

Plant Varieties Journal

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IPAustralia

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

Personal Properties Securities Regime

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

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

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

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

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

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Web: www.ipaustrialia.gov.au



Australian Government
IP Australia

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 23 Issue 1) are listed below:

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

ACCEPTANCES

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

Acmena smithii

LILLY PILLY

‘Minnie Magic’

Application No: 2009/345 Accepted: 15 March, 2010

Applicant: **Paul Mentz, Robin Mentz and Carl Mentz**, Thornlands, Qld.

Arachis hypogaea

PEANUT, GROUND NUT

‘FARNSFIELD’

Application No: 2010/025 Accepted: 25 March, 2010

Applicant: **AgResearch Consultants Inc.**

Agent: **Peanut Company of Australia**, Kingaroy, QLD.

‘Tingoora’

Application No: 2010/028 Accepted: 25 March, 2010

Applicant: **Agri-Science Queensland Department of Employment, Economic Development and Innovation, Grains Research and Development Corporation.**

Agent: **Peanut Company of Australia**, Kingaroy, QLD.

Brassica napus

CANOLA

‘GT-Cougar’

Application No: 2010/004 Accepted: 26 February, 2010

Applicant: **Nugrain Pty. Ltd.**, Laverton North, Vic.

‘GT-Mustang’

Application No: 2010/006 Accepted: 26 February, 2010

Applicant: **Nugrain Pty. Ltd.**, Laverton North, Vic.

‘GT-Scorpion’

Application No: 2010/005 Accepted: 26 February, 2010

Applicant: **Nuseed Pty. Ltd.**, Laverton North, Vic.

Cynara scolymus

GLOBE ARTICHOKE

‘Opera’

Application No: 2009/353 Accepted: 15 January, 2010

Applicant: **Nunhems B.V.**

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

Cynodon dactylon

COUCHGRASS, BERMUDAGRASS

‘Gullygold’

Application No: 2009/283 Accepted: 2 February, 2010

Applicant: **Thomas G. Parker.**

Agent: **Dad & Dave's Turf**, Pitt Town, NSW.

Dahlia hybrid

DAHLIA

‘Barbados’

Application No: 2008/269 Accepted: 24 March, 2010

Applicant: **DALINA ApS.**

Agent: **Pearce's Nurseries Pty Ltd**, Mcleans Ridges, NSW.

Eremochloa ophiuroides

CENTIPEDE GRASS

‘BA-417’

Application No: 2009/180 Accepted: 12 January, 2010

Applicant: **University of Florida.**

Agent: **GeneGro Pty Ltd**, Alexandra Hills, QLD.

Gazania hybrid

GAZANIA

‘Sunhara’

Application No: 2008/215 Accepted: 27 January, 2010

Applicant: **NuFlora International Pty Ltd.**

Agent: **Ramm Botanicals Pty Ltd**, Tuggerah, NSW.

Grevillea x formosa

MT. BROCKMAN GREVILLEA

‘Silver Mist’

Application No: 2009/149 Accepted: 1 March, 2010

Applicant: **Graham Francis Fortune.**

Agent: **Shaun Daniel O'Brien**, Palmwoods, QLD.

Lotus australis

‘LA07’

Application No: 2009/346 Accepted: 15 January, 2010

Applicant: **Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Orange, NSW.**

Lotus corniculatus

BIRDSFOOT TREFOIL

‘LC07AS’

Application No: 2009/347 Accepted: 15 January, 2010

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

‘LC07AT’

Application No: 2009/348 Accepted: 15 January, 2010

Applicant: **Department of Industry and Investment for and on behalf of the State of New South Wales, Future Farm Industries CRC Ltd, Australian Wool Innovation Limited, Orange, NSW.**

‘LC07AUF’

Application No: 2009/350 Accepted: 15 January, 2010

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

‘LC07AUYF’

Application No: 2009/349 Accepted: 15 January, 2010

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

Malus domestica

APPLE

‘Lolly’

Application No: 2009/282 Accepted: 26 February, 2010

Applicant: **Austin Orchards Ltd.**

Agent: **Flemings Nurseries & Associates**, Hoddles Creek, VIC.

‘Minneiska’

Application No: 2009/280 Accepted: 1 February, 2010

Applicant: **Regents of the University of Minnesota.**

Agent: **Spruson & Ferguson**, Sydney, NSW.

Mandevilla hybrid

MANDEVILLA

‘Mandarkred’ syn Aloha Dark Red

Application No: 2010/010 Accepted: 28 January, 2010

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

Agent: **Ramm Botanicals**, Tuggerah, NSW.

