue Bicolour

Application No: 2010/295 Accepted: 30 March, 2011
Applicant: **Suntory Flowers Ltd**.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

Trifolium repens

WHITE CLOVER

‘SuperHaifa II’ syn WinterWhite II

Application No: 2010/225 Accepted: 11 January, 2011
Applicant: **Seed Genetics Australia Pty Ltd**, Unley, SA.

Triticum turgidum subsp. *durum*

DURUM WHEAT

‘Tjilkuri’

Application No: 2010/255 Accepted: 20 January, 2011

Applicant: **Adelaide Research & Innovation Pty Ltd, Grains Research Development Corporation.**

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

Vaccinium hybrid

SOUTHERN Highbush BLUEBERRY

‘C00-008’

Application No: 2010/311 Accepted: 30 March, 2011

Applicant: **BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW.**

‘C02-073’

Application No: 2010/313 Accepted: 30 March, 2011

Applicant: **BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW.**

‘C03-015’

Application No: 2010/318 Accepted: 30 March, 2011

Applicant: **BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW.**

‘C03-038’

Application No: 2010/315 Accepted: 30 March, 2011

Applicant: **BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW.**

‘C03-087’

Application No: 2010/312 Accepted: 30 March, 2011

Applicant: **BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW.**

‘C03-158’

Application No: 2010/317 Accepted: 30 March, 2011

Applicant: **BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW.**

‘C04-014’

Application No: 2010/316 Accepted: 30 March, 2011

Applicant: **BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW.**

‘C04-017’

Application No: 2010/314 Accepted: 30 March, 2011

Applicant: **BerryExchange (a division of CostaExchange Ltd)**, Corindi Beach, NSW.

Verbena hybrid

VERBENA

‘Sunvivadaiba’ syn Burgundy Surprise

Application No: 2010/298 Accepted: 18 March, 2011

Applicant: **Suntory Flowers Ltd.**

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

Viola cornuta

HORNED VIOLET

‘Sunviolabu’ syn Violina Aquamarine

Application No: 2010/292 Accepted: 30 March, 2011

Applicant: **Suntory Flowers Ltd.**

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

Vitis spp complex hybrid x *Vitis vinifera*

GRAPEVINE ROOTSTOCK

‘M 48-42’ syn Black Gem

Application No: 2011/018 Accepted: 30 March, 2011

Applicant: **CSIRO Plant Industry**, Canberra, ACT.

Plant Varieties Journal - Search Results

Variety Descriptions

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

Common (Genus Species)	Variety	Title Holder
Bower Wattle (<i>Acacia cognata</i>)	DW1	Treeplanters Nursery
(<i>Acacia spathulifolia</i>)	FlatspathGL	George A Lullfitz
Willow Myrtle (<i>Agonis flexuosa</i>)	Marks Mini	George A Lullfitz
Kangaroo Paw (<i>Anigozanthos hybrid</i>)	Amber Velvet	George A Lullfitz
Kangaroo Paw (<i>Anigozanthos hybrid</i>)	Gold Velvet	George A Lullfitz
Brachiaria hybrid (<i>Brachiaria ruziziensis x decumbens x brizantha</i>)	CIAT BR02/1718	Centro Internacional de Agricultura Tropical (CIAT)
Brachiaria hybrid (<i>Brachiaria ruziziensis x decumbens x brizantha</i>)	CIAT BR02/1752	Centro Internacional de Agricultura Tropical (CIAT)
Brachiaria hybrid (<i>Brachiaria ruziziensis x decumbens x brizantha</i>)	CIAT BR02/1794	Centro Internacional de Agricultura Tropical (CIAT)

<u>Brachiaria hybrid</u> <u>(Brachiaria ruziziensis x decumbens x brizantha)</u>	CIAT BR02/0465	Centro Internacional de Agricultura Tropical (CIAT)
<u>Bottlebrush</u> <u>(Callistemon pallidus x citrinus)</u>	KKH01	J.L. Scholtz
<u>One sided bottlebrush</u> <u>(Calothamnus quadrifidus)</u>	CalflatGL	George A Lullfitz
<u>Mirror Bush</u> <u>(Coprosma repens)</u>	Inferno	Peter Fraser
<u>Dahlia (Dahlia hybrid)</u>	Knockout	Dr Keith Hammett
<u>Dahlia (Dahlia variabilis)</u>	Scarlet Fern	Dr Keith Hammett
<u>Dahlia (Dahlia variabilis)</u>	Zone Ten	Dr Keith Hammett
<u>Terete-leaved Dampiera</u> <u>(Dampiera teres)</u>	Little Girl Pink	George A Lullfitz
<u>Spreading Flax-Lily</u> <u>(Dianella revoluta)</u>	Allyn-Citation	VF and NC Jupp
<u>Euphorbia</u> <u>(Euphorbia characias)</u>	Wilcott	Notcutts Ltd
<u>Euphorbia</u> <u>(Euphorbia hybrid)</u>	Charam	Notcutts Ltd
<u>Spurge</u> <u>(Euphorbia x martinii)</u>	Ascot Rainbow	David Glenn

Strawberry (Fragaria xananassa)	DrisStrawFifteen	Driscoll Strawberry Associates, Inc
Strawberry (Fragaria xananassa)	DrisStrawTwelve	Driscoll Strawberry Associates, Inc
Strawberry (Fragaria xananassa)	Cristal	Plantas de Navarra, S. A. (Planasa)
(Grevillea crithmifolia)	Little Crith	George A Lullfitz
Lettuce (Lactuca sativa)	QUINTUS	Rijk Zwaan Zaadteelt en Zaadhandel BV
Lettuce (Lactuca sativa)	JADIGON	Rijk Zwaan Zaadteelt en Zaadhandel BV
Lettuce (Lactuca sativa)	CAVERNET	Rijk Zwaan Zaadteelt en Zaadhandel BV
Lettuce (Lactuca sativa)	Expedition	Rijk Zwaan Zaadteelt en Zaadhandel BV
Lettuce (Lactuca sativa)	KIBOU	Rijk Zwaan Zaadteelt en Zaadhandel BV
Bay tree (Laurus nobilis)	Pride-of-Provence	Lyndale Intellectual Property Ltd
Bay tree (Laurus nobilis)	Tuscany	Kiwi Flora
(Leptospermum sericeum)	SericpenGL	George A Lullfitz
Apple (Malus domestica)	CIVG198	C.I.V. Consorzio Italiano Vivaisti
Mindiyed (Melaleuca nesophila)	MelpenGL	George A Lullfitz
Boobialla (Myoporum insulare)	FlatinsulGL	George A Lullfitz

<u>Rice (<i>Oryza sativa</i>)</u>	Sherpa	Department of Industry and Investment for and on behalf of the State of New South Wales, Rural Industries Research and Development Corporation, SunRice
<u>Long Leaved Waxflower (<i>Philotheca buxifolia</i>)</u>	SolarEclipse	Robert Harrison
<u>Pimelea (<i>Pimelea ferruginea</i>)</u>	FerrupenGL	George A Lullfitz
<u>Nectarine (<i>Prunus persica</i> var. <i>nucipersica</i>)</u>	Honey May	Zaiger's Inc. Genetics
<u>European Pear (<i>Pyrus communis</i>)</u>	Rullo Special	Cherry Royale Pty Ltd
<u>European Pear (<i>Pyrus communis</i>)</u>	Arena	C.R.A. Istituto Sperimentale per la Frutticoltura
<u>Rose (<i>Rosa hybrid</i>)</u>	Grandizzarapap	Mr H Schreuders
<u>Rose (<i>Rosa hybrid</i>)</u>	GRA6971	Mr H Schreuders
<u>Rose (<i>Rosa hybrid</i>)</u>	Grandollemarac	Mr H Schreuders
<u>Rose (<i>Rosa hybrid</i>)</u>	Grandakerue	Mr H Schreuders
<u>Rose (<i>Rosa hybrid</i>)</u>	Lexepprac	Evalesco
<u>Sugarcane (<i>Saccharum hybrid</i>)</u>	Q242	BSES Limited
<u>Sugarcane (<i>Saccharum hybrid</i>)</u>	Q243	BSES Limited

Christmas Cactus (Schlumbergera truncata)	Precilla	Tillington House Pty Ltd
Bacopa (Sutera grandiflora)	Balabolav	Ball Horticultural Company
Wheat (Triticum aestivum)	Fortune	InterGrain Pty Ltd
Wheat (Triticum aestivum)	Zippy	InterGrain Pty Ltd
Wheat (Triticum aestivum)	JUSTICA CL Plus	Australian Grain Technologies Pty Ltd
Wheat (Triticum aestivum)	SABEL CL Plus	Australian Grain Technologies Pty Ltd
Wheat (Triticum aestivum)	KORD CL Plus	Australian Grain Technologies Pty Ltd
Wheat (Triticum aestivum)	ESTOC	Australian Grain Technologies Pty Ltd
Wheat (Triticum aestivum)	LongReach Orion	LongReach Plant Breeders Management Pty Ltd
Wheat (Triticum aestivum)	LongReach Scout	LongReach Plant Breeders Management Pty Ltd
Coastal Rosemary (Westringia hybrid)	WESNV1	Robert Harrison
Triticale (xTriticosecale)	Coral Sea	The University of Sydney, Grains Research and Development Corporation
Triticale (xTriticosecale .)	El Alamein	The University of Sydney, Grains Research and Development Corporation

Plant Varieties Journal - Search Result Details

(*Acacia spathulifolia*)**Variety:** 'FlatspathGL'**Synonym:** N/A**Application no:** 2010/179**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 04-Aug-2010**Accepted:** 11-Oct-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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



Plant Varieties Journal - Search Result Details

(*Grevillea crithmifolia*)**Variety:** 'Little Crith'**Synonym:** N/A**Application
no:** 2010/181**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 04-Aug-2010**Accepted:** 11-Oct-2010**Granted:** N/A**Description
published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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



Plant Varieties Journal - Search Result Details

(*Leptospermum sericeum*)**Variety:** 'SericpenGL'**Synonym:** N/A**Application
no:** 2010/192**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 24-Aug-2010**Accepted:** 11-Oct-2010**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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



Plant Varieties Journal - Search Result Details

Apple (*Malus domestica*)**Variety:** 'CIVG198'**Synonym:** N/A**Application no:** 2008/205**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Jul-2008**Accepted:** 20-Nov-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Varieties Journal:****Title Holder:** C.I.V. Consorzio Italiano Vivaisti**Agent:** Davies Collison Cave**Telephone:** 0292931000**Fax:** 0292621080

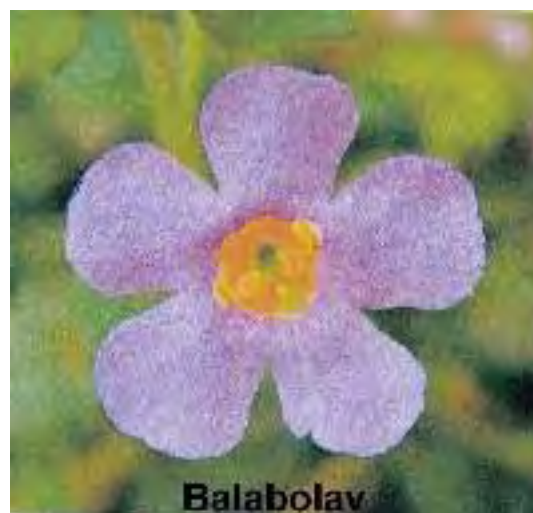
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Bacopa (*Sutera grandiflora*)**Variety:** 'Balabolav'**Synonym:** N/A**Application no:** 2008/190**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 26-Jun-2008**Accepted:** 20-Nov-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Ball Horticultural Company**Agent:** Ball Australia Pty. Ltd.**Telephone:** 039785355**Fax:** 0397983733

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



Plant Varieties Journal - Search Result Details

Bay tree (*Laurus nobilis*)**Variety:** 'Pride-of-Provence'**Synonym:** N/A**Application no:** 2010/160**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-Jul-2010**Accepted:** 04-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Varieties Journal:****Title Holder:** Lyndale Intellectual Property Ltd**Agent:** Touch of Class Plants Pty Ltd**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Bay tree (*Laurus nobilis*)**Variety:** 'Tuscany'**Synonym:** N/A**Application
no:** 2010/056**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 24-Mar-2010**Accepted:** 21-Apr-2010**Granted:** N/A**Description
published
in Plant** Volume 24, Issue 1**Varieties
Journal:****Title Holder:** Kiwi Flora**Agent:** Touch of Class Plants Pty Ltd**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Boobialla (*Myoporum insulare*)**Variety:** 'FlatinsulGL'**Synonym:** N/A**Application no:** 2010/193**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Aug-2010**Accepted:** 09-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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Plant Varieties Journal - Search Result Details

Bottlebrush (*Callistemon pallidus x citrinus*)**Variety:** 'KKH01'**Synonym:** N/A**Application no:** 2007/002**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Jan-2007**Accepted:** 30-Jul-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Varieties Journal:****Title Holder:** J.L. Scholtz**Agent:** Aussie Winners Pty Ltd**Telephone:** 0732067676**Fax:** 0732068922

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



Plant Varieties Journal - Search Result Details

Bower Wattle (*Acacia cognata*)**Variety:** 'DW1'**Synonym:** N/A**Application no:** 2010/007**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 19-Jan-2010**Accepted:** 06-Dec-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Journal:****Title Holder:** Treeplanters Nursery**Agent:** Greenhill's Propagation Nursery Pty Ltd**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Brachiaria hybrid (*Brachiaria ruziziensis* x *decumbens* x *brizantha*)**Variety:** 'CIAT BR02/1718'**Synonym:** N/A**Application no:** 2009/333**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Nov-2009**Accepted:** 21-Dec-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Centro Internacional de Agricultura Tropical (CIAT)**Agent:** Heritage Seeds Pty Ltd**Telephone:** 0746344822**Fax:** 0746344518

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



Plant Varieties Journal - Search Result Details

Brachiaria hybrid (*Brachiaria ruziziensis* x *decumbens* x *brizantha*)**Variety:** 'CIAT BR02/1752'**Synonym:** N/A**Application no:** 2009/332**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Nov-2009**Accepted:** 21-Dec-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Centro Internacional de Agricultura Tropical (CIAT)**Agent:** Heritage Seeds Pty Ltd**Telephone:** 0746344822**Fax:** 0746344518

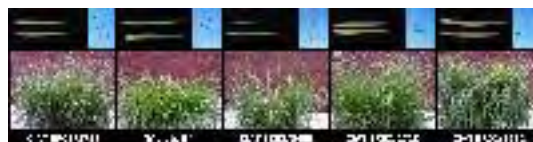
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Brachiaria hybrid (*Brachiaria ruziziensis* x *decumbens* x *brizantha*)**Variety:** 'CIAT BR02/1794'**Synonym:** N/A**Application no:** 2009/334**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Nov-2009**Accepted:** 21-Dec-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Centro Internacional de Agricultura Tropical (CIAT)**Agent:** Heritage Seeds Pty Ltd**Telephone:** 0746344822**Fax:** 0746344518

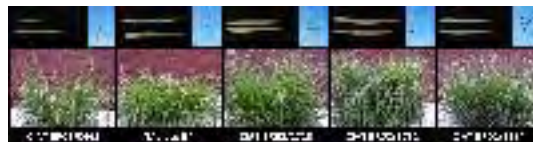
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Brachiaria hybrid (*Brachiaria ruziziensis* x *decumbens* x *brizantha*)**Variety:** 'CIAT BR02/0465'**Synonym:** N/A**Application no:** 2009/331**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Nov-2009**Accepted:** 21-Dec-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Centro Internacional de Agricultura Tropical (CIAT)**Agent:** Heritage Seeds Pty Ltd**Telephone:** 0746344822**Fax:** 0746344518

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



Plant Varieties Journal - Search Result Details

Christmas Cactus (*Schlumbergera truncata*)**Variety:** 'Precilla'**Synonym:** N/A**Application no:** 2009/043**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Mar-2009**Accepted:** 10-Apr-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Tillington House Pty Ltd**Agent:** N/A**Telephone:** 0266549255**Fax:** 0266549266

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



Plant Varieties Journal - Search Result Details

Coastal Rosemary (*Westringia hybrid*)**Variety:** 'WESNV1'**Synonym:** N/A**Application no:** 2010/101**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-May-2010**Accepted:** 22-Jun-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Robert Harrison**Agent:** Touch of Class Plants P/L**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Dahlia (*Dahlia hybrid*)**Variety:** 'Knockout'**Synonym:** Mystic Sun**Application no:** 2007/321**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Dec-2007**Accepted:** 21-Jan-2008**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Dr Keith Hammett**Agent:** Greenhills Propagation Nursery P/L**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Dahlia (*Dahlia variabilis*)**Variety:** 'Scarlet Fern'**Synonym:** Mysticmars**Application no:** 2007/037**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Jan-2007**Accepted:** 15-Dec-2008**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Dr Keith Hammett**Agent:** Greenhills Propagation Nursery P/L**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Dahlia (*Dahlia variabilis*)**Variety:** 'Zone Ten'**Synonym:** Mystic Star**Application no:** 2007/038**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Jan-2007**Accepted:** 16-Dec-2008**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Dr Keith Hammett**Agent:** Greenhills Propagation Nursery P/L**Telephone:** 0356292443**Fax:** 0356292822

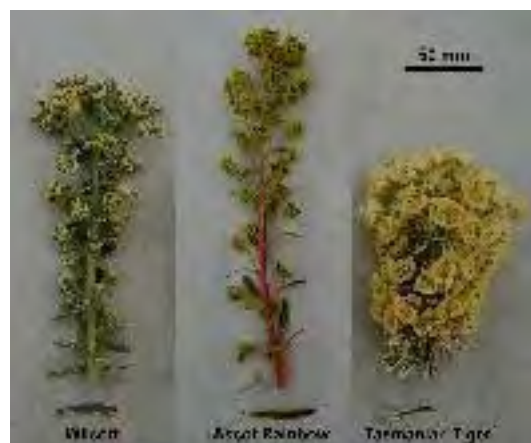
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Euphorbia (*Euphorbia characias*)**Variety:** 'Wilcott'**Synonym:** N/A**Application no:** 2001/351**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Nov-2001**Accepted:** 04-Dec-2001**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Varieties Journal:****Title Holder:** Notcutts Ltd**Agent:** Plants Management Australia Pty Ltd**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

Euphorbia (*Euphorbia hybrid*)**Variety:** 'Charam'**Synonym:** N/A**Application no:** 2001/352**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Nov-2001**Accepted:** 04-Dec-2001**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Notcutts Ltd**Agent:** Plants Management Australia Pty Ltd**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

European Pear (*Pyrus communis*)**Variety:** 'Rullo Special'**Synonym:** N/A**Application
no:** 2004/208**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 21-Jul-2004**Accepted:** 28-Sep-2004**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 1**Title Holder:** Cherry Royale Pty Ltd**Agent:** Australian Nurserymen's Fruit Improvement
Company Limited**Telephone:** 0263326960**Fax:** 0263326962

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



Plant Varieties Journal - Search Result Details

European Pear (*Pyrus communis*)**Variety:** 'Arena'**Synonym:** N/A**Application no:** 2007/226**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Aug-2007**Accepted:** 20-Jul-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** C.R.A. Istituto Sperimentale per la Frutticoltura**Agent:** Davies Collison Cave**Telephone:** 0292931000**Fax:** 0292621080

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



Plant Varieties Journal - Search Result Details

Kangaroo Paw (*Anigozanthos hybrid*)**Variety:** 'Amber Velvet'**Synonym:** N/A**Application
no:** 2005/047**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 24-Feb-2005**Accepted:** 29-Apr-2005**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

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



Plant Varieties Journal - Search Result Details

Kangaroo Paw (*Anigozanthos hybrid*)**Variety:** 'Gold Velvet'**Synonym:** N/A**Application
no:** 2005/048**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 24-Feb-2005**Accepted:** 29-Apr-2005**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** Ozbreed Pty Ltd**Telephone:** 0245772977**Fax:** 0245877728

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



Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'QUINTUS'**Synonym:** N/A**Application
no:** 2009/101**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 18-May-2009**Accepted:** 09-Nov-2009**Granted:** N/A**Description
published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Rijk Zwaan Zaadteelt en Zaadhandel BV**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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



Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'JADIGON'**Synonym:** N/A**Application no:** 2009/100**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-May-2009**Accepted:** 09-Nov-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Rijk Zwaan Zaadteelt en Zaadhandel BV**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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



Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'CAVERNET'**Synonym:** N/A**Application
no:** 2008/268**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 12-Sep-2008**Accepted:** 13-Oct-2008**Granted:** N/A**Description
published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Rijk Zwaan Zaadteelt en Zaadhandel BV**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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



Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'Expedition'**Synonym:** N/A**Application no:** 2010/034**Current status:** Accepted**Certificate no:** N/A**Received:** 23-Feb-2010**Accepted:** 04-Apr-2011**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Rijk Zwaan Zaadteelt en Zaadhandel BV**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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



Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'KIBOU'**Synonym:** N/A**Application no:** 2006/271**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Oct-2006**Accepted:** 10-Nov-2006**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1

There is no detailed description for this variety available in this database.

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

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



Plant Varieties Journal - Search Result Details

Long Leaved Waxflower (*Philotheca buxifolia*)**Variety:** 'SolarEclipse'**Synonym:** N/A**Application no:** 2010/100**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-May-2010**Accepted:** 22-Jun-2010**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Robert Harrison**Agent:** Touch of Class Plants P/L**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Mindiye (*Melaleuca nesophila*)**Variety:** 'MelpenGL'**Synonym:** N/A**Application no:** 2006/050**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Mar-2006**Accepted:** 22-Sep-2006**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

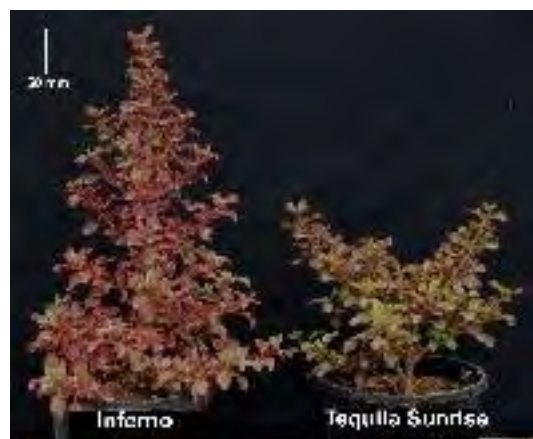
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Mirror Bush (*Coprosma repens*)**Variety:** 'Inferno'**Synonym:** N/A**Application no:** 2010/263**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 19-Oct-2010**Accepted:** 30-Nov-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Varieties Journal:****Title Holder:** Peter Fraser**Agent:** Touch of Class Plants Pty Ltd**Telephone:** 0356292443**Fax:** 0356292822

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



Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var. *nucipersica*)**Variety:** 'Honey May'**Synonym:** N/A**Application
no:** 2009/128**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 01-Jun-2009**Accepted:** 09-Nov-2009**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 1**Title Holder:** Zaiger's Inc. Genetics**Agent:** Graham's Factree Pty Ltd**Telephone:** 0399991999**Fax:** 0359674645

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



Plant Varieties Journal - Search Result Details

One sided bottlebrush (*Calothamnus quadrifidus*)**Variety:** 'CalflatGL'**Synonym:** N/A**Application no:** 2006/052**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Mar-2006**Accepted:** 22-Sep-2006**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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



Plant Varieties Journal - Search Result Details

Pimelea (*Pimelea ferruginea*)**Variety:** 'FerrupenGL'**Synonym:** N/A**Application
no:** 2010/191**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 24-Aug-2010**Accepted:** 11-Oct-2010**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

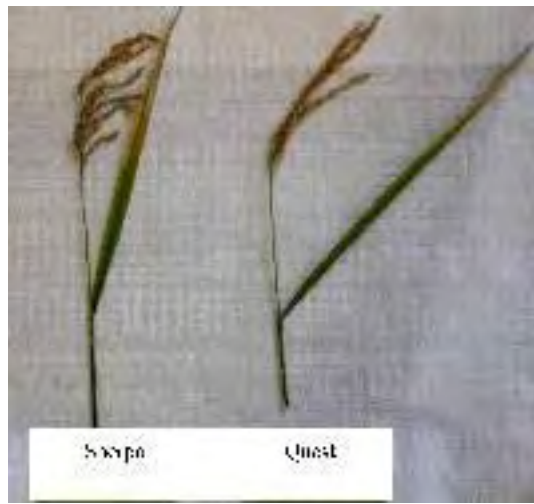
[View the detailed description of this
variety.](#)



Plant Varieties Journal - Search Result Details

Rice (*Oryza sativa*)**Variety:** 'Sherpa'**Synonym:** YRM69**Application no:** 2010/217**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Sep-2010**Accepted:** 13-Dec-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Department of Industry and Investment for and on behalf of the State of New South Wales, Rural Industries Research and Development Corporation, SunRice**Agent:** N/A**Telephone:** 0263913540**Fax:** 0263913740

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Grandizzarapap'**Synonym:** N/A**Application no:** 2009/290**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Oct-2009**Accepted:** 09-Apr-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Varieties Journal:****Title Holder:** Mr H Schreuders**Agent:** Grandiflora Nurseries Pty Ltd**Telephone:** 0397822777**Fax:** 0397822576

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'GRA6971'**Synonym:** N/A**Application no:** 2010/159**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Jul-2010**Accepted:** 17-Aug-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Mr H Schreuders**Agent:** Grandiflora Nurseries Pty Ltd**Telephone:** 0397822777**Fax:** 0397822576

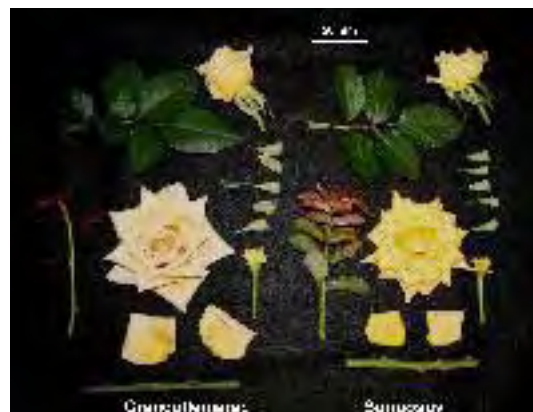
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Grandollemarac'**Synonym:** N/A**Application no:** 2009/288**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Oct-2009**Accepted:** 09-Apr-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Mr H Schreuders**Agent:** Grandiflora Nurseries Pty Ltd**Telephone:** 0397822777**Fax:** 0397822576

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Grandakerue'**Synonym:** N/A**Application no:** 2009/289**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 27-Oct-2009**Accepted:** 09-Apr-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Mr H Schreuders**Agent:** Grandiflora Nurseries Pty Ltd**Telephone:** 0397822777**Fax:** 0397822576

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



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Lexeprac'**Synonym:** N/A**Application no:** 2009/096**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-May-2009**Accepted:** 10-Jun-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Evalesco**Agent:** Grandiflora Nurseries Pty Ltd**Telephone:** 0397822777**Fax:** 0397822576

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



Plant Varieties Journal - Search Result Details

Spreading Flax-Lily (*Dianella revoluta*)**Variety:** 'Allyn-Citation'**Synonym:** N/A**Application
no:** 2007/177**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 10-Jul-2007**Accepted:** 05-Sep-2007**Granted:** N/A**Description
published
in Plant
Varieties
Journal:** Volume 24, Issue 1**Title Holder:** VF and NC Jupp**Agent:** N/A**Telephone:** 0249389280**Fax:** 0249389110

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



Plant Varieties Journal - Search Result Details

Spurge (*Euphorbia x martinii*)**Variety:** 'Ascot Rainbow'**Synonym:** N/A**Application no:** 2009/197**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Aug-2009**Accepted:** 27-Oct-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** David Glenn**Agent:** Plants Management Australia Pty. Ltd.**Telephone:** 0362659050**Fax:** 0362659919

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



Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)**Variety:** 'DrisStrawFifteen'**Synonym:** N/A**Application
no:** 2010/078**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 21-Apr-2010**Accepted:** 24-May-2010**Granted:** N/A**Description
published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Driscoll Strawberry Associates, Inc**Agent:** Phillips Ormonde & Fitzpatrick**Telephone:** 0396141944**Fax:** (03) 9614 1867

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



Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)**Variety:** 'DrisStrawTwelve'**Synonym:** N/A**Application
no:** 2010/067**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 31-Mar-2010**Accepted:** 24-May-2010**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Driscoll Strawberry Associates, Inc**Agent:** Phillips Ormonde & Fitzpatrick**Telephone:** 0396141944**Fax:** (03) 9614 1867

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



Plant Varieties Journal - Search Result Details

Strawberry (*Fragaria xananassa*)**Variety:** 'Cristal'**Synonym:** N/A**Application no:** 2009/276**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Oct-2009**Accepted:** 05-Nov-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Plantas de Navarra, S.A. (Planasa)**Agent:** Red Jewel Fruit Management Pty Ltd**Telephone:** 0746841133**Fax:** 0746841186

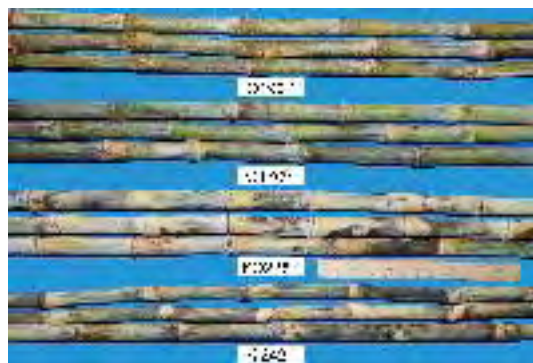
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)**Variety:** 'Q242'**Synonym:** N/A**Application no:** 2010/203**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Sep-2010**Accepted:** 26-Oct-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** BSES Limited**Agent:** N/A**Telephone:** 0749636805**Fax:** 0738710383

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



Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)**Variety:** 'Q243'**Synonym:** N/A**Application no:** 2010/204**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Sep-2010**Accepted:** 26-Oct-2010**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** BSES Limited**Agent:** N/A**Telephone:** 0749636805**Fax:** 0738710383

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



Plant Varieties Journal - Search Result Details

Terete-leaved Dampiera (*Dampiera teres*)**Variety:** 'Little Girl Pink'**Synonym:** N/A**Application no:** 2008/309**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Oct-2008**Accepted:** 15-Dec-2008**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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



Plant Varieties Journal - Search Result Details

Triticale (*xTriticosecale*)**Variety:** 'Coral Sea'**Synonym:** N/A**Application no:** 2010/065**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2010**Accepted:** 15-Jun-2010**Granted:** N/A

Description published in Plant Varieties Journal: Volume 24, Issue 1

Title Holder: The University of Sydney, Grains Research and Development Corporation

Agent: N/A

Telephone: 0261664500

Fax: 0261664599

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



Plant Varieties Journal - Search Result Details

Triticale (*xTriticosecale* .)**Variety:** 'El Alamein'**Synonym:** N/A**Application no:** 2010/063**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2010**Accepted:** 15-Jun-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** The University of Sydney, Grains Research and Development Corporation**Agent:** N/A**Telephone:** 0261664500**Fax:** 0261664599

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'Fortune'**Synonym:** N/A**Application
no:** 2008/291**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 07-Oct-2008**Accepted:** 20-Jan-2009**Granted:** N/A**Description
published
in Plant** Volume 24, Issue 1**Varieties
Journal:****Title Holder:** InterGrain Pty Ltd**Agent:** N/A**Telephone:** 0893683371**Fax:** 0893681205

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'Zippy'**Synonym:** N/A**Application no:** 2008/292**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Oct-2008**Accepted:** 20-Jan-2009**Granted:** N/A**Description published****in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** InterGrain Pty Ltd**Agent:** N/A**Telephone:** 0893683371**Fax:** 0893681205

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'JUSTICA CL Plus'**Synonym:** N/A**Application no:** 2010/188**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Aug-2010**Accepted:** 24-Sep-2010**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** 0883036861**Fax:** 0883036865

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'SABEL CL Plus'**Synonym:** N/A**Application no:** 2010/187**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Aug-2010**Accepted:** 24-Sep-2010**Granted:** N/A**Description****published****in Plant Varieties** Volume 24, Issue 1**Journal:****Title Holder:** Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** 0883036861**Fax:** 0883036865

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'KORD CL Plus'**Synonym:** N/A**Application no:** 2010/186**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Aug-2010**Accepted:** 24-Sep-2010**Granted:** N/A**Description****published****in Plant** Volume 24, Issue 1**Varieties****Journal:****Title Holder:** Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** 0883036861**Fax:** 0883036865

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'ESTOC'**Synonym:** N/A**Application no:** 2010/185**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Aug-2010**Accepted:** 24-Sep-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** Australian Grain Technologies Pty Ltd**Agent:** N/A**Telephone:** 0883036861**Fax:** 0883036865

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



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'LongReach Orion'**Synonym:** LRPB Orion**Application no:** 2009/196**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Aug-2009**Accepted:** 10-Sep-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** LongReach Plant Breeders Management Pty Ltd**Agent:** N/A**Telephone:** 0883821705**Fax:** 0883824199

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



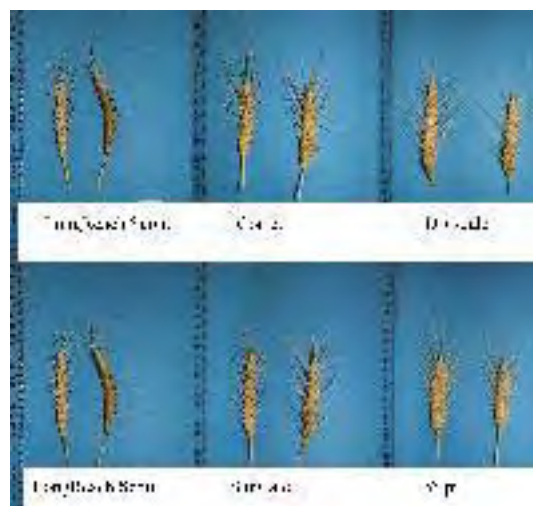
Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'LongReach Scout'**Synonym:** LRPB Scout**Application no:** 2009/195**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 11-Aug-2009**Accepted:** 10-Sep-2009**Granted:** N/A

Description published in Plant Varieties Journal: Volume 24, Issue 1

Title Holder: LongReach Plant Breeders Management Pty Ltd**Agent:** N/A**Telephone:** 0883821705**Fax:** 0883824199

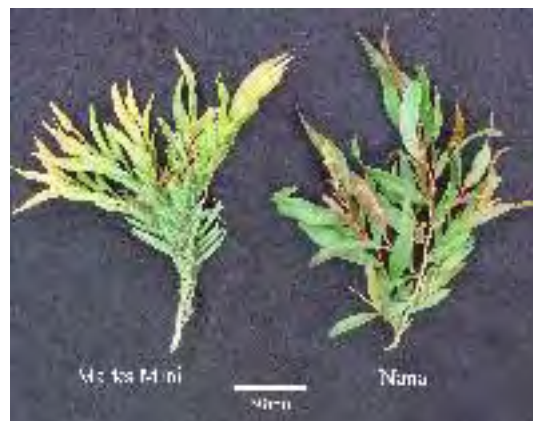
[View the detailed description of this variety.](#)



Plant Varieties Journal - Search Result Details

Willow Myrtle (*Agonis flexuosa*)**Variety:** 'Marks Mini'**Synonym:** N/A**Application no:** 2010/182**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 04-Aug-2010**Accepted:** 11-Oct-2010**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 24, Issue 1**Title Holder:** George A Lullfitz**Agent:** N/A**Telephone:** 0894051607**Fax:** 0893062933

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



Details of Application

Application Number	2010/179
Variety Name	'FlatspathGL'
Genus Species	<i>Acacia spathulifolia</i>
Common Name	
Synonym	
Accepted Date	11 Oct 2010
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway Muchea WA
Descriptor	Acacia (<i>Acacia</i>) PBR ACAC
Period	Jan 2010 – Aug 2010
Conditions	Potted into 250mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50km north of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Observations were made on all plants. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: A selection of an atypical dense prostrate form from within a population of the species near Horrocks, WA, October 2006. The plant was grown from cuttings and has displayed the characteristics it was selected for without variation in all generations. Breeder: George Lullfitz, Wanneroo, WA.

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 of branches	weak
Phyllode	length	medium
Phyllode	width	medium
Phyllode	shape	spathulate
Phyllode	variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Acacia spathulifolia</i>	There are no selected or named varieties of the species. Cutting grown plants were used; these were taken from a single clone to represent 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	'FlatspathGL'	<i>Acacia spathulifolia</i>
<input type="checkbox"/> Plant: type	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	creeping	bushy
<input checked="" type="checkbox"/> Plant: attitude of branches	spreading	semi-upright
<input type="checkbox"/> Plant: curvature of branches	horizontal	strongly downwards
<input type="checkbox"/> Plant: density of branches	weak	weak
<input checked="" type="checkbox"/> Plant: height	very short	medium
<input checked="" type="checkbox"/> Internode: length	very short	short to medium
<input type="checkbox"/> Phyllode: length	medium	medium
<input type="checkbox"/> Phyllode: width	medium	medium
<input type="checkbox"/> Phyllode: shape	spathulate	spathulate
<input type="checkbox"/> Phyllode: colour of mature leaf (RHS colour chart)	147A	137A
<input type="checkbox"/> Phyllode: variegation	absent	absent

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2010/181
Variety Name	'Little Crith'
Genus Species	<i>Grevillea crithmifolia</i>
Common Name	
Synonym	
Accepted Date	11 Oct 2010
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway Muchea WA
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Jan 2010 – Aug 2010
Conditions	Potted into 250mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50km north of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Spontaneous mutation: In Jul 2005 a sport was observed on a plant of the parent in a garden in Wanneroo, WA. The characteristics were desirable and observations continued to see if they remained stable. In Oct 2005 cuttings were taken to establish the sport. During the period Oct 2005 – Jan 2010 several generations were propagated from cuttings and tissue culture. 'Little Crith' has remained stable over all these and subsequent generations from both TC and cuttings. It continues to express the characteristics it was selected for. Breeder: George Lullfitz, Wanneroo, WA

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	degree of branching	high
Leaf	size	very small
Stem	internode spacing	short
Plant growth habit	shape in cross section	rounded

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Prostrate form	This is the only low growing variety and is also the parent from which the sport was derived.

Variety 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 Crith’	Prostrate form
<input checked="" type="checkbox"/> Plant: type	shrub	groundcover
<input checked="" type="checkbox"/> Plant: growth habit	bushy	creeping
<input type="checkbox"/> Plant: height	short	very short
<input checked="" type="checkbox"/> Plant: width	medium	broad to very broad
<input type="checkbox"/> Stem: degree of hairiness	low	low
<input type="checkbox"/> Stem: thorns, prickles, spines etc	absent	absent
<input type="checkbox"/> Stem: presence of hairs	present	absent
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	absent
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: attitude	semi-erect	semi-erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input type="checkbox"/> Leaf: length of blade	short	short
<input type="checkbox"/> Leaf: width of blade	very narrow	very narrow
<input type="checkbox"/> Leaf: length of petiole	short	short
<input type="checkbox"/> Leaf: shape	pinnatisect	pinnatisect
<input type="checkbox"/> Leaf: shape of apex	mucronate	mucronate
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: shape of cross-section	concave	concave
<input type="checkbox"/> Leaf: glossiness of upper side	very weak	very weak
<input checked="" type="checkbox"/> Leaf: green colour	light	medium to dark
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input checked="" type="checkbox"/> Leaf: primary colour (RHS colour chart)	N147A	N189A
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> Flower: attitude	horizontal	horizontal
<input type="checkbox"/> Flower: diameter	small	medium
<input type="checkbox"/> Flower: fragrance	present	present
<input type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Little Crith'	Prostrate form
<input type="checkbox"/> Flower: primary colour	white	white
<input type="checkbox"/> Leaf: number of segments	3-5	3-6

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/192
Variety Name	'SericpenGL'
Genus Species	<i>Leptospermum sericeum</i>
Common Name	
Synonym	
Accepted Date	11 Oct 2010
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway, Muchea, WA
Descriptor	General Descriptor PBR GEN DES
Period	Jan 2010 – Aug 2010
Conditions	Potted into 200mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50km north of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Observations were made on all plants. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: In May 2004 a seedling selection of an atypical, narrow erect growing plant from within a seedling batch of the common form grown as nursery production stock. In Jun 2004 cuttings were taken from the original stock plant. Further re-propagations were taken between 2004 and 2010. The variety 'SericpenGL' demonstrates the character for which it was selected. All generations were uniform and stable with no off types being observed. Breeder: George Lullfitz, Wanneroo, WA

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	narrow erect
Leaf	colour	silvery green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Common industry form	There are no named varieties in the industry. The limited number grown are grown from seed. The industry form for the DUS trial will be grown from cuttings taken from a typical seed grown form 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	‘SericpenGL’	common industry form
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	narrow erect	narrow erect
<input type="checkbox"/> Plant: height	medium to tall	medium to tall
<input type="checkbox"/> Plant: width	narrow	narrow
<input type="checkbox"/> Stem: degree of hairiness	high	high
<input type="checkbox"/> Stem: thorns, prickles, spines etc	absent	absent
<input type="checkbox"/> Stem: presence of hairs	present	present
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: attitude	erect	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input type="checkbox"/> Leaf: shape	obovate	obovate
<input type="checkbox"/> Leaf: shape of apex	obtuse	mucronate
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: shape of cross-section	flat	flat
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	very weak	very weak
<input type="checkbox"/> Leaf: green colour	light to medium	light to medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘SericpenGL’	common industry form
<input checked="" type="checkbox"/> Flowers: presence at time of trial	absent	present
<input checked="" type="checkbox"/> Stem: number of lateral branches	many	medium
<input checked="" type="checkbox"/> Plant: foliage density	high	medium

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2008/205
Variety Name	'CIVG198'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Synonym	
Accepted Date	20 Nov 2008
Applicant	C.I.V. Consorzio Italiano Vivaisti, Italy.
Agent	Davies Collison Cave, Sydney, NSW,
Qualified Person	Graham Fleming

Details of Comparative Trial

Overseas Testing	CPVO
Authority	
Overseas Data	2005/0312
Reference Number	
Descriptor	Apple (<i>Malus domestica</i>) TG/14/9
Period	
Conditions	Where possible the overseas data was verified under local conditions at Taggerty Victoria.

Origin and Breeding

Controlled pollination: 'Gala' x 'Liberty' The selection of 'CIVG198' was made in 1996 and asexual propagation of this selection was conducted via budding and grafting in 1996. The successive progeny of the new selection have proven to be stable and true to type. Breeder: Micehlangelo Leis, Glanfranco Castagnoli, Alessio Martinelli, Francesco Tagliani.

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	size	medium
Fruit	ground colour	yellow
Fruit	relative area of overcolour	very large
Fruit	colour of flesh	cream
Fruit	hue of over colour	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Simmons Gala'	'CIVG198' is a very distinct variety that includes Gala in its parentage. The variety 'Simmons Gala' is a high coloured strain of 'Imperial Gala'.
'CIVG198' local observations	Observations from material growing under local conditions at Taggerty, VIC.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
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‘Jonathan’	Fruit	relative area of over colour	very large	medium	
‘Jonathan’	Fruit	colour of over colour	Dark red-purple	red	
‘Joanathan’	Fruit	Shape	Oblong conical	globose	
‘Fuji’	Fruit	time of maturity	medium	late	
‘Granny Smith’	Fruit	time of maturity	medium	late	
‘Granny Smith’	Fruit	skin colour	Dark red-purple	green	
‘Golden Noble’	Fruit	shape	oblong, ellipsoid	globose	
‘Golden Noble’	Fruit	skin colour	Dark red-purple	golden green	
‘Idared’	Fruit	shape	oblong, ellipsoid	flat globose	
‘Cripps Pink’	Fruit	hue of over colour	red to dark red	pink	
‘Kent’	Fruit	shape	oblong, ellipsoid	narrow conical	‘Kent’ is a very old variety that appears to have poor skin and colour compared to ‘CIVG198’

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

Organ/Plant Part: Context	‘CIVG198’	‘CIVG198’ local observations	‘Simmons Gala’
<input type="checkbox"/> Tree: vigour	medium		
<input type="checkbox"/> *Tree: type	ramified		
<input type="checkbox"/> *Tree: habit (varieties with ramified tree type only)	spreading		spreading
<input type="checkbox"/> One-year-old shoot: thickness	medium		
<input type="checkbox"/> *One-year-old shoot: length of internode	long		
<input type="checkbox"/> *One-year-old shoot: number of lenticels	medium		
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	outwards		
<input checked="" type="checkbox"/> *Leaf blade: length	medium		long
<input checked="" type="checkbox"/> *Leaf blade: width	medium		broad
<input type="checkbox"/> *Leaf blade: ratio length/width	medium		
<input type="checkbox"/> *Petiole: length	long		

<input type="checkbox"/>	*Fruit: size	medium		medium
<input type="checkbox"/>	*Fruit: ratio height/diameter	large		
<input checked="" type="checkbox"/>	*Fruit: general shape	ellipsoid		globose
<input type="checkbox"/>	Fruit: ribbing	absent or weak		absent or weak
<input type="checkbox"/>	Fruit: crowning at calyx end	moderate		
<input type="checkbox"/>	*Fruit: size of eye	medium		
<input type="checkbox"/>	Fruit: length of sepal	medium		
<input type="checkbox"/>	*Fruit: bloom of skin	absent or weak		absent or weak
<input type="checkbox"/>	Fruit: greasiness of skin	absent or weak		
<input type="checkbox"/>	*Fruit: ground colour	yellow		yellow
<input type="checkbox"/>	*Fruit: relative area of over colour	very large		very large
<input type="checkbox"/>	*Fruit: hue of over colour ? with bloom removed	red		red
<input type="checkbox"/>	*Fruit: intensity of over colour	dark		medium to dark
<input type="checkbox"/>	*Fruit: pattern of over colour	solid flush with weakly defined stripes	only solid flush	solid flush with weakly defined stripes
<input type="checkbox"/>	*Fruit: area of russet around stalk attachment	absent or small		absent or small
<input type="checkbox"/>	Fruit: area of russet on cheeks	medium	absent or small	absent or small
<input type="checkbox"/>	*Fruit: area of russet around eye basin	absent or small		absent or small
<input type="checkbox"/>	Fruit: size of lenticels	small		
<input checked="" type="checkbox"/>	*Fruit: firmness of flesh	very firm		firm
<input type="checkbox"/>	*Fruit: colour of flesh	cream		cream
<input type="checkbox"/>	*Fruit: aperture of locules	closed or slightly open		
<input type="checkbox"/>	*Time of: beginning of flowering	medium		medium to late
<input checked="" type="checkbox"/>	*Time of: eating maturity	late	medium	early

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Brazil	2008	Granted	'CIVG198'
Canada	2008	Applied	'CIVG198'
Switzerland	2007	Granted	'CIVG198'
Norway	2008	Applied	'CIVG198'
New Zealand	2008	Applied	'CIVG198'
EU	2005	Granted	'CIVG198'
Turkey	2009	Granted	'CIVG198'
USA	2006	Granted	'CIVG198'

First sold in Italy, April 2005.

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

Details of Application

Application Number	2008/190
Variety Name	'Balabolav'
Genus Species	<i>Sutera grandiflora</i>
Common Name	Bacopa
Synonym	Nil
Accepted Date	20 Nov 2008
Applicant	Ball Horticultural Company, West Chicago, Illinois
Agent	Ball Australia Pty. Ltd., Keysborough, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	Canadian Food Inspection Agency
Overseas Data	Certificate number 3533
Reference Number	
Location	St Thomas Ontario, Canada
Descriptor	Sutera (<i>Sutera</i>) TG/232/1
Period	2008
Conditions	Trials for 'Balabolav' were conducted in a polyhouse during the spring of 2008 in St. Thomas, Ontario. The trial included a total of 15 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 15cm pots on Mar 18, 2008.
Trial Design	10 plants in block design.
Measurements	Observations and measurements were taken from 10 plants of each variety on May 13, 2008.
RHS Chart - edition	Fifth edition

Origin and Breeding

Open pollination followed by seedling selection: the female parent of the new cultivar is the proprietary *Sutera grandiflora* breeding selection designated 5370-2, the male parent is not known. 'Balabolav' was discovered and selected as a single flowering plant within the progeny of the above stated open pollination during Aug 2005 in a controlled environment at Guadalupe, California.

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 blade	variegation	absent
Flower	type	single
Corolla	number of colours (excluding mouth of corolla tube)	one
Corolla	main colour	violet

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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'Copia Gulliver Lilac'	
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Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	‘Balabolav’	‘Copia Gulliver Lilac’
<input type="checkbox"/> *Plant: height	very short	
<input type="checkbox"/> Shoot: length of internodes	short	short to medium
<input type="checkbox"/> Shoot: anthocyanin colouration	weak to medium	
<input type="checkbox"/> *Leaf: type	simple	
<input checked="" type="checkbox"/> *Leaf blade: length	short	medium
<input type="checkbox"/> Leaf blade: position of broadest part	in middle	
<input type="checkbox"/> Leaf blade: depth of incisions of margin (varieties with simple leaves only)	shallow	
<input type="checkbox"/> *Leaf blade: variegation	absent	absent
<input type="checkbox"/> Leaf blade: main colour	medium green	
<input type="checkbox"/> *Flower: type	single	single
<input type="checkbox"/> *Corolla: number of colours (excluding mouth of corolla tube)	one	one
<input type="checkbox"/> *Corolla: main colour (RHS colour chart)	85B-C	
<input checked="" type="checkbox"/> Corolla lobe: width	narrow	medium
<input type="checkbox"/> Corolla lobe: shape of apex	truncate	
<input checked="" type="checkbox"/> Corolla tube: length	short	medium
<input type="checkbox"/> Corolla tube: main colour at mouth	orange	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Balabolav’	‘Copia Gulliver Lilac’
<input type="checkbox"/> Corolla: main colour	violet	violet
<input checked="" type="checkbox"/> Flower: size	small	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2007	Granted	‘Balabolav’
EU	2007	Withdrawn	‘Balabolav’
USA	2007	Granted	‘Balabolav’

First sold in the USA in November 2006 and in Australia May 2008.

Description: **Mark Lunghusen**, Outback Plants, Cranebourne, VIC.