‘Manhotpink’ syn Aloha Hot Pink

Application No: 2010/009 Accepted: 28 January, 2010

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

Agent: **Ramm Botanicals**, Tuggerah, NSW.

Mandevilla sanderi

MANDEVILLA

‘Crimson Silk’

Application No: 2010/003 Accepted: 22 January, 2010

Applicant: **E J Bunker.**

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

Ornithopus sativus

FRENCH SERRADELLA

‘02CAD9’

Application No: 2009/337 Accepted: 15 January, 2010

Applicant: **Western Australian Agriculture Authority, Murdoch University.**

Agent: **Western Australian Agriculture Authority**, South Perth, WA.

Osteospermum ecklonis

CAPE DAISY

‘Saksisgolye’ syn Golden Yellow

Application No: 2009/135 Accepted: 26 February, 2010

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

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

Ozothamnus diotophyllus

YELLOW RICE FLOWER

‘RY14’

Application No: 2009/269 Accepted: 3 March, 2010

Applicant: **The University of Queensland.**

Agent: **Fisher Adams Kelly**, Brisbane, QLD.

Paspalum vaginatum

SEASHORE PASPALUM

‘H99-47’

Application No: 2009/179 Accepted: 13 January, 2010

Applicant: **University of Florida Board of Trustees.**

Agent: **GeneGro Pty Ltd**, Alexandra Hills, QLD.

Phormium cookianum

NEW ZEALAND MOUNTAIN FLAX

‘Black Magic’

Application No: 2010/011 Accepted: 28 January, 2010

Applicant: **Vince Naus.**

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

Prunus hybrid

PRUNUS - INTERSPECIFIC PLUM

‘Cot-N-Candy’

Application No: 2009/342 Accepted: 22 January, 2010

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

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

‘Flavor Rouge’

Application No: 2009/341 Accepted: 22 January, 2010
Applicant: **Zaiger's Inc. Genetics.**
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Prunus hybrid

PRUNUS ROOTSTOCK - INTERSPECIFIC CHERRY

‘Marcia's Flavor’

Application No: 2009/343 Accepted: 22 January, 2010
Applicant: **Zaiger's Inc. Genetics.**
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Prunus persica var *nucipersica*

NECTARINE

‘Autumn Bright’

Application No: 2009/232 Accepted: 11 February, 2010
Applicant: **Lowell G. Bradford.**
Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

Ptilotus exaltatus

PTILOTUS

‘Platinum Wallaby’

Application No: 2008/264 Accepted: 2 March, 2010
Applicant: **Passionwood Perennials**, Bilpin, NSW.

Rosa rugosa

RUGOSA ROSE

‘Freycinet’

Application No: 2010/037 Accepted: 15 March, 2010
Applicant: **Prophyl Pty Ltd**, Austin Ferry, TAS.

Rubus hybrid

HYBRID BLACKBERRY

‘DrisBlackTwo’

Application No: 2010/026 Accepted: 24 March, 2010

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

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

Scaevola aemula

FANFLOWER

‘Scacrawl’

Application No: 2008/214 Accepted: 27 January, 2010

Applicant: **NuFlora International Pty Ltd.**

Agent: **Ramm Botanicals Pty Ltd**, Tuggerah, NSW.

‘Scasalute’

Application No: 2008/213 Accepted: 27 January, 2010

Applicant: **NuFlora International Pty Ltd.**

Agent: **Ramm Botanicals Pty Ltd**, Tuggerah, NSW.

Syzygium australe

LILLY PILLY

‘Golden Hedge’ syn Little Ruffles

Application No: 2010/022 Accepted: 30 March, 2010

Applicant: **Lloyd William Vagg.**

Agent: **Bush Garden Nursery Pty Ltd**, Upper Caboolture, Qld.

Thuja occidentalis

WHITE CEDAR

‘Fairy Lights’

Application No: 2010/024 Accepted: 24 February, 2010

Applicant: **Wattagem**, Maccelsfield, VIC.

Tibouchina mutabilis

‘Chameleon’

Application No: 2009/310 Accepted: 14 January, 2010

Applicant: **Terence Charles Keogh**, Victoria Point, QLD.

Trifolium michelianum

BALANSA CLOVER

‘Cobra’

Application No: 2010/047 Accepted: 30 March, 2010

Applicant: **Pristine Forage Technologies Pty Ltd**, Daw Park, SA.

Triticum aestivum

WHEAT

‘IGW2971’

Application No: 2009/299 Accepted: 15 January, 2010

Applicant: **InterGrain Pty Ltd**, Victoria Park, WA.

‘King Rock’

Application No: 2009/300 Accepted: 15 January, 2010

Applicant: **InterGrain Pty Ltd**, Victoria Park, WA.

‘Mansfield’

Application No: 2010/001 Accepted: 22 January, 2010

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

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

Uncinia rubra

UNCINIA

‘Belinda's Find’

Application No: 2010/012 Accepted: 9 February, 2010

Applicant: **Lyndale Intellectual Property Ltd**.

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

Vitis hybrid

GRAPEVINE ROOTSTOCK

‘RS-3’

Application No: 2009/308 Accepted: 15 January, 2010

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

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

‘RS-9’

Application No: 2009/309 Accepted: 15 January, 2010
Applicant: **The Regents of the University of California.**
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

xTriticosecale .

TRITICALE

‘Yowie’

Application No: 2010/027 Accepted: 18 March, 2010
Applicant: **KV Cooper & MG Elleway**, Stirling, SA.

Zantedeschia spp

CALLA LILY

‘Picante’

Application No: 2010/043 Accepted: 23 March, 2010
Applicant: **BLOOMZ Ltd.**
Agent: **Brian Krull**, Hampton, VIC.

Zoysia japonica

ZOYSIA GRASS

‘BA-189’

Application No: 2009/178 Accepted: 12 January, 2010
Applicant: **University of Florida Board of Trustees.**
Agent: **GeneGro Pty Ltd**, Alexandra Hills, QLD.



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 |
|--|-------------------------|---|
| Rhodes Grass (Chloris gayana) | Sabre | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd |
| Rhodes Grass (Chloris gayana) | Mariner | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd |
| Rhodes Grass (Chloris gayana) | Toro | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd |
| Rose Mallow (Hibiscus rosa-sinensis) | Chiffon Breeze | Yoder Brothers, Inc. |
| Chinese Hibiscus (Hibiscus rosa-sinensis) | Tye-Dye Wind | Yoder Brothers, Inc. |
| Rose Mallow (Hibiscus rosa-sinensis) | Montego Wind | Yoder Brothers, Inc. |
| Rose Mallow (Hibiscus rosa-sinensis) | Reggae Breeze | Yoder Brothers, Inc. |
| Chinese Hibiscus (Hibiscus rosa-sinensis) | Baja Breeze | Yoder Brothers, Inc. |
| Barley (Hordeum vulgare) | Moby | Pasture Genetics Pty Ltd |
| Barley (Hordeum vulgare) | Scope | Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation |
| Blady Grass (Imperata cylindrica) | ICL200 | Ozbreed Pty Ltd |
| Lentil (Lens culinaris) | PBA Bounty | Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation |
| | | |

| | | |
|--|------------------|---|
| Lentil (<i>Lens culinaris</i>) | PBA Flash | Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation |
| Matt Rush (<i>Lomandra longifolia x confertifolia</i>) | Lime Tuff | Bushland Flora |
| Southern Magnolia (<i>Magnolia grandiflora</i>) | TMGH | Tree Introductions Inc. |
| Fountain Grass (<i>Pennisetum advena</i>) | MTSN1 | Colourwise Nursery (NSW) Pty Ltd |
| Apricot (<i>Prunus armeniaca</i>) | Goldenmay | Lowell G. Bradford |
| Interspecific apricot (<i>Prunus hybrid</i>) | Wescot | Zaiger's Inc. Genetics |
| Prunus - Interspecific Plum (<i>Prunus hybrid</i>) | Plumsweet IV | Lowell G. Bradford |
| Prunus - Interspecific Plum (<i>Prunus hybrid</i>) | Blackred V | Lowell G. Bradford |
| Peach (<i>Prunus persica</i>) | SUPECHFIFTEEN | Sun World International, LLC |
| Peach (<i>Prunus persica</i>) | Pearl Princess V | Lowell G. Bradford |
| Peach (<i>Prunus persica</i>) | Princess Time | Lowell G. Bradford |
| Peach (<i>Prunus persica</i>) | May Princess | Lowell G. Bradford |
| Nectarine (<i>Prunus persica var nuciperscia</i>) | Sunectwentyone | Sun World International, LLC |
| Nectarine (<i>Prunus persica var nuciperscia</i>) | MajesticPearl | Lowell G. Bradford |
| Nectarine (<i>Prunus persica var nuciperscia</i>) | Autumn Bright | Lowell G. Bradford |
| Nectarine (<i>Prunus persica var nuciperscia</i>) | July Bright | Lowell G. Bradford |
| Japanese Plum (<i>Prunus salicina</i>) | Redyummy | Lowell G. Bradford |
| Rose (<i>Rosa hybrid</i>) | Korhocsel | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (<i>Rosa hybrid</i>) | Kormistiana | W. Kordes' Sohne Rosenschulen GmbH & Co KG |