Details of Application

Application Number	2010/160
Variety Name	'Pride-of-Provence'
Genus Species	<i>Laurus nobilis</i>
Common Name	Bay tree
Synonym	Nil
Accepted Date	04 Nov 2010
Applicant	Lyndale Intellectual Property Ltd, Auckland, NZ
Agent	Touch of Class Plants Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

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

Origin and Breeding

Open pollination followed by seedling selection: seed was sown from *Laurus nobilis* and germinated in 1998. The candidate variety was selected from the resultant seedlings based on its compact habit. It has been propagated through 3 generations to determine uniformity and stability.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Leaf	colour	green
Leaf	presence of variegation	absent
Leaf	shape	elliptic
Leaf	fragrance	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tuscany'	
<i>Laurus nobilis</i>	

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

Organ/Plant Part: Context	'Pride-of-Provence'	<i>Laurus nobilis</i>	'Tuscany'
<input type="checkbox"/> Plant: type	shrub	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	bushy	narrow erect	erect
<input checked="" type="checkbox"/> Plant: size	small	medium to large	medium to large

<input checked="" type="checkbox"/>	Plant: width	medium	narrow	narrow to medium
<input checked="" type="checkbox"/>	Young shoot: anthocyanin colouration	absent or very weak	very strong	absent or very weak
<input type="checkbox"/>	Leaf: leaf type	simple	simple	simple
<input type="checkbox"/>	Leaf: attitude	erect	erect	erect
<input type="checkbox"/>	Leaf: arrangement	alternate	alternate	alternate
<input type="checkbox"/>	Leaf: length of petiole	medium	medium	medium
<input type="checkbox"/>	Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/>	Leaf: incision of margin	absent	absent	absent
<input checked="" type="checkbox"/>	Leaf: undulation of the margin	weak to medium	very weak	weak to medium
<input type="checkbox"/>	Leaf: shape of cross-section	flat	flat	flat
<input type="checkbox"/>	Leaf: curvature of longitudinal axis	straight	straight	straight
<input type="checkbox"/>	Leaf: glossiness of upper side	very weak	very weak	very weak
<input type="checkbox"/>	Leaf: green colour	dark	light to medium	dark
<input type="checkbox"/>	Leaf: presence of variegation	absent	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Pride-of-Provence’	<i>Laurus nobilis</i>	‘Tuscany’	
<input checked="" type="checkbox"/>	Plant: density	very dense	sparse to dense	dense
<input checked="" type="checkbox"/>	Immature leaf: primary colour (RHS)	green 137A	green 144A	green 137C
<input checked="" type="checkbox"/>	Plant: shape	rounded	columnar	columnar
<input checked="" type="checkbox"/>	Leaf: shape	broadly elliptic	narrow elliptic	broadly elliptic
<input checked="" type="checkbox"/>	Leaf: shape of base	obtuse	acute	obtuse
<input checked="" type="checkbox"/>	Mature leaf: primary colour (RHS)	green 136A	green N137A	green 135A
<input type="checkbox"/>	Leaf: fragrance	present	present	present
<input checked="" type="checkbox"/>	Leaf: intensity of fragrance	medium	medium	strong

Statistical Table

Organ/Plant Part: Context	‘Pride-of-Provence’	<i>Laurus nobilis</i>	‘Tuscany’
<input checked="" type="checkbox"/>	Leaf: length (mm)		
Mean	88.76	104.65	84.48
Std. Deviation	6.89	3.33	7.38
LSD/sig	6.64	P≤0.01	ns

<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	43.21	32.83	42.58
Std. Deviation	4.10	3.33	2.83
LSD/sig	4.87	P≤0.01	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2006	Applied	'Pride of Provence'
USA	2007	Granted	'Pride of Provence'

First sold in NZ in August 2005.

Description: **Mark Lunghusen**, World Select Plants, Cranebourne, VIC.

Details of Application

Application Number	2010/056
Variety Name	'Tuscany'
Genus Species	<i>Laurus nobilis</i>
Common Name	Bay Tree
Synonym	Nil
Accepted Date	21 Apr 2010
Applicant	Kiwi Flora, Auckland, NZ
Agent	Touch of Class Plants Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Tynong, VIC.
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES.
Period	Autumn to Summer 2010.
Conditions	Plants were grown in 20cm pots in a covered polyhouse with no walls in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
Trial Design	10 plants in block design.
Measurements	Taken from middle third of stem.
RHS Chart - edition	Fifth edition.

Origin and Breeding

Seedling selection: At Lyndale Nurseries, Auckland, a batch of *Laurus nobilis* seed was raised for a commercial crop in 1998. From these growing seedlings a plant was isolated as it exhibited distinctive plant habit from the rest of the seedlings. The plant was then grown on and further evaluated. Selection criteria: columnar plant shape and density. The plant was propagated by vegetative cuttings and was grown on to establish uniformity and stability.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Leaf	colour	green
Leaf	presence of variegation	absent
Leaf	shape	elliptic
Leaf	fragrance	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Laurus nobilis</i>	
'Pride-of-Provence'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate	State of Expression in Comparator Variety	Comments
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		Variety	
Angustifolia leaf	width	medium	very narrow
Aurea leaf	colour	green	yellow

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

Organ/Plant Part: Context	‘Tuscany’	<i>Laurus nobilis</i>	‘Pride-of-Provence’
<input type="checkbox"/> Plant: type	shrub	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	erect	narrow erect	bushy
<input checked="" type="checkbox"/> Plant: size	medium to large	medium to large	small
<input type="checkbox"/> Plant: width	narrow to medium	narrow	medium
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	absent or very weak	very strong	absent or very weak
<input type="checkbox"/> Leaf: leaf type	simple	simple	simple
<input type="checkbox"/> Leaf: attitude	erect	erect	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate	alternate
<input type="checkbox"/> Leaf: length of petiole	medium	medium	medium
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf: incision of margin	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: undulation of the margin	weak to medium	very weak	weak to medium
<input type="checkbox"/> Leaf: shape of cross-section	flat	flat	flat
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	very weak	very weak	very weak
<input type="checkbox"/> Leaf: green colour	dark	light to medium	dark
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Tuscany’	<i>Laurus nobilis</i>	‘Pride-of-Provence’
<input checked="" type="checkbox"/> Plant: density	dense	sparse to dense	very dense
<input checked="" type="checkbox"/> Plant: shape	columnar	columnar	rounded
<input type="checkbox"/> Leaf: shape	broadly elliptic	narrow elliptic	broadly elliptic
<input checked="" type="checkbox"/> Immature leaf: primary colour (RHS)	green 137C	green 144A	green 137A
<input type="checkbox"/> Mature leaf: primary colour (RHS)	green 135A	green N137A	green 136A
<input type="checkbox"/> Leaf: fragrance	present	present	present
<input type="checkbox"/> Leaf: intensity of fragrance	strong	medium	medium
<input checked="" type="checkbox"/> Leaf: shape of base	obtuse	acute	obtuse

Statistical Table

Organ/Plant Part: Context	‘Tuscany’	<i>Laurus nobilis</i>	‘Pride-of-Provence’
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	84.48	104.65	88.76
Std. Deviation	7.38	3.33	6.89
LSD/sig	6.64	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	42.58	32.83	43.21
Std. Deviation	2.83	3.33	4.10
LSD/sig	4.87	P≤0.01	ns

Prior Applications and Sales

Nil.

First sold in Australia in April 2009.

Description: **Mark Lunghusen**, World Select Plants, Cranebourne, VIC.

Details of Application

Application Number	2010/193
Variety Name	'FlatinsulGL'
Genus Species	<i>Myoporum insulare</i>
Common Name	Boobialla
Synonym	
Accepted Date	09 Nov 2010
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway Muchea WA
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Jan 2010-Aug 2010
Conditions	Potted into 250mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Observations were made on all plants. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: In 2006 a selection of an atypical dense prostrate form from within a population of the species near Esperance WA. The plant was grown from cuttings and has displayed the characteristics it was selected for without variation in all generations. Breeder: George Lullfitz, Wanneroo, WA

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	size	medium
Stem	thickness	very thick
Stem	presence of hairs	absent
Stem	presence of anthocyanin in new growth	absent
Leaf	undulation of the margin	very weak
Leaf	presence of variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Myoporum insulare</i>	Common industry form of <i>Myoporum insulare</i> . No named varieties exist.

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

Organ/Plant Part: Context	'FlatinsulGL'	<i>Myoporum insulare</i>
<input type="checkbox"/> Plant: type	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	creeping	bushy
<input checked="" type="checkbox"/> Plant: height	very short	medium
<input type="checkbox"/> Plant: width	broad	medium
<input type="checkbox"/> Stem: presence of hairs	absent	absent
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	absent
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: size	medium	medium
<input checked="" type="checkbox"/> Leaf: attitude	horizontal	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input checked="" type="checkbox"/> Leaf: length of blade	short	medium to long
<input checked="" type="checkbox"/> Leaf: width of blade	broad	narrow to medium
<input type="checkbox"/> Leaf: length of petiole	short	short
<input checked="" type="checkbox"/> Leaf: shape	obovate	elliptic
<input checked="" type="checkbox"/> Leaf: shape of apex	mucronate	acuminate
<input type="checkbox"/> Leaf: shape of base	cuneate	attenuate
<input checked="" type="checkbox"/> Leaf: incision of margin	present	absent
<input type="checkbox"/> Leaf: depth of incision	very shallow	
<input type="checkbox"/> Leaf: type of incision	toothed	
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: shape of cross-section	flat	flat
<input type="checkbox"/> Leaf: curvature of longitudinal axis	recurved	straight
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent

Prior Applications and Sales

Nil.

First sold in Australia 1 August 2010

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

Details of Application

Application Number	2007/002
Variety Name	'KKH01'
Genus Species	<i>Callistemon pallidus</i> x <i>citrinus</i>
Common Name	Bottlebrush
Synonym	
Accepted Date	30 Jul 2008
Applicant	J.L. Scholtz, Skeerpoort, South Africa
Agent	Aussie Winners Pty Ltd, Redland Bay, QLD
Qualified Person	Pamela Berryman

Details of Comparative Trial

Location	191 Gordon Road, Redland Bay
Descriptor	Callistemon (<i>Callistemon</i>) PBR CALL
Period	18 Sep 09 – 22 Oct 10
Conditions	10 plants of <i>Callistemon</i> 'Hot Pink', 10 plants of <i>Callistemon</i> 'Endeavour', and 10 plants of <i>Callistemon</i> 'Mauve Mist' were trialled under 14% hail netting. All were under irrigation and sprayed with a general fungicide preventative which was applied to all crops in the trial area, as needed.
Trial Design	Randomly spaced plants 10 of each.
Measurements	Observations from all plants.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: Breeding took place in Skeerpoort, South Africa in 1999. Plants of *Callistemon* 'Endeavour' and *Callistemon pallidus* were hand-pollinated by the breeder. The selection came from the third generation hybrids, with seed collected from the *C. pallidus* parent. This was to obtain the compact growth and smaller foliage. A more compact, tidy growth was noticed on one of the selections and this provided the selection. Breeder: J.L Scholtz.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	attitude	upright
Plant	density	medium to strong
Plant	height	short to medium
Plant	width	narrow to medium
Plant	branching	medium
Leave	width	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Endeavour'	

Varieties of Common Knowledge identified above and

subsequently excluded

Variety	Distinguishing Characteristic Organ/Plant Part Context	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Mauve Mist'	Leaf: shape	broad obovate	narrow elliptic	
<i>C. pallidus</i>	Stamen: colour	pink	yellow	

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

Organ/Plant Part: Context	'KKH01'	'Endeavour'
<input type="checkbox"/> Plant: attitude	upright	upright
<input type="checkbox"/> Plant: density	medium to strong	medium
<input type="checkbox"/> Plant: height	short to medium	medium
<input type="checkbox"/> Plant: width	narrow to medium	narrow
<input type="checkbox"/> Plant: branching	medium	medium
<input checked="" type="checkbox"/> Leaf: length	medium	long
<input type="checkbox"/> Leaf: width	medium	medium
<input checked="" type="checkbox"/> Leaf: colour of new growth	greyed orange 177A	175A
<input type="checkbox"/> Leaf: colour of mature leaf upper side (RHS colour chart)	137C	146B
<input type="checkbox"/> Leaf: colour of mature leaf lower side (RHS colour chart)	144A	146B
<input checked="" type="checkbox"/> Flower: colour of stamen (RHS colour chart)	67A	45B
<input checked="" type="checkbox"/> Flower: colour of stigma (RHS colour chart)	pale yellow	red
<input type="checkbox"/> Flower: colour of bud (RHS colour chart)	138B-C	138B-C
<input type="checkbox"/> Flower: colour of petal (RHS colour chart)	138B-C	138B-C

Prior Applications and Sales

Country	Year	Current Status	Name Applied
South Africa	2001	Granted	'KKH01'

First sold in South Africa in January 2003

Description: Pam Berryman, Redland Bay, QLD

Details of Application

Application Number	2010/007
Variety Name	'DW1'
Genus Species	<i>Acacia cognata</i>
Common Name	Bower Wattle
Synonym	Nil
Accepted Date	06 Dec 2010
Applicant	Treeplanters Nursery, Springvale Sth, VIC
Agent	Greenhill's Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Tynong
Descriptor	Acacia (<i>Acacia</i>) PBR ACAC
Period	Autumn – Summer 2010
Conditions	Plants were grown in 20cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown in a covered polyhouse on benches with overhead watering.
Trial Design	10 plants in block design
Measurements	Taken from middle third of stems
RHS Chart - edition	Fifth edition

Origin and Breeding

Open pollination followed by seedling selection: seed was collected from the breeder's property from *Acacia cognate*, a tall growing form. The seed was sown and germinated and the resultant seedlings grown to a larger size. The candidate variety was selected from the seedlings as showing a more compact habit and was propagated vegetatively to determine distinctness, uniformity and stability.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Plant	attitude of branches	semi-upright
Plant	growth habit	bushy
Plant	width	medium
Phyllode	shape	falcate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bower of Beauty'	
'River Cascade'	
'Limelight'	
'Mini Cog'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Fettuccini'	Phyllode undulation of margin	absent to very weak	strong to very strong

'Fettuccini'	Phyllode	length	medium	long
'Carvaceous'	Plant	attitude of branches	Semi-upright	spreading to weeping
'Green Mist'	Phyllode	length	long	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	'DW1'	'Bower of Beauty'	'Limelight'	'Mini Cog'	'River Cascade'
<input type="checkbox"/> Plant: type	shrub	shrub	shrub	shrub	shrub
<input type="checkbox"/> Plant: growth habit	bushy	bushy	bushy	bushy	bushy with spreading
<input type="checkbox"/> Plant: attitude of branches	semi-upright	semi-upright	semi-upright	semi-upright	semi-upright
<input type="checkbox"/> Plant: curvature of branches	downwards	downwards	downwards	downwards	strongly downwards
<input type="checkbox"/> Plant: density of branches	strong to very strong	strong to very strong	very strong	strong	weak to medium
<input type="checkbox"/> Plant: width	medium	medium	medium	medium	medium
<input type="checkbox"/> Internode: length	short to medium	short to medium	short	short to medium	medium to long
<input type="checkbox"/> Phyllode: shape	falcate	falcate	falcate	falcate	falcate
<input type="checkbox"/> Phyllode: colour of new growth (RHS colour chart)	yellow 144A	greenyellow 144C	greenyellow 144B-C	yellow 144A	greenyellow 143B
<input type="checkbox"/> Phyllode: colour of mature leaf (RHS colour chart)	green 137B	green 137A	green 137B	green N137A	green 137A
<input type="checkbox"/> Phyllode: variegation	absent	absent	absent	absent	absent

Organ/Plant Part: Context	'DW1'	'Bower of Beauty'	'Limelight'	'Mini Cog'	'River Cascade'
<input type="checkbox"/> Plant: curvature of branches at distal end	straight to arching	straight to arching	downwards	straight to arching	downwards
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	absent or very weak to weak	weak	absent or very weak to weak	weak to medium	strong
<input checked="" type="checkbox"/> Stem: number of branches	many	few to medium	very many	many	few to medium
<input checked="" type="checkbox"/> Stem: density of leaves or phyllodes	dense	medium to dense	very dense	medium to dense	sparse
<input type="checkbox"/> Phyllode: shape of apex	slightly acuminate	slightly acuminate	slightly acuminate	slightly acuminate	slightly acuminate

<input type="checkbox"/>	Phyllode: venation	medium	medium	medium	medium	medium
<input type="checkbox"/>	Phyllode: lateral veins	absent	absent	absent	absent	absent
<input type="checkbox"/>	Phyllode: anthocyanin colouration in tip	absent or very weak to weak	weak to medium	absent or very weak to weak	absent or very weak to weak	weak to medium

Statistical Table

Organ/Plant Part: Context	‘DW1’	‘Bower of Beauty’	‘Limelight’	‘Mini Cog’	‘River Cascade’
<input checked="" type="checkbox"/> Phyllode: length (mm)					
Mean	50.52	42.47	57.73	54.90	70.68
Std. Deviation	3.53	2.76	6.49	4.17	6.21
LSD/sig	5.85	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Phyllode: width (mm)					
Mean	2.18	2.70	1.52	2.58	2.42
Std. Deviation	0.24	0.18	0.16	0.27	0.44
LSD/sig	0.33	P≤0.01	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Nil.

Description: **Mark Lunghusen**, World Select Plants, Cranebourne, VIC.

Details of Application

Application Number	2009/333
Variety Name	'CIAT BR02/1718'
Genus Species	<i>Brachiaria ruziziensis</i> x <i>decumbens</i> x <i>brizantha</i>
Common Name	Brachiaria hybrid
Synonym	Nil
Accepted Date	21 Dec 2009
Applicant	Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia
Agent	Heritage Seeds Pty Ltd, Mulgrave, VIC
Qualified Person	Donald S. Loch

Details of Comparative Trial

Location	Ubon Ratchathani University farm, north-east Thailand (Latitude 15°11'N, longitude 104°53'E; elevation 130 masl)
Descriptor	Grass (General descriptor for grasses) PBR GRAS
Period	25 Apr – 20 Nov 2007
Conditions	Seed sown in plastic bags in the glasshouse (25 Apr 2007). Seedlings planted out as a spaced plants (0.5 m between plants within rows, 1.0 m between rows) on an acid infertile upland sandy low humic gley soil (Roi-et series) on 25-26 Jun 2007; plants cut back to 5 cm height on 25 Jul 2007 and allowed to re-grow. Urea fertiliser applied on 25 Jul, 28 Aug and 5 Oct 2007 (each at 46 kg N per hectare); superphosphate, muriate of potash and gypsum applied on 28 Aug 2007 to give 9 kg P, 50 kg K, and 30 kg S per hectare. Weeds controlled by manual roguing; supplementary irrigation applied as required to maintain unstressed growth.
Trial Design	Seedlings were planted in 4 m x 5m plots (0.5 m apart within rows, 1.0 m between rows), with five (5) cultivars (‘Mulato II’, ‘CIAT BR02/0465’, ‘CIAT BR02/1718’, ‘CIAT BR02/1752’, ‘CIAT BR02/1794’) arranged in four randomised blocks.
Measurements	During anthesis, 15 flowering culms and 15 vegetative culms were taken from each plot for comparative measurements: 26 Sep (‘CIAT BR02/1794’), 24 Oct (‘CIAT BR02/1718’), 8 Nov (‘CIAT BR02/0465’), 16 Nov (‘CIAT BR02/1752’), 20 Nov (‘Mulato II’).
Photographs	Location, Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 50 masl); spaced plants planted 22 Dec 2010; photographed 6 Mar 2011 (plant habit), 10 Mar 2011 (leaf shape), 25 Mar 2011 (inflorescences).
RHS Chart - edition	2001

Origin and Breeding

Apomictic clone BR02/1718 resulted from crossing a sexual clone, identified as SX00NO/1145, selected from the fourth cycle (C4) of a synthetic, tetraploid, sexually reproducing, breeding population, with the apomictic *B. brizantha* germplasm

accession CIAT 16320. The synthetic sexual breeding population contains germplasm from three *Brachiaria* species (*B. ruziziensis*, *B. brizantha*, and *B. decumbens*). It is allogamous and heterogeneous. The tetraploid sexual breeding population was synthesized in 1993, by open pollination of twenty-nine fully sexual clones selected from hybrid populations obtained from crosses between nine selected apomictic pollen parents of *B. decumbens* and *B. brizantha*, and an artificially tetraploidized *B. ruziziensis* germplasm, deriving from material originally produced at the Catholic University of Louvain (Belgium) (Swenne et al., 1981) and donated to the Centro Internacional de Agricultura Tropical (CIAT) by Dr Cacilda do Valle (Embrapa Beef Cattle) in 1988 (Miles and Escandón, 1997). Cycle-4 of this population was the result of three cycles of intra-population selection and recombination. Selection was based on general agronomic merit, as assessed visually, in space-planted field trials conducted in Colombia, and on resistance to spittlebugs (*Homoptera: Cercopidae*) as assessed in greenhouse screenings with artificial infestation. The pollen parent of BR02/0465 was *B. brizantha* CIAT 16320, a germplasm accessions from the collection maintained at CIAT. *B. brizantha* CIAT 16320 has never been released as a commercial cultivar. The clone BR02/0465 was selected from a bi-parental hybrid population, which was formed by exposing plants of the sexual (maternal) clone, SX00NO/1145, to pollen of CIAT 16320 in an isolated field crossing block in 2001. BR02/0465 was first evaluated and selected in a field trial in 2002. Its breeding behavior (apomixis) was confirmed by field progeny testing at CIAT headquarters in 2003. Breeder: Dr John W. Miles.

References

- Miles, J.W. and M.L. Escandón. 1997. Further evidence on the inheritance of reproductive mode in *Brachiaria*. *Can. J. Plant Sci.* 77:105-107.
- Swenne, A., B.-P. Louant, and M. Dujardin. 1981. Induction par la colchicine de formes autotétraploïdes chez *Brachiaria ruziziensis* Germain et Evrard (Graminée). *Agron. Trop.* 36:134-141.

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
Genome	species composition	<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'CIAT BR02/1752'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/1794'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'Mulato II'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/0465'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)

Varieties of Common Knowledge identified and subsequently excluded

Variety Distinguishing Characteristics	Context	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Mulato' Genome	species composition	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)	Two-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. brizantha</i>)	Pioneering <i>Brachiaria</i> hybrid since superseded by 'Mulato II' with

brizantha)higher seed set
resulting in higher
seed yields.**Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.**

Organ/Plant Part: Context	‘CIAT BR02/1718’	‘CIAT BR02/0465’	‘CIAT BR02/1752’	‘CIAT BR02/1794’	‘Mulato II’
<input type="checkbox"/> Plant: ploidy	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: life-cycle	perennial	perennial	perennial	perennial	perennial
<input type="checkbox"/> Plant: duration of life-cycle (perennials only)	long	long	long	long	long
<input checked="" type="checkbox"/> Plant: growth habit	tufted	tufted	tufted	tufted	decumbent
<input type="checkbox"/> Plant: stolons	absent	absent	absent	absent	absent
<input type="checkbox"/> Plant: rhizomes	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Culm: length	medium	medium to long	long	short	long
<input checked="" type="checkbox"/> Culm: width	medium	broad	medium to broad	narrow	broad
<input checked="" type="checkbox"/> Culm: number of internodes	few to medium	few	few to medium	few to medium	many
<input type="checkbox"/> Culm: leaf colour (RHS colour chart)	137A	137B	137A	137B	137B
<input checked="" type="checkbox"/> Culm: leaf blade surface	papillose	papillose	scaberulous	papillose	scaberulous
<input type="checkbox"/> Culm: leaf blade vernation	convolute	convolute	convolute	convolute	convolute
<input type="checkbox"/> Culm: blade margin	scaberulous	scaberulous	scaberulous	scaberulous	scaberulous
<input type="checkbox"/> Culm: leaf sheath auricle	absent	absent	absent	absent	absent
<input type="checkbox"/> Culm: ligule	present	present	present	present	present
<input type="checkbox"/> Culm: ligule structure	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)
<input checked="" type="checkbox"/> Collar: colour	lighter than leaf sheath	same as leaf sheath	lighter than leaf sheath	lighter than leaf sheath	lighter than leaf sheath
<input checked="" type="checkbox"/> Collar: hairiness	absent	present	present	absent	absent
<input checked="" type="checkbox"/> Peduncle: length	medium	medium	short	medium	short

<input type="checkbox"/>	Peduncle: width	medium to broad	medium to broad	medium to broad	medium	broad
<input checked="" type="checkbox"/>	Culm: flag leaf length	medium	very short to short	very short	very long	very short
<input checked="" type="checkbox"/>	Culm: flag leaf width	very broad	narrow to medium	narrow	very broad	narrow
<input type="checkbox"/>	Culm: flag leaf shape	lanceolate	lanceolate	lanceolate	lanceolate	lanceolate
<input checked="" type="checkbox"/>	Culm: flag leaf sheath length	medium	long	long	short to medium	medium
<input type="checkbox"/>	Plant: sex expression	hermaphrodite	hermaphrodite	hermaphrodite	hermaphrodite	hermaphrodite
<input type="checkbox"/>	Inflorescence: type	panicle	panicle	panicle	panicle	panicle
<input type="checkbox"/>	Inflorescence: disposition of racemes	borne on a central axis	borne on a central axis	borne on a central axis	borne on a central axis	borne on a central axis
<input type="checkbox"/>	Inflorescence: number of racemes	medium	medium	medium	medium	medium
<input type="checkbox"/>	Inflorescence: male sterility	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Inflorescence: average number of spikes	more than four	more than four	four	four	more than four
<input checked="" type="checkbox"/>	Stigma: colour	purple	purple	purple	purple	white
<input type="checkbox"/>	Awns: presence	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Culm: leaf sheath length	medium to long	long	medium to long	medium to long	short
<input type="checkbox"/>	Culm: pubescence of leaf sheath	present	present	present	present	present
<input type="checkbox"/>	Culm: extent of pubescence on leaf sheath	strong	strong	strong	strong	strong
<input type="checkbox"/>	Culm: distribution of pubescence on leaf sheath	full	full	full	full	full
<input checked="" type="checkbox"/>	Culm: leaf blade length	long	medium	very short	long	short
<input checked="" type="checkbox"/>	Culm: leaf blade width	broad	medium	medium	broad	narrow
<input type="checkbox"/>	Culm: leaf shape	lanceolate	lanceolate	lanceolate	lanceolate	lanceolate
<input type="checkbox"/>	Culm: leaf blade	absent	absent	absent	absent	absent

glaucosity						
<input type="checkbox"/>	Culm: shape of leaf apex	narrow acute	narrow acute	narrow acute	narrow acute	narrow acute
<input type="checkbox"/>	Culm: leaf blade pubescence	present	present	present	present	present
<input checked="" type="checkbox"/>	Culm: extent of pubescence on leaf blade	medium	medium	medium	medium	strong
<input type="checkbox"/>	Culm: distribution of leaf blade pubescence	both sides	both sides	both sides	both sides	both sides
<input type="checkbox"/>	Culm: node pubescence	absent	absent	absent	absent	absent
<input type="checkbox"/>	Culm: stem pubescence	present	present	present	present	present
<input checked="" type="checkbox"/>	Culm: extent of pubescence of stem	strong	strong	strong	medium	weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘CIAT BR02/1718’	‘CIAT BR02/0465’	‘CIAT BR02/1752’	‘CIAT BR02/1794’	‘Mulato II’
<input type="checkbox"/> Inflorescence: arrangement of spikelets on raceme (no. of rows)	2	1 row on lower half and 2 rows on upper half	2	2	2

Statistical Table

Organ/Plant Part: Context	‘CIAT BR02/1718’	‘CIAT BR02/0465’	‘CIAT BR02/1752’	‘CIAT BR02/1794’	‘Mulato II’
<input type="checkbox"/> Culm: length of flowering culm (cm)					
Mean	123.22	134.11	139.56	106.20	139.87
Std. Deviation	22.31	21.77	13.07	16.51	20.45
LSD/sig	19.69	ns	ns	ns	ns
<input checked="" type="checkbox"/> Culm: length of peduncle on flowering culms (cm)					
Mean	31.41	31.43	26.83	31.28	28.00
Std. Deviation	4.73	4.32	2.86	4.64	3.30
LSD/sig	3.72	ns	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Culm: length of flag leaf on flowering culm (mm)					
Mean	95.60	39.73	25.42	154.33	21.98
Std. Deviation	58.23	21.41	6.04	53.97	4.66
LSD/sig	22.57	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Culm: width of flag leaf on flowering culm (mm)					
Mean	9.28	4.05	3.40	9.28	2.95
Std. Deviation	3.71	2.00	0.96	3.62	0.77

LSD/sig	1.42	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: length:width ratio of flag leaf on flowering culm					
Mean	9.70	10.08	7.75	17.34	7.73
Std. Deviation	2.72	2.75	1.73	3.97	1.69
LSD/sig	2.85	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Culm: length of second leaf below flag leaf on flowering culm (mm)					
Mean	188.85	107.92	69.60	228.87	60.67
Std. Deviation	81.24	52.96	19.76	43.48	18.15
LSD/sig	33.98	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Culm: width of second leaf below flag leaf on flowering culm (mm)					
Mean	15.83	9.80	9.58	15.52	7.15
Std. Deviation	3.11	2.89	1.99	2.15	1.96
LSD/sig	1.77	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: length:width ratio of second leaf below flag leaf on flowering culm					
Mean	11.49	10.60	7.28	14.86	8.61
Std. Deviation	3.29	2.50	1.51	2.63	1.72
LSD/sig	1.97	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Culm: length of first internode below peduncle on flowering culms (cm)					
Mean	17.24	21.15	16.42	16.33	21.25
Std. Deviation	4.02	3.09	2.16	2.07	2.37
LSD/sig	3.04	P≤0.01	ns	ns	P≤0.01
<input type="checkbox"/> Culm: diameter of first internode below peduncle on flowering culms (mm)					
Mean	3.20	3.32	2.90	2.93	3.20
Std. Deviation	0.54	0.54	0.36	0.44	0.32
LSD/sig	0.38	ns	ns	ns	ns
<input checked="" type="checkbox"/> Culm: length of second internode below peduncle on flowering culms (cm)					
Mean	11.44	13.64	10.88	12.38	15.97
Std. Deviation	2.59	2.19	1.85	1.82	1.89
LSD/sig	2.48	ns	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Culm: diameter of second internode below peduncle on flowering culms (cm)					
Mean	3.71	4.10	3.87	3.15	4.17
Std. Deviation	0.47	0.62	0.54	0.42	0.45
LSD/sig	0.43	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Inflorescence: number of racemes per inflorescence					
Mean	5.85	5.23	3.97	3.98	5.32
Std. Deviation	1.42	1.27	0.82	0.81	0.65
LSD/sig	0.76	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Inflorescence: length of inflorescence axis from basal raceme to apical raceme (cm)					
Mean	18.52	17.03	13.51	21.56	15.18
Std. Deviation	2.64	2.51	1.51	3.09	1.84
LSD/sig	2.00	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length of apical raceme (cm)					
Mean	6.96	7.84	6.32	9.39	6.64
Std. Deviation	1.53	1.61	0.57	1.05	0.74
LSD/sig	0.99	ns	ns	P≤0.01	ns

<input checked="" type="checkbox"/>	Inflorescence: number of spikelets in central 1 cm of apical raceme					
Mean	7.10	5.10	6.17	6.28	6.07	
Std. Deviation	0.77	0.88	1.04	0.80	0.80	
LSD/sig	0.73	P≤0.01	P≤0.01	P≤0.01	P≤0.01	
<input checked="" type="checkbox"/>	Inflorescence: length of central raceme(s) (cm)					
Mean	7.08	7.48	6.30	8.60	7.11	
Std. Deviation	1.11	1.36	0.72	0.92	0.77	
LSD/sig	0.94	ns	ns	P≤0.01	ns	
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets in central 1 cm of central raceme(s)					
Mean	7.32	5.10	5.88	7.45	6.48	
Std. Deviation	0.75	0.77	1.06	0.75	1.02	
LSD/sig	0.52	P≤0.01	P≤0.01	ns	P≤0.01	
<input checked="" type="checkbox"/>	Inflorescence: length of basal raceme (cm)					
Mean	8.51	7.69	6.62	9.33	7.38	
Std. Deviation	1.35	1.70	0.95	1.05	0.83	
LSD/sig	0.97	ns	P≤0.01	P≤0.01	P≤0.01	
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets in central 1 cm of basal raceme					
Mean	7.25	4.82	5.42	7.42	6.68	
Std. Deviation	0.88	0.79	0.79	0.85	0.91	
LSD/sig	0.53	P≤0.01	P≤0.01	ns	P≤0.01	
<input type="checkbox"/>	Spikelet: length of central spikelet on central raceme (mm)					
Mean	5.07	5.34	5.41	5.07	5.07	
Std. Deviation	0.37	0.33	0.27	0.43	0.31	
LSD/sig	0.35	ns	ns	ns	ns	
<input type="checkbox"/>	Spikelet: width of central spikelet on central raceme (mm)					
Mean	2.10	2.11	2.26	2.24	2.11	
Std. Deviation	0.31	0.28	0.13	0.25	0.15	
LSD/sig	0.23	ns	ns	ns	ns	
<input checked="" type="checkbox"/>	Spikelet: length of glume on central spikelet on central raceme (mm)					
Mean	2.93	2.87	2.83	2.68	2.39	
Std. Deviation	0.29	0.32	0.25	0.34	0.24	
LSD/sig	0.34	ns	ns	ns	P≤0.01	

Prior Applications and Sales

Nil.

Description: **Donald S. Loch** (Alexandra Hills, QLD), **Michael D. Hare** (Ubon Ratchathani, THAILAND) and **John W. Miles** (CIAT, Cali, COLOMBIA)

Details of Application

Application Number	2009/332
Variety Name	'CIAT BR02/1752'
Genus Species	<i>Brachiaria ruziziensis</i> x <i>decumbens</i> x <i>brizantha</i>
Common Name	Brachiaria hybrid
Synonym	Nil
Accepted Date	21 Dec 2009
Applicant	Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia
Agent	Heritage Seeds Pty Ltd, Mulgrave, VIC
Qualified Person	Donald S. Loch

Details of Comparative Trial

Location	Ubon Ratchathani University farm, north-east Thailand (Latitude 15°11'N, longitude 104°53'E; elevation 130 masl)
Descriptor	Grass (General descriptor for grasses) PBR GRAS
Period	25 Apr – 20 Nov 2007
Conditions	Seed sown in plastic bags in the glasshouse (25 Apr 2007). Seedlings planted out as a spaced plants (0.5 m between plants within rows, 1.0 m between rows) on an acid infertile upland sandy low humic gley soil (Roi-et series) on 25-26 Jun 2007; plants cut back to 5 cm height on 25 Jul 2007 and allowed to re-grow. Urea fertiliser applied on 25 Jul, 28 Aug and 5 Oct 2007 (each at 46 kg N per hectare); superphosphate, muriate of potash and gypsum applied on 28 Aug 2007 to give 9 kg P, 50 kg K, and 30 kg S per hectare. Weeds controlled by manual roguing; supplementary irrigation applied as required to maintain unstressed growth.
Trial Design	Seedlings were planted in 4 m x 5m plots (0.5 m apart within rows, 1.0 m between rows), with five (5) cultivars ('Mulato II', 'CIAT BR02/0465', 'CIAT BR02/1718', 'CIAT BR02/1752', 'CIAT BR02/1794') arranged in four (4) randomised blocks.
Measurements	During anthesis, 15 flowering culms and 15 vegetative culms were taken from each plot for comparative measurements: 26 Sep ('CIAT BR02/1794'), 24 Oct ('CIAT BR02/1718'), 8 Nov ('CIAT BR02/0465'), 16 Nov ('CIAT BR02/1752'), 20 Nov ('Mulato II').
Photographs	Location, Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 50 masl); spaced plants planted 22 Dec 2010; photographed 6 Mar 2011 (plant habit), 10 Mar 2011 (leaf shape), 25 Mar 2011 (inflorescences).
RHS Chart - edition	2001

Origin and Breeding

Apomictic clone BR02/1752 resulted from crossing a sexual clone, identified as SX00NO/1145, selected from the fourth cycle (C4) of a synthetic, tetraploid, sexually reproducing, breeding population, with the apomictic *B. brizantha* germplasm accession CIAT 16320. The synthetic sexual breeding population contains germplasm from three *Brachiaria* species (*B. ruziziensis*, *B. brizantha*, and *B. decumbens*). It is al-

logamous and heterogeneous. The tetraploid sexual breeding population was synthesized in 1993, by open pollination of twenty-nine fully sexual clones selected from hybrid populations obtained from crosses between nine selected apomictic pollen parents of *B. decumbens* and *B. brizantha*, and an artificially tetraploidised *B. ruziziensis* germplasm, deriving from material originally produced at the Catholic University of Louvain (Belgium) (Swenne et al., 1981) and donated to the Centro Internacional de Agricultura Tropical (CIAT) by Dr Cacilda do Valle (Embrapa Beef Cattle) in 1988 (Miles and Escandón, 1997). Cycle-4 of this population was the result of three cycles of intra-population selection and recombination. Selection was based on general agronomic merit, as assessed visually, in space-planted field trials conducted in Colombia, and on resistance to spittlebugs (*Homoptera: Cercopidae*) as assessed in greenhouse screenings with artificial infestation. The pollen parent of BR02/1752 was *B. brizantha* CIAT 16320, a germplasm accessions from the collection maintained at CIAT. *B. brizantha* CIAT 16320 has never been released as a commercial cultivar. The clone BR02/1752 was selected from a bi-parental hybrid population, which was formed by exposing plants of the sexual (maternal) clone, SX00NO/1145, to pollen of CIAT 16320 in an isolated field crossing block in 2001. BR02/1752 was first evaluated and selected in a field trial in 2002. Its breeding behavior (apomixis) was confirmed by field progeny testing at CIAT headquarters in 2003. Breeder: Dr John W. Miles.

References

- Miles, J.W. and M.L. Escandón. 1997. Further evidence on the inheritance of reproductive mode in *Brachiaria*. *Can. J. Plant Sci.* 77:105-107.
- Swenne, A., B.-P. Louant, and M. Dujardin. 1981. Induction par la colchicine de formes autotétraploïdes chez *Brachiaria ruziziensis* Germain et Evrard (Graminée). *Agron. Trop.* 36:134-141.

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
Genome	species composition	<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Mulato II'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/0465'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/1718'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/1794'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distin- guishing Charac- teristics	Context	State of Expression in Candidate Vari- ety	State of Expression in Comparator Variety	Comments
'Mulato'	Genome	species composition	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. de- cumbens</i> x <i>B. bri- zantha</i>)	Two-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. bri- zantha</i>)	Pioneering <i>Brachiaria</i> hy- brid since superseded by 'Mulato II' with higher seed set resulting in higher seed yields.

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

Organ/Plant Part: Con- text	‘CIAT BR02/1752’	‘CIAT BR02/0465’	‘CIAT BR02/1718’	‘CIAT BR02/1794’	‘Mulato II’
<input type="checkbox"/> Plant: ploidy	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: life-cycle	perennial	perennial	perennial	perennial	perennial
<input type="checkbox"/> Plant: duration of life-cycle (perennials only)	long	long	long	long	long
<input checked="" type="checkbox"/> Plant: growth habit	tufted	tufted	tufted	tufted	decumbent
<input type="checkbox"/> Plant: stolons	absent	absent	absent	absent	absent
<input type="checkbox"/> Plant: rhizomes	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Culm: length	long	medium to long	medium	short	long
<input checked="" type="checkbox"/> Culm: width	medium to broad	broad	medium	narrow	broad
<input checked="" type="checkbox"/> Culm: number of internodes	few to medium	few	few to medium	few to medium	many
<input type="checkbox"/> Culm: leaf colour (RHS colour chart)	137A	137B	137A	137B	137B
<input checked="" type="checkbox"/> Culm: leaf blade surface	scaberulous	papillose	papillose	papillose	scaberulous
<input type="checkbox"/> Culm: leaf blade venation	convolute	convolute	convolute	convolute	convolute
<input type="checkbox"/> Culm: blade margin	scaberulous	scaberulous	scaberulous	scaberulous	scaberulous
<input type="checkbox"/> Culm: leaf sheath auricle	absent	absent	absent	absent	absent
<input type="checkbox"/> Culm: ligule	present	present	present	present	present
<input type="checkbox"/> Culm: ligule structure	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)
<input checked="" type="checkbox"/> Collar: colour	lighter than leaf sheath	same as leaf sheath	lighter than leaf sheath	lighter than leaf sheath	lighter than leaf sheath
<input checked="" type="checkbox"/> Collar: hairiness	present	present	absent	absent	absent
<input type="checkbox"/> Peduncle: length	short	medium	medium	medium	short
<input checked="" type="checkbox"/> Peduncle: length	medium to broad	medium to broad	medium to broad	medium	broad
<input checked="" type="checkbox"/> Culm: flag leaf length	very short	very short to short	medium	very long	very short

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

leaf blade pubescence						
<input type="checkbox"/>	Culm: node pubescence	absent	absent	absent	absent	absent
<input type="checkbox"/>	Culm: stem pubescence	present	present	present	present	present
<input checked="" type="checkbox"/>	Culm: extent of pubescence of stem	strong	strong	strong	medium	weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Con-text	‘CIAT BR02/1752’	‘CIAT BR02/0465’	‘CIAT BR02/1718’	‘CIAT BR02/1794’	‘Mulato II’
<input type="checkbox"/>	Inflorescence: arrangement of spikelets on raceme (no. of rows)		1 row on lower half and 2 rows on upper half	2	2

Statistical Table

Organ/Plant Part: Con-text	‘CIAT BR02/1752’	‘CIAT BR02/0465’	‘CIAT BR02/1718’	‘CIAT BR02/1794’	‘Mulato II’
<input checked="" type="checkbox"/>	Culm: length of flowering culm (cm)				
Mean	139.56	134.11	123.22	106.20	139.87
Std. Deviation	13.07	21.77	22.31	16.51	20.45
LSD/sig	19.69	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/>	Culm: length of peduncle on flowering culms (cm)				
Mean	26.83	31.43	31.41	31.28	28.00
Std. Deviation	2.86	4.32	4.73	4.64	3.30
LSD/sig	3.72	P≤0.01	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/>	Culm: length of flag leaf on flowering culm (mm)				
Mean	25.42	39.73	95.60	154.33	21.98
Std. Deviation	6.04	21.41	58.23	53.97	4.66
LSD/sig	22.57	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/>	Culm: width of flag leaf on flowering culm (mm)				
Mean	3.40	4.05	9.28	9.28	2.95
Std. Deviation	0.96	2.00	3.71	3.62	0.77
LSD/sig	1.42	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/>	Culm: length:width ratio of flag leaf on flowering culm				
Mean	7.75	10.08	9.70	17.34	7.73
Std. Deviation	1.73	2.75	2.72	3.97	1.69
LSD/sig	2.85	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/>	Culm: length of second leaf below flag leaf on flowering culm (mm)				
Mean	69.60	107.92	188.85	228.87	60.67
Std. Deviation	19.76	52.96	81.24	43.48	18.15
LSD/sig	33.98	P≤0.01	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/>	Culm: width of second leaf below flag leaf on flowering culm (mm)				
Mean	9.58	9.80	15.83	15.52	7.15

Std. Deviation	1.99	2.89	3.11	2.15	1.96
LSD/sig	1.77	ns	P≤0.01	P≤0.01	ns
☑ Culm: length:width ratio of second leaf below flag leaf on flowering culm					
Mean	7.28	10.60	11.49	14.86	8.61
Std. Deviation	1.51	2.50	3.29	2.63	1.72
LSD/sig	1.97	P≤0.01	P≤0.01	P≤0.01	ns
☑ Culm: length of first internode below peduncle on flowering culms (cm)					
Mean	16.42	21.15	17.24	16.33	21.25
Std. Deviation	2.16	3.09	4.02	2.07	2.37
LSD/sig	3.04	P≤0.01	ns	ns	P≤0.01
☑ Culm: diameter of first internode below peduncle on flowering culms (mm)					
Mean	2.90	3.32	3.20	2.93	3.20
Std. Deviation	0.36	0.54	0.54	0.44	0.32
LSD/sig	0.38	P≤0.01	ns	ns	ns
☑ Culm: length of second internode below peduncle on flowering culms (cm)					
Mean	10.88	13.64	11.44	12.38	15.97
Std. Deviation	1.85	2.19	2.59	1.82	1.89
LSD/sig	2.48	P≤0.01	ns	ns	P≤0.01
☑ Culm: diameter of second internode below peduncle on flowering culms (cm)					
Mean	3.87	4.10	3.71	3.15	4.17
Std. Deviation	0.54	0.62	0.47	0.42	0.45
LSD/sig	0.43	ns	ns	P≤0.01	ns
☑ Inflorescence: number of racemes per inflorescence					
Mean	3.97	5.23	5.85	3.98	5.32
Std. Deviation	0.82	1.27	1.42	0.81	0.65
LSD/sig	0.76	P≤0.01	P≤0.01	ns	P≤0.01
☑ Inflorescence: length of inflorescence axis from basal raceme to apical raceme (cm)					
Mean	13.51	17.03	18.52	21.56	15.18
Std. Deviation	1.51	2.51	2.64	3.09	1.84
LSD/sig	2.00	P≤0.01	P≤0.01	P≤0.01	ns
☑ Inflorescence: length of apical raceme (cm)					
Mean	6.32	7.84	6.96	9.39	6.64
Std. Deviation	0.57	1.61	1.53	1.05	0.74
LSD/sig	0.99	P≤0.01	ns	P≤0.01	ns
☑ Inflorescence: number of spikelets in central 1 cm of apical raceme					
Mean	6.17	5.10	7.10	6.28	6.07
Std. Deviation	1.04	0.88	0.77	0.80	0.80
LSD/sig	0.73	P≤0.01	P≤0.01	ns	ns
☑ Inflorescence: length of central raceme(s) (cm)					
Mean	6.30	7.48	7.08	8.60	7.11
Std. Deviation	0.72	1.36	1.11	0.92	0.77
LSD/sig	0.94	P≤0.01	ns	P≤0.01	ns
☑ Inflorescence: number of spikelets in central 1 cm of central raceme(s)					
Mean	5.88	5.10	7.32	7.45	6.48
Std. Deviation	1.06	0.77	0.75	0.75	1.02

LSD/sig	0.52	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length of basal raceme (cm)					
Mean	6.62	7.69	8.51	9.33	7.38
Std. Deviation	0.95	1.70	1.35	1.05	0.83
LSD/sig	0.97	P≤0.01	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Inflorescence: number of spikelets in central 1 cm of basal raceme					
Mean	5.42	4.82	7.25	7.42	6.68
Std. Deviation	0.79	0.79	0.88	0.85	0.91
LSD/sig	0.53	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Spikelet: length of central spikelet on central raceme (mm)					
Mean	5.41	5.34	5.07	5.07	5.07
Std. Deviation	0.27	0.33	0.37	0.43	0.31
LSD/sig	0.35	ns	ns	ns	ns
<input type="checkbox"/> Spikelet: width of central spikelet on central raceme (mm)					
Mean	2.26	2.11	2.10	2.24	2.11
Std. Deviation	0.13	0.28	0.31	0.25	0.15
LSD/sig	0.23	ns	ns	ns	ns
<input type="checkbox"/> Spikelet: length of glume on central spikelet on central raceme (mm)					
Mean	2.83	2.87	2.93	2.68	2.39
Std. Deviation	0.25	0.32	0.29	0.34	0.24
LSD/sig	0.34	ns	ns	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Donald S. Loch** (Alexandra Hills, QLD), **Michael D. Hare** (Ubon Ratchathani, THAILAND) and **John W. Miles** (CIAT, Cali, COLOMBIA)

Details of Application

Application Number	2009/334
Variety Name	'CIAT BR02/1794'
Genus Species	<i>Brachiaria ruziziensis</i> x <i>decumbens</i> x <i>brizantha</i>
Common Name	Brachiaria hybrid
Synonym	Nil
Accepted Date	21 Dec 2009
Applicant	Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia
Agent	Heritage Seeds Pty Ltd, Mulgrave, VIC
Qualified Person	Donald S. Loch

Details of Comparative Trial

Location	Ubon Ratchathani University farm, north-east Thailand (Latitude 15°11'N, longitude 104°53'E; elevation 130 masl)
Descriptor	Grass (General descriptor for grasses) PBR GRAS
Period	25 Apr – 20 Nov 2007
Conditions	Seed sown in plastic bags in the glasshouse (25 Apr 2007). Seedlings planted out as a spaced plants (0.5 m between plants within rows, 1.0 m between rows) on an acid infertile upland sandy low humic gley soil (Roi-et series) on 25-26 Jun 2007; plants cut back to 5 cm height on 25 Jul 2007 and allowed to re-grow. Urea fertiliser applied on 25 Jul, 28 Aug and 5 Oct 2007 (each at 46 kg N per hectare); superphosphate, muriate of potash and gypsum applied on 28 Aug 2007 to give 9 kg P, 50 kg K, and 30 kg S per hectare. Weeds controlled by manual roguing; supplementary irrigation applied as required to maintain unstressed growth.
Trial Design	Seedlings were planted in 4 m x 5m plots (0.5 m apart within rows, 1.0 m between rows), with five (5) cultivars (‘Mulato II’, ‘CIAT BR02/0465’, ‘CIAT BR02/1718’, ‘CIAT BR02/1752’, ‘CIAT BR02/1794’) arranged in four (4) randomised blocks.
Measurements	During anthesis, 15 flowering culms and 15 vegetative culms were taken from each plot for comparative measurements: 26 Sep (‘CIAT BR02/1794’), 24 Oct (‘CIAT BR02/1718’), 8 Nov (‘CIAT BR02/0465’), 16 Nov (‘CIAT BR02/1752’), 20 Nov (‘Mulato II’).
Photographs	Location, Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 50 masl); spaced plants planted 22 Dec 2010; photographed 6 Mar 2011 (plant habit), 10 Mar 2011 (leaf shape), 25 Mar 2011 (inflorescences).
RHS Chart - edition	2001 edition

Origin and Breeding

Apomictic clone BR02/1794 resulted from crossing a sexual clone, identified as SX00NO/1145, selected from the fourth cycle (C4) of a synthetic, tetraploid, sexually reproducing, breeding population, with the apomictic *B. brizantha* germplasm

accession CIAT 16320. The synthetic sexual breeding population contains germplasm from three *Brachiaria* species (*B. ruziziensis*, *B. brizantha*, and *B. decumbens*). It is allogamous and heterogeneous. The tetraploid sexual breeding population was synthesized in 1993, by open pollination of twenty-nine fully sexual clones selected from hybrid populations obtained from crosses between nine selected apomictic pollen parents of *B. decumbens* and *B. brizantha*, and an artificially tetraploidised *B. ruziziensis* germplasm, deriving from material originally produced at the Catholic University of Louvain (Belgium) (Swenne et al., 1981) and donated to the Centro Internacional de Agricultura Tropical (CIAT) by Dr Cacilda do Valle (Embrapa Beef Cattle) in 1988 (Miles and Escandón, 1997). Cycle-4 of this population was the result of three cycles of intra-population selection and recombination. Selection was based on general agronomic merit, as assessed visually, in space-planted field trials conducted in Colombia, and on resistance to spittlebugs (*Homoptera: Cercopidae*) as assessed in greenhouse screenings with artificial infestation. The pollen parent of BR02/1794 was *B. brizantha* CIAT 16320, a germplasm accessions from the collection maintained at CIAT. *B. brizantha* CIAT 16320 has never been released as a commercial cultivar. The clone BR02/1794 was selected from a bi-parental hybrid population, which was formed by exposing plants of the sexual (maternal) clone, SX00NO/1145, to pollen of CIAT 16320 in an isolated field crossing block in 2001. BR02/1794 was first evaluated and selected in a field trial in 2002. Its breeding behavior (apomixis) was confirmed by field progeny testing at CIAT headquarters in 2003. Breeder: Dr John W. Miles.