| | | |
|---|-----------------------|--|
| Rose (<i>Rosa hybrid</i>) | Ausdisco | David Austin Roses Ltd |
| Rose (<i>Rosa hybrid</i>) | Korfirgo | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (<i>Rosa hybrid</i>) | AUSVOLUME | David Austin Roses Ltd |
| Rose (<i>Rosa hybrid</i>) | KORTUFEE | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (<i>Rosa hybrid</i>) | AUSRELATE | David Austin Roses Ltd |
| Rose (<i>Rosa hybrid</i>) | AUSRIMINI | David Austin Roses Ltd |
| Rose (<i>Rosa hybrid</i>) | AUSROVER | David Austin Roses Ltd |
| Rose (<i>Rosa hybrid</i>) | AUSDECORUM | David Austin Roses Ltd |
| Rose (<i>Rosa hybrid</i>) | Lexatseif | Levacy Ltd |
| Rose (<i>Rosa hybrid</i>) | Lexhcaep | Levacy Ltd |
| Rose (<i>Rosa hybrid</i>) | KORGRETAUM | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (<i>Rosa hybrid</i>) | KORABURG | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Rose (<i>Rosa hybrid</i>) | AUSHOMER | David Austin Roses Ltd |
| Rose (<i>Rosa hybrid</i>) | AUSTANGO | David Austin Roses Ltd |
| Sage (<i>Salvia hybrid</i>) | Heatwave Sparkle | Plant Growers Australia Pty Ltd |
| Sage (<i>Salvia hybrid</i>) | Wendy's Wish | Wendy Smith |
| Sage (<i>Salvia hybrid</i>) | Heatwave Blast | Plant Growers Australia Pty Ltd |
| Sage (<i>Salvia hybrid</i>) | Heatwave Glimmer | Plant Growers Australia Pty Ltd |
| Sage (<i>Salvia hybrid</i>) | Heatwave Glitter | Plant Growers Australia Pty Ltd |
| Lilly Pilly (<i>Syzygium australe</i>) | Big Red | Peta & Scott Mclean |
| Talish clover (<i>Trifolium tumens</i>) | Permatas | The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment, University of Tasmania |
| Wheat (<i>Triticum aestivum</i>) | LongReach Beaufort | C.C. Benoist |
| Wheat (<i>Triticum aestivum</i>) | Naparoo | The University of Sydney and Grain Research and Development Corporation (GRDC) |
| Chinese Elm (<i>Ulmus parvifolia</i>) | EMER I | Athena Trees, Inc. |

Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Apricot (*Prunus armeniaca*)

Variety: 'Goldenmay'

Synonym: Golden Glow

Application no: 2009/230

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Sep-2009

Accepted: 11-Nov-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)

Variety: 'Moby'

Synonym: N/A

Application no: 2009/015

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Feb-2009

Accepted: 06-Feb-2009

Granted: N/A

Description published in Plant Varieties Journal: Volume 23, Issue 1

Title Holder: Pasture Genetics Pty Ltd

Agent: N/A

Telephone: 0884451111

Fax: 0884457777

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)

Variety: 'Scope'
Synonym: Scope CL

Application no: 2009/262

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Sep-2009

Accepted: 30-Nov-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties Journal:

Title Agriculture Victoria Services Pty Ltd and Grains

Holder: Research and Development Corporation

Agent: N/A

Telephone: 0392174138

Fax: 0392174161

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Blady Grass (*Imperata cylindrica*)

Variety: 'ICL200'

Synonym: N/A

Application no: 2007/231

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Sep-2007

Accepted: 25-Oct-2007

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Ozbreed Pty Ltd

Agent: N/A

Telephone: 0245772977

Fax: 0245877728

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Chinese Elm (*Ulmus parvifolia*)

Variety: 'EMER I'
Synonym: EMERALD ISLE

Application no: 1997/291

Current status: ACCEPTED

Certificate no: N/A

Received: 04-Nov-1997

Accepted: 05-Nov-1997

Granted: N/A

Description published in Plant Varieties Journal:
Volume 23, Issue 1

Title Holder: Athena Trees, Inc.
Agent: Fleming's Nurseries Pty Ltd
Telephone: 0397566105
Fax: 0397520005

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Chinese Hibiscus (*Hibiscus rosa-sinensis*)**Variety:** 'Tye-Dye Wind'**Synonym:** N/A**Application no:** 2008/343**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Nov-2008**Accepted:** 15-Dec-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 1**Title Holder:** Yoder Brothers, Inc.**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** N/A

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



Date of effect: 10-May-2010



Australian Government
IP Australia

Plant Varieties Journal - Search Result Details

Chinese Hibiscus (*Hibiscus rosa-sinensis*)

Variety: 'Baja Breeze'

Synonym: N/A

Application no: 2008/342

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Nov-2008

Accepted: 15-Dec-2008

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties**Journal:**

Title Holder: Yoder Brothers, Inc.

Agent: Oasis Horticulture Pty Limited

Telephone: 0243826642

Fax: N/A

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Fountain Grass (*Pennisetum advena*)

Variety: 'MTSN1'
Synonym: EmeraldElf

Application no: 2009/364

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Dec-2009

Accepted: 03-May-2010

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties Journal:

Title Holder: Colourwise Nursery (NSW) Pty Ltd

Agent: N/A

Telephone: 0245666177

Fax: 0245666219

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Interspecific apricot (*Prunus hybrid*)**Variety:** 'Wescot'**Synonym:** N/A**Application no:** 2006/359**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Dec-2006**Accepted:** 27-Feb-2007**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties Journal:****Title Holder:** Zaiger's Inc. Genetics**Agent:** Graham's Factree Pty Ltd**Telephone:** 0399991999**Fax:** 0359674645

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Japanese Plum (*Prunus salicina*)**Variety:** 'Redyummy'**Synonym:** Redcandy**Application no:** 2009/223**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Sep-2009**Accepted:** 09-Nov-2009**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 1**Title Holder:** Lowell G. Bradford
Agent: Buchanan's Nursery
Telephone: 0746152182
Fax: 0746152183

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Lentil (*Lens culinaris*)

Variety: 'PBA Bounty'

Synonym: Bounty

Application no: 2009/260

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Sep-2009

Accepted: 09-Nov-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties Journal:

Title Agriculture Victoria Services Pty Ltd and Grains

Holder: Research and Development Corporation

Agent: N/A

Telephone: 0392174138

Fax: 0392174161

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Lentil (*Lens culinaris*)

Variety: 'PBA Flash'

Synonym: Flash

Application no: 2009/261

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Sep-2009

Accepted: 09-Nov-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Agriculture Victoria Services Pty Ltd and Grains

Holder: Research and Development Corporation

Agent: N/A

Telephone: 0392174138

Fax: 0392174161

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Lilly Pilly (*Syzygium australe*)

Variety: 'Big Red'

Synonym: N/A

Application no: 2007/267

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Oct-2007

Accepted: 26-Mar-2008

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Peta & Scott Mclean

Agent: Plants Management Pty. Ltd.

Telephone: 0362692123

Fax: 0362692612

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Matt Rush (*Lomandra longifolia* x *confertifolia*)**Variety:** 'Lime Tuff'**Synonym:** N/A**Application no:** 2008/031**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Feb-2008**Accepted:** 26-Mar-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 1**Title Holder:** Bushland Flora**Agent:** N/A**Telephone:** 0397364364**Fax:** 0397364716

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var *nuciperscia*)

Variety: 'Sunectwentyone'

Synonym: SN21

Application no: 2007/323

Current status: ACCEPTED

Certificate no: N/A

Received: 20-Dec-2007

Accepted: 22-May-2008

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Sun World International, LLC

Agent: Sun World Australasia

Telephone: 0263360655

Fax: 0263361633

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var *nucipersica*)

Variety: 'MajesticPearl'

Synonym: MajesticIce

Application no: 2009/229

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Sep-2009

Accepted: 11-Nov-2009

Granted: N/A

Description published in Plant Varieties Journal: Volume 23, Issue 1

Title Holder: Lowell G. Bradford
Agent: Buchanan's Nursery
Telephone: 0746152182
Fax: 0746152183

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var *nucipersica*)

Variety: 'Autumn Bright'

Synonym: N/A

Application no: 2009/232

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Sep-2009

Accepted: 11-Feb-2010

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Nectarine (*Prunus persica* var *nucipersica*)

Variety: 'July Bright'

Synonym: Julygold

Application no: 2009/222

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Sep-2009

Accepted: 09-Nov-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'SUPECHFIFTEEN'

Synonym: SP15

Application no: 2007/056

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Feb-2007

Accepted: 02-Mar-2007

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties Journal:

Title Holder: Sun World International, LLC

Agent: Sun World Australasia

Telephone: 0263360655

Fax: 0263361633

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'Pearl Princess V'