References

- Miles, J.W. and M.L. Escandón. 1997. Further evidence on the inheritance of reproductive mode in *Brachiaria*. *Can. J. Plant Sci.* 77:105-107.
- Swenne, A., B.-P. Louant, and M. Dujardin. 1981. Induction par la colchicine de formes autotétraploïdes chez *Brachiaria ruziziensis* Germain et Evrard (Graminée). *Agron. Trop.* 36:134-141.

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
Genome	Species composition	<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Mulato II'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/0465'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/1718'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/1752'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)

Varieties of Common Knowledge identified and subsequently excluded

Variety Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
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'Mulato' Genome	species composition	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)	Two-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. brizantha</i>)	Pioneering <i>Brachiaria</i> hybrid since superseded by 'Mulato II' with higher seed set resulting in higher seed yields.
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Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'CIAT BR02/1794'	'CIAT BR02/0465'	'CIAT BR02/1718'	'CIAT BR02/1752'	'Mulato II'
<input type="checkbox"/> Plant: ploidy	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: life-cycle	perennial	perennial	perennial	perennial	perennial
<input type="checkbox"/> Plant: duration of life-cycle (perennials only)	long	long	long	long	long
<input checked="" type="checkbox"/> Plant: growth habit	tufted	tufted	tufted	tufted	decumbent
<input type="checkbox"/> Plant: stolons	absent	absent	absent	absent	absent
<input type="checkbox"/> Plant: rhizomes	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Culm: length	short	medium to long	medium	long	long
<input checked="" type="checkbox"/> Culm: width	narrow	broad	medium	medium to broad	broad
<input checked="" type="checkbox"/> Culm: number of internodes	few to medium	few	few to medium	few to medium	many
<input type="checkbox"/> Culm: leaf colour (RHS colour chart)	137B	137B	137A	137A	137B
<input checked="" type="checkbox"/> Culm: leaf blade surface	papillose	papillose	papillose	scaberulous	scaberulous
<input type="checkbox"/> Culm: leaf blade veneration	convolute	convolute	convolute	convolute	convolute
<input type="checkbox"/> Culm: blade margin	scaberulous	scaberulous	scaberulous	scaberulous	scaberulous
<input type="checkbox"/> Culm: leaf sheath auricle	absent	absent	absent	absent	absent
<input type="checkbox"/> Culm: ligule	present	present	present	present	present
<input type="checkbox"/> Culm: ligule structure	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)
<input checked="" type="checkbox"/> Collar: colour	lighter than leaf sheath	same as leaf sheath	lighter than leaf sheath	lighter than leaf sheath	lighter than leaf sheath

<input checked="" type="checkbox"/>	Collar: hairiness	absent	present	absent	present	absent
<input checked="" type="checkbox"/>	Peduncle: length	medium	medium	medium	short	short
<input checked="" type="checkbox"/>	Peduncle: width	medium	medium to broad	medium to broad	medium to broad	broad
<input checked="" type="checkbox"/>	Culm: flag leaf length	very long	very short to short	medium	very short	very short
<input checked="" type="checkbox"/>	Culm: flag leaf width	very broad	narrow to medium	very broad	narrow	narrow
<input type="checkbox"/>	Culm: flag leaf shape	lanceolate	lanceolate	lanceolate	lanceolate	lanceolate
<input checked="" type="checkbox"/>	Culm: flag leaf sheath length	short to medium	long	medium	long	medium
<input type="checkbox"/>	Plant: sex expression	hermaphrodite	hermaphrodite	hermaphrodite	hermaphrodite	hermaphrodite
<input type="checkbox"/>	Inflorescence: type	panicle	panicle	panicle	panicle	panicle
<input type="checkbox"/>	Inflorescence: disposition of racemes	borne on a central axis	borne on a central axis	borne on a central axis	borne on a central axis	borne on a central axis
<input type="checkbox"/>	Inflorescence: number of racemes	medium	medium	medium	medium	medium
<input type="checkbox"/>	Inflorescence: male sterility	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Inflorescence: average number of spikes	four	more than four	more than four	four	more than four
<input checked="" type="checkbox"/>	Stigma: colour	purple	purple	purple	purple	white
<input type="checkbox"/>	Awns: presence	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Culm: leaf sheath length	medium to long	long	medium to long	medium to long	short
<input type="checkbox"/>	Culm: pubescence of leaf sheath	present	present	present	present	present
<input type="checkbox"/>	Culm: extent of pubescence on leaf sheath	strong	strong	strong	strong	strong
<input type="checkbox"/>	Culm: distribution of pubescence on leaf sheath	full	full	full	full	full
<input checked="" type="checkbox"/>	Culm: leaf blade length	long	medium	long	very short	short
<input checked="" type="checkbox"/>	Culm: leaf blade width	broad	medium	broad	medium	narrow
<input type="checkbox"/>	Culm: leaf shape	lanceolate	lanceolate	lanceolate	lanceolate	lanceolate
<input type="checkbox"/>	Culm: leaf blade glaucosity	absent	absent	absent	absent	absent
<input type="checkbox"/>	Culm: shape of leaf apex	narrow acute	narrow acute	narrow acute	narrow acute	narrow acute

<input type="checkbox"/>	Culm: leaf blade pubescence	present	present	present	present	present
<input checked="" type="checkbox"/>	Culm: extent of pubescence on leaf blade	medium	medium	medium	medium	strong
<input type="checkbox"/>	Culm: distribution of leaf blade pubescence	both sides	both sides	both sides	both sides	both sides
<input type="checkbox"/>	Culm: node pubescence	absent	absent	absent	absent	absent
<input type="checkbox"/>	Culm: stem pubescence	present	present	present	present	present
<input checked="" type="checkbox"/>	Culm: extent of pubescence of stem	medium	strong	strong	strong	weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘CIAT BR02/1794’	‘CIAT BR02/0465’	‘CIAT BR02/1718’	‘CIAT BR02/1752’	‘Mulato II’
<input checked="" type="checkbox"/> Inflorescence: arrangement of spikelets on raceme (no. of rows)	2	1 row on lower half and 2 rows on upper half	2	2	2

Statistical Table

Organ/Plant Part: Context	‘CIAT BR02/1794’	‘CIAT BR02/0465’	‘CIAT BR02/1718’	‘CIAT BR02/1752’	‘Mulato II’
<input checked="" type="checkbox"/> Culm: length of flowering culm (cm)					
Mean	106.20	134.11	123.22	139.56	139.87
Std. Deviation	16.51	21.77	22.31	13.07	20.45
LSD/sig	19.69	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Culm: length of peduncle on flowering culms (cm)					
Mean	31.28	31.43	31.41	26.83	28.00
Std. Deviation	4.64	4.32	4.73	2.86	3.30
LSD/sig	3.72	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Culm: length of flag leaf on flowering culm (mm)					
Mean	154.33	39.73	95.60	25.42	21.98
Std. Deviation	53.97	21.41	58.23	6.04	4.66
LSD/sig	22.57	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Culm: width of flag leaf on flowering culm (mm)					
Mean	9.28	4.05	9.28	3.40	2.95
Std. Deviation	3.62	2.00	3.71	0.96	0.77
LSD/sig	1.42	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Culm: length:width ratio of flag leaf on flowering culm					
Mean	17.34	10.08	9.70	7.75	7.73
Std. Deviation	3.97	2.75	2.72	1.73	1.69
LSD/sig	2.85	P≤0.01	P≤0.01	P≤0.01	P≤0.01

☑	Culm: length of second leaf below flag leaf on flowering culm (mm)					
Mean	228.87	107.92	188.85	69.60	60.67	
Std. Deviation	43.48	52.96	81.24	19.76	18.15	
LSD/sig	33.98	P≤0.01	P≤0.01	P≤0.01	P≤0.01	
☑	Culm: width of second leaf below flag leaf on flowering culm (mm)					
Mean	15.52	9.80	15.83	9.58	7.15	
Std. Deviation	2.15	2.89	3.11	1.99	1.96	
LSD/sig	1.77	P≤0.01	ns	P≤0.01	P≤0.01	
☑	Culm: length:width ratio of second leaf below flag leaf on flowering culm					
Mean	14.86	10.60	11.49	7.28	8.61	
Std. Deviation	2.63	2.50	3.29	1.51	1.72	
LSD/sig	1.97	P≤0.01	P≤0.01	P≤0.01	P≤0.01	
☑	Culm: length of first internode below peduncle on flowering culms (cm)					
Mean	16.33	21.15	17.24	16.42	21.25	
Std. Deviation	2.07	3.09	4.02	2.16	2.37	
LSD/sig	3.04	P≤0.01	ns	ns	P≤0.01	
☑	Culm: diameter of first internode below peduncle on flowering culms (mm)					
Mean	2.93	3.32	3.20	2.90	3.20	
Std. Deviation	0.44	0.54	0.54	0.36	0.32	
LSD/sig	0.38	P≤0.01	ns	ns	ns	
☑	Culm: length of second internode below peduncle on flowering culms (cm)					
Mean	12.38	13.64	11.44	10.88	15.97	
Std. Deviation	1.82	2.19	2.59	1.85	1.89	
LSD/sig	2.48	ns	ns	ns	P≤0.01	
☑	Culm: diameter of second internode below peduncle on flowering culms (cm)					
Mean	3.15	4.10	3.71	3.87	4.17	
Std. Deviation	0.42	0.62	0.47	0.54	0.45	
LSD/sig	0.43	P≤0.01	P≤0.01	P≤0.01	P≤0.01	
☑	Inflorescence: number of racemes per inflorescence					
Mean	3.98	5.23	5.85	3.97	5.32	
Std. Deviation	0.81	1.27	1.42	0.82	0.65	
LSD/sig	0.76	P≤0.01	P≤0.01	ns	P≤0.01	
☑	Inflorescence: length of inflorescence axis from basal raceme to apical raceme (cm)					
Mean	21.56	17.03	18.52	13.51	15.18	
Std. Deviation	3.09	2.51	2.64	1.51	1.84	
LSD/sig	2.00	P≤0.01	P≤0.01	P≤0.01	P≤0.01	
☑	Inflorescence: length of apical raceme (cm)					
Mean	9.39	7.84	6.96	6.32	6.64	
Std. Deviation	1.05	1.61	1.53	0.57	0.74	
LSD/sig	0.99	P≤0.01	P≤0.01	P≤0.01	P≤0.01	
☑	Inflorescence: number of spikelets in central 1 cm of apical raceme					
Mean	6.28	5.10	7.10	6.17	6.07	
Std. Deviation	0.80	0.88	0.77	1.04	0.80	
LSD/sig	0.73	P≤0.01	P≤0.01	ns	ns	

<input checked="" type="checkbox"/>	Inflorescence: length of central raceme(s) (cm)					
	Mean	8.60	7.48	7.08	6.30	7.11
	Std. Deviation	0.92	1.36	1.11	0.72	0.77
	LSD/sig	0.94	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets in central 1 cm of central raceme(s)					
	Mean	7.45	5.10	7.32	5.88	6.48
	Std. Deviation	0.75	0.77	0.75	1.06	1.02
	LSD/sig	0.52	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: length of basal raceme (cm)					
	Mean	9.33	7.69	8.51	6.62	7.38
	Std. Deviation	1.05	1.70	1.35	0.95	0.83
	LSD/sig	0.97	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets in central 1 cm of basal raceme					
	Mean	7.42	4.82	7.25	5.42	6.68
	Std. Deviation	0.85	0.79	0.88	0.79	0.91
	LSD/sig	0.53	P≤0.01	ns	P≤0.01	P≤0.01
<input type="checkbox"/>	Spikelet: length of central spikelet on central raceme (mm)					
	Mean	5.07	5.34	5.07	5.41	5.07
	Std. Deviation	0.43	0.33	0.37	0.27	0.31
	LSD/sig	0.35	ns	ns	ns	ns
<input type="checkbox"/>	Spikelet: width of central spikelet on central raceme (mm)					
	Mean	2.24	2.11	2.10	2.26	2.11
	Std. Deviation	0.25	0.28	0.31	0.13	0.15
	LSD/sig	0.23	ns	ns	ns	ns
<input checked="" type="checkbox"/>	Spikelet: length of glume on central spikelet on central raceme (mm)					
	Mean	2.68	2.87	2.93	2.83	2.39
	Std. Deviation	0.34	0.32	0.29	0.25	0.24
	LSD/sig	0.34	ns	ns	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Donald S. Loch** (Alexandra Hills, QLD), **Michael D. Hare** (Ubon Ratchathani, THAILAND) and **John W. Miles** (CIAT, Cali, COLOMBIA)

Details of Application

Application Number	2009/331
Variety Name	'CIAT BR02/0465'
Genus Species	<i>Brachiaria ruziziensis</i> x <i>decumbens</i> x <i>brizantha</i>
Common Name	Brachiaria hybrid
Synonym	Nil
Accepted Date	21 Dec 2009
Applicant	Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia
Agent	Heritage Seeds Pty Ltd, Mulgrave, VIC
Qualified Person	Donald S. Loch

Details of Comparative Trial

Location	Ubon Ratchathani University farm, north-east Thailand (Latitude 15°11'N, longitude 104°53'E; elevation 130 masl)
Descriptor	Grass (General descriptor for grasses) PBR GRAS
Period	25 April – 20 Nov 2007
Conditions	Seed sown in plastic bags in the glasshouse (25 Apr 2007). Seedlings planted out as a spaced plants (0.5 m between plants within rows, 1.0 m between rows) on an acid infertile upland sandy low humic gley soil (Roi-et series) on 25-26 Jun 2007; plants cut back to 5 cm height on 25 Jul 2007 and allowed to re-grow. Urea fertiliser applied on 25 Jul, 28 Aug and 5 Oct 2007 (each at 46 kg N per hectare); superphosphate, muriate of potash and gypsum applied on 28 Aug 2007 to give 9 kg P, 50 kg K, and 30 kg S per hectare. Weeds controlled by manual roguing; supplementary irrigation applied as required to maintain unstressed growth.
Trial Design	Seedlings were planted in 4 m x 5m plots (0.5 m apart within rows, 1.0 m between rows), with five (5) cultivars (‘Mulato II’, ‘CIAT BR02/0465’, ‘CIAT BR02/1718’, ‘CIAT BR02/1752’, ‘CIAT BR02/1794’) arranged in four (4) randomised blocks.
Measurements	During anthesis, 15 flowering culms and 15 vegetative culms were taken from each plot for comparative measurements: 26 Sep (‘CIAT BR02/1794’), 24 Oct (‘CIAT BR02/1718’), 8 Nov (‘CIAT BR02/0465’), 16 Nov (‘CIAT BR02/1752’), 20 Nov (‘Mulato II’).
Photographs	Location, Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 50 masl); spaced plants planted 22 Dec 2010; photographed 6 Mar 2011 (plant habit), 10 Mar 2011 (leaf shape), 25 Mar 2011 (inflorescences).
RHS Chart - edition	2001

Origin and Breeding

Apomictic clone BR02/0465 resulted from crossing a sexual clone, identified as SX00NO/1145, selected from the fourth cycle (C4) of a synthetic, tetraploid, sexually reproducing, breeding population, with the apomictic *B. brizantha* germplasm

accession CIAT 16316. The synthetic sexual breeding population contains germplasm from three *Brachiaria* species (*B. ruziziensis*, *B. brizantha*, and *B. decumbens*), and is allogamous and heterogeneous. The tetraploid sexual breeding population was synthesized in 1993, by open pollination of twenty-nine fully sexual clones selected from hybrid populations obtained from crosses between nine selected apomictic pollen parents of *B. decumbens* and *B. brizantha*, and an artificially tetraploidised *B. ruziziensis* germplasm, deriving from material originally produced at the Catholic University of Louvain (Belgium) (Swenne et al., 1981) and donated to the Centro Internacional de Agricultura Tropical (CIAT) by Dr Cacilda do Valle (Embrapa Beef Cattle) in 1988 (Miles and Escandón, 1997). Cycle-4 of this population was the result of three cycles of intra-population selection and recombination. Selection was based on general agronomic merit, as assessed visually, in space-planted field trials conducted in Colombia, and on resistance to spittlebugs (*Homoptera: Cercopidae*) as assessed in greenhouse screenings with artificial infestation. The pollen parent of BR02/0465 was *B. brizantha* CIAT 16316, a germplasm accessions from the collection maintained at CIAT. *B. brizantha* CIAT 16316 has never been released as a commercial cultivar. The clone BR02/0465 was selected from a bi-parental hybrid population, which was formed by exposing plants of the sexual (maternal) clone, SX00NO/1145, to pollen of CIAT 16316 in an isolated field crossing block in 2001. BR02/0465 was first evaluated and selected in a field trial in 2002. Its breeding behaviour (apomixis) was confirmed by field progeny testing at CIAT headquarters in 2003. Breeder: Dr John W. Miles.

References

- Miles, J.W. and M.L. Escandón. 1997. Further evidence on the inheritance of reproductive mode in *Brachiaria*. *Can. J. Plant Sci.* 77:105-107.
- Swenne, A., B.-P. Louant, and M. Dujardin. 1981. Induction par la colchicine de formes autotétraploïdes chez *Brachiaria ruziziensis* Germain et Evrard (Graminée). *Agron. Trop.* 36:134-141.

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
Genome	species composition	<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Mulato II'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/1718'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/1752'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)
'CIAT BR02/1794'	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)

Varieties of Common Knowledge identified and subsequently excluded

Variety Distinguishing Characteristics	Context	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
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'Mulato' Genome	species composition	Three-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. decumbens</i> x <i>B. brizantha</i>)	Two-way hybrid (<i>Brachiaria ruziziensis</i> x <i>B. brizantha</i>)	Pioneering <i>Brachiaria</i> hybrid since superseded by 'Mulato II' with higher seed set resulting in higher seed yields.
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Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'CIAT BR02/0465'	'CIAT BR02/1794'	'CIAT BR02/1718'	'CIAT BR02/1752'	'Mulato II'
<input type="checkbox"/> Plant: ploidy	tetraploid	tetraploid	tetraploid	tetraploid	tetraploid
<input type="checkbox"/> Plant: life-cycle	perennial	perennial	perennial	perennial	perennial
<input type="checkbox"/> Plant: duration of life-cycle (perennials only)	long	long	long	long	long
<input checked="" type="checkbox"/> Plant: growth habit	tufted	tufted	tufted	tufted	decumbent
<input type="checkbox"/> Plant: stolons	absent	absent	absent	absent	absent
<input type="checkbox"/> Plant: rhizomes	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Culm: length	medium to long	short	medium	long	long
<input checked="" type="checkbox"/> Culm: width	broad	narrow	medium	medium to broad	broad
<input checked="" type="checkbox"/> Culm: number of internodes	few	few to medium	few to medium	few to medium	many
<input type="checkbox"/> Culm: leaf colour (RHS colour chart)	137B	137B	137A	137A	137B
<input checked="" type="checkbox"/> Culm: leaf blade surface	papillose	papillose	papillose	scaberulous	scaberulous
<input type="checkbox"/> Culm: leaf blade veneration	convolute	convolute	convolute	convolute	convolute
<input type="checkbox"/> Culm: blade margin	scaberulous	scaberulous	scaberulous	scaberulous	scaberulous
<input type="checkbox"/> Culm: leaf sheath auricle	absent	absent	absent	absent	absent
<input type="checkbox"/> Culm: ligule	present	present	present	present	present
<input type="checkbox"/> Culm: ligule structure	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)	ciliate membrane (apical hairs as long as, or longer than, membrane)
<input checked="" type="checkbox"/> Collar: colour	same as leaf sheath	lighter than leaf sheath	lighter than leaf sheath	lighter than leaf sheath	lighter than leaf sheath

<input checked="" type="checkbox"/>	Collar: hairiness	present	absent	absent	present	absent
<input checked="" type="checkbox"/>	Peduncle: length	medium	medium	medium	short	short
<input type="checkbox"/>	Peduncle: width	medium to broad	medium	medium to broad	medium to broad	broad
<input checked="" type="checkbox"/>	Culm: flag leaf length	very short to short	very long	medium	very short	very short
<input checked="" type="checkbox"/>	Culm: flag leaf width	narrow to medium	very broad	very broad	narrow	narrow
<input type="checkbox"/>	Culm: flag leaf shape	lanceolate	lanceolate	lanceolate	lanceolate	lanceolate
<input checked="" type="checkbox"/>	Culm: flag leaf sheath length	long	short to medium	medium	long	medium
<input type="checkbox"/>	Plant: sex expression	hermaphrodite	hermaphrodite	hermaphrodite	hermaphrodite	hermaphrodite
<input type="checkbox"/>	Inflorescence: type	panicle	panicle	panicle	panicle	panicle
<input type="checkbox"/>	Inflorescence: disposition of racemes	borne on a central axis	borne on a central axis	borne on a central axis	borne on a central axis	borne on a central axis
<input type="checkbox"/>	Inflorescence: number of racemes	medium	medium	medium	medium	medium
<input type="checkbox"/>	Inflorescence: male sterility	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Inflorescence: average number of spikes	more than four	four	more than four	four	more than four
<input checked="" type="checkbox"/>	Stigma: colour	purple	purple	purple	purple	white
<input type="checkbox"/>	Awns: presence	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Culm: leaf sheath length	long	medium to long	medium to long	medium to long	short
<input type="checkbox"/>	Culm: pubescence of leaf sheath	present	present	present	present	present
<input type="checkbox"/>	Culm: extent of pubescence on leaf sheath	strong	strong	strong	strong	strong
<input type="checkbox"/>	Culm: distribution of pubescence on leaf sheath	full	full	full	full	full
<input checked="" type="checkbox"/>	Culm: leaf blade length	medium	long	long	very short	short
<input checked="" type="checkbox"/>	Culm: leaf blade width	medium	broad	broad	medium	narrow
<input type="checkbox"/>	Culm: leaf shape	lanceolate	lanceolate	lanceolate	lanceolate	lanceolate
<input type="checkbox"/>	Culm: leaf blade glaucosity	absent	absent	absent	absent	absent
<input type="checkbox"/>	Culm: shape of leaf apex	narrow acute	narrow acute	narrow acute	narrow acute	narrow acute

<input type="checkbox"/>	Culm: leaf blade pubescence	present	present	present	present	present
<input checked="" type="checkbox"/>	Culm: extent of pubescence on leaf blade	medium	medium	medium	medium	strong
<input type="checkbox"/>	Culm: distribution of leaf blade pubescence	both sides	both sides	both sides	both sides	both sides
<input type="checkbox"/>	Culm: node pubescence	absent	absent	absent	absent	absent
<input type="checkbox"/>	Culm: stem pubescence	present	present	present	present	present
<input checked="" type="checkbox"/>	Culm: extent of pubescence of stem	strong	medium	strong	strong	weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘CIAT BR02/0465’	‘CIAT BR02/1794’	‘CIAT BR02/1718’	‘CIAT BR02/1752’	‘Mulato II’
<input type="checkbox"/> Inflorescence: arrangement of spikelets on raceme (no. of rows)	1 row on lower half and 2 rows on upper half	2	2	2	2

Statistical Table

Organ/Plant Part: Context	‘CIAT BR02/0465’	‘CIAT BR02/1794’	‘CIAT BR02/1718’	‘CIAT BR02/1752’	‘Mulato II’
<input checked="" type="checkbox"/> Culm: length of flowering culm (cm)					
Mean	134.11	106.20	123.22	139.56	139.87
Std. Deviation	21.77	16.51	22.31	13.07	20.45
LSD/sig	19.69	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Culm: length of peduncle on flowering culms (cm)					
Mean	31.43	31.28	31.41	26.83	28.00
Std. Deviation	4.32	4.64	4.73	2.86	3.30
LSD/sig	3.72	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Culm: length of flag leaf on flowering culm (mm)					
Mean	39.73	154.33	95.60	25.42	21.98
Std. Deviation	21.41	53.97	58.23	6.04	4.66
LSD/sig	22.57	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Culm: width of flag leaf on flowering culm (mm)					
Mean	4.05	9.28	9.28	3.40	2.95
Std. Deviation	2.00	3.62	3.71	0.96	0.77
LSD/sig	1.42	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Culm: length:width ratio of flag leaf on flowering culm					
Mean	10.08	17.34	9.70	7.75	7.73
Std. Deviation	2.75	3.97	2.72	1.73	1.69
LSD/sig	2.85	P≤0.01	ns	ns	ns

☑	Culm: length of second leaf below flag leaf on flowering culm (mm)					
Mean	107.92	228.87	188.85	69.60	60.67	
Std. Deviation	52.96	43.48	81.24	19.76	18.15	
LSD/sig	33.98	P≤0.01	P≤0.01	P≤0.01	P≤0.01	
☑	Culm: width of second leaf below flag leaf on flowering culm (mm)					
Mean	9.80	15.52	15.83	9.58	7.15	
Std. Deviation	2.89	2.15	3.11	1.99	1.96	
LSD/sig	1.77	P≤0.01	P≤0.01	ns	P≤0.01	
☑	Culm: length:width ratio of second leaf below flag leaf on flowering culm					
Mean	10.60	14.86	11.49	7.28	8.61	
Std. Deviation	2.50	2.63	3.29	1.51	1.72	
LSD/sig	1.97	P≤0.01	ns	P≤0.01	P≤0.01	
☑	Culm: length of first internode below peduncle on flowering culms (cm)					
Mean	21.15	16.33	17.24	16.42	21.25	
Std. Deviation	3.09	2.07	4.02	2.16	2.37	
LSD/sig	3.04	P≤0.01	P≤0.01	P≤0.01	ns	
☑	Culm: diameter of first internode below peduncle on flowering culms (mm)					
Mean	3.32	2.93	3.20	2.90	3.20	
Std. Deviation	0.54	0.44	0.54	0.36	0.32	
LSD/sig	0.38	P≤0.01	ns	P≤0.01	ns	
☑	Culm: length of second internode below peduncle on flowering culms (cm)					
Mean	13.64	12.38	11.44	10.88	15.97	
Std. Deviation	2.19	1.82	2.59	1.85	1.89	
LSD/sig	2.48	ns	ns	P≤0.01	ns	
☑	Culm: diameter of second internode below peduncle on flowering culms (mm)					
Mean	4.10	3.15	3.71	3.87	4.17	
Std. Deviation	0.62	0.42	0.47	0.54	0.45	
LSD/sig	0.43	P≤0.01	ns	ns	ns	
☑	Inflorescence: number of racemes per inflorescence					
Mean	5.23	3.98	5.85	3.97	5.32	
Std. Deviation	1.27	0.81	1.42	0.82	0.65	
LSD/sig	0.76	P≤0.01	ns	P≤0.01	ns	
☑	Inflorescence: length of inflorescence axis from basal raceme to apical raceme (cm)					
Mean	17.03	21.56	18.52	13.51	15.18	
Std. Deviation	2.51	3.09	2.64	1.51	1.84	
LSD/sig	2.00	P≤0.01	ns	P≤0.01	ns	
☑	Inflorescence: length of apical raceme (cm)					
Mean	7.84	9.39	6.96	6.32	6.64	
Std. Deviation	1.61	1.05	1.53	0.57	0.74	
LSD/sig	0.99	P≤0.01	ns	P≤0.01	P≤0.01	
☑	Inflorescence: number of spikelets in central 1 cm of apical raceme					
Mean	5.10	6.28	7.10	6.17	6.07	
Std. Deviation	0.88	0.80	0.77	1.04	0.80	
LSD/sig	0.73	P≤0.01	P≤0.01	P≤0.01	P≤0.01	

<input checked="" type="checkbox"/>	Inflorescence: length of central raceme(s) (cm)					
	Mean	7.48	8.60	7.08	6.30	7.11
	Std. Deviation	1.36	0.92	1.11	0.72	0.77
	LSD/sig	0.94	P≤0.01	ns	P≤0.01	ns
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets in central 1 cm of central raceme					
	Mean	5.10	7.45	7.32	5.88	6.48
	Std. Deviation	0.77	0.75	0.75	1.06	1.02
	LSD/sig	0.52	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Inflorescence: length of basal raceme (cm)					
	Mean	7.69	9.33	8.51	6.62	7.38
	Std. Deviation	1.70	1.05	1.35	0.95	0.83
	LSD/sig	0.97	P≤0.01	ns	P≤0.01	ns
<input checked="" type="checkbox"/>	Inflorescence: number of spikelets in central 1 cm of basal raceme					
	Mean	4.82	7.42	7.25	5.42	6.68
	Std. Deviation	0.79	0.85	0.88	0.79	0.91
	LSD/sig	0.53	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/>	Spikelet: length of central spikelet on central raceme (mm)					
	Mean	5.34	5.07	5.07	5.41	5.07
	Std. Deviation	0.33	0.43	0.37	0.27	0.31
	LSD/sig	0.35	ns	ns	ns	ns
<input type="checkbox"/>	Spikelet: width of central spikelet on central raceme (mm)					
	Mean	2.11	2.24	2.10	2.26	2.11
	Std. Deviation	0.28	0.25	0.31	0.13	0.15
	LSD/sig	0.23	ns	ns	ns	ns
<input checked="" type="checkbox"/>	Spikelet: length of glume on central spikelet on central raceme (mm)					
	Mean	2.87	2.68	2.93	2.83	2.39
	Std. Deviation	0.32	0.34	0.29	0.25	0.24
	LSD/sig	0.34	ns	ns	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Donald S. Loch** (Alexandra Hills, QLD), **Michael D. Hare** (Ubon Ratchathani, THAILAND) and **John W. Miles** (CIAT, Cali, COLOMBIA)

Details of Application

Application Number	2009/043
Variety Name	'Precilla'
Genus Species	<i>Schlumbergera truncata</i>
Common Name	Christmas Cactus
Synonym	Nil
Accepted Date	10 Apr 2009
Applicant	Tillington House Pty Ltd, Coffs harbour, NSW
Agent	N/A
Qualified Person	Tony Brindley

Details of Comparative Trial

Location	Loaders Lane, Coffs Harbour NSW 2450
Descriptor	Christmas Cactus (<i>Schlumbergera</i>) TG/101/3
Period	September 2009 – June 2010
Conditions	Plants raised in peat and bark mixture in 75mm pots under 75% shadecloth; watered as required; nutrition maintained with slow release fertiliser and regular liquid fertiliser applications through growing period; pest and disease treatments applied as required.
Trial Design	20 unreplicated plants grown in random in a commercial shadehouse.
Measurements	Measurements taken from 10 plants at random. One sample per pot.
RHS Chart - edition	1990

Origin and Breeding

Controlled pollination: The seedlings were raised from seeds resulting from cross pollination of ZH95H7 and ZH4962. The variety 'Precilla' was selected from the trial based on flower colour and shape as well as growth habit. Propagation: vegetative through several generations. Breeder B.L.Cobia, Winter Garden Florida, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	limb	flute
Stigma	colour	purple
Ovary	colour	green
Duration of	flowering	long

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rosebud'	'Rosebud' was previously selected for PBR and an application made in 2006. However, the breeder has selected 'Precilla' as a superior variety and withdrew the 'Rosebud' application. 'Rosebud' was released as a non PBR 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	‘Precilla’	‘Rosebud’
<input type="checkbox"/> Plant: growth habit	semi-upright to horizontal	upright to semi-upright
<input type="checkbox"/> *Plant: number of phylloclades of 3rd order	few to medium	few to medium
<input type="checkbox"/> *Phylloclade: length	short	short to medium
<input type="checkbox"/> *Phylloclade: maximum width	narrow to medium	narrow to medium
<input type="checkbox"/> Phylloclade: colour	medium green	medium green to dark green
<input type="checkbox"/> *Phylloclade: type of incision of margin	serrate	serrate
<input checked="" type="checkbox"/> *Phylloclade: depth of incisions of margin	deep	medium
<input type="checkbox"/> Phylloclade: curvature in cross section	medium	weak
<input type="checkbox"/> Phylloclade: undulation of margin	medium to strong	weak
<input checked="" type="checkbox"/> *Bud: colour of tip of 1.0 cm long bud	green	purple
<input type="checkbox"/> Bud: intensity of colour of top of 1.0 cm long bud	light	medium
<input type="checkbox"/> *Bud: shape of tip of 1.5 cm long bud	acute	acute
<input type="checkbox"/> *Flower: width	broad	medium to broad
<input type="checkbox"/> *Flower: length	long	medium to long
<input type="checkbox"/> Flower: limb	flat	flat
<input type="checkbox"/> *Corolla lobe: width	medium	medium
<input type="checkbox"/> *Corolla lobe: size of macule in relation to size of lobe	large	large
<input type="checkbox"/> *Corolla lobe: colour of macule (RHS colour chart)	63C	63D
<input checked="" type="checkbox"/> *Corolla lobe: middle zone	present	absent
<input type="checkbox"/> *Corolla lobe: colour of middle zone	pink	pink
<input type="checkbox"/> Corolla lobe: border between zones	diffuse	diffuse
<input type="checkbox"/> *Corolla lobe: size of marginal zone	large	large
<input checked="" type="checkbox"/> *Corolla lobe: colour of marginal zone (RHS colour chart)	67B	61C
<input type="checkbox"/> Corolla tube: shape of mouth	elliptic	elliptic
<input type="checkbox"/> Corolla tube: coloured ring at the mouth	present	present
<input type="checkbox"/> Corolla tube: width of coloured ring at the mouth	medium	medium
<input type="checkbox"/> Stamen: length beyond the mouth	medium	medium
<input type="checkbox"/> Stamen: colour of filament	white	white
<input type="checkbox"/> Pistil: length beyond the mouth	medium to long	medium
<input type="checkbox"/> Stigma: colour	purple	purple
<input type="checkbox"/> Ovary: colour	green	green

<input type="checkbox"/>	Time of: beginning of flowering	medium to late	medium
<input type="checkbox"/>	Duration of: flowering	long	long

Statistical Table

Organ/Plant Part: Context	'Precilla'	'Rosebud'
<input checked="" type="checkbox"/> Flower: width (mm)		
Mean	72.20	70.30
Std. Deviation	0.35	0.47
LSD/sig	0.59	P≤0.01
<input checked="" type="checkbox"/> Flower: length (ovary to top of petal) (mm)		
Mean	86.10	79.70
Std. Deviation	0.28	0.47
LSD/sig	0.48	P≤0.01
<input checked="" type="checkbox"/> Flower: length (ovary to top of stigma) (mm)		
Mean	88.70	85.70
Std. Deviation	0.13	0.41
LSD/sig	0.78	P≤0.01
<input checked="" type="checkbox"/> Tepal blade: width (mm)		
Mean	19.90	17.30
Std. Deviation	0.19	0.17
LSD/sig	0.22	P≤0.01
<input checked="" type="checkbox"/> Tepal blade: length (mm)		
Mean	34.30	33.30
Std. Deviation	0.16	0.28
LSD/sig	0.28	P≤0.01
<input checked="" type="checkbox"/> Pistal: length beyond mouth (mm)		
Mean	41.50	42.70
Std. Deviation	0.24	0.39
LSD/sig	0.40	P≤0.01
<input checked="" type="checkbox"/> Phyllocade: length (mm)		
Mean	42.10	42.90
Std. Deviation	0.61	0.38
LSD/sig	0.63	P≤0.01
<input checked="" type="checkbox"/> Phyllocade: width (mm)		
Mean	35.30	33.90
Std. Deviation	0.29	0.21
LSD/sig	0.31	P≤0.01

Prior Applications and Sales

Nil.

First sold in Australia in May 2008.

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

Details of Application

Application Number	2010/101
Variety Name	'WESNV1'
Genus Species	<i>Westringia</i> hybrid
Common Name	Coastal Rosemary
Synonym	Nil
Accepted Date	22 Jun 2010
Applicant	Robert Harrison
Agent	Touch of Class Plants P/L, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

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

Origin and Breeding

Spontaneous mutation: the candidate was selected from a mutation from a plant of *Westringia* 'Wynyabbie Gem' *nana* that showed variegated foliage. Cuttings were taken from this mutation and grown on to determine Distinctness, uniformity and stability.

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
Plant	growth habit	bushy

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Lilac and Lace'	Has similar cream variegation.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Smokey'	Leaf secondary 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	'WESNV1'	'Lilac and Lace'
<input type="checkbox"/> Plant: growth habit	bush	bush
<input type="checkbox"/> Plant: attitude of branches	semi-erect	semi-erect
<input type="checkbox"/> Plant: height	short	medium

<input type="checkbox"/>	Stem: hairiness	medium	medium
<input type="checkbox"/>	Stem: colour of hairs	whitish	whitish
<input type="checkbox"/>	Leaf: length	medium	medium
<input type="checkbox"/>	Leaf: width	narrow	narrow
<input type="checkbox"/>	Leaf: shape	linear	linear
<input type="checkbox"/>	Leaf: apex	acute	acute
<input type="checkbox"/>	Leaf: base	acute	acute
<input type="checkbox"/>	Leaf: arrangement	opposite	opposite
<input type="checkbox"/>	Leaf: upper side hairiness	medium	medium
<input type="checkbox"/>	Leaf: upper side hairiness colour	whitish	whitish
<input type="checkbox"/>	Leaf: upper side hairs type	simple	simple
<input type="checkbox"/>	Leaf: lower side hairiness	weak to medium	weak to medium
<input type="checkbox"/>	Leaf: lower side hairiness colour	whitish	whitish

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘WESNV1’	‘Lilac and Lace’
<input checked="" type="checkbox"/> Mature leaf: secondary colour	yellow-white 158A	yellow 10B
<input type="checkbox"/> Leaf: variegation	present	present
<input type="checkbox"/> Mature leaf: main colour (RHS)	green N137B	green N137A
<input type="checkbox"/> Immature leaf: main colour (RHS)	green 137A	green 137B
<input checked="" type="checkbox"/> Immature leaf: secondary colour	yellow-white 158A	yellow 10B

Statistical Table

Organ/Plant Part: Context	‘WESNV1’	‘Lilac and Lace’
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	16.10	27.20
Std. Deviation	2.13	6.19
LSD/sig	10.3	P≤0.01

Prior Applications and Sales

Nil.

Description: Mr Mark Langhusan, 1975 South Gippsland Highway, Cranbourne, VIC

Details of Application

Application Number	2007/321
Variety Name	'Knockout'
Genus Species	<i>Dahlia</i> hybrid
Common Name	Dahlia
Synonym	Mystic Sun
Accepted Date	21 Jan 2008
Applicant	Dr Keith Hammett, Auckland, NZ.
Agent	Greenhills Propagation Nursery P/L, Tynong, VIC.
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	NIAB, Cambridge, United Kingdom
Overseas Data Reference Number	DAH 0047
Location	Cambridge, United Kingdom
Descriptor	TG/226/1
Period	2007
Conditions	Comparisons of characteristics are based on CPVO trials done at NIAB, Cambridge, United Kingdom during 2008. Verification trial was done on plants grown in commercial pinebark based media grown in a covered polyhouse with overhead watering in Tynong, VIC in 2010.
Trial Design	10 plants in block design
Measurements	Taken from middle third of stem
RHS Chart - edition	Fifth edition

Origin and Breeding

Controlled pollination followed by seedling selection: breeding occurred in 2001 as part of an ongoing breeding program for Dahlias. The seed parent, a selection numbered 71157/01 (not commercial), was crossed with various other selections (unnamed breeding line) derived from the same breeding generation. A selection was made in 2002 on the basis of plant height intermediate, leaf colour bronze – black, flower type single, ray floret yellow, ray floret presence of central colour bar absent. This plant was propagated initially via cuttings and subsequently initiated into TC.

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	colour	purple
Flower head	type	single
Disc	type	daisy
Flower head	diameter	small to medium
Ray floret	number of colours of inner side	two

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Scarlet Fern'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
David	flower head type	single	double	
Howard				
Clarion	leaflet shape	elliptic	oval	
Clarion	disc colour before anther dehiscence	red brown	yellow	

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

Organ/Plant Part: Context	'Knockout'	'Scarlet Fern'
<input type="checkbox"/> Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Plant: height	short to medium	short to medium
<input type="checkbox"/> Stem: colour	purple	purple
<input type="checkbox"/> Leaf: type	predominantly pinnate	predominantly pinnate
<input type="checkbox"/> Leaf: wing	absent or weak	absent or weak
<input type="checkbox"/> *Leaf: length including petiole	long	medium to long
<input type="checkbox"/> *Leaf: width	medium to broad	medium
<input type="checkbox"/> *Leaf: length/width ratio	low to medium	medium
<input type="checkbox"/> *Leaf: colour	green tinged with purple	green tinged with purple
<input type="checkbox"/> Leaf: glossiness	medium	medium
<input type="checkbox"/> Leaf: texture of surface	weakly rugose	weakly rugose
<input type="checkbox"/> Leaf: veins	raised	raised
<input type="checkbox"/> Leaflet: shape	elliptic	elliptic
<input type="checkbox"/> Leaflet: shape of base	acute	acute
<input type="checkbox"/> Leaflet margin: number of incisions	few	few
<input checked="" type="checkbox"/> Leaflet margin: depth of incisions	medium	deep
<input checked="" type="checkbox"/> Peduncle: length	short to medium	medium to long
<input type="checkbox"/> Peduncle: colour	purple	purple
<input type="checkbox"/> *Flower heads: position in relation to foliage	moderately above foliage	moderately above foliage
<input type="checkbox"/> Flower head: attitude	semi upright	semi upright

<input type="checkbox"/>	*Flower head: type	single	single
<input type="checkbox"/>	*Flower head: disc type (single and semi double varieties only)	daisy	daisy
<input type="checkbox"/>	*Flower head: collar segments	absent	absent
<input type="checkbox"/>	*Flower head: diameter	small to medium	small to medium
<input type="checkbox"/>	*Flower head: number of ray florets (single, semi double and daisy-eyed double varieties only)	very few	very few
<input type="checkbox"/>	*Ray floret: length	medium to long	medium
<input type="checkbox"/>	*Ray floret: width	very broad	broad
<input type="checkbox"/>	*Ray floret: length/width ratio	low	low to medium
<input type="checkbox"/>	Ray floret: upper surface	ribbed	ribbed
<input checked="" type="checkbox"/>	*Ray floret: profile in cross section at mid point	weakly convex	weakly concave
<input type="checkbox"/>	Ray floret: rolling of margin	flat	flat
<input type="checkbox"/>	*Ray floret: longitudinal axis	reflexing	reflexing
<input type="checkbox"/>	Ray floret: part of axis curved	distal quarter	distal quarter
<input checked="" type="checkbox"/>	Ray floret: strength of curvature	medium	weak
<input type="checkbox"/>	Ray floret: twisting	absent or very weak	absent or very weak
<input type="checkbox"/>	*Ray floret: shape of apex	pointed	pointed
<input type="checkbox"/>	*Ray floret: number of colours of inner side	two	two
<input checked="" type="checkbox"/>	*Ray floret: main colour of inner side (RHS Colour Chart)	yellow 2A	slightly brighter than orange-red 34A
<input checked="" type="checkbox"/>	*Ray floret: second colour of inner side (RHS Colour Chart)	orange-red 34C	red 44A
<input type="checkbox"/>	*Ray floret: distribution of second colour of inner side	at base	basal quarter
<input type="checkbox"/>	*Ray floret: pattern of second colour of inner side	flushed	solid or nearly solid
<input type="checkbox"/>	*Ray floret: colour of the outer side compared to main colour of inner side	similar	similar
<input type="checkbox"/>	*Disc: diameter relative to flower head diameter (single and semi double varieties only)	small	small
<input type="checkbox"/>	*Disc: colour before anther dehiscence (single and semi double varieties which are daisy type only)	red brown	red brown
<input type="checkbox"/>	Disc: colour at anther dehiscence (single and semi double varieties which are daisy type only)	orange	orange

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2005	Granted	'Knockout'
EU	2006	Granted	'Knockout'
USA	2006	Granted	'Knockout'

First sold in NZ in September 2004 and in AU in January 2007.

Description: **Mark Lunghusen**, World Select Plants, Cranebourne, VIC.

Details of Application

Application Number	2007/037
Variety Name	'Scarlet Fern'
Genus Species	<i>Dahlia variabilis</i>
Common Name	Dahlia
Synonym	Mysticmars
Accepted Date	15 Dec 2008
Applicant	Dr Keith Hammett, Auckland, NZ.
Agent	Greenhills Propagation Nursery P/L, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	NIAB, Cambridge, United Kingdom
Overseas Data Reference Number	DAH 0048
Location	Cambridge, United Kingdom
Descriptor	Dahlia (new) (<i>Dahlia</i>) TG/226/1
Period	2007
Conditions	Comparisons of characteristics are based on CPVO trials done at NIAB, Cambridge, United Kingdom during 2007. Verification trial was done on plants grown in commercial pinebark based media grown in a covered polyhouse with overhead watering in Tynong, VIC in 2010.
Trial Design	10 plants in block design.
Measurements	Taken from middle third of stem.
RHS Chart - edition	Fifth edition

Origin and Breeding

Controlled pollination followed by seedling selection: pollination occurred in 1999 as part of an on-going breeding program for Dahlias. Female parent: Roxy, pollen parent: Razzmatazz. A selection was made in 2000 on the basis of plant height: medium, leaf colour: very dark burgundy, leaf margin: serrated, ray floret colour: red-orange.

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	colour	purple
Flower head	type	single
Flower head	disc type	daisy
Flower head	diameter	small to medium
Ray floret	number of colours of inner side	two

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Knockout'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression	State of Expression in Comparator Variety	Comments
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Bishop of Llandaff	flower head type	single	semi double	
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Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Scarlet Fern'	'Knockout'
<input type="checkbox"/> Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Plant: height	short to medium	short to medium
<input type="checkbox"/> Stem: colour	purple	purple
<input type="checkbox"/> Leaf: type	predominantly pinnate	predominantly pinnate
<input type="checkbox"/> Leaf: wing	absent or weak	absent or weak
<input type="checkbox"/> *Leaf: length including petiole	medium to long	long
<input type="checkbox"/> *Leaf: width	medium	medium to broad
<input type="checkbox"/> *Leaf: length/width ratio	medium	low to medium
<input type="checkbox"/> *Leaf: colour	green tinged with purple	green tinged with purple
<input type="checkbox"/> Leaf: glossiness	medium	medium
<input type="checkbox"/> Leaf: texture of surface	weakly rugose	weakly rugose
<input type="checkbox"/> Leaf: veins	raised	raised
<input type="checkbox"/> Leaflet: shape	elliptic	elliptic
<input type="checkbox"/> Leaflet: shape of base	acute	acute
<input type="checkbox"/> Leaflet margin: number of incisions	few	few
<input checked="" type="checkbox"/> Leaflet margin: depth of incisions	deep	medium
<input checked="" type="checkbox"/> Peduncle: length	medium to long	short to medium
<input type="checkbox"/> Peduncle: colour	purple	purple
<input type="checkbox"/> *Flower heads: position in relation to foliage	moderately above foliage	moderately above foliage
<input type="checkbox"/> Flower head: attitude	semi upright	semi upright
<input type="checkbox"/> *Flower head: type	single	single
<input type="checkbox"/> *Flower head: disc type (single and semi double varieties only)	daisy	daisy
<input type="checkbox"/> *Flower head: collar segments	absent	absent
<input type="checkbox"/> *Flower head: diameter	small to medium	small to medium
<input type="checkbox"/> *Flower head: number of ray florets (single, semi double and daisy-eyed double varieties only)	very few	very few
<input type="checkbox"/> *Ray floret: length	medium	medium to long

<input type="checkbox"/>	*Ray floret: width	broad	very broad
<input type="checkbox"/>	*Ray floret: length/width ratio	low to medium	low
<input type="checkbox"/>	Ray floret: upper surface	ribbed	ribbed
<input checked="" type="checkbox"/>	*Ray floret: profile in cross section at mid point	weakly concave	weakly convex
<input type="checkbox"/>	Ray floret: rolling of margin	flat	flat
<input type="checkbox"/>	*Ray floret: longitudinal axis	reflexing	reflexing
<input type="checkbox"/>	Ray floret: part of axis curved	distal quarter	distal quarter
<input checked="" type="checkbox"/>	Ray floret: strength of curvature	weak	medium
<input type="checkbox"/>	Ray floret: twisting	absent or very weak	absent or very weak
<input type="checkbox"/>	*Ray floret: shape of apex	pointed	pointed
<input type="checkbox"/>	*Ray floret: number of colours of inner side	two	two
<input checked="" type="checkbox"/>	*Ray floret: main colour of inner side (RHS Colour Chart)	slightly brighter than orange-red 34A	yellow 2A
<input checked="" type="checkbox"/>	*Ray floret: second colour of inner side (RHS Colour Chart)	red 44A	orange-red 34C
<input type="checkbox"/>	*Ray floret: distribution of second colour of inner side	basal quarter	at base
<input type="checkbox"/>	*Ray floret: pattern of second colour of inner side	solid or nearly solid	flushed
<input type="checkbox"/>	*Ray floret: colour of the outer side compared to main colour of inner side	similar	similar
<input type="checkbox"/>	*Disc: diameter relative to flower head diameter (single and semi double varieties only)	small	small
<input type="checkbox"/>	*Disc: colour before anther dehiscence (single and semi double varieties which are daisy type only)	red brown	red brown
<input type="checkbox"/>	Disc: colour at anther dehiscence (single and semi double varieties which are daisy type only)	orange	orange

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2005	Granted	'Scarlet Fern'
USA	2006	Granted	'Scarlet Fern'
EU	2006	Granted	'HAMSCARLET'

First sold in NZ in September 2004 and in AU in January 2007.

Description: **Mark Lunghusen**, World Select Plants, Cranebourne, VIC.

Details of Application

Application Number	2007/038
Variety Name	'Zone Ten'
Genus Species	<i>Dahlia variabilis</i>
Common Name	Dahlia
Synonym	Mystic Star
Accepted Date	16 Dec 2008
Applicant	Dr Keith Hammett, Auckland, NZ.
Agent	Greenhills Propagation Nursery P/L, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	NIAB, Cambridge, United Kingdom
Overseas Data Reference Number	
Location	Cambridge, United Kingdom
Descriptor	Dahlia (new) (<i>Dahlia</i>) TG/226/1
Period	2008
Conditions	Comparisons of characteristics are based on CPVO trials done at NIAB, Cambridge, United Kingdom during 2008. Verification trial was done on plants grown in commercial pinebark based media grown in a covered polyhouse with overhead watering in Tynong, VIC in 2010. Comparator data has been extracted from Canadian Food Inspection Agency variety description data (3660).
Trial Design	10 plants in block design.
Measurements	Taken from middle third of stem.
RHS Chart - edition	Fifth edition

Origin and Breeding

Controlled pollination followed by seedling selection: pollination occurred in 2001 as part of an on-going breeding program for Dahlia. Female parent: Scarlet Fern and pollen parent: un-named breeding line. The selection was made in 2002 on the basis of: plant height: intermediate, leaf colour: burgundy, ray floret colour: pink, ray floret presence of central colour bar: present, ray floret colour of basal blotch: crimson.

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 head	type	single
Flower head	disc type	daisy
Flower head	diameter	small
Ray floret	number of colours of inner side	more than two
Ray floret	main colour of inner side	red-purple
Ray floret	second colour of inner side	red-purple
Leaf	colour	brownish red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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‘HS Juliet’

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
Knockout	Ray floret	Number of more than two colour of inner side	two	
Knockout	Ray floret	Main colour of inner side red purple	yellow	
Union Jack	Ray floret	Number of more than two colour of inner side	two	Union Jack is a border Dahlia

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

Organ/Plant Part: Context	‘Zone Ten’	‘HS Juliet’
<input type="checkbox"/> Plant: growth habit	upright	upright
<input type="checkbox"/> *Plant: height	short to medium	short to medium
<input type="checkbox"/> Stem: colour	brownish red	brownish red
<input type="checkbox"/> Leaf: type	predominantly pinnate	simple and pinnate
<input type="checkbox"/> Leaf: wing	absent or weak	moderate
<input type="checkbox"/> *Leaf: length including petiole	medium	medium to long
<input type="checkbox"/> *Leaf: width	medium	medium
<input type="checkbox"/> *Leaf: length/width ratio	low to medium	low to medium
<input type="checkbox"/> *Leaf: colour	green tinged with brownish red	green tinged with brownish red
<input type="checkbox"/> Leaf: glossiness	weak	weak
<input type="checkbox"/> Leaf: texture of surface	weakly rugose	weakly rugose
<input type="checkbox"/> Leaf: veins	raised	flat
<input type="checkbox"/> Leaflet: shape	elliptic	ovate
<input type="checkbox"/> Leaflet: shape of base	acute	attenuate
<input type="checkbox"/> Leaflet margin: number of incisions	medium	medium
<input type="checkbox"/> Leaflet margin: depth of incisions	deep	medium
<input type="checkbox"/> Peduncle: length	short	very long
<input type="checkbox"/> Peduncle: colour	brownish red	brownish red
<input type="checkbox"/> *Flower heads: position in relation to foliage	high above foliage	high above foliage

<input type="checkbox"/>	Flower head: attitude	horizontal	upright to semi-upright
<input type="checkbox"/>	*Flower head: type	single	single
<input type="checkbox"/>	*Flower head: disc type (single and semi double varieties only)	daisy	daisy
<input type="checkbox"/>	*Flower head: collar segments	absent	absent
<input type="checkbox"/>	*Flower head: diameter	small	small
<input type="checkbox"/>	*Flower head: number of ray florets (single, semi double and daisy-eyed double varieties only)	very few	very few
<input type="checkbox"/>	*Ray floret: length	short	short
<input type="checkbox"/>	*Ray floret: width	broad	broad
<input type="checkbox"/>	*Ray floret: length/width ratio	very low to low	very low to low
<input type="checkbox"/>	Ray floret: upper surface	ribbed	ribbed
<input type="checkbox"/>	*Ray floret: profile in cross section at mid point	weakly convex	weakly concave
<input type="checkbox"/>	Ray floret: rolling of margin	flat	flat
<input type="checkbox"/>	*Ray floret: longitudinal axis	reflexing	reflexing
<input type="checkbox"/>	Ray floret: part of axis curved	distal three quarters	distal three quarters
<input type="checkbox"/>	Ray floret: strength of curvature	medium	very weak
<input type="checkbox"/>	Ray floret: twisting	absent or very weak	absent or very weak
<input type="checkbox"/>	*Ray floret: shape of apex	rounded	rounded
<input type="checkbox"/>	*Ray floret: number of colours of inner side	more than two	more than two
<input checked="" type="checkbox"/>	*Ray floret: main colour of inner side (RHS Colour Chart)	slightly more blue than red-purple 72C	N74A-B
<input checked="" type="checkbox"/>	*Ray floret: second colour of inner side (RHS Colour Chart)	red-purple 70D	red-purple 72A-B
<input type="checkbox"/>	*Ray floret: distribution of second colour of inner side	marginal zone	marginal zone
<input type="checkbox"/>	*Ray floret: pattern of second colour of inner side	solid or nearly solid	solid or nearly solid
<input type="checkbox"/>	*Ray floret: pattern of third colour of inner side	solid or nearly solid	solid or nearly solid
<input type="checkbox"/>	*Ray floret: colour of the outer side compared to main colour of inner side	similar	similar
<input type="checkbox"/>	*Disc: diameter relative to flower head diameter (single and semi double varieties only)	small to medium	small to medium
<input type="checkbox"/>	*Disc: colour before anther dehiscence (single and semi double varieties which are daisy type only)	red brown	red brown
<input type="checkbox"/>	Disc: colour at anther dehiscence (single and semi double	orange	orange

varieties which are daisy type only)

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Zone Ten'	'HS Juliet'
<input checked="" type="checkbox"/> Ray floret: third colour of inner side	red 42A	71C
<input type="checkbox"/> Ray floret: distribution of third colour of inner side	at base	at base

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2007	Granted	'Zone Ten'
EU	2007	Granted	'Zone Ten'
USA	2007	Granted	'Zone Ten'

First sold in NZ in September 2006 and in AU in January 2007.

Description: **Mark Lunghusen**, World Select Plants, Cranebourne, VIC

Details of Application

Application Number	2001/351
Variety Name	'Wilcott'
Genus Species	<i>Euphorbia characias</i>
Common Name	Euphorbia
Synonym	Nil
Accepted Date	04 Dec 2001
Applicant	Notcutts Ltd, Suffolk, UK
Agent	Plants Management Australia Pty Ltd, Dodge Ferry, TAS
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Sep 2009 – Sep 2010
Conditions	Trial conducted in the open, plants propagated from cuttings during Sep 2009, transferred from tubes to 140mm pots in Jan 2010. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required.
Trial Design	Twelve pots of each variety in a completely randomised design.
Measurements	From 10 pots randomly selected.
RHS Chart - edition	1995

Origin and Breeding

Spontaneous mutation or sport: selected for as a variegated sport of *Euphorbia characias* subsp. *wulfenii* by the breeder at 7 Castle View, Sheriff Hutton, York, England. This sport was then isolated and cuttings taken and plants grown to maturity. Final selection criteria: Leaf: variegation present, variegation colour white. 'Wilcott' has since been propagated via cuttings all which have all been uniform and stable.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	presence of variegation	present
Leaf	position of variegation	marginal
Leaf	growth habit	erect
Leaf	shape of base	attenuate
Leaf	undulation of margin	very weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ascot Rainbow'	
'Tasmanian Tiger'	

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

Organ/Plant Part: Context	'Wilcott'	'Ascot Rainbow'	'Tasmanian Tiger'
<input type="checkbox"/> Plant: growth habit	erect	erect	erect

<input checked="" type="checkbox"/>	Leaf: shape	oblanceolate	oblanceolate	linear
<input checked="" type="checkbox"/>	Leaf: shape of apex	acute	acute	acuminate
<input type="checkbox"/>	Leaf: shape of base	attenuate	attenuate	attenuate
<input type="checkbox"/>	Leaf: undulation of the margin	very weak	very weak	very weak
<input type="checkbox"/>	Leaf: presence of variegation	present	present	present
<input type="checkbox"/>	Leaf: type of variegation	marginal	marginal	marginal

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Wilcott’	‘Ascot Rainbow’	‘Tasmanian Tiger’
<input checked="" type="checkbox"/> Inflorescence: density of cyme	medium	Sparse to medium	dense to very dense
<input checked="" type="checkbox"/> Inflorescence: pedicel colour (RHS colour chart)	Yellow-Green 147D	Greyed-purple 183D	yellow-green 147D
<input checked="" type="checkbox"/> Leaf: variegated area of mature leaf	1-10%	11-30%	31-50%
<input type="checkbox"/> Leaf: degree of anthocyanin colouration of newly expanded leaf	very weak	very weak to weak	very weak
<input checked="" type="checkbox"/> Leaf: colour of central zone of mature leaf	green 138B	grey-green 191A	greyed-green 191A
<input checked="" type="checkbox"/> Leaf: colour of marginal zone of mature leaf	white 155A	yellow 13B	white 155A
<input checked="" type="checkbox"/> Flower: nectary gland colour	greyed-orange 163C	greyed-purple 187B	yellow 13B
<input checked="" type="checkbox"/> Inflorescence: bract colour of variegated upper surface	yellow 2D	yellow 7A	yellow 2D
<input checked="" type="checkbox"/> Inflorescence: bract colour of non variegated upper surface	green 138B	yellow-green 146C	greyed-green 191B

Statistical Table

Organ/Plant Part: Context	‘Wilcott’	‘Ascot Rainbow’	‘Tasmanian Tiger’
<input checked="" type="checkbox"/> Inflorescence: bract width (mm)			
Mean	14.40	12.70	19.60
Std. Deviation	1.10	1.10	0.80
LSD/sig	1.4	p≤0.01	p≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2004	Granted	‘Wilcott’
EU	2008	Granted	‘Wilcott’

First sold in UK in Aug 2001.

Description: Steve Eggleton, PGA, 3 Harris Rd, Wonga Park, VIC.

Details of Application

Application Number	2001/352
Variety Name	'Charam'
Genus Species	<i>Euphorbia</i> hybrid
Common Name	Euphorbia
Synonym	Nil
Accepted Date	04 Dec 2001
Applicant	Notcutts Ltd, Suffolk, UK
Agent	Plants Management Australia Pty Ltd, Dodge Ferry, TAS
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Sep 2009 – Sep 2010
Conditions	Trial conducted in the open, plants propagated from cuttings during Sep 2009, transferred from tubes to 140mm pots in Jan 2010. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required.
Trial Design	Twelve pots of each variety in a completely randomised design.
Measurements	From 10 pots randomly selected.
RHS Chart - edition	1995

Origin and Breeding

Open pollination followed by seedling selection: In 1992, at Fullers Mill Bury St, Edmunds Suffolk, England, a natural cross occurring between *Euphorbia characias* 'Wulfenii' and *Euphorbia x martinii*. The breeder selected the seedling on the criteria of plant growth habit bushy and inflorescence density of cyme dense to very dense. 'Charam' was first propagated via cuttings in 1992. This and all generations since have been uniform and stable.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	bushy
Leaf	shape	oblanceolate
Leaf	shape of apex	acute
Leaf	shape of base	attenuate
Leaf	presence of variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Craigieburn'	
<i>E. martinii</i>	

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

Organ/Plant Part: Context	'Charam'	'Craigieburn'	<i>E. martinii</i>

<input type="checkbox"/>	Plant: growth habit	bushy	bushy	bushy
<input type="checkbox"/>	Leaf: shape	oblanceolate	oblanceolate	oblanceolate
<input type="checkbox"/>	Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/>	Leaf: shape of base	attenuate	attenuate	attenuate
<input type="checkbox"/>	Leaf: undulation of the margin	very weak	weak	very weak
<input type="checkbox"/>	Leaf: presence of variegation	absent	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Charam’	‘Craigieburn’	<i>E. martinii</i>
<input checked="" type="checkbox"/> Inflorescence: pedicel colour (RHS colour chart)	greyed-purple 183D	greyed-purple 185A	greyed-purple 183C
<input checked="" type="checkbox"/> Inflorescence: bract colour upper surface (RHS colour chart)	yellow-green 151B	yellow-green 144C	yellow-green 144A
<input checked="" type="checkbox"/> Leaf: upper surface colour - first new fully expanded (RHS colour chart)	green 137B	brown 200B	green 137B
<input checked="" type="checkbox"/> Leaf: lower surface colour - first new fully expanded (RHS colour chart)	yellow-green 144A	greyed-purple 187C	yellow-green 146B
<input checked="" type="checkbox"/> Flower: nectary gland colour	yellow-green 151A	yellow-green 144B	greyed-purple 187B
<input checked="" type="checkbox"/> Leaf: lower surface colour - mature (RHS colour chart)	yellow-green 147B	yellow-green 147B and greyed-purple 187A	yellow-green 147C
<input type="checkbox"/> Leaf: upper surface colour - mature (RHS colour chart)	yellow-green 147A	yellow-green 147A	yellow-green 147A
<input checked="" type="checkbox"/> Leaf: Degree of anthocyanin colouration of newly expanded leaf	very weak	medium	weak to medium
<input checked="" type="checkbox"/> Inflorescence: density of cyme	dense to very dense	sparse	dense

Prior Applications and Sales

Country	Year	Current Status	Name Applied
UK	1998	Surrendered	‘Charam’
EU	1998	Granted	‘Charam’
USA	2001	Applied	‘Charam’

First sold in the UK in April 1998.

Description: **Steve Eggleton**, PGA, 3 Harris Rd, Wonga Park, VIC.

Details of Application

Application Number	2004/208
Variety Name	'Rullo Special'
Genus Species	<i>Pyrus communis</i>
Common Name	European Pear
Synonym	
Accepted Date	28 Sep 2004
Applicant	Cherry Royale Pty Ltd
Agent	Australian Nurserymen's Fruit Improvement Company Limited, Bathurst, NSW
Qualified Person	Gavin Porter

Details of Comparative Trial

Location	Shepparton, VIC
Descriptor	Pear (<i>Pyrus communis</i>) TG/15/3
Period	2004-2011
Conditions	'Rullo Special' trees were planted in a commercial 'Williams' pear block.
Trial Design	Randomised block design in two replicates
Measurements	Measurements are taken from 20 trees. Standard orchard practices have been used in this trial.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Packham's Triumph' x 'Williams'. On 15 Sep 1995, Mr Joseph Rullo pollinated a limb of a 'Packham's Triumph' pear tree in his orchard with pollen collected from a 'Williams' pear tree. Two hundred (200) seeds were collected from fruit set after this controlled pollination at harvest. These seeds were stratified and then planted in pots. Only 3 seedlings grew from these seeds. The 3 seedlings were grown on until large enough to select budwood for further propagations. Plant material from these 3 seedlings was topworked by grafting onto 30 old pear trees in his orchard for fruiting evaluation. On 10 Dec 1999, one of the three seedling selections topworked onto the existing orchard pear trees was considered to be superior at harvest to the other 2 seedling selections by its early harvest maturity and red blush skin colour. This seedling selection gained the name 'Rullo Special' and was further propagated through grafting onto young seedling rootstocks for orchard planting and additional trees were topworked in the orchard for further fruiting evaluation. Four generations of propagations were made to establish stability of the selection and no off-types have been observed during these propagations and subsequent fruiting. Breeder: Mr Joseph Rullo

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	habit	semi-upright
Tree	branching	medium to strong
One year old shoot	length of internode	medium to long

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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‘Williams’

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Packhams Triumph’	One year old shoot	growth straight	zig zag
‘Packhams Triumph’	Time of maturity for consumption	early	medium to 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	‘Rullo Special’	‘Williams’
<input type="checkbox"/> Tree: vigour	medium	medium to strong
<input type="checkbox"/> *Tree: branching	medium to strong	medium to strong
<input type="checkbox"/> *Tree: habit	semi-upright	semi-upright
<input type="checkbox"/> One-year-old shoot: growth	straight	wavy
<input type="checkbox"/> One-year-old shoot: length of internode	medium to long	medium to long
<input type="checkbox"/> One-year-old shoot: predominant colour on sunny side	grey green	grey brown
<input type="checkbox"/> One-year-old shoot: number of lenticels	medium to many	medium
<input type="checkbox"/> *One-year-old shoot: shape of apex of vegetative bud	obtuse	obtuse
<input type="checkbox"/> *One-year-old shoot: position of vegetative bud in relation to shoot	markedly held out	markedly held out
<input type="checkbox"/> One-year-old shoot: size of bud support	medium	medium
<input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip	absent or very weak	weak
<input type="checkbox"/> *Young shoot: intensity of pubescence	medium	medium
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	upwards	upwards
<input type="checkbox"/> *Leaf blade: length	medium	long
<input type="checkbox"/> *Leaf blade: width	narrow to medium	narrow
<input type="checkbox"/> *Leaf blade: ratio length/width	small	medium to large
<input type="checkbox"/> Leaf blade: shape of base	acute	acute
<input type="checkbox"/> Leaf blade: shape of apex	obtuse	obtuse
<input type="checkbox"/> Leaf blade: length of pointed tip	short to medium	medium to long
<input type="checkbox"/> Leaf blade: incisions of margin	bluntly serrate	sharply serrate
<input type="checkbox"/> Leaf blade: depth of incisions of margin	very shallow	very shallow to shallow
<input type="checkbox"/> *Leaf blade: curvature of longitudinal axis	weak	very weak to weak
<input type="checkbox"/> *Petiole: length	medium to long	medium

<input type="checkbox"/>	*Petiole: presence of stipules	present	present
<input type="checkbox"/>	*Petiole: distance of stipules from basal attachment of petiole	short	very short to short
<input type="checkbox"/>	Shoot: location of flower bud	mainly on long spurs	mainly on long spurs
<input type="checkbox"/>	*Flower bud: length	short to medium	short to medium
<input type="checkbox"/>	Flower sepal: length	medium	medium
<input type="checkbox"/>	*Flower: position of margins of petals	apart	touching
<input type="checkbox"/>	Flower: size of petal	medium	medium
<input type="checkbox"/>	*Flower: shape of petal	circular	circular
<input type="checkbox"/>	Flower: shape of base of petal	rounded	rounded
<input type="checkbox"/>	Flower: length of claw of petal	medium	medium to long
<input type="checkbox"/>	Immature fruit: colour of sepals	green	green-brown
<input type="checkbox"/>	Fruit: length	short to medium	short
<input type="checkbox"/>	Fruit: maximum diameter	medium	small to medium
<input type="checkbox"/>	*Fruit: ratio length/diameter	medium	small
<input type="checkbox"/>	*Fruit: position of maximum diameter	slightly towards calyx	slightly towards calyx
<input type="checkbox"/>	*Fruit: size	medium	small to medium
<input type="checkbox"/>	Fruit: symmetry	symmetric	slightly asymmetric
<input type="checkbox"/>	*Fruit: profile of sides	convex	convex
<input type="checkbox"/>	*Fruit: ground colour of skin	yellow green	green
<input type="checkbox"/>	*Fruit: relative area of over colour	medium	small to medium
<input checked="" type="checkbox"/>	Fruit: hue of over colour	light red	orange red
<input type="checkbox"/>	Fruit: relative area of russet around eye basin	medium to large	very small to small
<input type="checkbox"/>	Fruit: relative area of russet on cheeks	small	absent or very small
<input type="checkbox"/>	Fruit: relative area of russet around stalk attachment	small	very small to small
<input checked="" type="checkbox"/>	*Fruit: length of stalk	short to medium	medium to long
<input type="checkbox"/>	*Fruit: thickness of stalk	medium to thick	thick
<input checked="" type="checkbox"/>	Fruit: curvature of stalk	weak	medium to strong
<input type="checkbox"/>	*Fruit: attitude of stalk in relation to axis of fruit	oblique	straight
<input type="checkbox"/>	*Fruit: depth of stalk cavity	very shallow to shallow	shallow
<input type="checkbox"/>	Fruit: attitude of sepals	erect	converging

<input type="checkbox"/>	*Fruit: eye basin	present	present
<input type="checkbox"/>	*Fruit: depth of eye basin	shallow	shallow to medium
<input type="checkbox"/>	*Fruit: width of eye basin	narrow to medium	medium
<input type="checkbox"/>	*Fruit: relief of area around eye	smooth	slightly ribbed
<input type="checkbox"/>	Fruit: texture of flesh	fine to medium	coarse to very coarse
<input type="checkbox"/>	Fruit: firmness of flesh	medium	very firm
<input type="checkbox"/>	Fruit: juiciness of flesh	medium to juicy	dry
<input type="checkbox"/>	*Seed: shape	narrow elliptic	elliptic
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	early to medium	medium to late
<input checked="" type="checkbox"/>	*Time of: maturity for consumption	early	medium to late

Statistical Table

Organ/Plant Part: Context	'Rullo Special'	'Williams'
<input type="checkbox"/> Fruit: length (mm)		
Mean	88.78	86.75
Std. Deviation	6.04	2.77
LSD/sig	2.789	ns
<input checked="" type="checkbox"/> Fruit: width (mm)		
Mean	62.10	65.94
Std. Deviation	4.23	4.73
LSD/sig	3.629	P≤0.01
<input checked="" type="checkbox"/> Fruit: firmness (kg/cm ² at picking)		
Mean	5.55	7.25
Std. Deviation	0.37	0.52
LSD/sig	0.375	P≤0.01

Prior Applications and Sales

Nil.

First sold in Australia in July 2001

Description: Dr Gavin Porter, ANFIC, Bathurst, NSW.

Details of Application

Application Number	2007/226
Variety Name	'Arena'
Genus Species	<i>Pyrus communis</i>
Common Name	European Pear
Synonym	
Accepted Date	20 Jul 2008
Applicant	C.R.A. Istituto Sperimentale per la Frutticoltura, Rome, Italy
Agent	Davies Collison Cave, Sydney
Qualified Person	Graham Fleming

Details of Comparative Trial

Overseas Testing	CPVO
Authority	
Overseas Data	2000/0472
Reference Number	
Descriptor	Pear (<i>Pyrus communis</i>) TG/15/3
Period	
Conditions	Where possible the overseas data was verified under local conditions.

Origin and Breeding

Controlled pollination: Dr Jules Guyot' x 'Bella Di Giugno'. The resulting seedlings from this cross pollination were observed growing and 1989 one such seedling designated as ISF-FO 80-18-69 was chosen for additional propagation and evaluation. In 2000 the selected seedling was deemed stable and chosen for commercialisation based on its desirable fruiting characteristics. Breeder: Lorenzo Rivalta, CRAISF, Italy.. It differs from the pollen parent 'Bella di Giugno' in maturing 1 month later.

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	size	small to medium
Fruit	over colour	present
Fruit	firmness of flesh	medium
Fruit	juiciness of flesh	juicy

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Dr. Jules Guyot'	
'Coscia'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Williams'	Fruit profile of sides	concave	straight

'Williams'	Fruit	skin colour	yellow-green	yellow
'Kaiser'	Shoot tip	pubescence	medium	absent or very sparse
'Kaiser'	Fruit	length of stalk	medium	long
'Butirra d' Amanlis'	Tree	vigour	medium	very strong
'Buitirra d' Amanlis'	Tree	habit	Erect	weeping

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

Organ/Plant Part: Context	'Arena'	'Coscia'	'Dr. Jules Guyot'
<input type="checkbox"/> Tree: vigour	strong		
<input type="checkbox"/> *Tree: branching	weak		
<input type="checkbox"/> *Tree: habit	semi-upright		
<input type="checkbox"/> One-year-old shoot: growth	straight		
<input type="checkbox"/> One-year-old shoot: length of internode	medium		
<input type="checkbox"/> One-year-old shoot: predominant colour on sunny side	orange brown		
<input type="checkbox"/> One-year-old shoot: number of lenticels	medium		
<input type="checkbox"/> *One-year-old shoot: shape of apex of vegetative bud	obtuse		
<input type="checkbox"/> *One-year-old shoot: position of vegetative bud in relation to shoot	slightly held out		
<input type="checkbox"/> One-year-old shoot: size of bud support	medium		
<input type="checkbox"/> *Young shoot: anthocyanin colouration of growing tip	medium		
<input type="checkbox"/> *Young shoot: intensity of pubescence	weak		
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	outwards		
<input type="checkbox"/> *Leaf blade: length	medium		
<input type="checkbox"/> *Leaf blade: width	medium		
<input type="checkbox"/> *Leaf blade: ratio length/width	medium		
<input type="checkbox"/> Leaf blade: shape of base	truncate		
<input type="checkbox"/> Leaf blade: shape of apex	right-angled		
<input type="checkbox"/> Leaf blade: length of pointed tip	medium		
<input type="checkbox"/> Leaf blade: incisions of margin	bluntly serrate		
<input type="checkbox"/> Leaf blade: depth of incisions of margin	shallow		

<input type="checkbox"/>	*Leaf blade: curvature of longitudinal axis	weak		
<input type="checkbox"/>	*Petiole: length	medium		
<input type="checkbox"/>	*Petiole: presence of stipules	absent		
<input type="checkbox"/>	Shoot: location of flower bud	mainly on spurs		
<input type="checkbox"/>	*Flower bud: length	medium		
<input type="checkbox"/>	Flower sepal: length	long		
<input type="checkbox"/>	Flower: attitude of sepals in relation to corolla	recurved		
<input type="checkbox"/>	*Flower: position of margins of petals	overlapping		
<input type="checkbox"/>	Flower: position of stigma in relation to stamens	above		
<input type="checkbox"/>	Flower: size of petal	large		
<input type="checkbox"/>	*Flower: shape of petal	broad ovate		
<input type="checkbox"/>	Flower: shape of base of petal	truncate		
<input type="checkbox"/>	Flower: length of claw of petal	short		
<input type="checkbox"/>	Immature fruit: colour of sepals	brown		
<input checked="" type="checkbox"/>	Fruit: length	medium		
<input type="checkbox"/>	Fruit: maximum diameter	medium		
<input type="checkbox"/>	*Fruit: ratio length/diameter	medium		
<input type="checkbox"/>	*Fruit: position of maximum diameter	clearly towards calyx		
<input type="checkbox"/>	*Fruit: size	medium	small to medium	medium
<input type="checkbox"/>	Fruit: symmetry	strongly asymmetric		
<input checked="" type="checkbox"/>	*Fruit: profile of sides	concave	straight	convex
<input type="checkbox"/>	*Fruit: ground colour of skin	yellow		
<input type="checkbox"/>	*Fruit: relative area of over colour	medium		
<input checked="" type="checkbox"/>	Fruit: hue of over colour	orange red	light red	light red
<input type="checkbox"/>	Fruit: relative area of russet around eye basin	absent or very small		
<input type="checkbox"/>	Fruit: relative area of russet on cheeks	absent or very small		
<input type="checkbox"/>	Fruit: relative area of russet around stalk attachment	absent or very small		
<input type="checkbox"/>	*Fruit: length of stalk	long		
<input type="checkbox"/>	*Fruit: thickness of stalk	medium		
<input type="checkbox"/>	Fruit: curvature of stalk	weak		

<input type="checkbox"/>	*Fruit: attitude of stalk in relation to axis of fruit	oblique		
<input type="checkbox"/>	*Fruit: depth of stalk cavity	absent or very shallow		
<input type="checkbox"/>	Fruit: attitude of sepals	spreading		
<input type="checkbox"/>	*Fruit: eye basin	present		
<input type="checkbox"/>	*Fruit: depth of eye basin	shallow		
<input type="checkbox"/>	*Fruit: width of eye basin	narrow		
<input type="checkbox"/>	*Fruit: relief of area around eye	smooth		
<input type="checkbox"/>	Fruit: texture of flesh	medium		
<input type="checkbox"/>	Fruit: firmness of flesh	medium	medium	medium
<input type="checkbox"/>	Fruit: juiciness of flesh	juicy	juicy	juicy
<input type="checkbox"/>	*Seed: shape	ovate		
<input type="checkbox"/>	*Time of: beginning of flowering	medium		
<input checked="" type="checkbox"/>	*Time of: maturity for consumption	very early	early	early

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2000	Granted	'Carmen'
New Zealand	2004	Applied	'Carmen'

First sold in Italy December 2002 as 'Carmen'

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

Details of Application

Application Number	2005/047
Variety Name	'Amber Velvet'
Genus Species	<i>Anigozanthos</i> hybrid
Common Name	Kangaroo Paw
Synonym	
Accepted Date	29 Apr 2005
Applicant	George A Lullfitz, Wanneroo, WA
Agent	Ozbreed Pty Ltd, Richmond, NSW
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Wanneroo, WA
Descriptor	Kangaroo Paw (<i>Anigozanthos</i>) TG/175/3
Period	Nov 2004 – Oct 2005
Conditions	Full sun in a winter rainfall (mean 786.4mm Perth Airport) climate. Trial plants were grown in 250mm containers in an overhead irrigated nursery. The container media was a composted pine bark based soilless type fed using slow release fertiliser applied as a top dress.
Trial Design	Containers were laid out in blocks with the candidate and comparator adjacent to one another.
Measurements	Observations were made on all plants following the methods set out in the test guideline where applicable
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination between two tetraploid F1 parent lines [*A. humilis* x *A. flavidus*] x [*A. pulcherrimus* x *A. flavidus*] in Perth. Seed raised in-vitro during 2003. The selection criteria were plant height, vigour, flower colour and flowering time. Breeder: Keith Oliver, Hamersley, WA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	ramification	present
Perianth lobes	reflexing	strong
Flower	colour group	orange

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Gold Fever'	This is the only presently available <i>A. pulcherrimus</i> x <i>A. flavidus</i> hybrid with flowers in the orange colour group.

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

Organ/Plant Part: Context	'Amber Velvet'	'Gold Fever'
<input checked="" type="checkbox"/> *Plant: height	medium	tall to very tall

<input type="checkbox"/>	Plant: number of inflorescences	medium	medium
<input type="checkbox"/>	Leaf: length	long	medium to long
<input type="checkbox"/>	Leaf: width	medium to broad	medium to broad
<input type="checkbox"/>	*Leaf: attitude	semi-erect	semi-erect
<input type="checkbox"/>	Leaf: degree of curvature	slightly curved	strongly curved
<input type="checkbox"/>	Leaf: colour	green	green
<input type="checkbox"/>	Leaf: glaucosity	very weak	very weak
<input type="checkbox"/>	Leaf: degree of hairiness of margin	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Inflorescence: ramification	present	present
<input type="checkbox"/>	Inflorescence: degree of ramification	secondary	secondary
<input type="checkbox"/>	Inflorescence: length of lowest lateral	medium	short to medium
<input type="checkbox"/>	Inflorescence: number of flowers	medium	medium
<input type="checkbox"/>	Pedicel: colour of hairs (RHS colour chart)	RHS 47A	
<input type="checkbox"/>	Perianth tube: length	medium	short to medium
<input type="checkbox"/>	Perianth tube: width	narrow to medium	narrow to medium
<input type="checkbox"/>	Perianth tube: profile	flared distally	flared distally
<input type="checkbox"/>	*Perianth tube: predominant colour	orange	orange
<input checked="" type="checkbox"/>	Perianth tube: number of colours of hair	one	two
<input type="checkbox"/>	Perianth tube: colour of tip of hairs (RHS colour chart)	RHS 47A	
<input type="checkbox"/>	Perianth tube: colour of middle third of hairs (RHS colour chart)	RHS 47A	
<input type="checkbox"/>	Perianth lobe: length of longest	medium	
<input type="checkbox"/>	*Perianth lobes: reflexing	strong	
<input type="checkbox"/>	Flower: number of anthers at top of perianth	six	
<input type="checkbox"/>	Ovary: colour of hairs (RHS colour chart)	RHS 47A	
<input type="checkbox"/>	Flower: position of stigma in relation to anthers	above	
<input checked="" type="checkbox"/>	Time of: beginning of flowering	early	late

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2008	Applied	'Amber Velvet'
EU	2007	Granted	'Amber Velvet'
USA	2007	Granted	'Amber Velvet'

First sold in nil

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

Details of Application

Application Number	2005/048
Variety Name	'Gold Velvet'
Genus Species	<i>Anigozanthos</i> hybrid
Common Name	Kangaroo Paw
Synonym	
Accepted Date	29 Apr 2005
Applicant	George A Lullfitz, Wanneroo, WA
Agent	Ozbreed Pty Ltd, Richmond, NSW
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Wanneroo, WA
Descriptor	Kangaroo Paw (<i>Anigozanthos</i>) TG/175/3
Period	Nov 2004 – Oct 2005
Conditions	Full sun in a winter rainfall (mean 786.4 mm Perth Airport) climate. Trial plants were grown in 250mm containers in an overhead irrigated Nursery. The container media was a composted pine bark based soilless type fed using slow release fertiliser applied as a top dress.
Trial Design	Containers were laid out in blocks with the candidate and comparator adjacent to one another.
Measurements	Observations were made on all plants following the methods set out in the test guideline where applicable
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination between two tetraploid F1 parent lines lines [*A. humilis* x *A. flavidus*] x [*A. pulcherrimus* x *A. flavidus*] in Perth. Seed raised in-vitro during 2003. The selection criteria were, plant height, vigour, flower colour and flowering time. Breeder: Keith Oliver, Hamersley, WA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	ramification	present
Inflorescence	degree of ramification	secondary
Perianth tube	profile	flared distally
Perianth tube	predominant colour	Yellow
Perianth tube	number of colours of hair	one
Flower	number of anthers at top six of perianth	
Flower	position of stigma in relation to anthers	above

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Yellow Gem'	The nearest VCK is a tall growing yellow flowered 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	‘Gold Velvet’	‘Yellow Gem’
<input checked="" type="checkbox"/> *Plant: height	medium	tall to very tall
<input type="checkbox"/> Plant: number of inflorescences	medium	many to very many
<input checked="" type="checkbox"/> Leaf: length	medium to long	long to very long
<input type="checkbox"/> Leaf: width	very broad	broad
<input type="checkbox"/> *Leaf: attitude	spreading	erect
<input type="checkbox"/> Leaf: degree of curvature	strongly curved	slightly curved
<input type="checkbox"/> Leaf: colour	green	green
<input type="checkbox"/> Leaf: glaucosity	very weak	very weak
<input type="checkbox"/> Leaf: degree of hairiness of margin	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/> *Inflorescence: ramification	present	present
<input type="checkbox"/> Inflorescence: degree of ramification	secondary	secondary
<input type="checkbox"/> Inflorescence: length of lowest lateral	medium	short
<input type="checkbox"/> Inflorescence: number of flowers	many	medium
<input type="checkbox"/> Pedicel: colour of hairs (RHS colour chart)	RHS 12A	
<input type="checkbox"/> Perianth tube: length	medium to long	short to medium
<input type="checkbox"/> Perianth tube: width	medium to broad	narrow to medium
<input type="checkbox"/> Perianth tube: profile	flared distally	flared distally
<input type="checkbox"/> *Perianth tube: predominant colour	yellow	yellow
<input type="checkbox"/> Perianth tube: number of colours of hair	one	one
<input type="checkbox"/> Perianth tube: colour of tip of hairs (RHS colour chart)	RHS 12A	
<input type="checkbox"/> Perianth tube: colour of middle third of hairs (RHS colour chart)	RHS 12A	
<input type="checkbox"/> Perianth lobe: length of longest	medium	medium
<input type="checkbox"/> *Perianth lobes: reflexing	weak to medium	medium to strong
<input type="checkbox"/> Flower: number of anthers at top of perianth	six	six
<input type="checkbox"/> Ovary: colour of hairs (RHS colour chart)	RHS 46A	
<input type="checkbox"/> Flower: position of stigma in relation to anthers	above	above
<input checked="" type="checkbox"/> Time of: beginning of flowering	early	medium to late

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2008	Applied	‘Gold Velvet’
EU	2008	Rejected	‘Gold Velvet’

USA 2010 Granted ‘Gold Velvet’

First sold in nil

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

Details of Application

Application Number	2009/101
Variety Name	'QUINTUS'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Synonym	
Accepted Date	09 Nov 2009
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel BV, The Netherlands
Agent	Rijk Zwaan Australia Pty Ltd, Daylesford, VIC
Qualified Person	Arie Baelde

Details of Comparative Trial

Overseas Testing	Naktuinbouw / The Netherlands
Authority	
Overseas Data	SLA2573 TP/13/3 d.d. 21-03-07
Reference Number	
Location	Roelofarendsveen / The Netherlands
Descriptor	Lettuce (<i>Lactuca sativa</i>) TG/13/10
Period	2008-2009

Origin and Breeding

Controlled pollination: 'Pinokio' x unnamed RJ breeding line. main selection criteria: slow bolting, resistance to *Nasonovia ribisnigri*, no tipburn. The breeders used a modified line and pedigree selection method to select 'Quintus' with resistance to *Nasonovia ribisnigri*. Breeder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	cos lettuce
Seed	colour	white
Leaf	anthocyanin colouration	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Claudius'	The variety 'Corbana' was identified as most similar at the time of the part 1 application as well as 'Claudius'. In the mean time

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Corbana'	Plant resistance to isolate BI 21	absent	present	'Corbana' has been withdrawn from commercial cultivation.
'Corbana'	Plant time of beginning of very late bolting under long day conditions		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	‘QUINTUS’	‘Claudius’
<input type="checkbox"/> *Seed: colour	white	white
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	erect	erect to semi-erect
<input type="checkbox"/> Leaf blade: division	entire	entire
<input type="checkbox"/> *Plant: diameter	medium	small to medium
<input type="checkbox"/> *Plant: head formation	closed head	closed head
<input type="checkbox"/> Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	medium	medium
<input type="checkbox"/> Head: density	medium	medium
<input type="checkbox"/> Head: size	medium to large	small to medium
<input type="checkbox"/> *Head: shape in longitudinal section	elliptic	broad elliptic
<input type="checkbox"/> Leaf: thickness	medium to thick	thick
<input type="checkbox"/> Leaf: attitude at harvest maturity	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> *Leaf: shape	elliptic	broad elliptic
<input type="checkbox"/> Leaf: tip of leaf blade	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	absent	absent
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	medium to dark	medium to dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> *Leaf: blistering	strong	medium to strong
<input type="checkbox"/> Leaf: size of blisters	medium	medium
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	absent or very weak	weak
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	absent	absent
<input type="checkbox"/> Leaf blade: venation	not flabellate	
<input type="checkbox"/> Axillary: sprouting	weak to medium	
<input type="checkbox"/> Time of: harvest maturity	late	
<input checked="" type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	late
<input type="checkbox"/> Plant: fasciation	present	present
<input type="checkbox"/> Plant: intensity of fasciation	weak to medium	medium
<input checked="" type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1	absent	present
21 <input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1	present	present

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘QUINTUS’	‘Claudius’
<input type="checkbox"/> Resistance to: <i>Bremia lactucae</i> Isolate B1:25	present	present
<input checked="" type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i>	present	absent
<input checked="" type="checkbox"/> Resistance to: <i>Pemphigus burarius</i> (root aphid)	absent	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2008	Applied	‘QUINTUS’
EU	2008	Applied	‘QUINTUS’

First sold in Grece in January 2008. First sold in Australia in July 2008.

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

Details of Application

Application Number	2009/100
Variety Name	'JADIGON'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Synonym	
Accepted Date	09 Nov 2009
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel BV, The Netherlands
Agent	Rijk Zwaan Australia Pty Ltd, Daylesford, VIC
Qualified Person	Arie Baelde

Details of Comparative Trial

Overseas Testing	Naktuinbouw/ The Netherlands
Authority	
Overseas Data	SLA2649 TP/13/3 d.d. 21-03-07
Reference Number	
Location	Roelofarendsveen / The Netherlands
Descriptor	Lettuce (<i>Lactuca sativa</i>) TG/13/10
Period	2009-2010

Origin and Breeding

Controlled pollination: Unnamed RZ Lagon cross x Obregon. Main selection criteria: *Bremia* resistance, deeply incised leaves, intense red colour, no tipburn. The breeders used a modified line and pedigree selection method to select 'Jadigon' out of a cross between Obregon and a Rijk Zwaan breeding line with advanced resistance to *Bremia lactucaae*. Breeders name: Rijk Zwaan Zaadteelt en Zaadhandel B.V.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	anthocyanin colouration	present
Seed	colour	white
Seedling	anthocyanin colouration	present
Leaf	hue of green colour of outer leaves	reddish
Resistance to downy mildew	Isolate BI:23	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Obregon'	
'Teragon'	

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

Organ/Plant Part: Context	'JADIGON'	'OBREGON'	'TERAGON'
<input type="checkbox"/> *Seed: colour	white	white	white
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present	present
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect		
<input type="checkbox"/> Leaf blade: division	divided		

<input type="checkbox"/>	*Plant: diameter	medium	small to medium	small to medium
<input type="checkbox"/>	*Plant: head formation	no head	open head	no head
<input checked="" type="checkbox"/>	Leaf: thickness	very thin to thin	medium	medium
<input type="checkbox"/>	Leaf: attitude at harvest maturity	semi-erect	semi-erect to horizontal	
<input type="checkbox"/>	*Leaf: shape	transverse broad elliptic	transverse elliptic	transverse broad elliptic
<input type="checkbox"/>	Leaf: tip of leaf blade	rounded		
<input type="checkbox"/>	*Leaf: hue of green colour of outer leaves	reddish	reddish	reddish
<input type="checkbox"/>	*Leaf: intensity of colour of outer leaves	medium to dark	dark	medium to dark
<input type="checkbox"/>	*Leaf: anthocyanin colouration	present	present	present
<input type="checkbox"/>	*Leaf: intensity of anthocyanin colouration	medium to strong	strong	medium to strong
<input type="checkbox"/>	Leaf: distribution of anthocyanin	localised	entire	
<input type="checkbox"/>	Leaf: kind of anthocyanin distribution	diffused only		
<input type="checkbox"/>	Leaf: glossiness of upper side	weak to medium	medium	
<input type="checkbox"/>	*Leaf: blistering	absent or very weak	weak	
<input type="checkbox"/>	*Leaf blade: degree of undulation of margin	strong to very strong	strong	strong to very strong
<input type="checkbox"/>	Leaf blade: incisions of margin on apical part	present	present	present
<input type="checkbox"/>	*Leaf blade: depth of incisions on margin on apical part	shallow	medium to deep	shallow
<input type="checkbox"/>	Leaf blade: density of incisions on margin on apical part	dense to very dense	dense	
<input type="checkbox"/>	Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	dentate	sinuate	
<input type="checkbox"/>	Leaf blade: venation	flabellate		
<input type="checkbox"/>	Time of: harvest maturity	medium		
<input type="checkbox"/>	*Time of: beginning of bolting under long day conditions	very late	late to very late	late to very late
<input type="checkbox"/>	Plant: fasciation	present	absent	
<input type="checkbox"/>	Plant: intensity of fasciation	very weak		
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 21	present	present	present

<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 18	present	present	present
<input type="checkbox"/>	*Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 23	present	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 22	present	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 24	present	present	present
<input checked="" type="checkbox"/>	Resistance to: lettuce mosaic virus Strain Ls 1	absent	absent	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘JADIGON’	‘OBREGON’	‘TERAGON’
<input type="checkbox"/> Resistance to: <i>Bremia lactucae</i> Isolate B1:25	present	present	present
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i>	present	present	present
<input checked="" type="checkbox"/> Resistance to: <i>Pemphigus burarius</i> (root aphid)	absent	present	absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2009	Applied	‘JADIGON’
EU	2009	Applied	‘JADIGON’

First sold in United Kingdom December 2008, First sold in Australia October 2008.

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

Details of Application

Application Number	2008/268
Variety Name	'CAVERNET'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Synonym	
Accepted Date	13 Oct 2008
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel BV, De Lier, The Netherlands
Agent	Rijk Zwaan Australia Pty Ltd, Daylesford, VIC
Qualified Person	Arie Baelde

Details of Comparative Trial

Overseas Testing	Raad voor Plantenrassen, The Netherlands
Authority	
Overseas Data	SLA 2490 TP 13/3
Reference Number	
Location	Roelofarendsveen, the Netherlands
Descriptor	Lettuce (<i>Lactuca sativa</i>) TG/13/9
Period	2008/2009

Origin and Breeding

Controlled pollination: Between a Rijk Zwaan breeding line and 'Constance', using a modified line and pedigree selection method. Main selection criteria: *Bremia* resistance, Nasonovia resistance, slow bolting, no tip burn and vigour. Breeder: Rijk Zwaan Lettuce Breeding department, De Lier, The Netherlands. Main selection criteria: *Bremia* resistance, multileaf trait, no tipburn The breeders used a modified line and pedigree selection method to select 'Cavernet' out of a cross between 'Nation' and a Rijk Zwaan breeding line with advanced resistance to *Bremia lactucae*. Breeder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	white
Seedling	anthocyanin colouration	present
Leaf	shape	transverse broad elliptic
Leaf	intensity of colour of outer leaves	dark
Leaf	anthocyanin colouration	present
Leaf	intensity of anthocyanin coloration	strong
Leaf blade	depth of incisions on margin on apical part	shallow
Resistance to	downy mildew (<i>Bremia lactucae</i>) Isolate Bl 23	present
Resistance to	downy mildew (<i>Bremia lactucae</i>) Isolate Bl 24	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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‘Nation’

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Constance’	Resistance to <i>Nasonovia ribisnigri</i>	resistant	susceptible

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

Organ/Plant Part: Context	‘CAVERNET’	‘Nation’
<input type="checkbox"/> *Seed: colour	white	white
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	entire	entire
<input type="checkbox"/> *Plant: diameter	medium	medium to large
<input type="checkbox"/> *Plant: head formation	no head	open head
<input type="checkbox"/> Leaf: thickness	very thin to thin	medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: shape	transverse broad elliptic	transverse broad elliptic
<input type="checkbox"/> Leaf: tip of leaf blade	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	reddish	reddish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	dark	dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> Leaf: distribution of anthocyanin	localised	
<input type="checkbox"/> Leaf: kind of anthocyanin distribution	diffused only	diffused only
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> *Leaf: blistering	strong	medium to strong
<input type="checkbox"/> Leaf: size of blisters	very small to small	small
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	strong to very strong	strong
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	shallow	shallow
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	dense to very dense	dense
<input type="checkbox"/> Leaf blade: type of incisions on apical part (varieties with shallow	dentate	dentate

incisions on margin on apical part only)

<input type="checkbox"/>	Leaf blade: venation	flabellate	flabellate
<input type="checkbox"/>	Axillary: sprouting	absent or very weak	absent or very weak
<input type="checkbox"/>	Time of: harvest maturity	early to medium	
<input checked="" type="checkbox"/>	*Time of: beginning of bolting under long day conditions	very late	medium
<input checked="" type="checkbox"/>	Plant: fasciation	present	absent
<input type="checkbox"/>	Plant: intensity of fasciation	very weak to weak	
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 18	present	present
<input type="checkbox"/>	*Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 23	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 22	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 16	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 24	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 20	present	present
<input checked="" type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 21	present	absent
<input type="checkbox"/>	Resistance to: lettuce mosaic virus Strain Ls 1	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'CAVERNET'	'Nation'
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i>	present	present
<input checked="" type="checkbox"/> Resistance to downy mildew: Isolate B1 25	present	absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2007	Applied	'CAVERNET'
EU	2007	Applied	'CAVERNET'

First sold July 2007 in The Netherlands

Description: **Arie Baelde**, Rijk Zwaan Australia Pty Ltd, Daylesford, VIC

Details of Application

Application Number	2010/034
Variety Name	'Expedition'
Genus Species	<i>Lactuca savita</i>
Common Name	Lettuce
Synonym	Nil
Accepted Date	
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel BV, The Netherlands
Agent	Rijk Zwaan Australia Pty Ltd, Daylesford, VIC
Qualified Person	Arie Baelde

Details of Comparative Trial

Overseas Testing	Naktuinbouw/ The Netherlands
Authority	
Overseas Data	SLA2572 / TP/13/3 d.d. 21-03-07
Reference Number	
Location	Roelofarendsveen / The Netherlands
Descriptor	Lettuce (<i>Lactuca sativa</i>) TG/13/9
Period	2008-2009

Origin and Breeding

Controlled pollination: unnamed Rijk Zwaan Guadeloupe cross x unnamed RZ parent
 Main selection criteria: Bremia-resistance, deeply incised leaves, no tip burn. We used a modified line and pedigree selection method to select 'Expedition' out of a cross between Rijk Zwaan breeding lines with advanced resistance to *Bremia lactucae*.
 Breeder: Rijk Zwaan Zaadteelt en Zaadhandel B.V. The maternal parent is susceptible to Nr:0 and the pollen parent is susceptible to Isolate BI:26.

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 blade	depth of incisions on margin on apical part	Deep to very deep
Seed:	colour	white
Plant:	head formation	no head

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Explore'	

Varieties of Common Knowledge identified and subsequently excluded

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

‘Vivanto’ Leaf thickness medium thin

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

Organ/Plant Part: Context	‘Expedition’	‘Explore’
<input type="checkbox"/> *Seed: colour	white	white
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	
<input type="checkbox"/> Leaf blade: division	divided	
<input type="checkbox"/> *Plant: diameter	medium to large	medium
<input type="checkbox"/> *Plant: head formation	no head	no head
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	
<input type="checkbox"/> *Leaf: shape	transverse broad elliptic	transverse broad elliptic
<input type="checkbox"/> Leaf: tip of leaf blade	rounded	
<input checked="" type="checkbox"/> *Leaf: hue of green colour of outer leaves	absent	yellowish green
<input checked="" type="checkbox"/> *Leaf: intensity of colour of outer leaves	dark	medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	weak	
<input type="checkbox"/> *Leaf: blistering	absent or very weak	absent or very weak
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	medium to strong	medium to strong
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	deep	deep to very deep
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak to weak	
<input type="checkbox"/> Time of: harvest maturity	medium to late	medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	very late
<input type="checkbox"/> Plant: fasciation	present	
<input type="checkbox"/> Plant: intensity of fasciation	medium	
<input type="checkbox"/> Resistance to: downy mildew (Bremia lactucae) Isolate B1 21	present	present
<input type="checkbox"/> Resistance to: downy mildew (Bremia lactucae) Isolate B1 18	present	present
<input type="checkbox"/> Resistance to: downy mildew (Bremia lactucae) Isolate B1 17	present	present

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Expedition'	'Explore'
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i>	present	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2009	Applied	'Expedition'
EU	2009	Applied	'Expedition'

First sold in New Zealand February 2009 First sold in Australia March 2009

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

Details of Application

Application Number	2010/100
Variety Name	'SolarEclipse'
Genus Species	<i>Philotheca buxifolia</i>
Common Name	Long Leaved Waxflower
Synonym	Nil
Accepted Date	22 Jun 2010
Applicant	Robert Harrison, Tynong, VIC
Agent	Touch of Class Plants P/L, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Tynong, VIC
Descriptor	Philotheca (<i>Philotheca</i>) PBR PHIL.
Period	Autumn – summer 2010.
Conditions	Plants were grown in 20cm pots in a covered polyhouse with no walls in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
Trial Design	10 plants in block design.
Measurements	Leaf measurements taken from middle third of stem.
RHS Chart - edition	Fifth edition.

Origin and Breeding

Spontaneous mutation: the candidate was selected from a mutation from a plant of *Philotheca* 'Cascade of Stars' that showed variegated foliage. Cuttings were taken from this mutation and grown on to determine distinctness, uniformity and stability. Breeder: Robert Harrison Tynong, VIC.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	bushy
Plant	height	very short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cascade of Stars'	Parent plant and closest known 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	'SolarEclipse'	'Cascade of Stars'
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input type="checkbox"/> Plant: height	very short (30cm)	very short (30cm)
<input type="checkbox"/> Plant: width	medium	medium
<input type="checkbox"/> Plant: density	medium	medium
<input type="checkbox"/> Stem: length of internode	short	short
<input checked="" type="checkbox"/> Young leaf: variegation	present	absent

<input type="checkbox"/>	Young leaf: main colour of upper side (RHS Colour Chart)	green 138A	green 137A
<input checked="" type="checkbox"/>	Young leaf: secondary colour of upper side (RHS Colour Chart)	yellow green 145A	nil
<input type="checkbox"/>	Leaf: length	very short to short	very short to short
<input type="checkbox"/>	Leaf: width at broadest part	narrow	narrow
<input checked="" type="checkbox"/>	Leaf: variegation	present	absent
<input type="checkbox"/>	Leaf: main colour of upper side (RHS Colour Chart)	green 138A	green 137A
<input checked="" type="checkbox"/>	Leaf: secondary colour of upper side (RHS Colour Chart)	yellow-green 150B	nil
<input type="checkbox"/>	Leaf: shape	elliptical	elliptical
<input type="checkbox"/>	Leaf: shape of apex	acute	acute
<input type="checkbox"/>	Leaf blade: shape of tip	smooth	smooth
<input type="checkbox"/>	Leaf: shape in cross section	flat	flat
<input type="checkbox"/>	Leaf: undulation of margin	absent or weak	absent or weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘SolarEclipse’	‘Cascade of Stars’
<input type="checkbox"/> Leaf: shape of base	rounded	rounded

Prior Applications and Sales

Nil.