Synonym: N/A

Application no: 2009/227

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Sep-2009

Accepted: 11-Nov-2009

Granted: N/A

Description published in Plant Varieties Journal:

Volume 23, Issue 1

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'Princess Time'

Synonym: Spring Time

Application no: 2009/224

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Sep-2009

Accepted: 09-Nov-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'May Princess'

Synonym: N/A

Application no: 2009/228

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Sep-2009

Accepted: 11-Nov-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Prunus - Interspecific Plum (*Prunus hybrid*)

Variety: 'Plumsweet IV'

Synonym: Green Red IV

Application no: 2009/225

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Sep-2009

Accepted: 09-Nov-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Lowell G. Bradford

Agent: Buchanan's Nursery

Telephone: 0746152182

Fax: 0746152183

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Prunus - Interspecific Plum (*Prunus hybrid*)**Variety:** 'Blackred V'**Synonym:** Plumback V**Application no:** 2009/231**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Sep-2009**Accepted:** 11-Nov-2009**Granted:** N/A**Description published in Plant Varieties Journal:**

Volume 23, Issue 1

Title Holder: Lowell G. Bradford**Agent:** Buchanan's Nursery**Telephone:** 0746152182**Fax:** 0746152183[View the detailed description of this variety.](#)

Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rhodes Grass (*Chloris gayana*)

Variety: 'Sabre'

Synonym: N/A

Application no: 2009/141

Current status: ACCEPTED

Certificate no: N/A

Received: 11-Jun-2009

Accepted: 13-Jul-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Blue Ribbon Seed and Pulse Exporters Pty Ltd,

Holder: Australian Premium Seeds Holdings Pty Ltd

Agent: N/A

Telephone: 0737201900

Fax: 0737201911

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



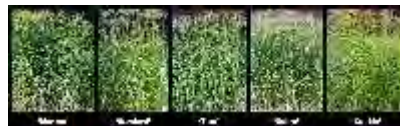
Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rhodes Grass (*Chloris gayana*)**Variety:** 'Mariner'**Synonym:** N/A**Application no:** 2009/139**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 11-Jun-2009**Accepted:** 13-Jul-2009**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title** Blue Ribbon Seed and Pulse Exporters Pty Ltd,**Holder:** Australian Premium Seeds Holdings Pty Ltd**Agent:** N/A**Telephone:** 0737201900**Fax:** 0737201911

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rhodes Grass (*Chloris gayana*)

Variety: 'Toro'

Synonym: N/A

Application no: 2009/140

Current status: ACCEPTED

Certificate no: N/A

Received: 11-Jun-2009

Accepted: 13-Jul-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties Journal:

Title Blue Ribbon Seed and Pulse Exporters Pty Ltd,

Holder: Australian Premium Seeds Holdings Pty Ltd

Agent: N/A

Telephone: 0737201900

Fax: 0737201911

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Korhocsel'

Synonym: N/A

Application no: 2005/096

Current status: ACCEPTED

Certificate no: N/A

Received: 01-Apr-2005

Accepted: 29-Jun-2005

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

Agent: Treloar Roses Pty Ltd

Telephone: 0355292367

Fax: 0355292511

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Kormistiana'**Synonym:** N/A**Application no:** 2006/102**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-May-2006**Accepted:** 21-Jul-2006**Granted:** N/A**Description published in Plant Varieties Journal:**

Volume 23, Issue 1

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG**Agent:** Treloar Roses Pty Ltd**Telephone:** 0355292367**Fax:** 0355292511[View the detailed description of this variety.](#)

Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Ausdisco'

Synonym: N/A

Application no: 2006/060

Current status: ACCEPTED

Certificate no: N/A

Received: 30-Mar-2006

Accepted: 29-Apr-2006

Granted: N/A

Description published in Plant Varieties Journal:

Volume 23, Issue 1

Title Holder: David Austin Roses Ltd

Agent: Siebler Publishing Services

Telephone: 0398895453

Fax: 0398895281

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'Korfirgo'**Synonym:** N/A**Application no:** 2006/099**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-May-2006**Accepted:** 21-Jul-2006**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title Holder:** W. Kordes' Sohne Rosenschulen GmbH & Co KG**Agent:** Treloar Roses Pty Ltd**Telephone:** 0355292367**Fax:** 0355292511[View the detailed description of this variety.](#)

Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'AUSVOLUME'**Synonym:** N/A**Application no:** 2009/034**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Mar-2009**Accepted:** 03-Jul-2009**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title Holder:** David Austin Roses Ltd**Agent:** Siebler Publishing Services**Telephone:** 0398895453**Fax:** 0398895281