Description: Mr Mark Langhusan, 1975 South Gippsland Highway, Cranbourne, VIC

Details of Application

Application Number	2006/050
Variety Name	'MelpenGL'
Genus Species	<i>Melaleuca nesophila</i>
Common Name	Mindiyed
Synonym	
Accepted Date	22 Sep 2006
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway, Muchea, WA
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Jan 2010-Aug 2010
Conditions	Potted into 250mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Observations were made on all plants. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection in May 2004 of atypical fastigate (narrow erect) form from within a nursery population (seedlings) of the species at Muchea, WA. Breeder: George Lullfitz, Wanneroo, WA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Stem	presence of hairs	absent
Leaf	shape	obovate
Leaf	shape of apex	mucronate
Leaf	shape of base	cuneate
Leaf	presence of variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Little Nessie'	'Little Nessie' is the only named variety of the species and therefore is the nearest VCK.

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

Organ/Plant Part: Context	‘MelpenGL’	‘Little Nessie’
<input type="checkbox"/> Plant: type	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	narrow erect	bushy
<input checked="" type="checkbox"/> Plant: height	medium to tall	very short
<input checked="" type="checkbox"/> Plant: width	very narrow to narrow	medium
<input type="checkbox"/> Stem: presence of hairs	absent	absent
<input type="checkbox"/> Young shoot: anthocyanin colouration	weak	weak
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input checked="" type="checkbox"/> Leaf: size	medium	very small to small
<input type="checkbox"/> Leaf: attitude	erect	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input checked="" type="checkbox"/> Leaf: length of blade	medium	short
<input checked="" type="checkbox"/> Leaf: width of blade	medium	narrow
<input type="checkbox"/> Leaf: length of petiole	very short	very short
<input type="checkbox"/> Leaf: shape	obovate	obovate
<input type="checkbox"/> Leaf: shape of apex	mucronate	mucronate
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: shape of cross-section	flat	flat
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> Leaf: green colour	very light to light	very light to light
<input type="checkbox"/> Leaf: presence of variegation	absent	absent

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/263
Variety Name	'Inferno'
Genus Species	<i>Coprosma repens</i>
Common Name	Mirror Bush
Synonym	Nil
Accepted Date	30 Nov 2010
Applicant	Peter Fraser, Waikato, NZ
Agent	Touch of Class Plants Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

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

Origin and Breeding

Spontaneous mutation: a mutation was observed on a plant of *Coprosma* 'Evening Glow' that had a distinct leaf colour. Cuttings were taken from this mutation and grown on to determine uniformity and stability.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	density	medium
Young leaf	number of colours on upper side	three or more
Leaf	variegation	present
Leaf	secondary colour	green/pink/red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tequila Sunrise'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Golden Glow'	Leaf secondary colour	green/pink/red	brown/orange
'Evening Glow'	Leaf secondary colour	green/pink/red	green/orange

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

Organ/Plant Part: Context	'Inferno'	'Tequila Sunrise'
<input checked="" type="checkbox"/> Plant: growth habit	upright	bushy

<input checked="" type="checkbox"/>	Plant: height	medium	very short to short
<input checked="" type="checkbox"/>	Plant: width	narrow	medium
<input type="checkbox"/>	Plant: density	medium	medium
<input type="checkbox"/>	Young leaf: number of colours on upper side	three or more	three or more
<input type="checkbox"/>	Young leaf: main colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	green N137A	green 137B
<input checked="" type="checkbox"/>	Young leaf: secondary colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	yellow 3A	yellow-green 151B
<input type="checkbox"/>	Young leaf: distribution of secondary colour on upper side	mainly in margin zone	mainly in margin zone
<input type="checkbox"/>	Young leaf: tertiary colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	orange-red 33A	orange-red 34A
<input type="checkbox"/>	Leaf: length of blade	short	short
<input type="checkbox"/>	Leaf: width at broadest part	medium	medium
<input checked="" type="checkbox"/>	Leaf: number of colours on upper side	two	three or more
<input checked="" type="checkbox"/>	Leaf: main colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	green 139A	green 137C
<input checked="" type="checkbox"/>	Leaf: secondary colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	red 42A-B	orange-red 34A
<input type="checkbox"/>	Leaf: distribution of secondary colour on upper side	mainly in margin zone	mainly in margin zone
<input type="checkbox"/>	Leaf: shape of blade	oblong	oblong
<input type="checkbox"/>	Leaf: shape of apex	acute	acute
<input type="checkbox"/>	Leaf: shape of base	obtuse	obtuse
<input checked="" type="checkbox"/>	Leaf: glossiness	very weak	weak to medium
<input type="checkbox"/>	Leaf: undulation of margin	medium to strong	medium to strong
<input type="checkbox"/>	Leaf: twisting around longitudinal axis	medium	medium

Statistical Table

Organ/Plant Part: Context	‘Inferno’	‘Tequila Sunrise’
<input checked="" type="checkbox"/> Petiole: length (mm)		
Mean	45.70	22.20
Std. Deviation	3.74	2.78
LSD/sig	19.19	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2009	Applied	‘Inferno’
First sold in NZ in March 2010.			

Description: Mr Mark Langhusan, 1975 South Gippsland Highway, Cranbourne, VIC

Details of Application

Application Number	2009/128
Variety Name	'Honey May'
Genus Species	<i>Prunus persica</i> var. <i>nucipersica</i>
Common Name	Nectarine
Synonym	
Accepted Date	09 Nov 2009
Applicant	Zaiger's Inc. Genetics, California, USA
Agent	Graham's Factree Pty Ltd, Hoddles Creek, VIC
Qualified Person	Lisa Corcoran

Details of Comparative Trial

Overseas Testing	U.S Patent and Trade Marks Office.
Authority	
Overseas Data	PP19,363
Reference Number	
Location	
Descriptor	Peach / Nectarine (<i>Prunus persica</i>) TG/53/6
Period	
Conditions	Where possible the overseas data was verified under local conditions. The US Plant Patent data was converted into standard UPOV characteristics for nectarine.

Origin and Breeding

Controlled pollination: '212LK80' x '7LL208' A large number of seedlings from this first generation cross were grown on their own roots and later budded to Nemaguard rootstock trees to accelerate fruit production. After close observation the present variety was selected for asexual propagation and commercialisation based on its desirable fruiting characteristics. Breeder: Zaiger's Inc. Genetics, Modesto, CA, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	size	large
Flower	type	showy
Fruit	hue of over colour	medium red
Fruit	pattern of over colour	solid flush
Stone	adherence to flesh	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Zee Fire'	'Zee Fire' does not have a sub acid flavour and is later in maturity compared to 'Honey May'.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Variety	Comments
'April Glo'	Fruit time of maturity	very early	early	'April Glo' matures approximately 15 days after 'Honey May'.

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

Organ/Plant Part: Context	'Honey May'	'Zee Fire'
<input type="checkbox"/> *Tree: size	large	large
<input type="checkbox"/> Tree: vigour	medium	medium
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> *Flower: type	showy	showy
<input type="checkbox"/> *Petal: shape	round	round
<input type="checkbox"/> *Petal: size	large	large
<input type="checkbox"/> *Petals: number	five	five
<input checked="" type="checkbox"/> *Stigma: position	same level	above
<input type="checkbox"/> *Anthers: pollen	present	present
<input type="checkbox"/> *Ovary: pubescence	absent	absent
<input type="checkbox"/> *Leaf blade: length	long	medium to long
<input type="checkbox"/> *Leaf blade: width	broad	medium to broad
<input type="checkbox"/> *Petiole: nectaries	present	present
<input type="checkbox"/> *Petiole: shape of nectaries	reniform	reniform
<input type="checkbox"/> Petiole: predominant number of nectaries	two	two
<input checked="" type="checkbox"/> *Fruit: size	large	medium
<input type="checkbox"/> *Fruit: shape	round	round
<input type="checkbox"/> *Fruit: shape of pistil end	flat	
<input type="checkbox"/> *Fruit: ground colour	orange yellow	yellow
<input type="checkbox"/> Fruit: over colour	present	present
<input type="checkbox"/> Fruit: hue of over colour	medium red	medium red
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush	solid flush
<input type="checkbox"/> *Fruit: extent of over colour	very large	very large
<input type="checkbox"/> *Fruit: pubescence	absent	absent
<input type="checkbox"/> Fruit: thickness of skin	medium	medium
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> *Fruit: ground colour of flesh	yellow	yellow
<input type="checkbox"/> *Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	
<input type="checkbox"/> *Fruit: anthocyanin colouration of flesh	absent or very weakly expressed	
<input type="checkbox"/> *Fruit: anthocyanin colouration around stone	absent or very weakly expressed	

<input type="checkbox"/>	Fruit: texture of the flesh	fibrous	
<input checked="" type="checkbox"/>	Fruit: sweetness	medium to high	low
<input checked="" type="checkbox"/>	Fruit: acidity	low	medium
<input type="checkbox"/>	*Stone: shape	elliptic	elliptic
<input type="checkbox"/>	*Stone: adherence to flesh	present	present
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	very early	early
<input type="checkbox"/>	*Duration of: flowering	medium	medium to long
<input checked="" type="checkbox"/>	*Time of: maturity	very early	early

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2006	Granted	'Honey May'

First sold in USA in October 2008

Description: **Lisa Corcora**, Grahams's Factree, Hoddles Creek, VIC

Details of Application

Application Number	2006/052
Variety Name	'CalflatGL'
Genus Species	<i>Calothamnus quadrifidus</i>
Common Name	One sided bottlebrush
Synonym	
Accepted Date	22 Sep 2006
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway Muchea WA
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Sep 2006 – Aug 2010
Conditions	Comparative material was planted into the ground in full sun. Soil is a mixture of laterite and sand located in the northern end of the Darling range. It is irrigated by drippers. The conditions subjected to the trial cover all seasons over a four year period.
Trial Design	Plants were planted into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Observations were made on all plants. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: During 2004 at Cheyne Bay in Western Australia, an atypical dense low growing almost prostrate form from within a population of the species near Esperance, WA. The plant was grown from cuttings and has displayed the characteristics it was selected for without variation in all generations. Breeder: George Lullfitz, Wanneroo, WA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Stem	degree of hairiness	low
Stem	presence of anthocyanin in new growth	absent
Leaf	shape	linear
Leaf	shape of apex	mucronate
Leaf	shape of base	attenuate
Flower	primary colour	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Emerald Carpet'	This is the only prostrate or low growing 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	‘CalflatGL’	‘Emerald Carpet’
<input type="checkbox"/> Plant: type	shrub	shrub
<input checked="" type="checkbox"/> Plant: growth habit	spreading	creeping
<input checked="" type="checkbox"/> Plant: height	short	very short
<input type="checkbox"/> Plant: width	narrow to medium	broad
<input type="checkbox"/> Stem: degree of hairiness	low	low
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	absent
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: attitude	erect	horizontal
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input checked="" type="checkbox"/> Leaf: length of blade	short	long
<input type="checkbox"/> Leaf: width of blade	broad	medium
<input type="checkbox"/> Leaf: shape	linear	linear
<input type="checkbox"/> Leaf: shape of apex	mucronate	mucronate
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	187A	187A

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘CalflatGL’	‘Emerald Carpet’
<input type="checkbox"/> Flower: primary colour	red	red
<input checked="" type="checkbox"/> Flower: base colour at opening	yellow	red

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/191
Variety Name	'FerrupenGL'
Genus Species	<i>Pimelea ferruginea</i>
Common Name	Pimelea
Synonym	
Accepted Date	11 Oct 2010
Applicant	George A Lullfitz ,Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway Muchea WA
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Jan 2010 – Aug 2010
Conditions	Potted into 250mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50km north of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

In Sep 2004 a selection of an atypical fastigate growing form from within a population of the species near Cervantes in WA. Between Nov 2004 and Jan 2010 several generations have been grown and propagated by cuttings. In Jan 2010 cuttings were taken for final comparative trial. In Apr 2010 the trial was planted for final comparison. The variety 'FerrupenGL' demonstrates the characters for which it was selected. All generations were uniform and stable with no off types being observed. Breeder: George Lullfitz, Wanneroo, WA

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	Pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Shell Pink'	There are no narrow fastigate varieties of this species. 'Shell Pink' was selected as its flower colour most closely matches the candidate variety.

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

Organ/Plant Part: Context	'FerrupenGL'	'Shell Pink'
<input type="checkbox"/> Plant: type	shrub	shrub

<input checked="" type="checkbox"/>	Plant: growth habit	narrow erect	spreading
<input checked="" type="checkbox"/>	Plant: height	tall	medium
<input checked="" type="checkbox"/>	Plant: width	very narrow	medium
<input type="checkbox"/>	Stem: thorns, prickles, spines etc	absent	absent
<input type="checkbox"/>	Stem: presence of hairs	absent	absent
<input type="checkbox"/>	Young shoot: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/>	Leaf: leaf type	simple	simple
<input checked="" type="checkbox"/>	Leaf: size	large	medium
<input checked="" type="checkbox"/>	Leaf: attitude	semi-erect	horizontal
<input type="checkbox"/>	Leaf: arrangement	opposite and decussate	opposite and decussate
<input type="checkbox"/>	Leaf: length of blade	long	medium
<input type="checkbox"/>	Leaf: width of blade	broad	medium
<input type="checkbox"/>	Leaf: shape	elliptic	elliptic
<input type="checkbox"/>	Leaf: shape of apex	acute	acute
<input type="checkbox"/>	Leaf: shape of base	obtuse	obtuse
<input type="checkbox"/>	Leaf: incision of margin	absent	absent
<input type="checkbox"/>	Leaf: shape of cross-section	concave	concave
<input type="checkbox"/>	Leaf: curvature of longitudinal axis	incurved	recurved
<input type="checkbox"/>	Leaf: glossiness of upper side	very strong	very strong
<input type="checkbox"/>	Leaf: green colour	dark	dark
<input type="checkbox"/>	Leaf: presence of variegation	absent	absent
<input type="checkbox"/>	Petal: predominant colour of upper side	pink	pink

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

	‘FerrupenGL’	‘Shell Pink’
<input checked="" type="checkbox"/> Stem: angle of branches off vertical axis	acute	obtuse

Prior Applications and Sales

Nil.

First sold in Australia 1 August 2010

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

Details of Application

Application Number	2010/217
Variety Name	'Sherpa'
Genus Species	<i>Oryza sativa</i>
Common Name	Rice
Synonym	YRM69
Accepted Date	13 Dec 2010
Applicant	Department of Industry and Investment for and on behalf of the State of New South Wales, Orange, NSW and Rural Industries Research and Development Corporation, Barton, Act and SunRice, Leeton, NSW
Agent	N/A
Qualified Person	Russell Reinke

Details of Comparative Trial

Location	Leeton Field Station, NSW
Descriptor	Rice (new) TG/16/8
Period	Oct 2010 – Apr 2011
Conditions	The trial was drill-sown into a prepared seed bed, into dry soil at Leeton Field Station on Oct 7, 2010 at the standard sowing rate of 150kg/ha. The trial received three irrigations at approximately weekly intervals to initiate germination and crop establishment. A uniform N application of 150kgN/ha was applied immediately prior to full irrigation on November 11, 2010.
Trial Design	The trial was designed as a randomised complete block with three replications.
Measurements	Samples were taken from the trial in Apr 1, 2011, including height from the soil surface to the panicle collar, and panicle length from the collar to the tip of the fully extended panicle. Anthesis date was recorded when 50% of the panicles had 50% of the anthers extruded from the florets. Measurements were taken on 20 samples per variety.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The breeding line YRM69 was derived from cross YC96032 made in 1996, using a selection from an unreplicated plot (YUE96_11:21) as the female parent and cultivar M103 as the male parent. The female parent was derived from a cross between YRM33 and HR5099-23-1-4-5, the former being Matumae/Dwarf Smooth Calrose. F1 seeds were sown in the glasshouse in early 1997, and an F2 population sown in the field at Leeton Field Station in October 1997 (YFA98 1:105). Panicles were selected from the F2 population and underwent mandatory culls on brown rice quality, including grain size and shape, and maturity. Selected panicles were sown as F3 pedigree rows in Oct 1998 (YSA99 13:39). An additional cycle of panicle selection and culls on brown grain quality resulted in 67 panicles being sown the subsequent season for seed increase (YSD00 4:98). One of the sixteen short rows harvested was visually scored for quality parameters. Seed from row YSD00 4:98 (generation 3:1) was bulk harvested (YC 96032-1-43) and entered unreplicated field testing the following season as YUE01B

11:15. YRM69 entered replicated trials as YRE02_V:66 (generation 3:3). Bulk seed from this trial was tested as YRE03_V:10 (generation 3:4), and was also entered into district trial evaluation. In the 2003/04 season it was tested as YRE04_V:13 (generation 3:5) and was also sown in a bulk area at Rice Research Australia Pty Ltd (RRAPL). The seed was tested as YRE05_V:08 (generation 3:6), with long-row material also progressing at Leeton Field Station. The seed was tested in 2005/2006 as YRE06_V:08, in 2006/07 as YRE07_V:03, in 2007/08 as YRE08_V:03 and in 2008/2009 as YRE09_V:06. A pure seed program was initiated from the unreplicated plot YUE01B_11:15 (generation 3:2) for YRM69. Fifteen head selections from this plot were grown as panicle rows the subsequent season (YSD02_10:78 to YSD02_10:67), from which the 5 harvest rows were expedited as long rows in 2002/03 and progressed through a conventional pure-seed multiplication scheme.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	anthocyanin colouration of auricle	absent
Time of	heading	early
Stem	length	medium
Decorticated grain	length	medium
Decorticated grain	colour	white
Decorticated grain	aroma	absent or very weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Quest'	Most similar in maturity and grain size.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Amaroo'	Floret anthesis	early	late	'Amaroo' is 10-14 days later to anthesis.
'Jarrah'	Decorticated colour grain	white	light brown	

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

Organ/Plant Part: Context	‘Sherpa’	‘Quest’
<input type="checkbox"/> Leaf sheath: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf sheath: intensity of anthocyanin colouration	very weak	
<input type="checkbox"/> Leaf blade: pubescence of surface	absent or very weak	absent or very weak
<input type="checkbox"/> *Leaf: anthocyanin colouration of auricles	absent	absent
<input type="checkbox"/> Leaf: anthocyanin colouration of collar	absent	absent
<input type="checkbox"/> Leaf: shape of ligule	cleft	cleft
<input type="checkbox"/> Leaf: colour of ligule	colourless	colourless
<input type="checkbox"/> Leaf blade: length	medium	medium
<input type="checkbox"/> Leaf blade: width	medium	medium
<input checked="" type="checkbox"/> *Flag leaf: attitude of blade (early observation)	erect	semi-erect
<input checked="" type="checkbox"/> *Flag leaf: attitude of blade (late observation)	erect	semi-erect
<input type="checkbox"/> Culm: habit	semi-erect	semi-erect
<input type="checkbox"/> *Time of: heading	early	early
<input type="checkbox"/> Male: sterility	absent	absent
<input type="checkbox"/> Lemma: anthocyanin colouration of keel (early observation)	absent or very weak	absent or very weak
<input type="checkbox"/> Lemma: anthocyanin colouration of area below apex (early observation)	absent or very weak	absent or very weak
<input type="checkbox"/> *Lemma: anthocyanin colouration of apex (early observation)	absent or very weak	absent or very weak
<input type="checkbox"/> *Spikelet: colour of stigma	white	white
<input type="checkbox"/> Stem: thickness	medium	medium
<input type="checkbox"/> *Stem: length	medium	medium
<input type="checkbox"/> *Stem: anthocyanin colouration of nodes	absent	absent
<input type="checkbox"/> Panicle: number per plant	medium	medium
<input type="checkbox"/> Panicle: awns	present	present
<input type="checkbox"/> Panicle: colour of awns (early observation)	light gold	light gold
<input type="checkbox"/> *Panicle: distribution of awns	tip only	tip only
<input type="checkbox"/> Panicle: length of longest awns	very short	very short
<input type="checkbox"/> *Spikelet: pubescence of lemma	absent or very weak	absent or very weak
<input type="checkbox"/> Spikelet: colour of tip of lemma	white	white
<input type="checkbox"/> Panicle: colour of awns (late observation)	light gold	light gold

<input type="checkbox"/> *Panicle: attitude in relation to stem	slightly drooping	slightly drooping
<input type="checkbox"/> Panicle: presence of secondary branching	present	present
<input type="checkbox"/> Panicle: type of secondary branching	type 1	type 1
<input type="checkbox"/> *Panicle: attitude of branches	semi-erect	semi-erect
<input type="checkbox"/> Panicle: exertion	well exerted	well exerted
<input type="checkbox"/> Time of: maturity	early	early
<input type="checkbox"/> Leaf: time of senescence	late	late
<input type="checkbox"/> Lemma: colour	light gold	light gold
<input type="checkbox"/> Lemma: ornamentation	absent	absent
<input type="checkbox"/> Lemma: anthocyanin colouration of keel (late observation)	absent or very weak	absent or very weak
<input type="checkbox"/> Lemma: anthocyanin colouration of area below apex (late observation)	absent or very weak	absent or very weak
<input type="checkbox"/> Lemma: anthocyanin colouration of apex (late observation)	absent or very weak	absent or very weak
<input type="checkbox"/> Glume: length	medium	medium
<input type="checkbox"/> Glume: colour	straw	straw
<input type="checkbox"/> *Decorticated grain: length	medium	medium to long
<input type="checkbox"/> Decorticated grain: width	medium	medium
<input type="checkbox"/> *Decorticated grain: shape (in lateral view)	half-spindle-shaped	half-spindle-shaped
<input type="checkbox"/> *Decorticated grain: colour	white	white
<input type="checkbox"/> Endosperm: type	non-glutinous	non-glutinous
<input type="checkbox"/> Endosperm: content of amylose	state 4	state 4
<input type="checkbox"/> *Decorticated grain: aroma	absent or very weak	absent or very weak

Statistical Table

Organ/Plant Part: Context	'Sherpa'	'Quest'
<input type="checkbox"/> Seed: weight of 1000 (g)		
Mean	24.47	26.67
Std. Deviation	2.14	2.24
LSD/sig	4.49	ns
<input type="checkbox"/> Stem: length (cm)		
Mean	67.30	70.10
Std. Deviation	3.16	4.27
LSD/sig	6.63	ns
<input type="checkbox"/> Panicle: length (cm)		
Mean	18.20	19.10
Std. Deviation	1.29	1.29

LSD/sig	2.71	ns
<input type="checkbox"/> Seed: length, rough rice (mm)		
Mean	8.09	8.43
Std. Deviation	0.41	0.42
LSD/sig	0.85	ns
<input type="checkbox"/> Seed: length, brown rice (mm)		
Mean	5.78	6.30
Std. Deviation	0.28	0.32
LSD/sig	0.59	ns
<input type="checkbox"/> Seed: width, rough rice (mm)		
Mean	3.36	3.45
Std. Deviation	0.35	0.18
LSD/sig	0.74	ns
<input type="checkbox"/> Seed: width, brown rice (mm)		
Mean	2.88	3.01
Std. Deviation	0.13	0.15
LSD/sig	0.27	ns

Prior Applications and Sales

Nil.

First sold in

Description: **Russell Reinke**

Details of Application

Application Number	2009/290
Variety Name	'Grandizzarapap'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	09 Apr 2010
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, 145°20' East, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2010
Conditions	The trial was conducted on an enclosed unheated greenhouse with ventilation. The temperature leading up to the trial ranged between 20-30°C with high humidity (98-100%) for the three days (and including) leading up to the examination that had caused the fungus disease, botrytis to effect some of the flowers to a limited degree (spotting and browning). Nutrition was maintained as part of a hydroponic system, used for the commercial production of cut flower roses. Pest and diseases were controlled by the use of an integrated pest management regime, with chemical spraying used if necessary.
Trial Design	The trial was set on raised benches in 1.1 metre co-co peat rose grow bags with 7 plants per bag positioned side by side (Candidate in one bag, comparator in the other) separated by approximately 10cm.
Measurements	Measurements taken at random.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: 'Grandizzarapap' is the resultant seedling from a cross between two code varieties bred by Harry Schreuders at his property in Skye, VIC Australia in 2005 between Aug and Oct. The seedling was selected from a population of approximately 40,000 seedlings due to flower colour and separated from the seedling bed and planted into a co-co's slab. Eight plants were propagated from the initial seedling as cuttings. From these plants twenty more cuttings were taken after selection for growth habit. From this selection cuttings were made and a row of 360 plants were planted to test for flower production. From this selection the variety was chosen to be planted into a commercial trial All work was either carried out or was under the supervision of Mr Harry Schreuders.

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	type	double
Flower	colour group	pink
Flower	density of petals	loose
Flower	diameter	large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Grandehcanap'	

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

Organ/Plant Part: Context	'Grandizzarapap'	'Grandehcanap'
<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	very tall	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	strong
<input checked="" type="checkbox"/> Stem: number of prickles	many	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	medium	weak
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	strong	weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	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 checked="" type="checkbox"/> Flowering shoot: flowering laterals	absent	present
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	few to medium	
<input type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium to many	medium to many
<input type="checkbox"/> *Flower: colour group	pink	pink
<input type="checkbox"/> Flower: colour of the centre	pink	pink
<input type="checkbox"/> Flower: density of petals	loose	loose
<input type="checkbox"/> *Flower: diameter	large	large

<input type="checkbox"/>	*Flower: shape	irregularly rounded	star-shaped
<input type="checkbox"/>	Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/>	*Flower: profile of lower part	convex	flattened convex
<input type="checkbox"/>	Flower: fragrance	absent or weak	absent or weak
<input checked="" type="checkbox"/>	*Sepal: extensions	very 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	very weak to weak	absent or very weak
<input checked="" type="checkbox"/>	Petal: reflexing of margin	very weak to weak	strong
<input checked="" type="checkbox"/>	Petal: undulation	medium	very weak to weak
<input checked="" type="checkbox"/>	*Petal: size	very large	large
<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	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	68B	N66D
<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 to medium
<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)	68A	N66D
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	pink	white
<input type="checkbox"/>	Seed vessel: size	small	small
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	funnel-shaped

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

	'Grandizzarapap'	'Grandehcanap'
<input type="checkbox"/> Young stem: anthocyanin colouration	present	present

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/159
Variety Name	'GRA6971'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	17 Aug 2010
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, 145°20' East, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2010
Conditions	The trial was conducted on an enclosed heated greenhouse with ventilation. The temperature leading up to the trial ranged between 20-30°C with high humidity(98-100%) for the three days leading up to (and including) the examination that had caused the fungus disease, botrytis to effect some of the flowers to a limited degree (spotting and browning. Nutrition was maintained as part of a hydroponic system, used for the commercial production of cut flower roses. Pest and diseases were controlled by the use of an integrated pest management regime, with chemical spraying used if necessary.
Trial Design	The trial was set on raised benches of 52 pots (330cm) with 3 plants per pot in a media of loose co-co peat (50% coarse, 50% standard) in single rows separated by 8 rows of other rose varieties.
Measurements	Measurements were taken at random within the first 3 metres at the southern end of each row.
RHS Chart - edition	2007.

Origin and Breeding

Controlled pollination: 'GRA6971' is the resultant seedling from a cross between two code varieties bred by Harry Schreuders at his property in Skye, VIC Australia in 2006 between Jul and Nov. The seedling was selected from a population of approximately 20,000 seedlings due to flower colour and separated from the seedling bed and planted into a co-co peat slab. Eight plants were propagated from the initial seedling as cuttings. From these plants twenty more cuttings were taken after selection for growth habit. From this selection cuttings were made and a row of 360 plants were planted to test for flower production. From this selection the variety was chosen to be planted into a commercial trial All work was either carried out or was under the supervision of Mr Harry Schreuders.

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	number of petals	many
Flower	colour group	white
Flower	density of petals	loose to medium
Flower	diameter	large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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‘Lexani’

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

Organ/Plant Part: Context	‘GRA6971’	‘Lexani’
<input type="checkbox"/> *Plant: growth type	bed	bed
<input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	semi 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	medium to strong	medium to strong
<input checked="" type="checkbox"/> Stem: number of prickles	medium	few
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	very large	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	medium	medium
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	medium to strong	weak to 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	absent	absent
<input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	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	white or near white	white or near white

<input type="checkbox"/>	Flower: density of petals	loose to medium	loose to medium
<input type="checkbox"/>	*Flower: diameter	large	large
<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/>	Flower: profile of upper part	flat	flattened convex
<input type="checkbox"/>	*Flower: profile of lower part	flattened convex	flat
<input checked="" type="checkbox"/>	Flower: fragrance	medium	absent or weak
<input checked="" type="checkbox"/>	*Sepal: extensions	very strong	medium
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/>	*Petal: shape	obovate	rounded
<input type="checkbox"/>	Petal: incisions	weak	very weak to weak
<input checked="" type="checkbox"/>	Petal: reflexing of margin	very weak to weak	strong
<input type="checkbox"/>	Petal: undulation	weak	weak
<input type="checkbox"/>	*Petal: size	large	large
<input checked="" type="checkbox"/>	*Petal: length	long	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	even
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	155C	155C
<input checked="" type="checkbox"/>	*Petal: basal spot on the inner side	absent	present
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	155C	155C
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	white	light yellow
<input checked="" type="checkbox"/>	Seed vessel: size	large	medium
<input type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	funnel-shaped

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘GRA6971’	‘Lexani’
<input type="checkbox"/> Young stem: anthocyanin colouration	absent	absent

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2009/288
Variety Name	'Grandollemarac'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	09 Apr 2010
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, 145°20' East, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2010
Conditions	The trial was conducted on an enclosed unheated greenhouse with ventilation. The temperature leading up to the trial ranged between 20-30°C with high humidity (98-100%) for the three days (and including) leading up to the examination that had caused the fungus disease, botrytis to effect some of the flowers to a limited degree (spotting and browning). Nutrition was maintained as part of a hydroponic system, used for the commercial production of cut flower roses. Pest and diseases were controlled by the use of integrated pest management regime, with chemical spraying used if necessary.
Trial Design	The trial was set on raised benches in 1.1 metre co-co peat rose grow bags with 7 plants per bag positioned side by side (candidate in one bag, comparator in the other) separated by approximately 10cm.
Measurements	Measurements were taken at random.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: 'Grandollemarac' is the resultant seedling from a cross between two code varieties bred by Harry Schreuders at his property in Skye, VIC Australia in 2004 between Aug and Oct. The seedling was selected from a population of approximately 35,000 seedlings due to flower colour and separated from the seedling bed and planted into a co-co's slab. Eight plants were propagated from the initial seedling as cuttings. From these plants twenty more cuttings were taken after selection for growth habit. From this selection cuttings were made and a row of 360 plants were planted to test for flower production. A further planting of 720 plants were made to establish marketability. From this selection the variety was chosen to be planted into a commercial trial. All work was either carried out or was under the supervision of Mr Harry Schreuders.

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	type	double
Flower	colour	yellow to browned yellow
Flower	diameter	large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Sungosov’	This variety was selected as the most similar variety of common knowledge due to its flower colour that just prior to the bud opening has the same browned characteristic as the candidate, although it becomes more yellow on opening.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Briyell’ Flower	colour just prior to bud opening	browned yellow	yellow

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

Organ/Plant Part: Context	‘Grandollemarac’	‘Sungosov’
<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 to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> Stem: number of prickles	medium to many	medium to many
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	medium	medium
<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	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	very few	very few

(varieties with flowering laterals only)

<input type="checkbox"/>	Flower bud: shape in longitudinal section	medium ovate	medium ovate
<input type="checkbox"/>	*Flower: type	double	double
<input type="checkbox"/>	*Flower: number of petals	many	medium to many
<input type="checkbox"/>	*Flower: colour group	yellow	yellow
<input type="checkbox"/>	Flower: density of petals	medium	medium
<input type="checkbox"/>	*Flower: diameter	large	large
<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/>	Flower: profile of upper part	convex	flattened convex
<input type="checkbox"/>	*Flower: profile of lower part	flat	flat
<input type="checkbox"/>	Flower: fragrance	medium	medium
<input checked="" type="checkbox"/>	*Sepal: extensions	strong to very strong	medium to strong
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/>	*Petal: shape	rounded	obovate
<input checked="" type="checkbox"/>	Petal: incisions	weak	absent or very weak
<input checked="" type="checkbox"/>	Petal: reflexing of margin	strong	very strong
<input type="checkbox"/>	Petal: undulation	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	*Petal: size	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 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)	162D	11A
<input checked="" type="checkbox"/>	*Petal: basal spot on the inner side	present	absent
<input type="checkbox"/>	*Petal: size of basal spot on inner side	medium	
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	162C	11B
<input type="checkbox"/>	Outer stamen: predominant colour of filament	light yellow	medium yellow
<input checked="" type="checkbox"/>	Seed vessel: size	large	medium
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

Characteristics Additional to the Descriptor/TG**Organ/Plant Part: Context**

	'Grandakerue'	'Ruia06671'
<input checked="" type="checkbox"/> Flower: colour of the centre	brown	yellow
<input type="checkbox"/> Young stem: anthocyanin colouration	absent	absent

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2009/289
Variety Name	'Grandakerue'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	09 Apr 2010
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, 145°20' East, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2010
Conditions	The trial was conducted on an enclosed unheated greenhouse with ventilation. The temperature leading up to the trial ranged between 20-30°C with high humidity (98-100%) for the three days (and including) leading up to the examination that had caused the fungus disease, botrytis to effect some of the flowers to a limited degree (spotting and browning). Nutrition was maintained as part of a hydroponic system, used for the commercial production of cut flower roses. Pest and diseases were controlled by the use of integrated pest management regime, with chemical spraying used if necessary.
Trial Design	The trial was set on raised benches in 1.1 metre co-co peat rose grow bags with 7 plants per bag positioned side by side (Candidate in one bag, comparator in the other) separated by approximately 10cm.
Measurements	Measurements taken at random.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: 'Grandakerue' is the resultant seedling from a cross between two code varieties bred by Harry Schreuders at his property in Skye, VIC Australia in 2004 between Aug and Oct. The seedling was selected from a population of approximately 35,000 seedlings due to its flower colour and separated from the seedling bed and planted into a co-co's slab. Eight plants were propagated from the initial seedling as cuttings. From these plants twenty more cuttings were taken after selection for growth habit. From this selection cuttings were made and a row of 360 plants were planted to test for flower production. A further planting of 720 plants were made to establish marketability. From this selection the variety was chosen to be planted into a commercial trial. All work was either carried out or was under the supervision of Mr Harry Schreuders.

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
Plant	height	medium
Flower	type	double
Flower	colour group	yellow
Flower	density of petals	loose to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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'Ruia06671'

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

Organ/Plant Part: Context	'Grandakerue'	'Ruia06671'
<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 to strong	medium to strong
<input type="checkbox"/> Stem: number of prickles	few to medium	few to medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	dark	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> *Leaflet: undulation of margin	medium	medium
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input 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 checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	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	medium to many	medium to many

<input type="checkbox"/>	*Flower: colour group	yellow	yellow
<input type="checkbox"/>	Flower: colour of the centre	yellow	yellow
<input type="checkbox"/>	Flower: density of petals	loose to medium	loose to medium
<input checked="" type="checkbox"/>	*Flower: diameter	large	medium
<input type="checkbox"/>	*Flower: shape	irregularly rounded	irregularly rounded
<input checked="" type="checkbox"/>	Flower: profile of upper part	convex	flattened convex
<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	very strong	very strong
<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	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	medium to strong	medium
<input type="checkbox"/>	Petal: undulation	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	*Petal: size	large	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	even
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	7B	7B
<input type="checkbox"/>	*Petal: basal spot on the inner side	absent	absent
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	8B	8B
<input type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	orange
<input type="checkbox"/>	Seed vessel: size	medium	medium
<input checked="" type="checkbox"/>	Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

	'Grandakerue'	'Ruia06671'
<input type="checkbox"/> Young stem: anthocyanin colouration	absent	absent

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2009/096
Variety Name	'Lexeprac'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	10 Jun 2009
Applicant	Evalesco, Kudelstaart, The Netharlands
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, 145°20' East, elevation 16m).
Descriptor	Rose (new) (<i>Rosa</i>) TG/11/8.
Period	2010
Conditions	The trial was conducted on an enclosed unheated greenhouse with ventilation. The temperature leading up to the trial ranged between 20-30°C with high humidity (98-100%) for the three days (and including) leading up to the examination that had caused the fungus disease, botrytis to effect some of the flowers to a limited degree (spotting and browning). Nutrition was maintained as part of a hydroponic system, used for the commercial production of cut flower roses. Pest and diseases were controlled by the use of an integrated pest management regime, with chemical spraying used if necessary.
Trial Design	The trial was set on raised benches in 1.1 metre co-co peat rose grow bags with 7 plants per bag positioned side by side (Candidate in one bag, comparator in the other) separated by approximately 10cm.
Measurements	Measurements were taken at random.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: 'Lexeprac' was the resultant seedling from a cross between 'Lexora' (seed parent) and 'Schretulp' (pollen parent) on 12 Mar 2002 by Alexander Jozef Voorn in Kudelstaart, The Netherlands. The seedling was selected in a population and propagated each year from the previous generation, increasing in plant populations as the new variety showed promising characteristics as a commercial cut flower variety. All selection work was done by or under the supervision of Alexander Jozef Voorn.

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
Plant	height	medium to tall
Flower	type	double

Flower	number of petals	many
Flower	colour group	pink blend
Flower	diameter	large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Spebola'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Apricot nector'	Flower number of petals	many	few 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	'Lexepprac'	'Spebola'
<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 to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input type="checkbox"/> Young shoot: intensity of anthocyanin colouration	weak	weak to medium
<input checked="" type="checkbox"/> Stem: number of prickles	medium to many	few to medium
<input checked="" type="checkbox"/> Prickles: predominant colour	reddish	yellowish
<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 checked="" type="checkbox"/> *Leaf: glossiness of upper side	strong	weak
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	strong	weak to medium
<input type="checkbox"/> *Terminal leaflet: shape of blade	medium elliptic	ovate
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	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)	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	many

<input type="checkbox"/>	*Flower: colour group	pink blend	pink blend
<input checked="" type="checkbox"/>	Flower: colour of the centre	orange	pink
<input type="checkbox"/>	Flower: density of petals	medium to dense	medium to dense
<input type="checkbox"/>	*Flower: diameter	large	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	flattened convex	flattened convex
<input checked="" type="checkbox"/>	Flower: fragrance	medium	absent or weak
<input checked="" type="checkbox"/>	*Sepal: extensions	very strong	weak
<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/>	*Petal: shape	rounded	rounded
<input type="checkbox"/>	Petal: incisions	weak	weak
<input type="checkbox"/>	Petal: reflexing of margin	weak	weak
<input type="checkbox"/>	Petal: undulation	strong	weak to medium
<input type="checkbox"/>	*Petal: size	large	medium to large
<input type="checkbox"/>	*Petal: length	medium	medium
<input type="checkbox"/>	*Petal: width	medium	medium
<input checked="" type="checkbox"/>	*Petal: number of colours on inner side	two	one
<input type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	even
<input type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	36C	36C
<input type="checkbox"/>	*Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	19C	
<input type="checkbox"/>	*Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	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	medium
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	light yellow
<input type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	36B	36B
<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	funnel-shaped	funnel-shaped

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Lexepac’	‘Spebola’
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Young stem: anthocyanin colouration present absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2007	Granted	'Lexeprac'

First sold in the Netherlands in Oct 2007.

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

Details of Application

Application Number	2007/177
Variety Name	'Allyn-Citation'
Genus Species	<i>Dianella revoluta</i>
Common Name	Spreading Flax-Lily
Synonym	
Accepted Date	05 Sep 2007
Applicant	VF and NC Jupp, East Gresford, NSW
Agent	
Qualified Person	Noel Jupp

Details of Comparative Trial

Location	Riverdene Nurseries 80 Allyn River Road East Gresford NSW 2311
Descriptor	Dianella, PBR DIAN
Period	2009-2010
Conditions	Plants were propagated by division in spring of 2008 and planted into 140mm pots. Potting mix was a soilless mix fortified by slow release fertiliser. Fungicide & pesticides were applied as required. The trial was maintained for 2 years in an attempt to get the comparators to flower. The candidate flowers regularly in Oct – Nov each year.
Trial Design	Ten plants each of the selected variety and two comparators (30 plants) placed in a randomised design.
Measurements	Measurement of subject characteristic was undertaken by a single random selection from each of the trial subjects. This process was repeated for all subject characteristics.
RHS Chart - edition	1995

Origin and Breeding

Open pollination then by seedling selection based on flower colour and plant habit. *Dianella revoluta* Western Hunter Valley Ecotype. The parent is relatively tall with a long internode length and grey-green foliage colour with weak glaucosity, wide spreading rhizome. Selection took place at East Gresford in 2007. Selection criteria included distinct blue green leaf colour, dense compact growth, deep blue flowers. Propagation is by vegetative division and is uniform and stable. Breeder is Noel Jupp, East Gresford 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	density of shoots	medium to dense
Stem	length of internodes	short
Leaf	width	very narrow to narrow
Leaf	glaucosity of upperside	medium to strong
Leaf	shape of apex	subulate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'DR 5000'	Sold in trade under Little Rev trade mark
'DTN03'	Sold in trade under Baby Bliss trade mark

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
<i>Dianella revoluta</i>	Leaf	width	narrow	broad
<i>Dianella revoluta</i>	Plant	growth habit	compact	open
'Dinky Di'	Leaf	width	narrow	broad
'DR2006'	Leaf	width	narrow	broad
'LHC1'	Leaf	width	narrow	broad

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

Organ/Plant Part: Context	‘Allyn-Citation’	‘DTN03’	‘DR5000’
<input type="checkbox"/> Plant: growth habit	erect	erect	erect
<input type="checkbox"/> Plant: height	short to medium	short	short
<input type="checkbox"/> Plant: density of shoots	dense	dense	medium to dense
<input type="checkbox"/> Stem: length of internodes	short	short	short
<input type="checkbox"/> Leaf: attitude	erect	semi-erect	erect
<input checked="" type="checkbox"/> Leaf: arching	very weak	medium	very weak
<input checked="" type="checkbox"/> Leaf: length	medium	short	short to medium
<input checked="" type="checkbox"/> Leaf: width	very narrow to narrow	narrow	narrow
<input type="checkbox"/> Leaf: glaucosity of upper side	medium to strong	medium to strong	medium to strong
<input checked="" type="checkbox"/> Leaf: colour of upper side (waxiness removed) (RHS colour chart)	189A	147A	147A
<input checked="" type="checkbox"/> Leaf: colour of lower side (waxiness removed) (RHS colour chart)	189A	147A	147A
<input type="checkbox"/> Leaf: variegation	absent	absent	absent
<input type="checkbox"/> Leaf: secondary colour of upper side (variegated leaves only) (RHS colour chart)	N/A		
<input type="checkbox"/> Leaf: shape of blade	linear	linear	linear
<input type="checkbox"/> Leaf: cross-section	concave	concave	concave
<input type="checkbox"/> Leaf: spines on margin	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: spines on lower side of midrib	present	absent	absent
<input checked="" type="checkbox"/> Leaf: prominence of spines on lower side of midrib	medium to strong		
<input type="checkbox"/> Inflorescence: height in relation to foliage	above		
<input type="checkbox"/> Flower: colour of perianth (RHS colour chart)	104B	Did not flower in trial	Did not flower in trial
<input type="checkbox"/> Fruit: colour of mature fruit (RHS colour chart)	104B	Did not fruit in trial	Did not fruit in trial

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Allyn-Citation’	‘DTN03’	‘DR5000’
<input type="checkbox"/> Leaf: shape of apex	subulate	subulate	subulate

Statistical Table

Organ/Plant Part: Context	‘Allyn-Citation’	‘DTN03’	‘DR5000’
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<input checked="" type="checkbox"/> Leaf: length (cm)			
Mean	53.67	21.22	42.11
Std. Deviation	2.49	2.04	1.52
LSD/sig	2.836	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	7.03	5.67	8.00
Std. Deviation	0.05	0.75	0.94
LSD/sig	0.952	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: Noel Jupp, Riverdene Nurseries, East Gresford, NSW

Details of Application

Application Number	2009/197
Variety Name	'Ascot Rainbow'
Genus Species	<i>Euphorbia x martinii</i>
Common Name	Spurge
Synonym	Nil
Accepted Date	27 Oct 2009
Applicant	David Glenn, Ascot, VIC
Agent	Plants Management Australia Pty. Ltd., Dodge Ferry, TAS
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	Wonga Park, VIC
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Sep 2009 – Sep 2010
Conditions	Trial conducted in the open, plants propagated from cuttings during Sep 2009, transferred from tubes to 140mm pots in Jan 2010. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required.
Trial Design	Twelve pots of each variety in a completely randomised design.
Measurements	From 10 pots randomly selected.
RHS Chart - edition	1995

Origin and Breeding

Spontaneous mutation or sport: selected as an individual variegated branch on one of the breeder's tall selections of *Euphorbia x martinii* growing in his trial garden in 2005. The sport developed to a size where several cuttings could be taken. These plants were propagated and grown out in trial beds throughout 2006 to establish the final selection criteria of leaf variegation present, leaf marginal colour dark yellow and plant vigour strong. 'Ascot Rainbow' has since been propagated via cuttings for more than four generations all of which have been uniform and stable.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	presence of variegation	present
Leaf	position of variegation	marginal
Plant	growth habit	erect
Leaf	shape of base	attenuate
Leaf	undulation of margin	very weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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'Wilcott'	
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'Tasmanian Tiger'	
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Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.

Organ/Plant Part: Context	'Ascot Rainbow'	'Tasmanian Tiger'	'Wilcott'
<input type="checkbox"/> Plant: growth habit	erect	erect	erect
<input checked="" type="checkbox"/> Leaf: shape	oblanceolate	linear	oblanceolate
<input checked="" type="checkbox"/> Leaf: shape of apex	acute	acuminate	acute
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate	attenuate
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak	very weak
<input type="checkbox"/> Leaf: presence of variegation	present	present	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Ascot Rainbow'	'Tasmanian Tiger'	'Wilcott'
<input checked="" type="checkbox"/> Inflorescence: density of cyme	sparse to medium	dense to very dense	medium
<input checked="" type="checkbox"/> Inflorescence: pedicel colour (RHS colour chart)	greyed-purple 183D	yellow-green 147D	yellow-green 147D
<input type="checkbox"/> Leaf: degree of anthocyanin colouration of newly expanded leaf	very weak to weak	very weak	very weak
<input type="checkbox"/> Leaf: position of variegation	marginal	marginal	marginal
<input checked="" type="checkbox"/> Leaf: variegated area of mature leaf	11-30%	31-50%	1-10%
<input checked="" type="checkbox"/> Leaf: colour of central zone of mature leaf	grey-green 191A	grey-green 191A	green 138B
<input checked="" type="checkbox"/> Leaf: colour of marginal zone of mature leaf	yellow 13B	white 155A	white 155A
<input checked="" type="checkbox"/> Flower: nectary gland colour	greyed-purple 187B	yellow 13B	greyed-orange 163C
<input checked="" type="checkbox"/> Inflorescence: bract colour of variegated upper surface	yellow 7A	yellow 2D	yellow 2D
<input checked="" type="checkbox"/> Inflorescence: bract colour of non variegated upper surface	yellow-green 146C	greyed-green 191B	green 138B

Statistical Table

Organ/Plant Part: Context	'Ascot Rainbow'	'Tasmanian Tiger'	'Wilcott'
<input checked="" type="checkbox"/> Inflorescence: bract width (mm)			
Mean	12.70	19.60	14.40
Std. Deviation	1.10	0.80	1.10
LSD/sig	1.4	p≤0.01	p≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2010	Applied	'Ascot Rainbow'
USA	2009	Granted	'Ascot Rainbow'

First sold in Australia in Oct 2008.

Description: **Steve Eggleton**, PGA, 3 Harris Rd, Wonga Park, VIC.

Details of Application

Application Number	2010/078
Variety Name	'DrisStrawFifteen'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	24 May 2010
Applicant	Driscoll Strawberry Associates, Inc, Watsonville, CA
Agent	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing	US Patent & Trademark Office (USPTO)
Authority	
Overseas Data	PP21,762
Reference Number	
Location	Monterey County, California USA and verified Birkdale Q4159 Australia.
Descriptor	Strawberry (<i>Fragaria</i>) TG/22/9
Period	2004-2009
Conditions	Observations and measurements were made on plants grown in Monterey County, California USA. Plants were asexually propagated from stolons and tissue culture in Shasta County, California USA and transplanted into raised soil beds in Monterey County, California, USA. Plants were grown in full sunlight under standard commercial strawberry production conditions each year.
Trial Design	The new variety 'DrisStrawFifteen' was planted in rows side by side with comparators 'Driscoll Lanai' (PP15145) and 'DrisStrawNine' (Plant Patent Pending) in 2004-2009.
Measurements	Observations and measurements were taken and a detailed description prepared in accordance with UPOV guidelines for the new variety 'DrisStrawFifteen'. Colour designations, colour descriptions, and other phenotypic descriptions may deviate from the stated values depending upon variations in environmental, seasonal, climatic and cultural conditions. Colours are described and the most similar colour designations are provided from The Royal Horticultural Society Colour Charts, London (RHS).
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: the new variety originated as a result of a controlled cross pollination between the propriety female parent 'Driscoll Lanai' (US PP15145) and the propriety pollen parent '38J181' (an unpatented breeding line), and was discovered as a seedling in Jun 2004 in Monterey County, California USA. The original seedling was asexually propagated by stolons and tissue culture in Shasta County, California USA. The new variety has been maintained in its present form for 6 generations and has retained its combination of traits disclosed herein which characterise the new variety as true to type. Breeders: Phillip J. Stewart; Martin P.

Madesko; JoAnne Cross; and Bruce D. Mowrey all employees of Driscoll Strawberry Associates Inc. California USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	green colour upper side	dark green
Leaf	glossiness	medium
Terminal leaflet	length/width ratio	as long as broad
Inflorescence	position relative to foliage	beneath
Flower	size	medium
Fruit	length/width ratio	as long as broad
Fruit	size	medium
Fruit	predominant shape	conical
Fruit	colour	dark red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Driscoll Lanai'	US Plant Patent (PP15145); is the female parent.
'DrisStrawNine'	US Plant Patent Pending commercial strawberry variety grown in Monterey County, California USA.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Variety	Comments
'Bonaire'	Leaf colour of dark green upper side	medium green		
'Bonaire'	Plant type of fully remontant bearing	partially remontant		

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

Organ/Plant Part: Context	'DrisStrawFifteen'	'Driscoll Lanai'	'DrisStrawNine'
<input type="checkbox"/> Plant: habit	flat globose	flat globose	globose
<input checked="" type="checkbox"/> Plant: density	open	open to medium	medium
<input type="checkbox"/> Plant: vigour	medium	medium	medium
<input type="checkbox"/> Leaf: colour of upper side	dark green	dark green	dark green
<input type="checkbox"/> Leaf: shape in cross section	slightly concave	slightly concave to flat	concave
<input type="checkbox"/> *Leaf: blistering	medium	medium	medium
<input type="checkbox"/> *Leaf: glossiness	medium	weak to medium	medium to strong
<input type="checkbox"/> *Terminal leaflet: length/width ratio	as long as broad	as long as broad	as long as broad
<input type="checkbox"/> *Terminal leaflet: shape of base	rounded	rounded	rounded
<input type="checkbox"/> Terminal leaflet: shape of incisions of margin	crenate	crenate	crenate

<input type="checkbox"/>	Petiole: attitude of hairs	slightly outwards	strongly outwards	upwards
<input checked="" type="checkbox"/>	Stipule: anthocyanin colouration	medium	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	*Stolons: number	many	many	medium
<input checked="" type="checkbox"/>	Stolon: anthocyanin colouration	medium	strong	medium
<input checked="" type="checkbox"/>	Stolon: pubescence	strong	strong	weak
<input type="checkbox"/>	*Inflorescence: position relative to foliage	beneath	beneath	beneath
<input type="checkbox"/>	Flower: size	medium	medium	medium
<input type="checkbox"/>	*Flower: size of calyx	larger	larger	larger
<input type="checkbox"/>	*Primary flower: relative position of petals	overlapping	overlapping	overlapping
<input type="checkbox"/>	Petal: length/width ratio	as long as broad	as long as broad	as long as broad
<input type="checkbox"/>	*Fruit: ratio of length/width	as long as broad	as long as broad	as long as broad
<input type="checkbox"/>	*Fruit: size	medium	medium	medium
<input type="checkbox"/>	*Fruit: predominant shape	conical	conical	conical
<input type="checkbox"/>	Fruit: difference in shapes between primary and secondary fruits	slight to moderate	slight	slight
<input type="checkbox"/>	Fruit: band without achenes	narrow	narrow to medium	narrow
<input type="checkbox"/>	Fruit: unevenness of surface	weak	weak	weak
<input type="checkbox"/>	*Fruit: colour	dark red	dark red	dark red
<input type="checkbox"/>	Fruit: evenness of colour	even	even	even
<input type="checkbox"/>	Fruit: glossiness	medium	medium	medium
<input type="checkbox"/>	*Fruit: insertion of achenes	below surface	level with surface	level with surface
<input checked="" type="checkbox"/>	Fruit: insertion of calyx	above fruit	with fruit level	with fruit level
<input type="checkbox"/>	Fruit: attitude of the calyx segments	spreading	spreading to reflexed	spreading
<input checked="" type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	slightly smaller	same size	much larger
<input checked="" type="checkbox"/>	Fruit: adherence of calyx	strong	medium	strong
<input checked="" type="checkbox"/>	Fruit: firmness	firm	medium	medium
<input checked="" type="checkbox"/>	Fruit: colour of flesh	dark red	orange red	medium red
<input type="checkbox"/>	Fruit: hollow centre	weakly expressed	absent or very weakly expressed	weakly expressed
<input type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	marginal and central	marginal and central
<input type="checkbox"/>	*Time of: flowering	early to medium	early to medium	medium

<input type="checkbox"/>	Time of: ripening	early to medium	early to medium	early to medium
<input type="checkbox"/>	*Type of: bearing	fully remontant	partially remontant	fully remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'DrisStrawFifteen'	'Driscoll Lanai'	'DrisStrawNine'
<input type="checkbox"/> Fruiting truss: length	long	long	medium
<input checked="" type="checkbox"/> Fruiting truss: attitude at first picking	prostrate		semi-erect

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2010	Applied	'DrisStrawFifteen'
USA	2009	Granted	'DrisStrawFifteen'

First sold in USA in Nov 2008.

Description: **Margaret Zorin** 167 Collingwood Road Birkdale Q4159 Australia

Details of Application

Application Number	2010/067
Variety Name	'DrisStrawTwelve'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	24 May 2010
Applicant	Driscoll Strawberry Associates, Inc
Agent	Phillips Ormonde & Fitzpatrick
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademark Office (USPTO)
Overseas Data Reference Number	USA Plant Patent 21,538
Location	Hillsborough, Florida USA and verified Birkdale QLD Australia.
Descriptor Period	Strawberry (<i>Fragaria</i>) TG/22/9 2004-2008
Conditions	Grown in raised beds planted each year in full sunlight under standard commercial strawberry winter production conditions in Hillsborough, Florida USA for 5 successive years.
Trial Design	Plants of the new variety 'DrisStrawTwelve', 'Driscoll Atlantis' (US PP16475) and 'Driscoll Sanibel' (US PP16298) were asexually produced (by stolons) in a nursery and transplanted into the field in adjacent beds each year for 5 years prior to description.
Measurements	The following description of 'DrisStrawTwelve' is based on observations and measurements made in accordance with UPOV guidelines and terminology. Colour terminology follows The Royal Horticultural Society Colour Charts, London (RHS).
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: the new variety 'DrisStrawTwelve' was discovered as a seedling in Dec 2004 in Hillsborough, Florida USA, and is a result of a controlled cross pollination between the proprietary female parent 'Driscoll Sanibel' (US PP16298) and the proprietary pollen parent 'Driscoll Bonaire' (US PP18041). 'DrisStrawTwelve' was subsequently propagated from stolons and underwent further testing in Hillsborough, Florida USA from 2005-2009 where the consistent fruit shape, high yields and good berry quality were maintained and the plants remained true to type. Breeders: Kristie L Gilford, Esther J Pullen, Bruce D Mowrey and Philip J Stewart all employees of Driscoll Strawberry Associated Inc. Watsonville, California USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
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Plant	density	medium
Leaf	green colour of upper side	dark green
Leaf	blistering	medium
Terminal leaflet	length width ratio	as long as broad
Terminal leaflet	shape of base	rounded
Terminal leaflet	Shape of incisions of margin	crenate
Fruit	predominant shape	conical
Fruit	adherence of calyx	strong
Fruit	colour of flesh	medium red
Fruit	distribution of flesh colour	marginal and central

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Driscoll Atlantis'	US Plant Patent PP16475 a widely grown commercial variety.
'Driscoll Sanibel'	US Plant Patent PP 16298 a widely grown commercial variety and source of maternal germplasm.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'DrisStrawFive' Plant	height	medium	tall	US Plant Patent PP widely grown commercial variety in Florida USA.
'DrisStrawFive' Fruiting truss	length	medium	long	US Plant Patent PP widely grown commercial variety in Florida USA.
'DrisStrawFive' Plant	average number of daughter plants	medium	few	US Plant Patent PP widely grown commercial variety in Florida USA.
'DrisStrawFive' Fruit	yield	high	medium	US Plant Patent PP widely grown commercial variety in Florida USA.
'DrisStrawFive' Plant	disease resistance (powdery mildew)	moderately resistant	susceptible	US Plant Patent PP widely grown commercial variety in Florida USA.

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

Organ/Plant Part: Context	'DrisStrawTwelve'	'Driscoll Atlantis'	'Driscoll Sanibel'
<input type="checkbox"/> Plant: habit	flat	flat globose	flat
<input type="checkbox"/> Plant: density	medium	medium	medium
<input checked="" type="checkbox"/> Plant: vigour	medium to strong	weak to medium	medium to strong
<input type="checkbox"/> Leaf: colour of upper side	dark green	dark green	dark green
<input type="checkbox"/> Leaf: shape in cross section	slightly convex	flat	slightly convex
<input type="checkbox"/> *Leaf: blistering	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: glossiness	weak	medium	medium
<input type="checkbox"/> *Terminal leaflet: length/width ratio	as long as broad	as long as broad	as long as broad
<input type="checkbox"/> *Terminal leaflet: shape of base	rounded	rounded	rounded
<input type="checkbox"/> Terminal leaflet: shape of incisions of margin	crenate	crenate	crenate
<input type="checkbox"/> Petiole: attitude of hairs	slightly outwards	strongly outwards	strongly outwards
<input checked="" type="checkbox"/> Stipule: anthocyanin colouration	absent or very weak	weak to medium	medium
<input type="checkbox"/> *Stolons: number	medium	medium	medium to many
<input checked="" type="checkbox"/> Stolon: anthocyanin colouration	weak	weak to medium	strong
<input checked="" type="checkbox"/> Stolon: pubescence	weak	medium	medium
<input type="checkbox"/> *Inflorescence: position relative to foliage	beneath	level with	beneath
<input checked="" type="checkbox"/> Flower: size	medium	medium	large
<input checked="" type="checkbox"/> *Flower: size of calyx	smaller	same size	larger
<input type="checkbox"/> *Primary flower: relative position of petals	overlapping	overlapping	overlapping
<input type="checkbox"/> Petal: length/width ratio	as long as broad	as long as broad	as long as broad
<input type="checkbox"/> *Fruit: ratio of length/width	much longer than broad	slightly longer than broad	slightly longer than broad
<input checked="" type="checkbox"/> *Fruit: size	large	medium	medium
<input type="checkbox"/> *Fruit: predominant shape	conical	conical	conical
<input checked="" type="checkbox"/> Fruit: difference in shapes between primary and secondary fruits	none or very slight	moderate	marked
<input checked="" type="checkbox"/> Fruit: band without achenes	medium	medium	narrow
<input type="checkbox"/> Fruit: unevenness of surface	weak	weak	strong
<input type="checkbox"/> *Fruit: colour	red black	red	dark red
<input type="checkbox"/> Fruit: evenness of colour	slightly uneven	even	even

<input type="checkbox"/>	Fruit: glossiness	medium	medium	medium to strong
<input type="checkbox"/>	*Fruit: insertion of achenes	below surface	below surface	above surface
<input type="checkbox"/>	Fruit: insertion of calyx	above fruit	with fruit level	with fruit level
<input type="checkbox"/>	Fruit: attitude of the calyx segments	spreading	reflexed	reflexed
<input type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	slightly larger	same size	slightly larger
<input type="checkbox"/>	Fruit: adherence of calyx	strong	strong	strong
<input checked="" type="checkbox"/>	Fruit: firmness	firm	firm	medium
<input type="checkbox"/>	Fruit: colour of flesh	medium red	medium red	medium red
<input type="checkbox"/>	Fruit: hollow centre	absent or very weakly expressed	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	marginal and central	marginal and central
<input checked="" type="checkbox"/>	*Time of: flowering	early to medium	very early to early	medium
<input checked="" type="checkbox"/>	Time of: ripening	early to medium	very early to early	early to medium
<input type="checkbox"/>	*Type of: bearing	partially remontant	not remontant	not remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'DrisStrawTwelve'	'Driscoll Atlantis'	'Driscoll Sanibel'
<input checked="" type="checkbox"/> Fruiting truss: length	medium	long	medium
<input checked="" type="checkbox"/> Fruiting truss: attitude at first picking	prostrate	semi-erect	prostrate

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2009	Granted	'DrisStrawTwelve'
Canada	2010	Applied	'DrisStrawTwelve'

First sold in USA in Oct 2008.

Description: **Margaret Zorin** 167 Collingwood Road Birkdale QLD 4159.

Details of Application

Application Number	2009/276
Variety Name	'Cristal'
Genus Species	<i>Fragaria xananassa</i>
Common Name	Strawberry
Synonym	Nil
Accepted Date	05 Nov 2009
Applicant	Plantas de Navarra, S.A. (Planasa), Valtierra, Spain
Agent	Red Jewel Fruit Management Pty Ltd., Balladean, QLD
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademark Office (USPTO)
Overseas Data Reference Number	PP20,447
Location	Cartaya (Huelva) Spain, 7°W, 37°N at 45 feet elevation and verification Cleveland, QLD Australia
Descriptor Period	Strawberry (<i>Fragaria xananassa</i>) TG/22/9 2001-2007
Trial Condition & Design	Plants of 'Cristal' and 'Aries' were asexually propagated as stolons and the resulting plantlets were transferred to adjacent raised beds in a tunnel in replicates of 225 plants in Oct 2007 and subsequent observations and measurements were made in 2008.
Measurements	Observations and measurements were made using UPOV Guidelines and Terminology on mid season fruit production. Colours are described herein in accordance with The Royal Horticultural Society Colour Charts (RHS). The colour descriptions may deviate from the stated values and descriptions depending upon variations in environmental, seasonal, climatic and cultural conditions.
RHS Chart - edition	2000

Origin and Breeding

Controlled pollination: The new variety was created in a controlled breeding program by crossing of two undistributed breeding lines designated '9261' (female parent) and '9045' (pollen parent) in 2000. The original seedling of 'Cristal' was discovered in 2001 and was asexually propagated by stolons in a nursery at Soria, Spain. The new variety 'Cristal' has undergone several successive years of propagation and has retained the distinctive characteristics originally selected. Breeders: Alexandre Pierron-Darbonne an employee of Plantas de Navarra, S.A. (PLANASA), Valtierra, Navarra Spain EU.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	density	medium
Leaf	colour of upper side	dark green
Leaf	blistering	medium

Terminal leaflet	length/width ratio	as long as broad
Stolons	number	few
Stolons	pubescence	medium
Flower	size	medium
Flower	spacing of petals	overlapping
Petal	length/width ratio	broader than long
Fruit	glossiness	strong
Fruit	insertion of achenes	below surface
Calyx	attitude of segments	reflexed
Calyx	adherence	strong
Fruit	firmness	firm
Fruit	type of bearing	fully remontant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Aires'	US Plant Patent 9757 - the new variety is closest to this commercial strawberry variety.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
'Cegnidarem'	Leaf	shape in cross section	slightly concave	flat to slightly convex	Comparator not available.
'Cegnidarem'	Inflorescence	position relative to foliage	above	beneath	Comparator not available.
'Cegnidarem'	Fruit	shape	almost cylindrical	conical	Comparator not available.
'Cegnidarem'	Time	of flowering	early	very early	Comparator not available.
'Cegnidarem'	Time	of ripening	early	very early	Comparator not available.

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

Organ/Plant Part: Context	'Cristal'	'Aires'
<input type="checkbox"/> Plant: habit	globose	flat globose
<input type="checkbox"/> Plant: density	medium	medium
<input checked="" type="checkbox"/> Plant: vigour	strong	medium
<input type="checkbox"/> Leaf: colour of upper side	dark green	dark green
<input checked="" type="checkbox"/> Leaf: shape in cross section	slightly concave	slightly convex
<input type="checkbox"/> *Leaf: blistering	medium	medium
<input checked="" type="checkbox"/> *Leaf: glossiness	strong	medium
<input type="checkbox"/> *Terminal leaflet: length/width ratio	as long as broad	as long as broad
<input checked="" type="checkbox"/> *Terminal leaflet: shape of base	obtuse	rounded

<input checked="" type="checkbox"/>	Terminal leaflet: shape of incisions of margin	crenate	serrate
<input type="checkbox"/>	Petiole: attitude of hairs	upwards	strongly outwards
<input checked="" type="checkbox"/>	Stipule: anthocyanin colouration	absent or very weak	weak
<input type="checkbox"/>	*Stolons: number	few	few
<input checked="" type="checkbox"/>	Stolon: anthocyanin colouration	absent or very weak	medium
<input type="checkbox"/>	Stolon: pubescence	medium	medium
<input checked="" type="checkbox"/>	*Inflorescence: position relative to foliage	above	beneath
<input type="checkbox"/>	Flower: size	medium	medium
<input type="checkbox"/>	*Flower: size of calyx	same size	smaller
<input type="checkbox"/>	*Primary flower: relative position of petals	overlapping	overlapping
<input type="checkbox"/>	Petal: length/width ratio	broader than long	broader than long
<input type="checkbox"/>	*Fruit: ratio of length/width	much longer than broad	slightly longer than broad
<input checked="" type="checkbox"/>	*Fruit: size	large	medium
<input checked="" type="checkbox"/>	*Fruit: predominant shape	almost cylindrical	conical
<input checked="" type="checkbox"/>	Fruit: difference in shapes between primary and secondary fruits	slight	moderate
<input checked="" type="checkbox"/>	Fruit: band without achenes	narrow	absent or very narrow
<input type="checkbox"/>	Fruit: unevenness of surface	weak	absent or very weak
<input type="checkbox"/>	*Fruit: colour	dark red	red
<input type="checkbox"/>	Fruit: evenness of colour	even	slightly uneven
<input checked="" type="checkbox"/>	Fruit: glossiness	strong	medium
<input type="checkbox"/>	*Fruit: insertion of achenes	below surface	below surface
<input checked="" type="checkbox"/>	Fruit: insertion of calyx	above fruit	in a basin
<input type="checkbox"/>	Fruit: attitude of the calyx segments	reflexed	reflexed
<input checked="" type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	slightly smaller	slightly larger
<input type="checkbox"/>	Fruit: adherence of calyx	strong	strong
<input type="checkbox"/>	Fruit: firmness	firm	firm
<input checked="" type="checkbox"/>	Fruit: colour of flesh	medium red	pale pink
<input type="checkbox"/>	Fruit: hollow centre	absent or very weakly expressed	
<input type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	
<input checked="" type="checkbox"/>	*Time of: flowering	early	very early

<input checked="" type="checkbox"/>	Time of: ripening	early	very early
<input type="checkbox"/>	*Type of: bearing	fully remontant	fully remontant

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Cristal’	‘Aires’
<input type="checkbox"/> Fruiting truss: attitude at first picking	semi-erect	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2007	Granted	‘Cristal’
ES	2007	Granted	‘Cristal’
USA	2008	Granted	‘Cristal’

First sold in Spain in Nov 2008.

Description: **Margaret Zorin** 167 Collingwood Road Birkdale Q4159.

Details of Application

Application Number	2010/203
Variety Name	'Q242'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	26 Oct 2010
Applicant	BSES Limited, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	71378 Bruce Highway Meringa QLD
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/1
Period	Planted 19 Aug 2009; descriptions taken 28-29 Jul 2010
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was strategically tilled and spray fallowed Dec 2008 and planted with a cover crop of soybean legumes over the wet season. Land preparation was by zonal tillage only, with one rotary hoeing and two rippings in the plant zone. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: clay loam, Edmonton series. Watering regime: rainfed. Chemicals: the fungicide Shirlan was applied at approximately 60ml per hectare at planting. The herbicide Diurex (4kg/ha) was applied 23/12/2009 to control weeds. The insecticide Talstar (150mL/ha) was applied to control wireworms. Fertiliser: GF 505(200 kg/ha) was applied at planting and side-dressed at 20/11/2009. Total nutrients: Nitrogen 116 kg/ha; Potassium 74 kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited between the seed parent 'Q170' and the pollen parent 'Q150'. Seed was collected from the pollinated female inflorescences and stored for germination in 1997. The variety has since been evaluated and selected by BSES in yield trials on the Bundaberg Sugar Experiment Station and sites within the sugarcane growing area in the Southern 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
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Leaf blade	pubescence on margin	absent or very sparse
Leaf blade	Serration of margin	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Q170’	‘Q170’ is also the female parent of the candidate variety.
‘Q190’	
‘Q228’	

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

Organ/Plant Part: Context	‘Q242’	‘KQ228’	‘Q170’	‘Q190’
<input checked="" type="checkbox"/> Plant: stool growth habit	semi-erect to intermediate	semi-erect	intermediate	intermediate to semi-prostrate
<input checked="" type="checkbox"/> *Plant: adherence of leaf sheath	medium to strong	weak to medium	weak	weak
<input checked="" type="checkbox"/> Plant: tillering	strong	medium	medium	weak
<input type="checkbox"/> Plant: number of suckers	medium to many	medium to many	medium	medium
<input type="checkbox"/> Plant: leaf canopy	medium	medium	sparse to medium	medium
<input type="checkbox"/> *Internode: shape	cylindrical to concave-convex	slightly concave-convex	bobbin-shaped	bobbin-shaped
<input checked="" type="checkbox"/> Internode: cross-section	circular	circular to ovate	ovate	circular to ovate
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 152B	yellow-green 151A	yellow-green N144A	yellow-green 144A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green N144A	yellow-green 151A	yellow-green 152C	yellow-green 144A
<input checked="" type="checkbox"/> Internode: depth of growth crack	shallow to medium	very shallow to shallow	very shallow to shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	weak	weak	moderate to strong
<input type="checkbox"/> Internode: waxiness	weak	weak	weak	weak to medium
<input checked="" type="checkbox"/> Node: wax ring	narrow	narrow	medium	medium
<input checked="" type="checkbox"/> *Node: shape of bud	triangular-pointed	ovate to rhomboid	ovate	ovate
<input type="checkbox"/> Node: bud prominence	medium	weak to medium	weak to medium	medium
<input checked="" type="checkbox"/> Node: depth of bud groove	shallow to medium	absent or very shallow	shallow	shallow

<input checked="" type="checkbox"/>	Node: length of bud groove	medium	short	short to medium	medium
<input type="checkbox"/>	Node: bud tip in relation to growth ring	clearly above	intermediate	intermediate	intermediate
<input checked="" type="checkbox"/>	Node: bud cushion	absent or very narrow	absent or very narrow	wide	absent or very narrow
<input type="checkbox"/>	Node: width of bud wing	narrow	narrow	narrow to medium	narrow to medium
<input type="checkbox"/>	Leaf sheath: number of hairs	absent or very few	medium	few	medium
<input type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	deltoid	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	wide	wide	wide	medium
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	medium	short	medium to long	short
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	sparse to medium	sparse	sparse to medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	transitional	lanceolate	transitional	falcate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	not applicable	small	not applicable	small to medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	transitional	dentoid	transitional
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	not applicable	not applicable	small	not applicable
<input type="checkbox"/>	Leaf blade: curvature	arched	arched	arched	curved tips to arched
<input type="checkbox"/>	Leaf blade: pubescence on margin	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

Statistical Table

Organ/Plant Part: Context	‘Q242’	‘KQ228’	‘Q170’	‘Q190’
<input type="checkbox"/> Culm: height (cm)				
Mean	377.00	344.80	375.20	373.60
Std. Deviation	17.60	14.70	15.40	20.10
LSD/sig	36.9	ns	ns	ns
<input checked="" type="checkbox"/> Internode: length (cm)				
Mean	18.80	16.60	19.20	18.70

Std. Deviation	1.60	1.90	1.50	1.50
LSD/sig	1.8	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Internode: diameter (mm)				
Mean	24.60	27.00	25.50	27.80
Std. Deviation	2.00	2.40	3.00	2.80
LSD/sig	2.4	ns	ns	P≤0.01
<input type="checkbox"/> Leaf blade: length (cm)				
Mean	152.00	166.00	167.10	161.70
Std. Deviation	7.70	3.90	11.60	8.20
LSD/sig	14.3	ns	ns	ns
<input type="checkbox"/> Leaf blade: width (mm)				
Mean	45.30	41.50	48.90	51.50
Std. Deviation	3.40	4.60	2.20	2.50
LSD/sig	5.5	ns	ns	ns
<input type="checkbox"/> Leaf: midrib width (mm)				
Mean	3.30	3.40	3.40	3.20
Std. Deviation	0.50	0.30	0.30	0.30
LSD/sig	0.5	ns	ns	ns
<input type="checkbox"/> Leaf sheath: length (mm)				
Mean	328.00	365.00	332.30	297.60
Std. Deviation	21.70	23.70	19.20	18.90
LSD/sig	37.6	ns	ns	ns
<input checked="" type="checkbox"/> Leaf: ratio leaf blade/midrib width				
Mean	13.90	12.20	14.10	16.40
Std. Deviation	2.10	1.20	1.30	2.10
LSD/sig	2.1	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Node: width of bud (mm)				
Mean	6.70	8.70	7.90	7.20
Std. Deviation	1.30	1.20	1.10	0.50
LSD/sig	1.0	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)				
Mean	11.20	9.70	14.20	12.90
Std. Deviation	1.40	1.20	1.00	1.30
LSD/sig	1.4	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **George Piperidis** BSES Limited, QLD

Details of Application

Application Number	2010/204
Variety Name	'Q243'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	26 Oct 2010
Applicant	BSES Limited, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	71378 Bruce Highway Meringa, QLD.
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/1.
Period	Planted 19 Aug 2009; descriptions taken 28-29 Jul 2010.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was strategically tilled and spray fallowed Dec 2008 and planted with a cover crop of soybean legumes over the wet season. Land preparation was by zonal tillage only, with one rotary hoeing and two rippings in the plant zone. Planting material was generally good. Soil tilth and moisture were good at planting. Soil type: clay loam, Edmonton series. Watering regime: rainfed. Chemicals: the fungicide Shirtan was applied at approximately 60ml per hectare at planting. The herbicide Diurex (4kg/ha) was applied 23 Dec 2009 to control weeds. The insecticide Talstar (150mL/ha) was applied to control wireworms. Fertiliser: GF 505(200 kg/ha) was applied at planting and side-dressed at 20/11/2009. Total nutrients: Nitrogen 116 kg/ha; Potassium 74 kg/ha. Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.5m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited between the seed parent 'QC83-631' and the pollen parent 'SP78-3137'. 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 Bundaberg Sugar Experiment Station and sites within the sugarcane growing area in the Southern and NSW regions. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited

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

Variety of Common Knowledge

Organ/Plant Part	Context	State of Expression in Group of Varieties
Node	bud prominence	medium
Node	bud tip in relation to growth ring	intermediate
Leaf blade	serration of margin	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q203'	
'Q234'	

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

Organ/Plant Part: Context	'Q243'	'Q203'	'Q234'
<input type="checkbox"/> Plant: stool growth habit	erect to semi-erect	semi-erect	semi-erect
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak to medium	weak	weak to medium
<input checked="" type="checkbox"/> Plant: tillering	medium	weak	medium
<input type="checkbox"/> Plant: number of suckers	very few to few	very few to few	very few
<input type="checkbox"/> Plant: leaf canopy	sparse to medium	medium	sparse to medium
<input type="checkbox"/> *Internode: shape	concave-convex	concave-convex	concave-convex
<input checked="" type="checkbox"/> Internode: cross-section	circular	ovate	circular to ovate
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 151A	yellow-green 152B-C	yellow-green N144A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 151A	yellow-green 152D	yellow-green 151A
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	medium	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	moderate to strong	moderate
<input checked="" type="checkbox"/> Internode: waxiness	weak	medium	medium
<input type="checkbox"/> Node: wax ring	medium	medium	narrow
<input checked="" type="checkbox"/> *Node: shape of bud	triangular-pointed and ovate	oval	ovate
<input type="checkbox"/> Node: bud prominence	medium	medium	medium
<input type="checkbox"/> Node: depth of bud groove	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate
<input checked="" type="checkbox"/> Node: bud cushion	medium	absent or very narrow	wide
<input type="checkbox"/> Node: width of bud wing	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/> Leaf sheath: number of hairs	few		few

<input type="checkbox"/>	Leaf sheath: length of hairs	medium		short to medium
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal		only dorsal
<input type="checkbox"/>	Leaf sheath: shape of ligule	deltoid		deltoid – crescent shaped
<input checked="" type="checkbox"/>	Leaf sheath: ligule width	wide		narrow to medium
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	short to medium		short to medium
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium		sparse to medium
<input type="checkbox"/>	Leaf sheath: shape of underlapping auricle	transitional		
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	not applicable		
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional		
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	not applicable		
<input type="checkbox"/>	Leaf blade: curvature	curved tips to arched	arched	curved tips to arched
<input type="checkbox"/>	Leaf blade: pubescence on margin	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/>	Leaf blade: serration of margin	present	present	present

Statistical Table

Organ/Plant Part: Context	‘Q243’	‘Q203’	‘Q234’
<input type="checkbox"/> Culm: height (cm)			
Mean	346.10	328.00	341.80
Std. Deviation	19.30	37.30	13.00
LSD/sig	36.9	ns	ns
<input checked="" type="checkbox"/> Internode: length (cm)			
Mean	17.80	19.60	21.10
Std. Deviation	1.40	2.20	1.70
LSD/sig	1.8	ns	P≤0.01
<input type="checkbox"/> Internode: diameter (mm)			
Mean	25.60	25.00	27.20
Std. Deviation	2.40	3.70	3.80
LSD/sig	2.4	ns	ns
<input type="checkbox"/> Leaf blade: length (cm)			
Mean	175.30	179.80	162.70
Std. Deviation	6.50	10.70	8.90
LSD/sig	14.3	ns	ns
<input checked="" type="checkbox"/> Leaf blade: width (mm)			
Mean	37.30	44.50	49.50
Std. Deviation	2.50	4.60	2.80
LSD/sig	5.5	P≤0.01	P≤0.01
<input type="checkbox"/> Leaf: midrib width (mm)			

Mean	3.40	3.50	3.40
Std. Deviation	0.50	0.50	0.30
LSD/sig	0.5	ns	ns
<input type="checkbox"/> Leaf sheath: length (mm)			
Mean	362.80	341.40	345.00
Std. Deviation	18.30	11.10	22.60
LSD/sig	37.6	ns	ns
<input checked="" type="checkbox"/> Leaf: ratio leaf blade/midrib width			
Mean	11.20	12.70	14.10
Std. Deviation	1.30	0.70	1.60
LSD/sig	2.1	ns	P≤0.01
<input type="checkbox"/> Node: width of bud (mm)			
Mean	7.90	7.40	8.00
Std. Deviation	1.00	1.00	1.50
LSD/sig	1.0	ns	ns
<input checked="" type="checkbox"/> Node: width of root band (mm)			
Mean	12.60	14.30	17.00
Std. Deviation	1.40	1.20	1.10
LSD/sig	1.4	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **George Piperidis** BSES Limited, QLD

Details of Application

Application Number	2008/309
Variety Name	'Little Girl Pink'
Genus Species	<i>Dampiera teres</i>
Common Name	Terete-leaved Dampiera
Synonym	
Accepted Date	15 Dec 2008
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway Muchea WA
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Jan 2008 – Oct 2008
Conditions	Potted into 200mm squat containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50km north of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Observations were made on all plants. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2001

Origin and Breeding

Spontaneous mutation: In Sep 2005 a pink flowered sport was noticed on a plant of *Dampiera teres* 'Little Boy Blue' in nursery production stock. The plant was taken to the Wanneroo nursery where a cutting was taken. Several generations of cuttings were taken to ensure the colour was stable. It was also initiated into tissue culture where it has also shown itself to be uniform and stable for the selected character, pink flowers. In Jul 2007 trials planted for final testing and comparison purposes. The variety 'Little Girl Pink' demonstrates the character (pink flower colour) for which it was selected. All generations were uniform and stable with no off types being observed. Breeder: George Lullfitz, Wanneroo, WA

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	type	simple
Leaf	shape	linear
Leaf	shape of cross-section	flat
Leaf	curvature of longitudinal axis	straight
Leaf	glossiness of upper side	weak

Leaf green colour very light

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Little Boy Blue'	'Little Boy Blue' is the only variety of <i>Dampiera teres</i> . It is also the parent with the candidate being a sport from it.

Variety 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 Girl Pink'	'Little Boy Blue'
<input type="checkbox"/> Plant: type	herbaceous	herbaceous
<input type="checkbox"/> Plant: growth habit	perennial	perennial
<input checked="" type="checkbox"/> Plant: height	spreading	erect
<input checked="" type="checkbox"/> Plant: height	very short to short	medium to tall
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input checked="" type="checkbox"/> Leaf: size	small	medium to large
<input type="checkbox"/> Leaf: attitude	erect	semi-erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input type="checkbox"/> Leaf: shape	linear	linear
<input type="checkbox"/> Leaf: shape of cross-section	flat	flat
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak
<input type="checkbox"/> Leaf: green colour	very light	very light
<input checked="" type="checkbox"/> Flower: attitude	nodding	erect
<input checked="" type="checkbox"/> Flower: diameter	small	medium
<input checked="" type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	N74D	N89C

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Little Girl Pink'	'Little Boy Blue'
<input checked="" type="checkbox"/> Flower: primary colour	pink	blue/purple
<input checked="" type="checkbox"/> Inflorescence: attitude	pendulous	erect
<input checked="" type="checkbox"/> Plant: suckering	absent	present

Prior Applications and Sales

Nil.

First sold in Australia 1 September 2008.

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

Details of Application

Application Number	2010/065
Variety Name	'Coral Sea'
Genus Species	<i>xTriticosecale</i>
Common Name	Triticale
Synonym	Nil
Accepted Date	15 Jun 2010
Applicant	The University of Sydney, Sydney, NSW and Grains Research and Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Jeremy Roake

Details of Comparative Trial

Location	Plant Breeding Institute, Cobbitty, NSW
Descriptor	Triticale (<i>xTriticosecale</i>) TG/121/3
Period	15 May 2010 – 15 Dec 2010
Conditions	Each treatment was sown hand sown into 5 rows at 30cm between rows, with a plot length of 5m. Plots were irrigated during the season.
Trial Design	Randomised Complete Block Design
Measurements	Measurements were taken from 10 plant at random from each replicate
RHS Chart - edition	N/A

Origin and Breeding

Selections were made from the population in 2000 based on agronomic type and resistance to stem, leaf and stripe rusts. Yield trials at Cowra in 2002 and 2003 found that the line, AT565, had superior forage yield compared to the current varieties. A selection from this sub-population was taken and designated AT565-412. This line was tested at 3 sites in Queensland in 2004 and 1 site in 2005 for forage production, both for early autumn dry matter production, and dry matter production after simulated grazing in winter. It showed superior winter dry matter production after grazing when compared to other triticale lines and two grazing oat lines, 'Taipan' and 'Riel'. The line has undergone seed increase since 2006.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	prostrate
Lower glume	hairiness on external surface	absent
Straw	pith in cross section	thin
Grain	colouration with phenol	nil or very light
Seasonal	type	winter

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tobruk'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in	State of Expression in
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			Candidate Variety	Comparator Variety
'Crackerjack'	Stem	rust	resistant	susceptible
'Endeavour'	Seasonal	type	winter	alternative
'Jackie'	Seasonal	type	winter	alternative
'Breakwell'	Seasonal	type	winter	alternative
'Crackerjack'	Seasonal	type	winter	spring

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

Organ/Plant Part: Context	'Coral Sea'	'Tobruk'
<input type="checkbox"/> *Ploidy:	hexaploid	hexaploid
<input type="checkbox"/> Coleoptile: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> *Plant: growth habit	prostrate	prostrate
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	medium	absent or very weak
<input checked="" type="checkbox"/> *Time of: ear emergence	medium	early
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak	absent or very weak
<input type="checkbox"/> Anthers: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> Ear: glaucosity	weak	absent or very weak
<input checked="" type="checkbox"/> *Stem: density of hairiness of neck	very strong	weak
<input type="checkbox"/> *Plant: length	medium to long	medium
<input checked="" type="checkbox"/> *Ear: distribution of awns	half awned	fully awned
<input type="checkbox"/> *Awns above the tip of ear: length	medium to long	medium
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin
<input type="checkbox"/> Ear: colour	white	white
<input type="checkbox"/> Ear: density	medium	dense
<input type="checkbox"/> *Grain: colouration with phenol	nil or very light	nil or very light
<input type="checkbox"/> *Seasonal type:	winter type	winter type

Statistical Table

Organ/Plant Part: Context	'Coral Sea'	'Tobruk'
<input checked="" type="checkbox"/> Ear: width (mm)		
Mean	19.00	15.90
Std. Deviation	1.60	1.30
LSD/sig	1.6	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)		
Mean	159.30	118.30
Std. Deviation	12.30	9.90

LSD/sig	13.4	P≤0.01
<input type="checkbox"/> Leaf blade: width (mm)		
Mean	15.70	14.10
Std. Deviation	1.58	1.30
LSD/sig	1.8	ns
<input type="checkbox"/> Leaf blade: length (mm)		
Mean	215.90	192.00
Std. Deviation	36.60	23.90
LSD/sig	35.5	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/063
Variety Name	'El Alamein'
Genus Species	<i>xTriticosecale</i>
Common Name	Triticale
Synonym	Nil
Accepted Date	15 Jun 2010
Applicant	The University of Sydney, Sydney, NSW and Grains Research and Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Jeremy Roake

Details of Comparative Trial

Location	Plant Breeding Institute, Cobbitty, NSW
Descriptor	Triticale (<i>xTriticosecale</i>) TG/121/3
Period	15/5/2010 - 15/12/2010
Conditions	Each treatment was hand sown into 5 rows at 30 cm spacing between rows, each plot being 5 m long. Plots were irrigated during the season.
Trial Design	Randomised Complete Block Design, 3 replicates
Measurements	Measurements were taken from 10 plant at random from each replicate
RHS Chart - edition	N/A

Origin and Breeding

The line was identified from the 8th Facultative and Winter Triticale Nursery from CIMMYT (8th FWTCL #61), as resistant to stem, leaf and stripe rust. In 2001, it underwent yield evaluation at Cowra in a non-replicated yield trial where it had superior yield to 'Jackie' and 'Breakwell'. It was then placed in replicated trials at Cowra and Cootamundra in 2002, 2003, and 2004, where it performed better in yield than 'Jackie' and 'Breakwell'. In 2005 and 2006, it was evaluated for yield in southern Victoria at Streatham and Hamilton, where it was the top yielding line. This was subsequently shown in NVT trials in Victoria in 2007 and 2008. Selections were made from the line for purification, and short and tall plots were discarded from the population in 2006. The remaining plots were bulked, and seed increase started in 2007. The line has been propagated by seed in 2008 and 2009.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Time of	ear emergence	early to medium
Stem	density of hairiness of neck	very strong
Lower glume	hairiness of external surface	absent
Seasonal	type	alternative type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Endeavour'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Crackerjack'	Stem	stem rust	resistant	susceptible
'Tobruk'	Seasonal type	seasonal type	alternative	winter
'Jackie'	Adult plant	resistance to stripe rust pathotype 134 E16 A+J+	moderately resistant	very susceptible
'Breakwell'	Adult plant	resistance to stripe rust pathotype 134 E16 A+J+	moderately resistant	susceptible
'Maiden'	Adult plant	resistance to stripe rust pathotype 134 E16 A+J+	moderately resistant	very susceptible
'Hillary'	Adult plant	resistance to stripe rust pathotype 134 E16 A+J+	moderately resistant	very susceptible
'Pacific Falcon'	Ear	emergence	early to medium	very late

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

Organ/Plant Part: Context	'El Alamein'	'Endeavour'
<input type="checkbox"/> *Ploidy:	hexaploid	hexaploid
<input type="checkbox"/> Coleoptile: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> *Plant: growth habit	intermediate	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak
<input type="checkbox"/> *Time of: ear emergence	early to medium	early to medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	weak
<input type="checkbox"/> Anthers: anthocyanin colouration	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Ear: glaucosity	medium	weak
<input type="checkbox"/> *Stem: density of hairiness of neck	very strong	very strong
<input type="checkbox"/> *Plant: length	medium	medium
<input type="checkbox"/> *Ear: distribution of awns	fully awned	fully awned
<input type="checkbox"/> *Awns above the tip of ear: length	medium	medium
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin	thin
<input type="checkbox"/> Ear: colour	white	white
<input checked="" type="checkbox"/> Ear: density	medium	dense
<input type="checkbox"/> *Seasonal type:	alternative type	alternative type

Statistical Table

Organ/Plant Part: Context	'El Alamein'	'Endeavour'
<input type="checkbox"/> Flag leaf: length (mm)		
Mean	237.10	205.80
Std. Deviation	34.50	24.20
LSD/sig	35.5	ns
<input checked="" type="checkbox"/> Leaf blade: width (mm)		
Mean	19.20	17.20
Std. Deviation	1.70	1.30
LSD/sig	1.8	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)		
Mean	169.20	153.50
Std. Deviation	13.00	13.70
LSD/sig	13.4	P≤0.01
<input type="checkbox"/> Ear: width (mm)		
Mean	16.90	17.00
Std. Deviation	1.60	1.70
LSD/sig	1.6	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2008/291
Variety Name	'Fortune'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	20 Jan 2009
Applicant	InterGrain Pty Ltd, Victoria Park WA
Agent	N/A
Qualified Person	David Collins

Details of Comparative Trial

Location	Research Station Wongan Hills WA
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	03 Jul 08 – 20 Dec 08
Conditions	Plants sown in open beds containing light grey loamy sand pH 5.4 in CaCl ₂ to 0.5m over mottled clay. Site sprayed 23/01/08 glyphosate 1 l/ha and Ester 680 at 700 ml/ha for summer weed control. Site sprayed 24 May 08 with wipeout at 1.5 l/ha and 16 Jun 08 with Sprayseed at 1.6 l/ha for knockdown weed control. Trial sown on 03 Jul 08 with compound N and P fertiliser at 100 kg/ha and urea topdressed at 50 kg/ha. Trial sprayed on 11 Aug 08 with Broadside for radish control. No treatments for insects or disease were required.
Trial Design	Randomised complete block design. Plots 20m long by 8 rows wide (1.2m) x 2 replicates.
Measurements	Measurements taken from 10 plants per plot selected at random from approx 2000 plants. One measurement per plant.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Fortune was produced by controlled pollination of seed parent '95Y214' (Calingiri) and the pollen parent '95Y210' (F1 between Calingiri/Worakata) in a planned breeding program. The progeny 96Y375 was sown in 1997 at the Department of Agriculture in South Perth and a selection made based on agronomic traits and named 96Y375-24. Further generations were produced using the bulk progeny method. In 2000 the fixed line 96Y375-24-32 line was tested in replicated breeder yield trials located on the Department's research stations. It was entered in the Western Australia regional crop evaluation trials in 2004 and tested under the code IGW2856 Breeder: Dr. Iain Barclay, Department of Agriculture and Food Western Australia..

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Grain	colour	white
Seasonal	type	spring type
Ear	presence of awns	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Worrakatta'	Maturity medium to late. White awned ear. Parent of candidate.
'Calingiri'	Maturity medium to late. White awned ear. Parent of candidate.

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

Organ/Plant Part: Context	'Fortune'	'Calingiri'	'Worrakatta'
<input type="checkbox"/> Coleoptile: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Plant: growth habit	intermediate	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
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	medium	low to medium
<input type="checkbox"/> *Time of: ear emergence	medium to late	medium to late	medium to late
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	strong	medium to strong
<input type="checkbox"/> *Ear: glaucosity	absent or very weak	absent or very weak	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	absent or very weak	absent or very weak	weak
<input type="checkbox"/> *Plant: length	medium to long	medium	short to medium
<input checked="" type="checkbox"/> *Straw: pith in cross section	medium	thin	medium to thick
<input checked="" type="checkbox"/> *Ear: shape in profile	parallel sided	tapering	tapering
<input checked="" type="checkbox"/> *Ear: density	medium to dense	lax	lax
<input checked="" type="checkbox"/> Ear: length	short to medium	medium	medium to long
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium	short to medium	short to medium
<input checked="" type="checkbox"/> *Ear: colour	coloured	white	white
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium to broad	medium to broad	narrow
<input type="checkbox"/> Lower glume: shoulder shape	sloping to slightly sloping	sloping to slightly sloping	sloping to slightly sloping
<input type="checkbox"/> Lower glume: beak length	medium	medium	medium
<input type="checkbox"/> Lower glume: beak shape	straight to slightly curved	straight to slightly curved	straight to slightly curved
<input type="checkbox"/> Lowest lemma: beak shape	slightly curved	straight to slightly curved	moderately curved
<input type="checkbox"/> *Grain: colour	white	white	white
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	'Fortune'	'Calingiri'	'Worrakatta'
<input type="checkbox"/> Plant: mature height (cm)			
Mean	74.35	71.85	72.30
Std. Deviation	3.36	2.96	2.41
LSD/sig	2.92	ns	ns
<input checked="" type="checkbox"/> Ear: length (mm)			
Mean	58.67	70.07	79.14
Std. Deviation	4.44	7.34	5.97
LSD/sig	4.83	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Awn: length (mm)			
Mean	48.27	49.73	42.14
Std. Deviation	4.68	6.97	6.17
LSD/sig	5.29	ns	P≤0.01
<input type="checkbox"/> Glume: length (mm)			
Mean	8.80	9.13	8.96
Std. Deviation	0.41	0.47	0.41
LSD/sig	0.32	ns	ns
<input type="checkbox"/> Glume: width (mm)			
Mean	4.24	4.16	4.26
Std. Deviation	0.25	0.30	0.24
LSD/sig	0.20	ns	ns
<input checked="" type="checkbox"/> Glume beak: length (mm)			
Mean	3.66	3.51	5.05
Std. Deviation	0.70	0.74	1.12
LSD/sig	0.95	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **David Collins**, Northam WA

Details of Application

Application Number	2008/292
Variety Name	'Zippy'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	20 Jan 2009
Applicant	InterGrain Pty Ltd, Victoria Park WA
Agent	N/A
Qualified Person	David Collins

Details of Comparative Trial

Location	Research Station Wongan Hills WA
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	3 Jul 08 – 20 Dec 08
Conditions	Plants sown in open beds containing light grey loamy sand pH 5.4 in CaCl ₂ to 0.5m over mottled clay. Site sprayed 23/01/08 glyphosate 1 l/ha and Ester 680 at 700 ml/ha for summer weed control. Site sprayed 24 May 08 with wipeout at 1.5 l/ha and 16 Jun 08 with Sprayseed at 1.6 l/ha for knockdown weed control. Trial sown on 03 Jul 08 with compound N and P fertiliser at 100 kg/ha and urea topdressed at 50 kg/ha. Trial sprayed on 11 Aug 08 with Broadside for radish control. No treatments for insects or disease were required.
Trial Design	Randomised complete block design. Plots 20m long by 8 rows wide (1.2m) x 2 replicates.
Measurements	Measurements taken from 10 plants per plot selected at random from approx 2000 plants. One measurement per plant.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Zippy was produced by controlled pollination of seed parent '96Y119' (Klasic/84Y1426 and the pollen parent '86Y204-13-23' (Pfau/Reeves) in a planned breeding program. The prodgeny 96Y322 was sown in 1997 at the Department of Agriculture in South Perth and a selection made based on agronomic traits and named 96Y322-5. Further generations were produced using the bulk progeny method. In 2000 the fixed line 96Y322-5-29 line was tested in replicated breeder yield trials located on the Department's research stations. It was entered in the Western Australia regional crop evaluation trials in 2004 and tested under the code IGW2838 Breeder: Dr. Iain Barclay, Department of Agriculture and Food Western Australia..

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Grain	colour	white
Seasonal	type	spring
Ear	presence of awns	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kalannie'	White grain, spring type, awns present.
'Wyalkatchem'	White grain, spring type, awns 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	'Zippy'	'Kalannie'	'Wyalkatchem'
<input type="checkbox"/> Coleoptile: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Plant: growth habit	erect	erect	semi-erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	low to medium	low to medium
<input checked="" type="checkbox"/> *Time of: ear emergence	very early to early	very early to early	medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	absent or very weak	medium to strong
<input type="checkbox"/> *Ear: glaucosity	weak	weak	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	weak	absent or very weak	medium
<input checked="" type="checkbox"/> *Plant: length	medium	medium	short
<input checked="" type="checkbox"/> *Straw: pith in cross section	medium	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering
<input checked="" type="checkbox"/> *Ear: density	medium to dense	lax	medium
<input type="checkbox"/> Ear: length	short to medium	medium	short to medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	short to medium	medium to long	short to medium
<input checked="" type="checkbox"/> *Ear: colour	coloured	white	white
<input checked="" type="checkbox"/> Lower glume: shoulder width	narrow to medium	medium	narrow
<input type="checkbox"/> Lower glume: shoulder shape	slightly sloping to straight	slightly sloping to straight	slightly sloping to straight
<input type="checkbox"/> Lower glume: beak length	long	medium to long	medium to long
<input type="checkbox"/> Lower glume: beak shape	slightly curved	straight to slightly curved	slightly curved
<input type="checkbox"/> Lowest lemma: beak shape	moderately curved	straight to slightly curved	straight to slightly curved
<input type="checkbox"/> *Grain: colour	white	white	white
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Zippy'	'Kalannie'	'Wyalkatchem'
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<input type="checkbox"/> Ear: intensity of colour	weak	very weak	very weak
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Statistical Table

Organ/Plant Part: Context	'Zippy'	'Kalannie'	'Wyalkatchem'
<input checked="" type="checkbox"/> Plant: mature height (cm)			
Mean	73.62	75.40	69.75
Std. Deviation	3.41	4.13	4.58
LSD/sig	2.92	ns	P≤0.01
<input type="checkbox"/> Ear: length (mm)			
Mean	62.46	68.03	65.99
Std. Deviation	6.88	6.52	4.32
LSD/sig	4.83	P≤0.01	ns
<input checked="" type="checkbox"/> Awn: length (mm)			
Mean	42.02	65.95	55.51
Std. Deviation	7.41	7.41	5.39
LSD/sig	5.29	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Glume: length (mm)			
Mean	7.78	8.91	9.32
Std. Deviation	0.29	0.41	0.38
LSD/sig	0.32	P≤0.01	P≤0.01
<input type="checkbox"/> Glume: width (mm)			
Mean	4.04	4.26	4.02
Std. Deviation	0.26	0.24	0.19
LSD/sig	0.20	P≤0.01	ns
<input checked="" type="checkbox"/> Glume beak: length (mm)			
Mean	5.74	5.95	6.10
Std. Deviation	1.28	1.11	1.78
LSD/sig	0.95	ns	ns

Prior Applications and Sales

Nil.

Description: **David Collins**, Northam WA

Details of Application

Application Number	2010/188
Variety Name	'JUSTICA CL Plus'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	24 Sep 2010
Applicant	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
Agent	N/A
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy South Australia
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	2010
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In 2009 the area carried a faba bean crop which was harvested for grain and the resultant stubble was baled and removed. Pre-seeding herbicides Boxer Gold (2.5L), Roundup Powermax (1.5L) and Lontrel (100ml) together with an insecticide Imidan (150ml) were applied prior to seeding on 8 Jun 2010. 90kg DAP fertiliser was applied with the seed. The season was very favourable for growth of the crop and of weeds and disease, so the trial was sprayed post emergence with Hussar OD (100ml), Lontrel (100ml) to control weeds, with Rogor insecticide (100ml), fungicide Opus 125 (500ml) for stripe rust and powdery mildew. Crop performance was enhanced with the application of micronutrients and urea (50kg). Late in the season aphids needed to be controlled and Chlorpirifos (400ml) and Alphacypemetherin (200ml) was applied. At no time was the trial stressed by the weather so varieties were able to fully express their genetic potential.
Trial Design	Randomised block design of 3 blocks and 40 entries consisting of comparators and potential candidates. Sown in 12 ranges of 4 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot.
Measurements	Qualitative characters were recorded for every replicate at the appropriate growth stage. Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using GENSTAT software.
RHS Chart - edition	N/A

Origin and Breeding

A backcross was completed between the two parents ‘Gladius’ and ‘Janz’*2//‘Wilg4’/11A in 2004 resulting in the population coded CO7615 with pedigree (‘Gladius’/4/‘RAC1268’*2/3/‘Janz’*2//‘Wilg4’/11A). BC1F1 seed was grown over the winter of 2005 at Roseworthy (SA) and the F2 population was grown over summer 2005/06. The F3 bulk was grown during 2006 at Roseworthy and plants showing tolerance to imidazolinone herbicide were selected and multiplied over summer 2006/07. These lines entered stage 1 testing in 2007, stage 2 testing in 2008 and stage 4 testing in 2009. Over this time, lines were evaluated for tolerance to imidazolinone herbicide, agronomic performance, end use quality and disease resistance at nurseries located in WA, SA, Vic, NSW and QLD. At the end of stage 2 testing in 2008 an elite individual (CO7615-87) was identified and named RAC1683. After multiplying pure seed selections during 2008/9 and 2009, seed of RAC1683 began commercial multiplication in 2009/10 and 2010. Breeder: Australian Grain Technologies Pty Ltd, Glen Osmond, 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	tolerance to imidazolinone herbicide (Intervix®)	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Clearfield WHT JNZ’	
‘Clearfield WHT STL’	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Gladius’	Plant tolerance to imidazolinone herbicide (Intervix®)	present	absent	‘Gladius’ died when sprayed with normal rate of Intervix®. No effect on candidate.