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'KORTUFEE'**Synonym:** N/A**Application no:** 2009/032**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Mar-2009**Accepted:** 04-Sep-2009**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title Holder:** W. Kordes' Sohne Rosenschulen GmbH & Co KG**Agent:** Treloar Roses Pty Ltd**Telephone:** 0355292367**Fax:** 0355292511

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'AUSRELATE'**Synonym:** N/A**Application no:** 2009/033**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Mar-2009**Accepted:** 03-Jul-2009**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title Holder:** David Austin Roses Ltd**Agent:** Siebler Publishing Services**Telephone:** 0398895453**Fax:** 0398895281

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'AUSRIMINI'**Synonym:** N/A**Application no:** 2009/035**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Mar-2009**Accepted:** 03-Jul-2009**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title Holder:** David Austin Roses Ltd**Agent:** Siebler Publishing Services**Telephone:** 0398895453**Fax:** 0398895281

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'AUSROVER'

Synonym: N/A

Application no: 2008/098

Current status: ACCEPTED

Certificate no: N/A

Received: 04-Apr-2008

Accepted: 06-May-2008

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: David Austin Roses Ltd

Agent: Siebler Publishing Services

Telephone: 0398895453

Fax: 0398895281

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'AUSDECORUM'**Synonym:** N/A**Application no:** 2008/097**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 04-Apr-2008**Accepted:** 06-May-2008**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 23, Issue 1**Title Holder:** David Austin Roses Ltd
Agent: Siebler Publishing Services
Telephone: 0398895453
Fax: 0398895281

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Lexatseif'

Synonym: N/A

Application no: 2008/336

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Nov-2008

Accepted: 03-Dec-2008

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Levacy Ltd

Agent: Grandiflora Nurseries Pty Ltd

Telephone: 0397822777

Fax: 0397822576

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Lexhcaep'

Synonym: N/A

Application no: 2008/337

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Nov-2008

Accepted: 03-Dec-2008

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Levacy Ltd

Agent: Grandiflora Nurseries Pty Ltd

Telephone: 0397822777

Fax: 0397822576

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'KORGRETAUM'

Synonym: N/A

Application no: 2009/030

Current status: ACCEPTED

Certificate no: N/A

Received: 06-Mar-2009

Accepted: 04-Sep-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

Agent: Treloar Roses Pty Ltd

Telephone: 0355292367

Fax: 0355292511

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'KORABURG'

Synonym: N/A

Application no: 2009/031

Current status: ACCEPTED

Certificate no: N/A

Received: 06-Mar-2009

Accepted: 04-Sep-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

Agent: Treloar Roses Pty Ltd

Telephone: 0355292367

Fax: 0355292511

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'AUSHOMER'

Synonym: N/A

Application no: 2007/099

Current status: ACCEPTED

Certificate no: N/A

Received: 20-Mar-2007

Accepted: 18-May-2007

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: David Austin Roses Ltd

Agent: Siebler Publishing Services

Telephone: 0398895453

Fax: 0398895281

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)**Variety:** 'AUSTANGO'**Synonym:** N/A**Application no:** 2007/098**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Mar-2007**Accepted:** 11-Apr-2007**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties Journal:****Title Holder:** David Austin Roses Ltd**Agent:** Siebler Publishing Services**Telephone:** 0398895453**Fax:** 0398895281

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose Mallow (*Hibiscus rosa-sinensis*)**Variety:** 'Chiffon Breeze'**Synonym:** N/A**Application no:** 2008/332**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Nov-2008**Accepted:** 15-Dec-2008**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title Holder:** Yoder Brothers, Inc.**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** N/A

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose Mallow (*Hibiscus rosa-sinensis*)**Variety:** 'Montego Wind'**Synonym:** N/A**Application no:** 2008/331**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Nov-2008**Accepted:** 15-Dec-2008**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title Holder:** Yoder Brothers, Inc.**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** N/A

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Rose Mallow (*Hibiscus rosa-sinensis*)

Variety: 'Reggae Breeze'

Synonym: N/A

Application no: 2008/333

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Nov-2008

Accepted: 15-Dec-2008

Granted: N/A

Description published in Plant Varieties Journal:

Volume 23, Issue 1

Title Holder: Yoder Brothers, Inc.