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

Organ/Plant Part: Context	'JUSTICA CL Plus'	'Clearfield WHT JNZ'	'Clearfield WHT STL'
<input checked="" type="checkbox"/> *Plant: growth habit	erect to semi-erect	intermediate	semi-erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	medium	absent or very low
<input type="checkbox"/> *Time of: ear emergence	medium	medium	medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	weak to medium	weak to medium
<input type="checkbox"/> *Ear: glaucosity	medium to strong	medium	medium to strong
<input checked="" type="checkbox"/> Culm: glaucosity of neck	strong	medium	medium to strong
<input type="checkbox"/> *Plant: length	very short to short	short	short
<input type="checkbox"/> *Straw: pith in cross section	very thin to thin	thin	very thin to thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	parallel sided
<input type="checkbox"/> *Ear: density	lax to medium	lax to medium	lax to medium
<input type="checkbox"/> Ear: length	short	short	short
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	short to medium	medium	short to medium
<input type="checkbox"/> *Ear: colour	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Lower glume: shoulder width	narrow	narrow	narrow
<input type="checkbox"/> Lower glume: shoulder shape	sloping to slightly sloping	sloping	slightly sloping
<input type="checkbox"/> Lower glume: beak length	short to medium	short to medium	short to medium
<input checked="" type="checkbox"/> Lower glume: beak shape	slightly curved to moderately curved	straight to slightly curved	slightly curved to moderately curved
<input type="checkbox"/> Lowest lemma: beak shape	straight	straight	straight
<input type="checkbox"/> *Grain: colour	white	white	white
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type
<input type="checkbox"/> Glutenin composition: allele expression at locus Glu-B1	bands 7+8		bands 7+9
<input type="checkbox"/> Glutenin composition: allele expression at locus Glu-D1	bands 5+10	bands 2+12	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘JUSTICA CL Plus’	‘Clearfield WHT JNZ’	‘Clearfield WHT STL’
<input type="checkbox"/> Plant: tolerance to imidazolinone herbicide (Intervix®)	present	present	present

Statistical Table

Organ/Plant Part: Context	‘JUSTICA CL Plus’	‘Clearfield WHT JNZ’	‘Clearfield WHT STL’
<input type="checkbox"/> Plant: time of ear emergence (Julian days)			
Mean	277	273.3	280.3
Std. Deviation	1.33	1.15	0.58
LSD/sig	2.2	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	87.8	96.1	99.7
Std. Deviation	3.43	3.66	3.50
LSD/sig	3.0	P≤0.01	P≤0.01
<input type="checkbox"/> Ear: length (mm)			
Mean	83.15	79.8	81.5
Std. Deviation	6.77	6.06	5.94
LSD/sig	7.61	ns	ns
<input type="checkbox"/> Flag Leaf: width (mm)			
Mean	17.6	15.2	15.9
Std. Deviation	1.41	0.94	0.99
LSD/sig	1.9	P≤0.01	ns
<input checked="" type="checkbox"/> Flag Leaf: length (mm)			
Mean	201.25	207.5	239.9
Std. Deviation	19.35	22.24	29.07
LSD/sig	33	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Glen Osmond, SA.

Details of Application

Application Number	2010/187
Variety Name	'SABEL CL Plus'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	24 Sep 2010
Applicant	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
Agent	N/A
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy South Australia
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	2010
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In 2009 the area carried a faba bean crop which was harvested for grain and the resultant stubble was baled and removed. Pre-seeding herbicides Boxer Gold (2.5L), Roundup Powermax (1.5L) and Lontrel (100ml) together with an insecticide Imidan (150ml) were applied prior to seeding on 8 Jun 2010. 90kg DAP fertiliser was applied with the seed. The season was very favourable for growth of the crop and of weeds and disease, so the trial was sprayed post emergence with Hussar OD (100ml), Lontrel (100ml) to control weeds, with Rogor insecticide (100ml), fungicide Opus 125 (500ml) for stripe rust and powdery mildew. Crop performance was enhanced with the application of micronutrients and urea (50kg). Late in the season aphids needed to be controlled and Chlorpirifos (400ml) and Alphacypemetherin (200ml) was applied. At no time was the trial stressed by the weather so varieties were able to fully express their genetic potential.
Trial Design	Randomised block design of 3 blocks and 40 entries consisting of comparators and potential candidates. Sown in 12 ranges of 4 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot.
Measurements	Qualitative characters were recorded for every replicate at the appropriate growth stage. Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using GENSTAT software.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: a backcross was completed between the two parents ‘Gladius’ and ‘Frame’//‘Wilg4’/11A/3/‘Sunmist’ in 2004 resulting in the population coded CO7439 with pedigree (‘Gladius’*2/4/‘Frame’//‘Wild4’/11A/3/‘Sunmist’). BC1F1 seed was grown over the winter of 2005 at Roseworthy (SA) and the F2 population was grown over summer 2005/06. The F3 bulk was grown during 2006 at Roseworthy and plants showing tolerance to imidazolinone herbicide were selected and multiplied over summer 2006/07. These lines entered stage 1 testing in 2007, stage 2 testing in 2008 and stage 4 testing in 2009. Over this time, lines were evaluated for tolerance to imidazolinone herbicide, agronomic performance, end use quality and disease resistance at nurseries located in WA, SA, Vic, NSW and QLD. At the end of stage 2 testing in 2008 an elite individual (CO7439-352) was identified and named RAC1671. After testing pure seed selections for offtypes in 2008/9 and 2009 the line was re-coded RAC1671R and the seed used for commercial multiplication in 2009/10 and 2010. Breeder: Australian Grain Technologies Pty Ltd, Glen Osmond, 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	tolerance to imidazolinone herbicide (Intervix®)	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Clearfield WHT JNZ’	
‘Clearfield WHT STL’	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Gladius’	Plant tolerance to imidazolinone herbicide (Intervix®)	present	absent	‘Gladius’ died when sprayed with normal rate of Intervix®. No effect on candidate.

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

Organ/Plant Part: Context	'SABEL CL Plus'	'Clearfield WHT JNZ'	'Clearfield WHT STL'
<input checked="" type="checkbox"/> *Plant: growth habit	erect	intermediate	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	medium	absent or very low
<input type="checkbox"/> *Time of: ear emergence	medium	medium	medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong to very strong	weak to medium	weak to medium
<input checked="" type="checkbox"/> *Ear: glaucosity	strong to very strong	medium	medium to strong
<input checked="" type="checkbox"/> Culm: glaucosity of neck	strong to very strong	medium	medium to strong
<input type="checkbox"/> *Plant: length	short	short	short
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	very thin to thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	parallel sided
<input type="checkbox"/> *Ear: density	medium	lax to medium	lax to medium
<input type="checkbox"/> Ear: length	short	short	short
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	short to medium	medium	short to medium
<input type="checkbox"/> *Ear: colour	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium to broad	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	straight	sloping	sloping to slightly sloping
<input type="checkbox"/> Lower glume: beak length	short to medium	short to medium	short to medium
<input type="checkbox"/> Lower glume: beak shape	slightly curved	straight to slightly curved	slightly curved to moderately curved
<input type="checkbox"/> Lowest lemma: beak shape	straight	straight	straight
<input type="checkbox"/> *Grain: colour	white	white	white
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type
<input type="checkbox"/> Glutenin composition: allele expression at locus Glu-B1	bands 7+8		bands 7+9
<input type="checkbox"/> Glutenin composition: allele expression at locus Glu-D1	bands 5+10	bands 2+12	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘SABEL CL Plus’	‘Clearfield WHT JNZ’	‘Clearfield WHT STL’
<input type="checkbox"/> Plant: tolerance to imidazolinone herbicide (Intervix®)	present	present	present

Statistical Table

Organ/Plant Part: Context	‘SABEL CL Plus’	‘Clearfield WHT JNZ’	‘Clearfield WHT STL’
<input checked="" type="checkbox"/> Plant: time to ear emergence (Julian days)			
Mean	277.9	273.3	280.3
Std. Deviation	0.79	1.15	0.58
LSD/sig	2.2	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: height (cm)			
Mean	94.7	96.1	99.7
Std. Deviation	2.74	3.66	3.50
LSD/sig	3.0	ns	P≤0.01
<input checked="" type="checkbox"/> Ear: ear length (mm)			
Mean	79.7	79.8	81.5
Std. Deviation	6.83	6.06	5.94
LSD/sig	7.61	ns	ns
<input checked="" type="checkbox"/> Flag Leaf: width (mm)			
Mean	17.9	15.2	15.9
Std. Deviation	1.49	0.94	0.99
LSD/sig	1.9	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag Leaf: length (mm)			
Mean	177.9	207.5	239.9
Std. Deviation	17.65	22.24	29.07
LSD/sig	33.0	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Glen Osmond, SA.

Details of Application

Application Number	2010/186
Variety Name	'KORD CL Plus'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	24 Sep 2010
Applicant	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
Agent	N/A
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy, SA
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	2010
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In 2009 the area carried a faba bean crop which was harvested for grain and the resultant stubble was baled and removed. Pre-seeding herbicides Boxer Gold (2.5L), Roundup Powermax (1.5L) and Lontrel (100ml) together with an insecticide Imidan (150ml) were applied prior to seeding on 8 Jun 2010. 90kg DAP fertiliser was applied with the seed. The season was very favourable for growth of the crop and of weeds and disease, so the trial was sprayed post emergence with Hussar OD (100ml), Lontrel (100ml) to control weeds, with Rogor insecticide (100ml), fungicide Opus 125 (500ml) for stripe rust and powdery mildew. Crop performance was enhanced with the application of micronutrients and urea (50kg). Late in the season aphids needed to be controlled and Chlorpirifos (400ml) and Alphacypemetherin (200ml) was applied. At no time was the trial stressed by the weather so varieties were able to fully express their genetic potential.
Trial Design	Randomised block design of 3 blocks and 40 entries consisting of comparators and potential candidates. Sown in 12 ranges of 4 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot.
Measurements	Qualitative characters were recorded for every replicate at the appropriate growth stage. Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using GENSTAT software.
RHS Chart - edition	N/A

Origin and Breeding

Controlled Pollination: a backcross was completed between the two parents ‘Gladius’ and ‘Frame’//‘Wilg4’/11A/3/‘Sunmist’ in 2004 resulting in the population coded CO7439 with pedigree (‘Gladius’*2/4/‘Frame’//‘Wild4’/11A/3‘Sunmist’). BC1F1 seed was grown over the winter of 2005 at Roseworthy (SA) and the F2 population was grown over summer 2005/06. The F3 bulk was grown during 2006 at Roseworthy and plants showing tolerance to imidazolinone herbicide were selected and multiplied over summer 2006/07. These lines entered stage 1 testing in 2007, stage 2 testing in 2008 and stage 3 testing in 2009. Over this time, lines were evaluated for tolerance to imidazolinone herbicide, agronomic performance, end use quality and disease resistance at nurseries located in WA, SA, Vic, NSW. At the end of stage 2 testing in 2008 an elite individual (CO7439-276) was identified and named RAC1669. After testing pure seed selections for offtypes in 2008/9 and 2009 the line was re-coded RAC1669R and the seed used for commercial multiplication in 2009/10 and 2010. Breeder: Australian Grain Technologies Pty Ltd, Glen Osmond, 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	tolerance to imidazolinone herbicide (Intervix®)	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Clearfield WHT JNZ’	
‘Clearfield WHT STL’	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Gladius’	Plant tolerance to imidazolinone herbicide (Intervix®)	present	absent	‘Gladius’ died when sprayed with normal rate of Intervix®. No effect on candidate.

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

Organ/Plant Part: Context	‘KORD CL Plus’	‘Clearfield WHT JNZ’	‘Clearfield WHT STL’
<input checked="" type="checkbox"/> *Plant: growth habit	erect	intermediate	semi-erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	medium	absent or very low
<input type="checkbox"/> *Time of: ear emergence	medium	medium	medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong to very strong	weak to medium	weak to medium
<input checked="" type="checkbox"/> *Ear: glaucosity	strong to very strong	medium	medium to strong
<input checked="" type="checkbox"/> Culm: glaucosity of neck	strong to very strong	medium	medium to strong
<input type="checkbox"/> *Plant: length	short	short	short
<input type="checkbox"/> *Straw: pith in cross section	very thin to thin	thin	very thin to thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	parallel sided
<input type="checkbox"/> *Ear: density	medium	lax to medium	lax to medium
<input type="checkbox"/> Ear: length	short to medium	short	short
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	short to medium	medium	short to medium
<input type="checkbox"/> *Ear: colour	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	weak	absent or very weak	absent or very weak
<input type="checkbox"/> Lower glume: shoulder width	medium	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	straight	sloping	sloping to slightly sloping
<input type="checkbox"/> Lower glume: beak length	short to medium	short to medium	short to medium
<input type="checkbox"/> Lower glume: beak shape	straight to slightly curved	straight to slightly curved	slightly curved to moderately curved
<input checked="" type="checkbox"/> Lowest lemma: beak shape	slightly curved	straight	straight
<input type="checkbox"/> *Grain: colour	white	white	white
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type
<input type="checkbox"/> Glutenin composition: allele expression at locus Glu-B1	bands 7+8		bands 7+9
<input type="checkbox"/> Glutenin composition: allele expression at locus Glu-D1	bands 5+10	bands 2+12	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘KORD CL Plus’	‘Clearfield WHT JNZ’	‘Clearfield WHT STL’
<input type="checkbox"/> Plant: tolerance to imidazolinone herbicide (Intervix®)	present	present	present

Statistical Table

Organ/Plant Part: Context	‘KORD CL Plus’	‘Clearfield WHT JNZ’	‘Clearfield WHT STL’
<input checked="" type="checkbox"/> Plant: time to ear emergence (Julian days)			
Mean	273.8	273.3	280.3
Std. Deviation	0.58	1.15	0.58
LSD/sig	2.2	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	91.78	96.1	99.7
Std. Deviation	2.40	3.66	3.50
LSD/sig	3.0	P≤0.01	P≤0.01
<input type="checkbox"/> Ear: length (mm)			
Mean	80.26	79.80	81.50
Std. Deviation	7.45	6.06	5.94
LSD/sig	7.61	ns	ns
<input type="checkbox"/> Flag Leaf: width (mm)			
Mean	16.15	15.2	15.9
Std. Deviation	1.76	0.94	0.99
LSD/sig	1.9	ns	ns
<input checked="" type="checkbox"/> Flag Leaf: length (mm)			
Mean	181.1	207.5	239.9
Std. Deviation	17.35	22.24	29.07
LSD/sig	33.0	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Glen Osmond, SA.

Details of Application

Application Number	2010/185
Variety Name	'ESTOC'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	24 Sep 2010
Applicant	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
Agent	N/A
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy, South Australia
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	2010
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In 2009 the area carried a faba bean crop which was harvested for grain and the resultant stubble was baled and removed. Pre-seeding herbicides Boxer Gold (2.5L), Roundup Powermax (1.5L) and Lontrel (100ml) together with an insecticide Imidan (150ml) were applied prior to seeding on 8th Jun 2010. 90kg DAP fertiliser was applied with the seed. The season was very favourable for growth of the crop and of weeds and disease, so the trial was sprayed post emergence with Hussar OD (100ml), Lontrel (100ml) to control weeds, with Rogor insecticide (100ml), fungicide Opus 125 (500ml) for stripe rust and powdery mildew. Crop performance was enhanced with the application of micronutrients and urea (50kg). Late in the season aphids needed to be controlled and Chlorpirifos (400ml) and Alphacypetherin (200ml) was applied. At no time was the trial stressed by the weather so varieties were able to fully express their genetic potential.
Trial Design	Randomised block design of 3 blocks and 40 entries consisting of comparators and potential candidates. Sown in 12 ranges of 4 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using GENSTAT software.
RHS Chart - edition	N/A

Origin and Breeding

Controlled Pollination: a complex cross was completed between the parents ‘Stylet’ and CO6143 (an F1 from the cross VM931/RAC935) in 2001 resulting in the population coded CO6326. F1 seed was entered into a single seed descent programme, and after multiplication at Gibson (WA) during winter 2003. Two lines were then included in stage 1 testing in 2004, and a single line, CO6326-002, was evaluated in stage 2 trials in 2005. In 2006 this line entered stage 3 testing and was renamed RAC1412. Over this time, lines were evaluated for agronomic performance, end use quality and disease resistance at nurseries located in WA, SA, Vic, NSW and QLD. RAC1412 was further evaluated in stage 4 trials from 2007 to 2010, and in NVT trials from 2008 to 2010. Seed purification began in 2007 and this seed has been used for 2009 and 2010 trials as well as the seed source for commercial seed multiplication. Breeder: Australian Grain Technologies Pty Ltd, Glen Osmond, 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
Straw	pith in cross section	very thin to thin
Ear	colour	white
Awns or scurs	presence	awns present
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Seasonal	type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Yitpi’	
‘LongReach Scout’	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Correll’	Plant growth habit	erect to semi-erect	intermediate	
‘Correll’	Glutenin composition: expression at locus Glu-B1	bands 7+9	bands 7+8	

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

Organ/Plant Part: Context	‘ESTOC’	‘LongReach Scout’	‘Yitpi’
<input type="checkbox"/> *Plant: growth habit	erect to semi-erect	erect to semi-erect	semi-erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	low to medium	medium to high
<input type="checkbox"/> *Time of: ear emergence	early to medium	medium	early to medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	medium to strong	weak to medium
<input checked="" type="checkbox"/> *Ear: glaucosity	strong	medium	medium to strong
<input checked="" type="checkbox"/> Culm: glaucosity of neck	strong to very strong	medium to strong	medium to strong
<input type="checkbox"/> *Plant: length	short to medium	medium	medium
<input type="checkbox"/> *Straw: pith in cross section	very thin to thin	thin	very thin to thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	tapering	parallel sided
<input checked="" type="checkbox"/> *Ear: density	medium	lax	medium to dense
<input type="checkbox"/> Ear: length	short to medium	medium	short to medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	short to medium	short	short to medium
<input type="checkbox"/> *Ear: colour	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	very weak to weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Lower glume: shoulder width	narrow	medium	medium
<input type="checkbox"/> Lower glume: shoulder shape	sloping	slightly sloping	straight
<input checked="" type="checkbox"/> Lower glume: beak length	medium to long	short	short to medium
<input type="checkbox"/> Lower glume: beak shape	slightly curved	slightly curved to moderately curved	slightly curved to moderately curved
<input checked="" type="checkbox"/> Lowest lemma: beak shape	slightly curved	slightly curved	straight
<input type="checkbox"/> *Grain: colour	white	white	white
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type
<input type="checkbox"/> Glutenin composition: allele expression at locus Glu-A1	band 1		
<input type="checkbox"/> Glutenin composition: allele expression at locus Glu-B1	bands 7+9		bands 7+8
<input type="checkbox"/> Glutenin composition: allele expression at locus Glu-D1	bands 5+10		

Statistical Table

Organ/Plant Part: Context	'ESTOC'	'LongReach Scout' 'Yitpi'	
☑ Plant: time to ear emergence (Julian days)			
Mean	277.8	272.1	279.3
Std. Deviation	0.87	1.14	0.58
LSD/sig	2.2	P≤0.01	ns
☑ Plant: height (cm)			
Mean	92.85	97.5	99.3
Std. Deviation	2.49	3.05	2.43
LSD/sig	3.0	P≤0.01	P≤0.01
☑ Ear: length (mm)			
Mean	80.1	93.15	82.65
Std. Deviation	5.44	6.85	5.95
LSD/sig	7.61	P≤0.01	ns
☑ Flag Leaf: width (mm)			
Mean	14.7	15.2	16.5
Std. Deviation	0.84	1.05	0.83
LSD/sig	1.9	ns	P≤0.01
☑ Flag Leaf: length (mm)			
Mean	187.35	205.4	222.8
Std. Deviation	20.70	24.76	28.35
LSD/sig	33.0	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Andrew Cecil**, Australian Grain Technologies Pty Ltd, Glen Osmond, SA.

Details of Application

Application Number	2009/196
Variety Name	'LongReach Orion'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	LRPB Orion
Accepted Date	10 Sep 2009
Applicant	LongReach Plant Breeders Management Pty Ltd, Lonsdale, SA
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	May – Nov 2010
Conditions	Sown into long fallow self mulching grey clay soil, Field D1A, 50kg/ha Urea applied pre planting.
Trial Design	Plots arranged in randomised complete blocks, 12m long and 2m wide (5 rows) in 4 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 variety is resulted from a planned breeding program. The first cross (Tatiara/QAL2000) for LPB04-2039 was made by Lindsay O'Brien of Solheimar Pty Ltd in Narrabri, NSW in 2001. The F1 line was transferred to LongReach Plant Breeders (LRPB). A single seed descent population was developed, LPB04-2039 was selected from this SSD population by Dr. Bertus Jacobs, LRPB. In 2004 LRPB entered LPB04-2039 into LRPB stage 1 field trials at sites in NSW, VIC, SA and WA. The line has been evaluated by LRPB in yield and quality trials from 2004 to 2009. Selection criteria: disease resistance, agronomic type and flour and end use properties.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Ear	colour	white
Awns or scurs	presence	present
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'QAL 2000'	Parental variety
'Bowie'	
'Yenda'	

Variety 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 Orion'	'Bowie'	'QAL 2000'	'Yenda'
<input type="checkbox"/> *Plant: growth habit	semi-erect to intermediate	semi-erect	intermediate	semi-erect
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	medium to strong
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	absent or very low	low	medium
<input type="checkbox"/> *Time of: ear emergence	medium	medium	medium	medium to late
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	weak	weak	strong	medium
<input type="checkbox"/> *Ear: glaucosity	weak	weak	absent or very weak	weak
<input checked="" type="checkbox"/> Culm: glaucosity of neck	weak	medium	strong	medium to strong
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	very thin	thin to medium	medium to thick
<input type="checkbox"/> *Ear: shape in profile	tapering	parallel sided	tapering	parallel sided
<input checked="" type="checkbox"/> *Ear: density	dense	lax to medium	medium	medium
<input checked="" type="checkbox"/> *Awns or scurs: presence	scurs present	scurs present	awns present	awns present
<input checked="" type="checkbox"/> *Awns of scurs at tip of ear: length	short	short	long	long
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface	very weak to weak	medium	weak	weak to medium
<input checked="" type="checkbox"/> Lower glume: shoulder width	broad	broad	medium	medium to broad
<input checked="" type="checkbox"/> Lower glume: shoulder shape	straight to elevated	slightly sloping	straight	elevated
<input checked="" type="checkbox"/> Lower glume: beak length	very short to short	very short	long	long
<input type="checkbox"/> Lower glume: beak shape	straight to slightly curved	slightly curved	straight to slightly curved	slightly curved
<input checked="" type="checkbox"/> Lower glume: extent of internal hair	very weak	very weak	medium	medium
<input type="checkbox"/> Lowest lemma: beak shape	straight	straight	straight	slightly curved
<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 Orion'	'Bowie'	'QAL 2000'	'Yenda'
<input checked="" type="checkbox"/> Stem rust gene Sr24: present/absent	present	absent	present	absent

<input checked="" type="checkbox"/>	Stripe rust gene Yr17: present/absent	present	absent	present	
<input checked="" type="checkbox"/>	Leaf rust gene Lr24: present/absent	present	absent	present	absent
<input checked="" type="checkbox"/>	Coleoptile: length	long		medium	medium

Statistical Table

Organ/Plant Part: Context	'LongReach Orion'	'Bowie'	'QAL 2000'	'Yenda'
<input checked="" type="checkbox"/> Plant length: length (cm)				
Mean	93.87	95.60	84.45	90.80
Std. Deviation	4.74	4.45	5.86	4.03
LSD/sig	5.32	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Ear length: length (mm)				
Mean	112.50	97.75	96.00	95.00
Std. Deviation	9.54	10.44	7.88	9.45
LSD/sig	9.32	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2009/195
Variety Name	'LongReach Scout'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	LRPB Scout
Accepted Date	10 Sep 2009
Applicant	LongReach Plant Breeders Management Pty Ltd, Lonsdale, SA
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>) UPOV TG 3/11
Period	May – November 2010
Conditions	Sown into long fallow self mulching grey clay soil, Field D1A, 50kg/ha Urea applied pre planting. Plots arranged in randomised complete blocks, 12m long and 2m wide (5 rows) in 4 replicates.
Trial Design	Plots arranged in randomised complete blocks, 12m long and 2m wide (5 rows) in 4 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 variety is resulted from a planned breeding program. The first cross (Sunstate/QH71-6//Yitpi) for LPB05-1164 was made by Dr David Bonnett in Canberra, ACT in 2001. The line was selected from the progeny in Canberra in 2004. In 2004/05 Dr Bertus Jacobs, LongReach Plant Breeders selected LPB05-1164 from F4:5 populations in its summer breeding nursery at Manjimup, WA. Seed was multiplied in a summer nursery in 2004/05 at Manjimup, WA. The line was evaluated by LRPB in yield and quality trials commencing in 2005. Selection criteria: yield, disease resistance, agronomic type and quality traits.

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
Straw	pith in cross section	thin
Ear	colour	white
Awns or scurs	presence	present
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Yitpi'	Parental variety
'Sunstate'	Parental variety
'Correll'	
'Drysdale'	

Variety 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 Scout'	'Correll'	'Drysdale'	'Sunstate'	'Yitpi'
<input checked="" type="checkbox"/> *Plant: growth habit	semi-erect	intermediate	semi-erect to intermediate	semi-erect	intermediate
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	weak		absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	medium to high	high	high	medium
<input type="checkbox"/> *Time of: ear emergence	medium	early to medium	medium	early	early to medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	strong	strong	medium	very weak to weak	medium
<input checked="" type="checkbox"/> *Ear: glaucosity	strong	strong	strong	absent or very weak	weak to medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	strong	strong	medium	very weak to weak	
<input type="checkbox"/> *Straw: pith in cross section	very thin	thin	thin	thin	very thin to thin
<input type="checkbox"/> *Ear: shape in profile	tapering	parallel sided	parallel sided	tapering	parallel sided
<input type="checkbox"/> *Ear: density	medium	medium	medium	medium	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	medium	medium to long	medium to long	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	strong	weak	weak	medium
<input checked="" type="checkbox"/> Lower glume: shoulder width	broad	broad	narrow	narrow	medium
<input type="checkbox"/> Lower glume: shoulder shape	slightly sloping to straight	straight	slightly sloping	sloping	straight
<input type="checkbox"/> Lower glume: beak length	short to medium	short	short	short	medium
<input type="checkbox"/> Lower glume: beak shape	straight to slightly curved	slightly curved	straight	straight	
<input checked="" type="checkbox"/> Lower glume: extent	very weak	medium	weak	medium	weak

of internal hair

<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 Scout’	‘Correll’	‘Drysdale’	‘Sunstate’	‘Yitpi’
<input checked="" type="checkbox"/> coleoptile: length	long			short	medium
<input checked="" type="checkbox"/> Straw: strength	intermediate to strong			weak	
<input checked="" type="checkbox"/> Stripe rust gene Yr17: present/absent	present				absent
<input checked="" type="checkbox"/> stem rust gene Sr38: present/absent	present				absent
<input checked="" type="checkbox"/> Leaf rust gene Lr37: present/absent	present				absent
<input checked="" type="checkbox"/> Stem rust gene Sr8a: present/absent	present				absent
<input checked="" type="checkbox"/> Leaf rust gene Lr1: present/absent	present				absent

Statistical Table

Organ/Plant Part: Context	‘LongReach Scout’	‘Correll’	‘Drysdale’	‘Sunstate’	‘Yitpi’
<input checked="" type="checkbox"/> Plant length: length (cm)					
Mean	85.57	87.75	97.35	104.00	86.40
Std. Deviation	7.08	4.32	3.78	7.13	7.13
LSD/sig	6.85	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Ear length: length (mm)					
Mean	92.65	86.75	100.25	104.75	87.50
Std. Deviation	6.84	7.99	8.95	7.15	7.86
LSD/sig	8.31	ns	ns	P≤0.01	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/182
Variety Name	'Marks Mini'
Genus Species	<i>Agonis flexuosa</i>
Common Name	Willow Myrtle
Synonym	
Accepted Date	11 Oct 2010
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway, Muchea, WA
Descriptor	Willow Peppermint PBR AGON
Period	Jan 2010 – Aug 2010
Conditions	Potted into 250mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50km north of Perth, WA.
Trial Design	Observations were made on all plants. Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: In Mar 2006 a seedling selection was made of a very compact plant from within a seedling batch of the common form of *Agonis flexuosa* grown as nursery production stock near Bunbury, WA. From Aug 2006 – Sep 2007 four generations of cuttings were taken to increase numbers. In Jul 2008 plants were initiated into tissue Culture at Lullfitz Nursery. In Jan 2009 plants were deflasked and grown on for evaluation at Lullfitz Nursery where the variety performed well and was selected for commercialisation. In Mar 2010 plants were potted for comparative trial. The variety has been stable through all generations. Breeder: Mark Kennedy, Myalup, WA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	short
Anthocyanin	presence	absent [Is it also absent in comparator? If not then delete. If it is then add to table as Additional characteristic
Plant	growth habit	Semi-upright
Stem	degree of basal branching	strong to very strong
Leaf	variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Nana'	<i>Agonis flexuosa</i> 'Nana' is the closest VCK due to it being the lowest growing variety on the market

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

Organ/Plant Part: Context	'Marks Mini'	'Nana'
<input type="checkbox"/> Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> Plant: vigour	weak	medium
<input type="checkbox"/> Plant: height	short	short
<input type="checkbox"/> Plant: density	dense	medium to dense
<input type="checkbox"/> Stem: inner angle of lateral shoots to main stem	acute	acute
<input checked="" type="checkbox"/> Stem: colour of young stem (RHS colour chart)	168B	187B
<input type="checkbox"/> Stem: degree of basal branching	strong to very strong	strong to very strong
<input checked="" type="checkbox"/> Leaf blade: length	short	medium
<input checked="" type="checkbox"/> Leaf blade: width	narrow	medium
<input type="checkbox"/> Leaf blade: shape	lanceolate	lanceolate
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> Leaf blade: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf blade: undulation of margin	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf blade: cross-section	concave	concave to flat
<input type="checkbox"/> Leaf blade: curvature of longitudinal section	straight	straight to recurved
<input type="checkbox"/> Leaf blade: variegation	absent	absent
<input checked="" type="checkbox"/> Leaf blade: colour of immature leaf (RHS colour chart)	152D	N199A
<input type="checkbox"/> Leaf blade: colour of mature leaf (RHS colour chart)	146A	147A

Prior Applications and Sales

Nil.

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

Details of Application

Application Number 2006/271
Variety Name 'KIBOU'
Genus Species *Lactuca sativa*
Common Name Lettuce
Synonym
Accepted Date 10 Nov 2006
Applicant Rijk Zwaan Zaadteelt en Zaadhandel BV, De Lier, The Netherlands
Agent Rijk Zwaan Australia Pty Ltd, Daylesford, VIC
Qualified Person Arie Baelde

Details of Comparative Trial

Overseas Testing Geves / France
Authority
Overseas Data 1018248
Reference Number
Location GEVES / France Brion (49) et Cavaillon (84)
Descriptor Lettuce (*Lactuca sativa*) TG/13/9
Period 2006

Origin and Breeding

Controlled pollination: Between 'Kristine cross' and a Rijk Zwaan breeding line with advanced resistance to *Bremia lactucae*, using a modified line and pedigree selection method. Main selection criteria: Bremia resistance, Nasonovia resistance, LMV resistance, slow bolting, no tip burn. Breeder: Rijk Zwaan Zaadteelt en Zaadhandel BV, De Lier, The Netherlands. Main selection criteria: *Bremia* resistance, multileaf-trait, no tipburn. The breeders used a modified line and pedigree selection method to select 'Kibou' out of a cross between 'Kipling' and a Rijk Zwaan breeding line with advanced resistance to *Bremia lactucae*. Breeders: Rijk Zwaan Zaadteelt en Zaadhandel BV

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	black
Seedling	anthocyanin colouration	absent
Plant	head formation	open head
Leaf	hue of green of colour of outer leaves	yellowish
Leaf	anthocyanin coloration	absent
Resistance to	downy mildew (<i>Bremia lactucae</i>) isolate B1 23	present
Seedling	shape of cotyledon	broad elliptic
Leaf	tip of blade	rounded
Leaf blade	venation	not flabellate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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‘Kipling’

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

Organ/Plant Part: Context	‘KIBOU’	‘Kipling’
<input type="checkbox"/> *Seed: colour	black	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent
<input type="checkbox"/> Seedling: size of cotyledon	large	medium to large
<input type="checkbox"/> Seedling: shape of cotyledon	broad elliptic	broad elliptic
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect to prostrate	semi-erect to prostrate
<input type="checkbox"/> Leaf blade: division	lobed	lobed
<input type="checkbox"/> *Plant: diameter	medium to large	large
<input type="checkbox"/> *Plant: head formation	open head	open head
<input type="checkbox"/> Head: density	dense	dense
<input checked="" type="checkbox"/> Head: size	medium	large
<input type="checkbox"/> *Head: shape in longitudinal section	circular	
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	horizontal	semi-erect to horizontal
<input type="checkbox"/> *Leaf: shape	transverse elliptic	obovate
<input type="checkbox"/> Leaf: tip of leaf blade	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	yellowish	yellowish
<input checked="" type="checkbox"/> *Leaf: intensity of colour of outer leaves	medium	light
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium to strong
<input type="checkbox"/> *Leaf: blistering	medium to strong	strong
<input type="checkbox"/> Leaf: size of blisters	medium	small
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	weak	absent or very weak
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	absent	absent
<input type="checkbox"/> Leaf blade: venation	not flabellate	not flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak	weak
<input type="checkbox"/> Time of: harvest maturity	early to medium	early to medium
<input checked="" type="checkbox"/> *Time of: beginning of bolting under long day conditions	medium	late to very late

<input type="checkbox"/>	Plant: height	short to medium	very short
<input checked="" type="checkbox"/>	Plant: fasciation	present	absent
<input type="checkbox"/>	Plant: intensity of fasciation	strong	
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 21	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 18	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 17	present	present
<input type="checkbox"/>	*Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 23	present	present
<input checked="" type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 22	absent	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 16	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 24	present	present
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate B1 20	present	present
<input type="checkbox"/>	Resistance to: lettuce mosaic virus Strain Ls 1	present	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘KIBOU’	‘Kipling’
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i>	present	present
<input type="checkbox"/> Head : shape in longitudinal section	circular	transverse elliptic
<input type="checkbox"/> Resistance to: downy mildew Isolate B1 25	present	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2005	Granted	‘KIBOU’

First sold July 2005 in The Netherlands

Description: **Arie Baelde**, Rijk Zwaan Australia Pty Ltd, Daylesford, VIC

GRANTS

Alstroemeria hybrid

PERUVIAN LILY

‘Arabella’^ϕ

Application No: 2008/304

Applicant: **Wulfinghoff Alstroemeria B.V.**

Certificate No: 4194 Expiry Date: 28 January, 2031.

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

‘Christina’^ϕ

Application No: 2009/266

Applicant: **Wulfinghoff Alstroemeria B.V.**

Certificate No: 4208 Expiry Date: 31 January, 2031.

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

‘Davina’^ϕ

Application No: 2009/267

Applicant: **Wulfinghoff Alstroemeria B.V.**

Certificate No: 4209 Expiry Date: 31 January, 2031.

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

‘Natalie’^ϕ

Application No: 2008/302

Applicant: **Wulfinghoff Alstroemeria B.V.**

Certificate No: 4192 Expiry Date: 28 January, 2031.

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

‘Tara’^ϕ

Application No: 2008/303

Applicant: **Wulfinghoff Alstroemeria B.V.**

Certificate No: 4193 Expiry Date: 28 January, 2031.

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

Anigozanthos flavidus

KANGAROO PAW

‘Lilac Queen’^ϕ

Application No: 2004/262

Applicant: **New World Flora Pty Ltd**, Manjimp, WA.

Certificate No: 4205 Expiry Date: 31 January, 2031.

Banksia spinulosa var. *collina*

HAIRPIN BANKSIA

‘Goldenlighthouse’^ϕ

Application No: 2005/225

Applicant: **Judith Ann Geary**, Bega, NSW

Certificate No: 4212 Expiry Date: 22 February, 2031.

Chamelaucium hybrid

WAXFLOWER

‘Laura Mae Pearl’^ϕ

Application No: 2003/340

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

Certificate No: 4204 Expiry Date: 31 January, 2031.

Chloris gayana

RHODES GRASS

‘KG2’^ϕ

Application No: 2010/071

Applicant: **Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd**, Kenmore, QLD

Certificate No: 4219 Expiry Date: 28 March, 2031.

‘KP8’^ϕ

Application No: 2010/070

Applicant: **Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd**, Kenmore, QLD

Certificate No: 4218 Expiry Date: 28 March, 2031.

‘Mariner’^ϕ

Application No: 2009/139

Applicant: **Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd**, Kenmore, QLD

Certificate No: 4185 Expiry Date: 17 January, 2031.

‘Sabre’^ϕ

Application No: 2009/141

Applicant: **Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd**, Kenmore, QLD
 Certificate No: 4187 Expiry Date: 17 January, 2031.

‘Toro’^ϕ

Application No: 2009/140
 Applicant: **Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd**, Kenmore, QLD
 Certificate No: 4186 Expiry Date: 17 January, 2031.

Cicer arietinum

CHICKPEA

‘PBA HatTrick’^ϕ

Application No: 2009/185
 Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales**, Orange and **Grains Research & Development Corporation**, Barton, ACT
 Certificate No: 4195 Expiry Date: 28 January, 2031.

‘PBA Slasher’^ϕ

Application No: 2009/186
 Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales**, Orange, NSW and **Grains Research & Development Corporation**, Barton, ACT
 Certificate No: 4196 Expiry Date: 28 January, 2031.

Cynodon dactylon

COUCHGRASS, BERMUDAGRASS

‘Gullygold’^ϕ

Application No: 2009/283
 Applicant: **Thomas G. Parker**
 Certificate No: 4224 Expiry Date: 29 March, 2031.
 Agent: **Dad & Dave's Turf**, Pitt Town, NSW.

Garcinia humilis

ACHACHAIRU

‘A-SE’^ϕ

Application No: 2008/374
 Applicant: **Achacha Fruit Unit Trust**, Greenwich, NSW.
 Certificate No: 4184 Expiry Date: 6 January, 2036.

Hordeum vulgare

BARLEY

‘Finniss’^ϕ

Application No: 2009/058

Applicant: **Adelaide Research & Innovation Pty Ltd**, Adelaide, SA and **Grains Research and Development Corporation**, Barton, ACT.

Certificate No: 4217 Expiry Date: 28 March, 2031.

Agent:

‘Moby’^ϕ

Application No: 2009/015

Applicant: **Pasture Genetics Pty Ltd**, Wingfield, SA.

Certificate No: 4210 Expiry Date: 17 February, 2031.

Lens culinaris

LENTIL

‘PBA Bounty’^ϕ **syn Bounty**^ϕ

Application No: 2009/260

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

Certificate No: 4197 Expiry Date: 28 January, 2031.

Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

‘PBA Flash’^ϕ **syn Flash**^ϕ

Application No: 2009/261

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

Certificate No: 4198 Expiry Date: 28 January, 2031.

Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

Lomandra longifolia x Lomandra confertifolia

MATT RUSH

‘Lime Tuff’^ϕ

Application No: 2008/031

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

Certificate No: 4215 Expiry Date: 22 March, 2031.

Magnolia grandiflora

SOUTHERN MAGNOLIA

‘TMGH’^ϕ

Application No: 2001/139

Applicant: **Tree Introductions Inc.** USA.

Certificate No: 4189 Expiry Date: 28 January, 2036.

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

Medicago sativa

LUCERNE

‘ML 99’^ϕ

Application No: 2000/273

Applicant: **Pasture Genetics Pty Ltd**, Wingfield, SA.

Certificate No: 4214 Expiry Date: 23 March, 2031.

Prunus armeniaca

APRICOT

‘Brittany Gold’^ϕ

Application No: 2006/315

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

Certificate No: 4206 Expiry Date: 14 February, 2036.

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

Prunus avium

SWEET CHERRY

‘Earlisweet’^ϕ

Application No: 2002/158

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

Certificate No: 4200 Expiry Date: 14 February, 2036.

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

‘Panaro Four’^ϕ

Application No: 2002/264

Applicant: **University of Bologna**, Italy.

Certificate No: 4203 Expiry Date: 14 February, 2036.

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

‘Panaro One’^ϕ

Application No: 2002/261
 Applicant: **University of Bologna**, Italy.
 Certificate No: 4201 Expiry Date: 14 February, 2036.
 Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

‘Panaro Three’^ϕ

Application No: 2002/262
 Applicant: **University of Bologna**, Italy.
 Certificate No: 4202 Expiry Date: 14 February, 2036.
 Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

‘Royal Rainier’^ϕ

Application No: 2002/153
 Applicant: **Zaiger's Inc. Genetics**, USA.
 Certificate No: 4199 Expiry Date: 14 February, 2036.
 Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Prunus hybrid

PRUNUS - INTERSPECIFIC PLUM

‘Plumred VI’^ϕ syn Red Red VI^ϕ

Application No: 2009/226
 Applicant: **Lowell G. Bradford**, USA.
 Certificate No: 4216 Expiry Date: 21 March, 2036.
 Agent: **Buchanan's Nursery**, HODGSON VALE, QLD.

‘Wescot’^ϕ

Application No: 2006/359
 Applicant: **Zaiger's Inc. Genetics**, USA.
 Certificate No: 4207 Expiry Date: 31 January, 2036.
 Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Prunus persica

PEACH

‘SUPECHFIFTEEN’^ϕ syn SP15^ϕ

Application No: 2007/056
 Applicant: **Sun World International, LLC**, USA.
 Certificate No: 4190 Expiry Date: 28 January, 2036.
 Agent: **Sun World Australasia**, Oberon, NSW.

Prunus persica var. *nucipersica*

NECTARINE

‘Sunectwentyone’^ϕ syn SN21^ϕ

Application No: 2007/323

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

Certificate No: 4191 Expiry Date: 28 January, 2036.

Agent: **Sun World Australasia, Oberon, NSW.**

Salvia hybrid

SAGE

‘Heatwave Blast’^ϕ

Application No: 2009/021

Applicant: **Plant Growers Australia Pty Ltd**

Certificate No: 4220 Expiry Date: 28 March, 2031.

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

‘Heatwave Glimmer’^ϕ

Application No: 2009/024

Applicant: **Plant Growers Australia Pty Ltd**

Certificate No: 4221 Expiry Date: 29 March, 2031.

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

‘Heatwave Glitter’^ϕ

Application No: 2009/023

Applicant: **Plant Growers Australia Pty Ltd**

Certificate No: 4222 Expiry Date: 29 March, 2031.

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

‘Heatwave Sparkle’^ϕ

Application No: 2009/022

Applicant: **Plant Growers Australia Pty Ltd**

Certificate No: 4223 Expiry Date: 29 March, 2031.

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

Sporobolus virginicus

SAND COUCH

‘QLD-Coast’^ϕ

Application No: 2010/038

Applicant: **The State of Queensland through its Department of Employment, Economic Development and Innovation (DEEDI)**, Brisbane, QLD
Certificate No: 4211 Expiry Date: 16 February, 2031.

Triticum aestivum

WHEAT

'LongReach Beaufort'^ϕ

Application No: 2008/025

Applicant: **C.C. Benoist**, France.

Certificate No: 4213 Expiry Date: 7 March, 2031.

Agent: **LongReach Plant Breeders Management Pty Ltd**, Toowoomba, QLD.

Ulmus parvifolia

CHINESE ELM

'EMER I'^ϕ syn **EMERALD ISLE'**^ϕ

Application No: 1997/291

Applicant: **Athena Trees, Inc.** USA.

Certificate No: 4188 Expiry Date: 28 January, 2036.

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

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Change of Agent

Application No.	Genus	Species	Variety	Changed From	Changed To
2002/046	Euphorbia	pulcherrima	Fismille	Sprint Horticulture Pty Ltd.	Syngenta Seeds Pty Ltd
2002/192	Impatiens	hawkeri	Fisnics Pink	Sprint Horticulture Pty Ltd.	Syngenta Seeds Pty Ltd
2002/193	Impatiens	hawkeri	Fisnics Orange	Sprint Horticulture Pty Ltd.	Syngenta Seeds Pty Ltd
2002/259	Impatiens	hawkeri	Fisnics White	Sprint Horticulture Pty Ltd.	Syngenta Seeds Pty Ltd
2002/260	Impatiens	hawkeri	Fisupnic White	Sprint Horticulture Pty Ltd.	Syngenta Seeds Pty Ltd
2003/013	Euphorbia	pulcherrima	Kamp Burgundy	Sprint Horticulture Pty Ltd.	Syngenta Seeds Pty Ltd
2003/014	Euphorbia	pulcherrima	Fislemon	Sprint Horticulture Pty Ltd.	Syngenta Seeds Pty Ltd
2005/040	Euphorbia	pulcherrima	Fismarble Silver	Sprint Horticulture Pty Ltd.	Syngenta Seeds Pty Ltd
2005/055	Impatiens	hawkeri	Fisnics Lil	Sprint Horticulture Pty Ltd.	Syngenta Seeds Pty Ltd
2007/044	<i>Humulus</i>	<i>lupulus</i>	Super Galena	AJ Park	IP Gateway Patent & Trademark Attorneys
2007/045	<i>Humulus</i>	<i>lupulus</i>	Bravo1	AJ Park	IP Gateway Patent & Trademark Attorneys
2007/046	<i>Humulus</i>	<i>lupulus</i>	Apollo	AJ Park	IP Gateway Patent & Trademark Attorneys
2002/085	<i>Rosa</i>	<i>hybrid</i>	Frantasia	Anthony Tesselaar Plants Pty Ltd	Australian Roses Pty Ltd
1999/072	<i>Leucadendron</i>	<i>gandogerii x spissifolium</i>	Corringle Gold	Proteaflora Nursery Pty Ltd	Corringle Proteas Pty Ltd
2008/225	<i>Rosa</i>	<i>hybrid</i>	Schowinti	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2008/226	<i>Rosa</i>	<i>hybrid</i>	Schaelic	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2008/230	<i>Rosa</i>	<i>hybrid</i>	Schiallo	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2008/231	<i>Rosa</i>	<i>hybrid</i>	Schunukka	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2008/228	<i>Rosa</i>	<i>hybrid</i>	Schathena	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2001/127	<i>Rosa</i>	<i>hybrid</i>	Schretulp	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2001/129	<i>Rosa</i>	<i>hybrid</i>	Schobea	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2004/060	<i>Rosa</i>	<i>hybrid</i>	Scheniet	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2004/059	<i>Rosa</i>	<i>hybrid</i>	Schatina	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2004/058	<i>Rosa</i>	<i>hybrid</i>	Scholtec	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2004/057	<i>Rosa</i>	<i>hybrid</i>	Schrenat	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2001/125	<i>Rosa</i>	<i>hybrid</i>	Schetakup	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2001/128	<i>Rosa</i>	<i>hybrid</i>	Schublove	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2008/232	<i>Rosa</i>	<i>hybrid</i>	Schosonne	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
1995/119	<i>Rosa</i>	<i>hybrid</i>	Schovian	Schreurs Australia (Pty) Ltd	Propagation Australia Pty Ltd
2004/067	<i>Malus</i>	<i>Domestica</i>	Scigold	ANFIC Limited	AJ Park
2000/163	<i>Lavandula</i>	<i>angustifolia</i>	Miss Katherine	Plants Management Australia	Wyvee Horticultural Services

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Denomination Changed

Application No.	Genus	Species	Common Name	Changed From	Changed To
2006/056	Malus	Domestica	Apple	ST 808.15	ANABP 01

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Assignment of Rights

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2006/247	<i>Malus</i>	<i>domestica</i>	PLFOG99	Apple	Terry and Dianne Fogliani	Eagleview Pty Ltd
2004/067	<i>Malus</i>	<i>domestica</i>	Scigold	Apple	Prevar Limited	The New Zealand Institute for Plant and Food Research Limited
2000/163	<i>Lavandula</i>	<i>angustifolia</i>	Miss Katherine	English Lavender	Norfolk Lavender Ltd	Aline Fairweather Limited

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WITHDRAWN

The following varieties are no longer under PBR provisional protection

App. No.	Genus	Species	Common Name	Variety
2009/328	<i>Cannabis</i>	<i>sativa</i>	Industrial Hemp	FibreKing
2005/067	<i>Vitis</i>	<i>cinerea</i>	Sweet Winter Grape	M61-36
1996/193	<i>Aeschynomene</i>	<i>villosa</i>	Villose Jointvetch	KRETSCHMER
1996/194	<i>Aeschynomene</i>	<i>villosa</i>	Villose Jointvetch	REID
1995/213	<i>Paspalum</i>	<i>atratum</i>	Paspalum	SUERTE
2003/329	<i>Pelargonium</i>	<i>crispum</i>	Pelargonium	Randy
2010/250	<i>Dianthus</i>	<i>caryophyllus</i>	Carnation	Floriruby
2010/254	<i>Dianthus</i>	<i>caryophyllus</i>	Carnation	Floricoral
2006/219	<i>Festuca</i>	<i>arundinacea</i>	Tall Fescue	Resolute II
2001/124	<i>Rosa</i>	<i>hybrida</i>	Rose	Schromiup
2001/126	<i>Rosa</i>	<i>hybrida</i>	Rose	Schipral
2001/130	<i>Rosa</i>	<i>hybrida</i>	Rose	Schrasies
2002/083	<i>Rosa</i>	<i>hybrida</i>	Rose	Schrefile
2008/227	<i>Rosa</i>	<i>hybrida</i>	Rose	Schiflute
2009/291	<i>Rosa</i>	<i>hybrid</i>	Rose	Grandtnahcne
2004/127	<i>Citrus</i>	<i>sinensis</i>	Sweet Orange	Incan Sun
1996/192	<i>Centrosema</i>	<i>pubescens</i>		Cardillo
2006/044	<i>Clematis</i>	<i>viticella</i>	<i>Clematis</i>	Evipo017
2006/046	<i>Clematis</i>	<i>viticella</i>	<i>Clematis</i>	Evipo023
2006/135	<i>Clematis</i>	<i>viticella</i>	<i>Clematis</i>	Evipo021
2006/047	<i>Clematis</i>	<i>viticella</i>	<i>Clematis</i>	Evipo024
2006/014	<i>Clematis</i>	<i>florida</i>	<i>Clematis</i>	Evipo006
2006/136	<i>Clematis</i>	<i>viticella</i>	<i>Clematis</i>	Evipo009
2006/045	<i>Clematis</i>	<i>viticella</i>	<i>Clematis</i>	Evipo019
2009/351	<i>Hordeum</i>	<i>vulgare</i>	Barley	ND 19119-5
2004/099	<i>Osteospermum</i>	<i>ecklonis</i>	Cape Daisy	Aknam
2000/306	<i>Osteospermum</i>	<i>ecklonis</i>	Cape Daisy	Pemba
2000/304	<i>Osteospermum</i>	<i>ecklonis</i>	Cape Daisy	Aksullo
2000/303	<i>Osteospermum</i>	<i>ecklonis</i>	Cape Daisy	Aksis

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Grants Surrendered

App. No.	Genus	Species	Variety	Synonym	Common Name
2005/150	<i>Verbena</i>	<i>xhybrida</i>	Balazmapurp		Garden Verbena
2005/152	<i>Angelonia</i>	<i>angustifolia</i>	Balanglast		Angelonia
2005/153	<i>Angelonia</i>	<i>angustifolia</i>	Balangbawi		Angelonia
2007/014	<i>Rosa</i>	<i>hybrid</i>	Olijkiwi		Rose
2003/001	<i>Rosa</i>	<i>hybrid</i>	Lexplut		Rose
2002/335	<i>Rosa</i>	<i>hybrid</i>	Selantel		Rose
2008/073	<i>Paspalum</i>	<i>vaginatum</i>	S198	Sea Isle Supreme	Seashore Paspalum
2002/053	<i>Prunus</i>	<i>persica</i> var. <i>nucipersica</i>	Ruby Sweet		Nectarine
2004/196	<i>Acmena</i>	<i>smithii</i>	Mauve Maisie		Lilly Pilly
2004/286	<i>Diascia</i>	<i>hybrid</i>	Codipeaim		Twinspur
1992/126	<i>Aeschynomene</i>	<i>americana</i>	LEE		American Jointvetch
2006/328	<i>Fuchsia</i>	<i>hybrid</i>	Goetzpeg	Peggy	Fuchsia
2004/003	<i>Angelonia</i>	<i>angustifolia</i>	Balangbeke		<i>Angelonia</i>
2003/208	<i>Angelonia</i>	<i>hybrid</i>	Balangimpu		<i>Angelonia</i>
2003/211	<i>Angelonia</i>	<i>hybrid</i>	Balangdepi		<i>Angelonia</i>
2002/193	<i>Impatiens</i>	<i>hawkeri</i>	Fisnics Orangw	FIB 132	New Guinea Impatiens
2005/338	<i>Yucca</i>	<i>recurvifolia</i>	Monca		Soft Leaf Yucca
2002/252	<i>Phormium</i>	<i>tenax</i>	Merlot		New Zealand Flax
2008/099	<i>Geranium</i>	<i>hybrid</i>	Thunder Cloud		<i>Geranium</i>
2008/139	<i>Phormium</i>	<i>cookianum</i>	Spiky		Flax
2009/028	<i>Geranium</i>	<i>hybrid</i>	Purple Passion		<i>Geranium</i>
2003/140	<i>Anthurium</i>	<i>andraeanum</i>	Exciting Love		<i>Anthurium</i>
1995/017	<i>Argyranthemum</i>	<i>frutescens</i>	Primrose Petite	Primrose	
2006/363	<i>Lilium</i>	<i>hybrid</i>	Catalonie		Oriental Lily
1999/226	<i>Triticum</i>	<i>aestivum</i>	Karlgarin		Wheat
2005/208	<i>Hordeum</i>	<i>vulgare</i>	Yarra		Barley
1992/092	<i>Schlumbergera</i>	<i>truncata</i>	SANIBEL		Christmas Cactus

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Grants Expired

The following varieties are no longer under PBR protection:

App. No.	Genus	Species	Common Name	Variety
1991/017	Galtonia	<i>canidcans</i>	Galtonia	MOONBEAM
1991/015	Trifolium	<i>subterraneum</i>	<i>subterraneum</i>	LEURA
1991/024	Helipterum	<i>anthemoides</i>		Paper Cascade
1991/048	Rosa	<i>hybrid</i>		Cecilia
1991/023	Grevillea	<i>laurifolia</i>		Sunkissed Waters

Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 24 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>Mr Christopher Prescott Prescott Roses Pty Ltd PO Box 507 BERWICK VIC 3806</p>	<p>Member Representing Plant Breeders</p> <p>Mr Denis McGrath Advise Pty Ltd PO Box 63 INVERLEIGH 3321</p>
<p>Member Representing Users</p> <p>Mr Kerrie Gleeson Australian Grain Technologies 23 Pinehurst Avenue PO Box 26 DUBBO NSW 2830</p>	<p>Member Representing Consumers</p> <p>Ms Penny Hendy 483 Ross Road KATUNGA VIC 3640</p>
<p>Member Representing Conservation</p> <p>Professor Robert Henry Centre for Plant Conservation Genetics South Cross University PO Box 157 LISMORE NSW 2480</p>	<p>Member Representing Indigenous Interests</p> <p>Mr John Collyer Worn Gundidj Aboriginal Cooperative PO Box 1134 Warrnambool VIC 3280</p>
<p>Member with Appropriate Qualifications</p> <p>Mr Benny Browne Griffith Hack 509 St Kilda Road MELBOURNE VIC 3004</p>	<p>Member with Appropriate Qualifications</p> <p>Professor Brad Sherman TC Beirne School of Law University of Queensland ST LUCIA QLD 4072</p>
<p>Chair (Delegate of the PBR Registrar)</p> <p>Mr Doug Waterhouse IP Australia PO Box 200 Woden ACT 2606</p>	

APPENDIX 3 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

The following persons have been accredited by the PBR office based on information provided by these persons. From the information provided by the applicants, the PBR office believes that these people can fulfil the role of 'qualified person' in the application for plant breeder's rights. Neither accreditation nor publication of a name in the list of persons is an implicit recommendation of the person so listed. The PBR office cannot be held liable for damages that may arise from the omission or inclusion of a person's name in the list nor does it assume any responsibility for losses or damages arising from agreements entered into between applicants and any person in the list of accredited persons. Qualified persons charge a fee for services rendered.

A guide to the use of the index of consultants:

- locate in the left column of Table 1 the plant group for which you are applying;
- listed in the right column are the names of accredited qualified persons from which you can choose a consultant;
- in Table 2 find that consultant's name, telephone number and area in which they are willing to consult (they may consult outside the nominated area);
- using the "Nomination of Qualified Person" form as a guide, agree provisionally on the scope and terms of the consultancy; complete the form and attach it to Part 1 of the application form;
- when you are notified that your nomination of a consultant qualified person is acceptable in the letter of acceptance of your application for PBR you should again consult the qualified person when planning the rest of the application for PBR.

TABLE 1

PLANT GROUP/SPECIES/FAMILY	CONSULTANT'S NAME (TELEPHONE AND AREA IN TABLE 2)
Actinidia	Lye, Colin Paananen, Ian Richards, Graeme
Agapanthus	Paananen, Ian
Almonds	Cottrell, Matthew Granger, Andrew Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Buchanan, Peter Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce

Anigozanthos	Paananen, Ian Kirby, Greg Smith, Daniel
Anthurium	Paananen, Ian
Aroid	Harrison, Peter
Avocado	Cottrell, Matthew Lye, Colin Edwards, Arthur MacGregor, Alison Owen-Turner, John Parr, Wayne Swinburn, Garth Whiley, Tony
Azalea	Barrett, Mike Hempel, Maciej Paananen, Ian
Barley (Common)	Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James
Berry Fruit	Darmody, Liz Fleming, Graham Greer, Neil Scholefield, Peter Zorin, Margaret
Blackberry (<i>Rubus</i> sp)	Paananen, Ian
Blandfordia	Treverrow, Florence
Blueberry	Paananen, Ian Scalzo, Jessica Zorin, Margaret
Boronia	Umaretiya, Praful
Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian

Brassica	Bannan, Nathaniel Chequer, Robert Cooper, Kath Downes, Ross Easton, Andrew Fennell, John Gororo, Nelson Johnston, Evan Kadkol, Gururaj Laker, Richard Light, Kate McMichael, Prue O'Connell Peter Rhodes, Phil Rudolph, Paul Sanders, Milton Saunders, James Scholefield, Peter Mouwen, Heidi Watson, Brigid Zadow, Diane
Brunia	Dunstone, Bob
Buddleia	Robb, John Paananen, Ian
Buffalo Grass	Paananen, Ian
Calibrachoa	Paananen, Ian
Callistemon	Parsons, Rodney
Camellia	Paananen, Ian Robb, John
Cannabis (low THC varieties only and subject to holding a current licence from the appropriate authority)	Bolton, Keith Calabria, Patrick Warner, Philip
Carnation/Dianthus	Paananen, Ian
Chamelaucium	Umaretiya, Praful

Cereals	Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Johnston, Evan Khan, Akram Mitchell, Leslie Moore, Stephen Oates, John Platz, Greg Porter, Richard Poulsen, David Rhodes, Phil Roake, Jeremy Rogers, Clinton Rose, John Saunders, James Scattini, Walter John Siedel, John Watson, Brigid Wilson, Frances
Cherry	Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Mackay, Alastair Mitchell, Leslie Pumpa, Lucy Scholefield, Peter
Chickpeas	Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James
Chrysanthemum	Paananen, Ian
Citrus	Calabria, Patrick Chalmers, Yasmin Michelle Cottrell, Matthew Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Scholefield, Peter Swinburn, Garth Sykes, Stephen Topp, Bruce
Clivia	Smith, Kenneth

Clover	Bannan, Nathaniel Downes, Ross James, Jennifer Johnston, Evan Lake, Andrew Miller, Jeff Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James Watson, Brigid
Cotton	Khan, Akram Leske, Richard
Cucurbits	Herrington, Mark McMichael, Prue O'Connell Peter Rhodes, Phil Scholefield, Peter Sykes, Stephen
Desmanthus	Brennan, Paul
Dianella	Paananen, Ian
Dogwood	Darmody, Liz Fleming, Graham
Echinacea	Paananen, Ian
Eremophila	Parsons, Rodney
Eucalyptus	Paananen, Ian
Euphorbia	Paananen, Ian
Feijoa	Parr, Wayne Scholefield, Peter
Fibre Crops	Gillespie, David Khan, Akram
Fig	Darmody, Liz Fleming, Graham Parr, Wayne
Flower Bulbs	Verdegaal, John
Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James

Forage Grasses	Bannan, Nathaniel Downes, Ross Fennell, John Harrison, Peter Johnston, Evan Kirby, Greg Mitchell, Leslie Rhodes, Phil Smith, Kevin Watson, Brigid
Forage Legumes	Downes, Ross Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Miller, Jeff Porter, Richard Rhodes, Phil Saunders, James Siedel, John
Fruit	Brown, Gordon Cramond, Gregory Cottrell, Matthew Darmody, Liz Delaporte, Kate Fleming, Graham Gillespie, David Granger, Andrew Kennedy, Peter Lenoir, Roland McCarthy, Alec Mitchell, Leslie Paananen, Ian Parr, Wayne Portman, Sian Pumpa, Lucy Schapel, Amanda Scholefield, Peter
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony

Grape	Burne, Peter Chalmers, Yasmin Michelle Cottrell, Matthew Darmody, Liz Delaporte, Kate Farquhar, Wayne Fleming, Graham Lee, Slade Lye, Colin MacGregor, Alison Mitchell, Leslie Paananen, Ian Parr, Wayne Porter, Richard Pumpa, Lucy Schapel, Amanda Scholefield, Peter Smith, Daniel Swinburn, Garth Sykes, Stephen Valentine, Bruce
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian Parsons, Rodney Umaretiya, Praful
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 Kadkol, Gururaj Kirby, Greg Khan, Akram Knights, Edmund Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John
Lentils	Collins, David Downes, Ross Goulden, David Khan, Akram Porter, Richard Rhodes, Phil Saunders, James
Lilium	Paananen, Ian
Liriope	Paananen, Ian
Lettuce	O'Connell, Peter
Lomandra	Paananen, Ian
Lucerne	Bannan, Nathaniel Downes, Ross Johnston, Evan Lake, Andrew Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James
Lupin	Collins, David Sanders, Milton Rhodes, Phil Saunders, James
Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian

Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony
Mushrooms, edible	Wong, Percy
Myrtaceae	Dunstone, Bob
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James
Oilseed crops	Downes, Ross Poulsen, David Siedel, John Rhodes, Phil Saunders, James
Olives	Bazzani, Mr Luigi Granger, Andrew
Onions	Bannan, Nathaniel Fennell, John Khan, Akram Laker, Richard McMichael, Prue O'Connell Peter Scholefield, Peter Rhodes, Phil

Ornamentals - Exotic

Abell, Peter
Armitage, Paul
Angus, Tim
Barth, Gail
Collins, Ian
Cunneen, Thomas
Darmody, Liz
Delaporte, Kate
Eggleton, Steve
Fisk, Anne Marie
Fleming, Graham
Guy, Gareme
Harrison, Dion
Harrison, Peter
Hempel, Maciej
Johnston, Margaret
Khan, Akram
Lamont, Greg
Larkman, Clive
Lenoir, Roland
Lowe, Greg
Lunghusen, Mark
Mackinnon, Amanda
Marcsik, Doris
McMichael, Prue
Milne,Carolynn
Mitchell, Hamish
Mitchell, Leslie
Oates, John
O'Brien, Shaun
Paananen, Ian
Prescott, Chris
Prince, John
Robb, John
Pumpa, Lucy
Schapel, Amanda
Scholefield, Peter
Singh, Deo
Smith, Ian
Stewart, Angus
Van der Staay,
Rosemaree Anne
Watkins, Phillip
Watkinson, Andrew

Ornamentals - Indigenous

Abell, Peter
 Allen, Paul
 Angus, Tim
 Barrett, Mike
 Barth, Gail
 Cunneen, Thomas
 Delaporte, Kate
 Downes, Ross
 Eggleton, Steve
 Granger, Andrew
 Harrison, Dion
 Harrison, Peter
 Henry, Robert J
 Hockings, David
 Jack, Brian
 Johnston, Margaret
 Kirby, Greg
 Khan, Akram
 Lenoir, Roland
 Lowe, Greg
 Lunghusen, Mark
 Mackinnon, Amanda
 McMichael, Prue
 Milne, Carolynn
 Mitchell, Hamish
 Molyneux, W M
 Oates, John
 O'Brien, Shaun
 Paananen, Ian
 Prince, John
 Pumpa, Lucy
 Schapel, Amanda
 Scholefield, Peter
 Singh, Deo
 Slater, Tony
 Smith, Ian
 Tan, Beng
 Watkins, Phillip

 Ornithopus

 Foster, Kevin
 Nichols, Phillip

 Osmanthus

 Paananen, Ian
 Robb, John

 Osteospermum

 Paananen, Ian

Pastures & Turf

Anderson, Malcolm
 Avery, Angela
 Bannan, Nathaniel
 Cameron, Stephen
 Cook, Bruce
 Downes, Ross
 Harrison, Peter
 Kadkol, Gururaj
 Kemp, Stuart
 Kirby, Greg
 James, Jennifer
 Loch, Don
 McMaugh, Peter
 Miller, Jeff
 Mitchell, Leslie
 Neylan, John
 Paananen, Ian
 Porter, Richard
 Rhodes, Phil
 Rogers, Clinton
 Rose, John
 Saunders, James
 Sewell, James
 Smith, Raymond
 Scattini, Walter John
 Smith, Kevin
 Wilkes, Gregory
 Wilson, Frances
 Zorin, Margaret

Peanut

Cruickshank, Alan
 George, Doug

Pear

Cramond, Gregory
 Darmody, Liz
 Engel, Richard
 Fleming, Graham
 Langford, Garry
 Mackay, Alastair
 Malone, Michael
 Paananen, Ian
 Portman, Anthony
 Richards, Susanna
 Scholefield, Peter
 Tancred, Stephen
 Valentine, Bruce

Pelargonium

Paananen, Ian

Persimmon

Parr, Wayne
 Swinburn, Garth

Petunia

Paananen, Ian

Philodendron

Paananen, Ian

Philotheca

Dunstone, Bob

Phormium

Paananen, Ian

Photinia	Robb, John
Pistacia	Cottrell, Matthew Richardson, Clive Sykes, Stephen
Pisum	Downes, Ross Goulden, David McMichael, Prue Rhodes, Phil Sanders, Milton Saunders, James
Potatoes	Delaporte, Kate Fennell, John Friemond, Terry Guertsen, Paul Hill, Jim Johnston, Evan McMichael, Prue O'Connell Peter Pumpa, Lucy Rhodes, Phil Saunders, James Schapel, Amanda Scholefield, Peter Slater, Tony Wilson, Graeme
Proteaceae	Barth, Gail Kirby, Neil Paananen, Ian Robb, John Scholefield, Peter
Prunus	Buchanan, Peter Calabria, Patrick Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Granger, Andrew Kennedy, Peter Mackay, Alastair Malone, Michael Portman, Anthony Richards, Graeme Richards, Susanna Topp, Bruce Wilkes, Gregory Witherspoon, Jennifer

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 McKirby, Simon Paananen, Ian Prescott, Chris Pumpa, Lucy Schapel, Amanda Scholefield, Peter Swane, Geoff Syrus, A Kim
Scaevola	Paananen, Ian
Sesame	Bennett, Malcolm Harrison, Peter Imrie, Bruce
Sorghum	Khan, Akram
Soybean	Harrison, Peter James, Andrew
Spathiphyllum	Paananen, Ian
Spices and Medicinal Plants	Hoxha, Adriana Khan, Akram

Stone Fruit	Barrett, Mike Cottrell, Matthew Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter MacGregor, Alison Mackay, Alistair Malone, Michael Scholefield, Peter Swinburn, Garth Valentine, Bruce
Strawberry	Herrington, Mark Kadkol, Gururaj Mitchell, Leslie Morrison, Bruce Scholefield, Peter Zorin, Margaret
Sugarcane	Cox, Mike Piperidis, George
Sunflower	George, Doug
Tomato	Herrington, Mark Khan, Akram Laker, Richard McMichael, Prue O'Connell Peter Rhodes, Phil Scholefield, Peter
Tree Crops	McRae, Tony Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Fittler, Michael Harrison, Peter Kulkarni, Vinod Parr, Wayne Scholefield, Peter Whiley, Tony
Umbrella Tree	Paananen, Ian

Vegetables

Bannan, Nathaniel
 Delaporte, Kate
 Fennell, John
 Frkovic, Edward
 Gillespie, David
 Harrison, Peter
 Hoxha, Adriana
 Khan, Akram
 Laker, Richard
 Lenoir, Roland
 MacGregor, Alison
 McMichael, Prue
 Oates, John
 O'Connor, Lauren
 Pearson, Craig
 Pumpa, Lucy
 Rhodes, Phil
 Schapel, Amanda
 Scholefield, Peter
 Westra Van Holthe, Jan

VerbenaPaananen, Ian

Walnut

Cottrell, Matthew
 Mitchell, Leslie

Wheat (Aestivum & Durum Groups)

Brennan, Paul
 Collins, David
 Downes, Ross
 Fittler, Michael
 Hoxha, Adriana
 Kadkol, Gururaj
 Khan, Akram
 Platz, Greg
 Rhodes, Phil
 Rogers, Clinton
 Saunders, James
 Sanders, Milton

ZantedeschiaPaananen, Ian

TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
Abell, Peter	0438 392 837 mobile	Australia
Aberdeen, Ian	03 5782 1029 03 5782 2073 fax	SE Australia
Allen, Paul	07 3824 0263 ph/fax	SE QLD, Northern NSW
Anderson, Malcolm	03 5573 0900 03 5571 1523 fax 017 870 252 mobile	Victoria
Angus, Tim	(64 4) 568 3878 ph/fax 001164211871076 mobile plantatim@zip.co.nz	Australia and New Zealand
Armitage, Paul	03 9756 7233 03 9756 6948 fax	Victoria
Avery, Angela	02 6030 4500 02 6030 4600 fax	South Eastern Australia
Bannan, Nathaniel	03 8318 9019 03 8318 9002 fax	Australia
Barrett, Mike	0429 720 013 mobile 02 9875 3087 02 9980 1662 fax 0407 062 494 mobile	NSW/ACT
Barth, Gail	08 8389 7479	SA and Victoria
Bazzani, Luigi	08 9772 1207 08 9772 1333 fax	Western Australia
Bennett, Malcolm	08 8973 9733 08 8973 9777 fax	NT, QLD, NSW, WA
Bolton, Keith	02 6621 5123 0428 888 123 mobile	Australia
Brennan, Paul	02 6688 0245 0407 662 242 mobile	Australia
Brown, Gordon	03 6239 6411 03 6239 6711 fax	Tasmania
Buchanan, Peter	07 4615 2182 07 4615 2183 fax	Eastern Australia
Burne, Peter	08 8582 0338 ph 08 8583 2104 fax 0418 834 102 mobile	South Australia
Calabria, Patrick	02 6963 6360 0438 636 219 mobile	Riverina area of NSW
Chalmers, Yasmin Michelle	03 5023 4644 03 5023 5814 0428 234 231 mobile	Murray Valley Region – from Swan Hill (VIC) to Waikerie (SA)
Chequer, Robert	03 5382 1269 0419 145 262 mobile	Victoria
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheatbelt of Western Australia
Cooper, Kath	08 8339 3049 0429 191 848 mobile	South Australia
Cottrell, Matthew	03 5024 8603 0438 594010 mobile	Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia

Cruickshank, Alan	07 4160 0722	QLD
	07 4162 3238 fax	
Cunneen, Thomas	02 4889 8647	Sydney Region
	02 4889 8657 fax	
Darmody, Liz	03 9756 6105	Australia
	03 9752 0005 fax	
Delaporte, Kate	08 8373 2488	South Australia
	08 8373 2442 fax	
	0427 394 240 mobile	
Downes, Ross	02 4474 0456 ph	ACT, South East Australia
	02 4474 0476 fax	
	0402472601 mobile	
Dunstone, Bob	02 6281 1754 ph/fax	South East NSW
Easton, Andrew	07 4690 2666	QLD and NSW
	07 4630 1063 fax	
Edwards, Arthur	08 8586 1232	SE Australia
	08 8595 1394 fax	
	0409 609 300 mobile	
Eggleton, Steve	03 9876 1097	Melbourne Region
	03 9876 1696 fax	
Engel, Richard	08 9397 5941	WA
	08 9397 5941 fax	
Fennell, John	08 8369 8840	Australia
	08 8389 8899 fax	
	0401 121 891 mobile	
Farquhar, Wayne	08 85657000	South Australia
	08 85657011 fax	
Fittler, Michael	02 6773 2522	NSW
	02 6773 3238	
Fleming, Graham	03 9756 6105	Australia
	03 9752 0005 fax	
Friemond, Terry	08 9203 6720	Western Australia
	08 9203 6720 fax	
	0438 915 811 mobile	
Foster, Kevin	08 9368 3804	Mediterranean areas of Australia
	08 9474 2840 fax	
Frkovic, Edward	02 6962 7333	Australia
	02 6964 1311 fax	
George, Doug	07 5460 1308	Australia
	07 5460 1112 fax	
Gillespie, David	07 4155 6344	Wide Bay Burnett District, QLD
	07 4155 6656 fax	
Gororo, Nelson	03 5382 5911	Mediterranean areas of Australia
	03 5382 5755 fax	
	0428 534 770 mobile	
Goulden, David	64 3 325 6400	New Zealand
	64 3 325 2074 fax	
Graetz, Darren	08 8303 9362	South Australia
	08 8303 9424 fax	
Granger, Andrew	08 8389 8809	South Australia
	08 8389 8899 fax	
Greer, Neil	07 5441 1118	Australia
	07 5476 0098 fax	
	0418 881 755 mobile	
Guertsen, Paul	02 6845 3789	NSW, VIC, SE QLD
	02 6845 3382 fax	
	0407 658 105 mobile	
Hanger, Brian	03 9837 5547 ph/fax	Victoria
	0418 598106 mobile	

Hare, Ray	02 6763 1232	QLD, NSW VIC & SA
	02 6763 1222 fax	
Harrison, Dion	07 5460 1313	south east QLD and northern NSW
	07 5460 1283 fax	
Harrison, Peter	08 8948 1894 ph	Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas
	08 8948 3894 fax	
	0407 034 083 mobile	
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	Australia
	03 6428 2049 fax	
	0428 262 765 mobile	
Hockings, David	07 5494 3385 ph/fax	Southern Queensland
Hoxha, Adriana	02 9351 8813	NSW
	0427 507 621 mobile/fax	
Imrie, Bruce	02 4474 0951	SE Australia
	02 4474 0952	
	imriesc@sci.net.au	
Iredell, Janet Willa	07 3202 6351 ph/fax	SE Queensland
Jack, Brian	08 9952 5040	South West WA
	08 9952 5053 fax	
James, Andrew	07 3214 2278	Australia
	07 3214 2272 fax	
James, Jennifer	+64 6 3518214	Manawatu Region, New Zealand
Johnston, Evan	64 3358 1745	Canterbury, New Zealand
	0214 417 13 mobile	
Johnston, Margaret	07 5460 1240	SE Queensland
	07 5460 1455 fax	
Kadkol, Gururaj	03 5381 1396	North Western Victoria
	0459 122 542 mobile	
Kemp, Stuart	03 8390 8150	SE Australia
	0437 278 873 mobile	
Kennedy, Peter	02 6382 7600	New South Wales
	02 6382 2228 fax	
Khan, Akram	02 9351 8821	New South Wales
	02 9351 8875 fax	
Kirby, Greg	08 8201 2176	South Australia
	08 8201 3015 fax	
Kirby, Neil	02 4754 2637	New South Wales
	02 4754 2640 fax	
Knights, Edmund	02 6763 1100	North Western NSW
	02 6763 1222 fax	
Kulkarni, Vinod	08 8945 2942	Australia
	0412 681 800 mobile	
Lake, Andrew	08 8177 0558	SE Australia
	0418 818 798 mobile	
	lake@arcom.com.au	
Laker, Richard	08 87258987	Australia
	08 8723 0142 fax	
	0417 855 592 mobile	
Lamont, Greg	02 8778 5388	Sydney region
	02 9734 9866 fax	

Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Larkman, Clive	03 9735 3831 03 9739 6370 larkman@tpgi.com.au	Victoria
Lee, Peter	03 6330 1147 03 6330 1927 fax	SE Australia
Lee, Slade	02 6620 3410 02 6622 2080 fax	Queensland/Northern New South Wales
Lenoir, Roland	02 6231 9063 ph/fax	Australia
Leske, Richard	07 4671 3136 07 4671 3113 fax	Cotton growing regions of QLD & NSW
Light, Kate	03 5362 2175 0419 145 768 mobile	Victoria
Loch, Don	07 3286 1488 07 3286 3094 fax	Queensland
Lowe, Greg	02 4389 8750 02 4389 4958 fax 0411 327390 mobile	Sydney, Central Coast NSW
Lunghusen, Mark	03 5998 2083 03 5998 2089fax 0407 050 133 mobile	Melbourne & environs
Lye, Colin	07 4671 0044 07 4671 0066 fax 0427 786 668 mobile	NT, QLD and NSW
MacGregor, Alison	03 5023 4644 0419 229 713 mobile	Southern Australia – Murray Valley Region
Mackay, Alastair	08 9310 5342 ph/fax 0159 87221 mobile	Western Australia
Mackinnon, Amanda	03 6265 9050 03 6265 9919 fax	Australia
McMaugh, Peter	02 9872 7833 02 9872 7855 fax	Australia
Malone, Michael	+64 6 877 8196 +64 6 877 4761 fax	New Zealand
Marcsik, Doris	08 8999 2017 08 8999 2049	Northern Territory and Queensland
McCarthy, Alec	08 9780 6273 08 9780 6136 fax	South West WA
McKirby, Simon	042 163 8229 mobile	Australia
McMichael, Prue	08 8373 2488 08 8373 2442 fax	SE Australia
McRae, Tony	08 8723 0688 08 8723 0660 fax	Australia
Miller, Jeff	64 6 356 8019 extn 8027 64 3 351 8142 fax	Manawatu region, New Zealand
Milne,Carolynn	07 3206 3509	QLD
Mitchell, Hamish	03 9737 9568 03 9737 9899 fax	Victoria
Mitchell, Leslie	03 5821 2021 03 5831 1592 fax	VIC, Southern NSW
Molyneux, William	03 5965 2011 03 5965 2033 fax	Victoria
Moore, Stephen	02 6799 2230 02 6799 2239 fax	NSW
Morrison, Bruce	03 9210 9251 03 9800 3521 fax	East of Melbourne

Mouwen, Heidi	07 4690 2666 07 4630 1063	QLD, NSW
Neylan, John	03 9886 6200 0413 620 256 mobile	VIC, NSW, SA
Nichols, Phillip	08 9387 7442 08 9383 9907 fax	Western Australia
Oates, John	02 6495 0712 0427 277 951 mobile	Eastern Australia
O'Brien, Shaun	07 5442 3055 07 5442 3044 fax 0407 584 417 mobile	SE Queensland
O'Connell, Peter	02 9403 0787 02 9402 6664 fax 0488 233 704 mobile	VIC, NSW, QLD
O'Connor, Lauren	07 3359 3113 0418 510 480 mobile	Australia
Owen-Turner, John	07 4129 5217 07 4129 5511 fax	Burnett region, Central Queensland region
Paananen, Ian	02 4381 0051 02 8569 1896 fax 0412 826 589 mobile	Australia (based in Sydney) and New Zealand
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Platz, Greg	07 4639 8817 07 4639 8800 fax	QLD, Northern NSW
Porter, Richard	08 8431 5396 08 8431 5396 fax 0413 270 670 mobile	Adelaide region, South Australia
Portman, Anthony	08 9274 5355 08 9250 1859 fax	South-west Western Australia
Portman, Sian	08 9725 0660 0421 606 651 mobile	Western Australia
Poulsen, David	07 4661 2944 07 4661 5257 fax	SE QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Pumpa, Lucy	08 8373 2488 08 8373 2422 fax 0400 041 881 mobile	South Australia
Quinn, Patrick	03 5427 0485	SE Australia
Richards, Graeme	02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	Australia
Richards, Susanna	03 5833 5235 03 5833 5299 fax 0429 674 606 mobile	SE Australia
Richardson, Clive	03 51550255	Victoria
Rhodes, Phil	64 3322 5405 0211 862 422 mobile phil@epr.co.nz	New Zealand
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region

Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
Rogers, Clinton	03 8318 9016 03 8318 9001 fax 0448 160 660 mobile	Australia
Rose, John	07 4661 2944 07 4661 5257 fax	SE Queensland
Rudolph, Paul	03 5381 2168 03 5381 1210 fax 0438 083 840 mobile	Victoria
Saunders, James	03 8318 9016 03 8318 9002 fax 0408 037 801 mobile	Australia
Sanders, Milton	08 9825 8087 08 9387 4388 fax 0427 031 951 mobile	Southern Australia: WA, Vic, NSW, SA
Sewell, James	03 5334 7871 0403 546 811 mobile	Southern Australia
Scalzo, Jessica	+64 6975 8908 2122 689 08 mobile	New Zealand and Australia
Scattini, Walter	07 3356 0863 ph/fax	Tropical and sub-tropical Australia
Schapel, Amanda	08 8373 2488 0408 344 843 mobile	South Australia
Scholefield, Peter	08 8373 2488 08 8373 2442 fax 018 082022 mobile	SE Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane
Slater, Tony	03 9210 9222 03 9800 3521 fax 0408 656 021 mobile	SE Australia
Smith, Kenneth	02 4570 9069	Australia
Smith, Kevin	03 5573 0900 03 5571 1523 fax	SE Australia
Smith, Mike	07 5444 9630	SE Queensland
Smith, Stuart	03 6336 5234 03 6334 4961 fax	SE Australia
Smith, Ian	03 9720 1751 0407 201 789	Australia
Stewart, Angus	02 4385 9788ph/fax 0419 632 123 mobile	Sydney, Gosford
Swane, Geoff	02 6889 1545 02 6889 2533 fax 0419 841580 mobile	Central western NSW
Swinburn, Garth	03 5023 4644 03 5023 5814 fax	Murray Valley Region - from Swan Hill (Vic) to Waikere (SA)
Sykes, Stephen	03 5051 3100 03 5051 3111 fax	Victoria
Syrus, A Kim	03 8556 2555 03 8556 2955 fax	Adelaide
Tan, Beng	08 9266 7168 08 9266 2495	Perth & environs
Tancred, Stephen	07 4681 2931 07 4681 4274 fax 0157 62888 mobile	QLD, NSW
Treverrow, Florence	02 6629 3359	Australia

Topp, Bruce	07 4681 1255	SE QLD, Northern NSW
	07 4681 1769 fax	
Umaretiya, Praful	08 6201 7645	Western Australia
	0432 190 099 mobile	
Valentine, Bruce	02 6361 3919	New South Wales
	02 6361 3573 fax	
Van der Staay, Rosemaree Anne	03 6248 6863	Tasmania
	03 6248 7402 fax	
Verdegaal, John	03 6458 3581	Australia and New Zealand
	03 6458 3581 fax	
Warner, Philip	07 5499 9249 ph/fax	Australia
	0412 162 003 mobile	
Watkins, Phillip	08 9537 1811	Perth Region
	08 9537 3589 fax	
	0416 191 472 mobile	
Watkinson, Andrew	07 5445 6654	Northern NSW and Southern
	0409 065 266 mobile	QLD
Watson, Brigid	03 5688 1058	Victoria
	0429 702 277 mobile	
Westra Van Holthe, Jan	03 9706 3033	Australia
	03 9706 3182 fax	
Whiley, Tony	07 5441 5441	QLD
Wilkes, Gregory	02 4570 1358	Sydney region
	02 4570 1314 fax	
	0418 642 359 mobile	
Wilson, Frances	64 3 318 8514	Canterbury, New Zealand
	64 3 318 8549 fax	
Wilson, Graeme	03 5957 1200	SE Australia
	03 5957 1210 fax	
Wong, Percy	02 9036 7767	Australia
Zadow, Diane	03 5382 1269	Victoria
	03 5381 1210 fax	
	0419 145 763 mobile	
Zorin, Margaret	07 3207 4306	Eastern Australia
	0418 984 555	

**Appendix 4 Index of Accredited
Non-Consultant Qualified
Persons**

Name
Aquilizan, Flaviano
Armour, David
Baelde, Arie
Baker, Grant
Bally, Ian
Bartley, Megan
Bell, David
Birchall, Craig
Bennett, Kathryn
Bennett, Nick
Bernuetz, Andrew
Berryman, Pam
Boorman, Des
Box, Amanda Jane
Brennan, Paul
Brewer, Lester
Brown, Emma
Brindley, Tony
Bunker, John
Bunker, Kerry
Burton, Wayne
Buselich, David
Cameron, Nick
Cecil, Andrew
Chesher, Wayne
Clayton-Greene, Kevin
Constable, Greg
Cook, Esther
Corcoran, Lisa
Coventry, Stewart
Craig, Andrew
Craigie, Gail
Crowhurst, Alan
Culvenor, Richard
De Betue, Remco
de Koning, Carolyn
Done, Anthony
Donnelly, Peter
Downe, Graeme
Eastwood, Russell
Eglinton, Jason
Elliott, Philip
Evans, Pedro
Eykamp, Donald
Eyles, Gary
Fitzgibbon, John
Flett, Peter
Geary, Judith

Gibbons, Philip
Gillies, Leanne
Glover, Russell
Guerciullo, Gaetano
Haire, Chris
Hawkey, David
Hollamby, Gil
Hoppo, Suzanne
Howie, Jake
Hurst, Andrea
Irwin, John
Janhsen, Joanne
Johnson, Peter
Jiranek, Vladimir
Jupp, Noel
Kaehne, Ian
Kaiser, Stefan
Katellaris, Andrew
Katz, Mark
Kebblewhite, Tony
Kempff, Stefan
Kennedy, Chris
Kobelt, Eric
Lacey, Kevin
Lawson, Marion
Leddin, Anthony
Lee, Jodie
Lee, Kathryn
Leeks, Conrad
Leighton, A
Leonforte, Antonio
Lewis, Hartley
Loi, Angelo
Lonergan, Paul
Lowe, Russell
Luckett, David
Mack, Ian
Mackie, Julie
Mansfield, Daniel
Mason, Lloyd
Matic, Rade
Matthews, Michael
May, Peter
McCabe, Dominic
McCallum, Lesley
McCredde, John
McDonald, David
Menzies, Kim
Miller, Kylie
Mitchell, Steven
Moss, Ian
Mullins, Kathleen
Mungall, Neil
Myors, Philip
Nathan, Dutschke

Neilson, Peter
Newman, Allen
Noone, Brian
Norriss, Michael
O'Brien, Tim
O'Sullivan, Robert
Palmer, Ross
Paull, Jeff
Pearce, Bob
Peoples, Alan
Pike, Elise
Porter, Gavin
Potter, Trent
Pressler, Craig
Rayner, Kenneth
Reeve, Christopher
Reid, Peter
Reinke, Russell
Roche, Matthew
Rose, Ian
Russell, Dougal
Sadeque, Abdus
Sanders, Milton
Sanewski, Garth
Sarkhosh, Ali
Schilg, Karl
Schreuders, Harry
Scott, Ralph
Senior, Michael
Smith, Chris
Smith, Leigh
Smith, Malcolm
Smith, Raymond
Smith, Susan
Snelling, Cath
Snowball, Richard
Song, Leonard
Sounness, Janine
Stephens, Joseph
Stiller, Warwick
Stuart, Peter
Sturgess, Eric Percy
Sutton, John
Taylor, Kerry
Todd, Peter
Trigg, Pamela
Trimboli, Daniel
Urwin, Nigel
Vater, Daniel
Vaughan, Peter
Venkatanagappa, Shoba
Venn, Neil
Verdegaal, John
Warner, Bradley
Warren, Andrew

Weatherly, Lilia
Weber, Ryan
Wei, Xianming
Williams, Joanne
Williams, Rex
Williams, Shannon
Wilke, John
Wilson, Rob
Wilson, Stephen
Winter, Bruce
Wirthensohn, Michelle
Yan, Guijun
Zeppa, Aldo

APPENDIX 5

ADDRESSES OF UPOV AND MEMBER STATES

International Union for the Protection of New Varieties of Plants (UPOV):

International Union for the Protection of New Varieties of Plants (UPOV)
34, Chemin des Colombettes
CH-1211
Geneva 20
SWITZERLAND

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

Web site: <http://www.upov.int>

List of Addresses of Plant Variety Protection Offices in UPOV Member States

Status of Ratification in UPOV member States is available from UPOV website.

APPENDIX 6

CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$800. This is a saving of nearly 40% over the normal fee of \$1400.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met:

Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

analysed data. These staff will require the authority to ensure timely maintenance of the trial. Where provided by the PBR office, the protocol and technical guidelines for the conduct of the trial must be followed.

Substantial industry support

Normally the establishment will be recognised by a state or national industry society or association. This may include/be replaced by a written commitment from major nurseries or other applicants, who have a history of regularly making applications for PBR in Australia, to use the facility.

Capability for long-term storage of genetic material

Depending upon the genus, a CTC must be in a position to make a long-term commitment to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as a national genetic resource centre in perpetuity will be favoured.

Contract testing for 3rd Parties

Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

Relationship between CTC and 3rd Parties

A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

One trial at a time

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

One CTC per genus

Normally only one CTC will be authorised to test a genus. Special circumstances may exist (environmental factors, quarantine etc) to allow more than one CTC per genus, though a special case will need to be made to the PBR office. More than one CTC maybe allowed for roses.

One CTC may be authorised to test more than one genus.
Authorisations for each genus will be reviewed periodically.

Authorised Centralised Test Centres (CTCs)

Following publication of applications for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs. Any special conditions are also listed.

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture laboratory	R Kirkham	31/3/97
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/6/97
Ag-Seed Research	Horsham and other sites	Canola	Field, glasshouse, shadehouse, laboratory and biochemical analyses	P Rudolph	30/6/97
Agriculture Western Australia	Northam WA	Wheat	Field, laboratory	D Collins	30/6/97
University of Sydney, Plant Breeding Institute	Camden, NSW	<i>Argyranthemum</i> , <i>Diascia</i> , <i>Mandevilla</i>	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms,	J Oates	30/6/97

			tissue culture, molecular genetics and cytology lab.		
Boulters Nurseries Monbulk Pty Ltd	Monbulk, VIC	Clematis	Outdoor, shadehouse, greenhouse	M Lunghusen	30/9/97
Geranium Cottage Nursery	Galston, NSW	Pelargonium	Field, controlled environment house	I Paananen	30/11/97
Agriculture Victoria	Hamilton, VIC	<i>Perennial ryegrass, tall fescue, tall wheat grass, white clover, Persian clover</i>	Field, shadehouse, glasshouse, growth chambers. Irrigation. Pathology and tissue culture. Access to DNA and molecular marker technology. Cold storage.	M Anderson	30/6/98
Koala Blooms	Monbulk, VIC	<i>Bracteantha</i>	Outdoor, irrigation	M Lunghusen	30/6/98
Redlands Nursery	Redland Bay, QLD	<i>Aglaonema</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	30/6/98
Protected Plant Promotions	Macquarie Fields, NSW	New Guinea Impatiens including <i>Impatiens hawkeri</i> and its hybrids	Glasshouse	I Paananen	30/9/98
University of Queensland, Gatton College	Lawes, QLD	Some tropical pastures	Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage	To be advised	30/9/98
Jan and Peter Iredell	Moggill, QLD	Bougainvillea	Outdoor, shadehouse	J Iredell	30/9/98
Protected Plant Promotions	Macquarie Fields, NSW	<i>Verbena</i>	Glasshouse	I Paananen	31/12/98
Avondale Nurseries Ltd	Glenorie, NSW	<i>Agapanthus</i>	Greenhouse, tissue culture with commercial partnership	I Paananen	31/12/98
Paradise Plants	Kulnura, NSW	<i>Camellia, Lavandula, Osmanthus, Ceratopetalum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/98
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment greenhouses	C Prescott	31/12/98
F & I Baguley Flower and Plant Growers	Clayton South, VIC	<i>Euphorbia</i>	Controlled glasshouses, quarantine facilities, tissue culture	G Guy	31/3/99
Paradise Plants	Kulnura, NSW	<i>Limonium, Raphiolepis, Eriostemon, Lonicera Jasminum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	30/6/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Angelonia</i>	Glasshouse	I Paananen	30/6/00
Carol's Propagation	Alexandra Hills, QLD	<i>Cuphea, Anthurium</i>	Field beds, wide range of comparative varieties	C Milne D Singh	30/6/00
Queensland Department of Primary Industries, Redlands Research Station	Cleveland, QLD	<i>Cynodon, Zoysia</i> and other selected warm season-season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	M Roche	30/9/00

Luff Partnership	Kulnura, NSW	<i>Bracteantha</i>	Field beds, irrigation, shade house, propagation house, cool rooms,	I Dawson	31/12/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Petunia, Calibrachoa</i>	Glasshouse	I Paananen J Oates	31/12/00
NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood,	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt N Derera T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteaflorea Nursery Pty Ltd	Monbulk, VIC	<i>Plectranthus</i>	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	<i>Zingiber</i>	Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services	D Marcsik	30/9/04
Ball Australia	Keysborough, VIC	<i>Impatiens, Verbena</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/04
Floreta Pty Ltd	Redland Bay QLD	<i>Bracteantha</i>	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevard Nurseries Mildura Pty Ltd	Irymple VIC	<i>Zantedeschia</i>	Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics,	K Mullins	31/12/04

			quarantine facilities		
Buchanan's Nursery	Hodgsonvale, QLD	<i>Prunus</i>	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/04
Ball Australia	Keysborough, VIC	<i>Calibrachoa, Osteospermum</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including biotech, propagation, outdoor facilities	I Bally	30/09/05
Blueberry Farms of Australia	Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania	<i>Vaccinium</i>	Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories.	I Paananen	15/10/07
Ball Australia	Keysborough, VIC	<i>Kalanchoe</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	3/6/2008

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
PBseeds	Horsham, VIC	<i>Lens culinaris</i>	Glasshouse, shadehouse, small plot equipment, seed production, processing and long term storage	T Leonforte G Kadkol
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 June 2011.

APPENDIX 7

List of Classes for Variety Denomination Purposes

UPOV Variety Denomination Classes: (UPOV/INF/12/1: ANNEX I)

A Variety Denomination Should not be Used More than Once in the Same Class

For the purposes of providing guidance on the third and fourth sentences of paragraph 2 of Article 20 of the 1991 Act and of Article 13 of the 1978 Act and the 1961 Convention, variety denomination classes have been developed. A variety denomination should not be used more than once in the same class. The classes have been developed such that the botanical taxa within the same class are considered to be closely related and/or liable to mislead or to cause confusion concerning the identity of the variety.

The variety denomination classes are as follows:

(a) General Rule (one genus / one class): for genera and species not covered by the List of Classes in this Annex, a genus is considered to be a class;

(b) Exceptions to the General Rule (list of classes):

(i) classes within a genus: List of classes in this Annex: Part I;

(ii) classes encompassing more than one genus: List of classes in this Annex:

Part II.

LIST OF CLASSES

Part I*Classes within a genus*

	<u>Botanical names</u>	<u>UPOV codes</u>
Class 1.1	Brassica oleracea	BRASS_OLE
Class 1.2	Brassica other than Brassica oleracea	other than BRASS_OLE
Class 2.1	Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima	BETAA_VUL_GVA; BETAA_VUL_GVS
Class 2.2	Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: B. vulgaris L. var. rubra L.), B. vulgaris L. var. cicla L., B. vulgaris L. ssp. vulgaris var. vulgaris	BETAA_VUL_GVC; BETAA_VUL_GVF
Class 2.3	Beta other than classes 2.1 and 2.2.	other than classes 2.1 and 2.2
Class 3.1	Cucumis sativus	CUCUM_SAT
Class 3.2	Cucumis melo	CUCUM_MEL
Class 3.3	Cucumis other than classes 3.1 and 3.2	other than classes 3.1 and 3.2
Class 4.1	Solanum tuberosum L.	SOLAN_TUB
Class 4.2	Solanum other than class 4.1	other than class 4.1

LIST OF CLASSES (Continuation)

Part II

Classes encompassing more than one genus

	<u>Botanical names</u>	<u>UPOV codes</u>
Class 201	Secale, Triticale, Triticum	SECAL; TRITL; TRITI
Class 202	Panicum, Setaria	PANIC; SETAR
Class 203*	Agrostis, Dactylis, Festuca, Festulolium, Lolium, Phalaris, Phleum and Poa	AGROS; DCTLS; FESTU; FESTL; LOLIU; PHALR; PHLEU; POAAA
Class 204*	Lotus, Medicago, Ornithopus, Onobrychis, Trifolium	LOTUS; MEDIC; ORNTP; ONOBR; TRFOL
Class 205	Cichorium, Lactuca	CICHO; LACTU
Class 206	Petunia and Calibrachoa	PETUN; CALIB
Class 207	Chrysanthemum and Ajanía	CHRYS; AJANI
Class 208	(Statice) Goniolimon, Limonium, Psylliostachys	GONIO; LIMON; PSYLL_
Class 209	(Waxflower) Chamelaucium, Verticordia	CHMLC; VERTI; VECHM
Class 210	Jamesbrittania and Sutura	JAMES; SUTER
Class 211	Edible Mushrooms Agaricus bisporus Agaricus blazei Agrocybe cylindracea Auricularia auricula Auricularia polytricha (Mont.) Sacc. Dictyophora indusiata (Ventenat:Persoon) Fischer Flammulina velutipes Ganoderma lucidum (Leyss:Fries) Karsten Grifola frondosa Hericium erinaceum Hypsizigus marmoreus Hypsizigus ulmarius Lentinula edodes Lepista nuda (Bulliard:Fries) Cooke Lepista sordida (Schumacher:Fries) Singer Lyophyllum decastes Lyophyllum shimeji (Kawamura) Hongo Meripilus giganteus (Persoon:Fries) Kártén Mycoleptodonoides aitchisonii (Berkeley) Maas Geesteranus Naematoloma sublateritium Panellus serotinus Pholiota adiposa Pholiota nameko Pleurotus cornucopiae var.citrinooleatus Pleurotus cystidiosus Pleurotus cystidiosus subsp. Abalonus Pleurotus eryngii Pleurotus ostreatus Pleurotus pulmonarius Polyporus tuberaster (Jacquin ex Persoon) Fries Sparassis crispa (Wulfen) Fries Tricholoma giganteum Masee	AGARI_BIS AGARI_BLA AGROC_CYL AURIC_AUR AURIC_POL DICTP_IND FLAMM_VEL GANOD_LUC GRIFO_FRO HERIC_ERI HYPSI_MAR HYPSI_ULM LENTI_ELO LEPIS_NUD LEPIS_SOR LYOPH_DEC LYOPH_SHI MERIP_GIG MYCOL_AIT NAEMA_SUB PANEL_SER PHLIO_ADI PHLIO_NAM PLEUR_COR PLEUR_CYS PLEUR_CYS_ABA PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY PLEUR_ERY POLYO_TUB SPARA_CRI MACRO_GIG

* Classes 203 and 204 are not solely established on the basis of closely related species.

APPENDIX 8**REGISTER OF PLANT VARIETIES**

Register of Plant Varieties contains the legal description of the varieties granted Plant Breeder's Rights. A person may inspect the Register at any reasonable time. Following are the contact details for Registers (1988-2000) kept in each state and territories*

South Australia

Ms Lisa Halskov
AQIS
8 Butler Street
PORT ADELAIDE SA 5000
Phone 08 8305 9706

New South Wales

Mr. Alex Jabs
General Services
AQIS
2 Hayes Road
ROSEBERY NSW 2018
Phone 02 9364 7293

Victoria and Tasmania

Mr. Colin Hall
AQIS
Building D, 2nd Floor
World Trade Centre
Flinders Street
MELBOURNE VIC 3005
Phone 03 9246 6810

Queensland

Mr. Ian Haseler
AQIS
2nd Floor
433 Boundary Street
SPRING HILL QLD 4000
Phone 07 3246 8755

Australian Capital Territory, Northern Territory and Western Australia

ACT and NT Registers are kept
in the Library of PBR Office in Canberra
Phone (02) 6283 2999

* In accordance with an amendment to section 61 of Plant Breeder's Rights Act, from 2002 the Register of Plant Varieties will be available from the Library of PBR Office in Canberra. The Register is also electronically available from the PBR website at <http://pbr.ipaustralia.plantbreeders.gov.au/>



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