Agent: Oasis Horticulture Pty Limited

Telephone: 0243826642

Fax: N/A

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



Date of effect: 10-May-2010



Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sage (*Salvia hybrid*)

Variety: 'Heatwave Sparkle'

Synonym: N/A

Application no: 2009/022

Current status: ACCEPTED

Certificate no: N/A

Received: 17-Feb-2009

Accepted: 10-Apr-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties Journal:

Title Holder: Plant Growers Australia Pty Ltd

Agent: Plants Management Australia Pty Ltd

Telephone: 0362692123

Fax: 0362692612

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Sage (*Salvia hybrid*)

Variety: 'Wendy's Wish'

Synonym: N/A

Application no: 2009/013

Current status: ACCEPTED

Certificate no: N/A

Received: 30-Jan-2009

Accepted: 19-Mar-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Wendy Smith

Agent: Plants Management Australia Pty. Ltd.

Telephone: 0362692123

Fax: 0362692612

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Sage (*Salvia hybrid*)

Variety: 'Heatwave Blast'

Synonym: N/A

Application no: 2009/021

Current status: ACCEPTED

Certificate no: N/A

Received: 17-Feb-2009

Accepted: 10-Apr-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Plant Growers Australia Pty Ltd

Agent: Plants Management Australia Pty Ltd

Telephone: 0362692123

Fax: 0362692612

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Sage (*Salvia hybrid*)

Variety: 'Heatwave Glimmer'

Synonym: N/A

Application no: 2009/024

Current status: ACCEPTED

Certificate no: N/A

Received: 17-Feb-2009

Accepted: 10-Apr-2009

Granted: N/A

Description published in

Plant Volume 23, Issue 1

Varieties

Journal:

Title Holder: Plant Growers Australia Pty Ltd

Agent: Plants Management Australia Pty Ltd

Telephone: 0362692123

Fax: 0362692612

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Sage (*Salvia hybrid*)**Variety:** 'Heatwave Glitter'**Synonym:** N/A**Application no:** 2009/023**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Feb-2009**Accepted:** 10-Apr-2009**Granted:** N/A

Description published in Plant Varieties Journal: Volume 23, Issue 1

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

Title Holder: Plant Growers Australia Pty Ltd**Agent:** Plants Management Australia Pty Ltd**Telephone:** 0362692123**Fax:** 0362692612

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

Date of effect: 10-May-2010





Plant Varieties Journal - Search Result Details

Southern Magnolia (*Magnolia grandiflora*)**Variety:** 'TMGH'**Synonym:** N/A**Application no:** 2001/139**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 21-May-2001**Accepted:** 20-Nov-2001**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title Holder:** Tree Introductions Inc.**Agent:** Fleming's Nurseries Pty Ltd**Telephone:** 0397566105**Fax:** 0397520005

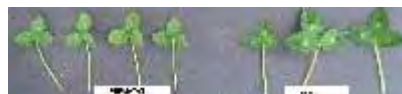
[View the detailed description of this variety.](#)



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Talish clover (*Trifolium tumens*)**Variety:** 'Permatas'**Synonym:** N/A**Application no:** 2008/287**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Sep-2008**Accepted:** 15-Dec-2008**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties Journal:****Title** The Crown in Right of the State of Tasmania through
Holder: the Department of Primary Industries, Water and Environment, University of Tasmania**Agent:** N/A**Telephone:** 0363365200**Fax:** 0363365395[View the detailed description of this variety.](#)

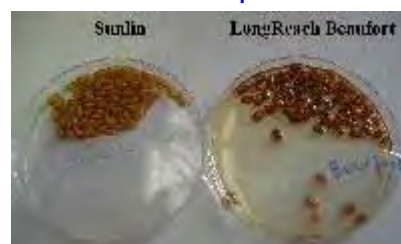
Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'LongReach Beaufort'**Synonym:** N/A**Application no:** 2008/025**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 30-Jan-2008**Accepted:** 18-Mar-2008**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties****Journal:****Title Holder:** C.C. Benoist**Agent:** LongReach Plant Breeders Management Pty Ltd**Telephone:** 039493214**Fax:** 0394553808

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



Date of effect: 10-May-2010



Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)**Variety:** 'Naparoo'**Synonym:** N/A**Application no:** 2006/300**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Nov-2006**Accepted:** 13-Jun-2008**Granted:** N/A**Description published in****Plant** Volume 23, Issue 1**Varieties Journal:****Title** The University of Sydney and Grain Research and**Holder:** Development Corporation (GRDC)**Agent:** Australian Grain Technologies**Telephone:** 0883036862**Fax:** 0883036865

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



Date of effect: 10-May-2010

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2009/230 |
| Variety Name | 'Goldenmay' |
| Genus Species | <i>Prunus armeniaca</i> |
| Common Name | Apricot |
| Synonym | Golden Glow |
| Accepted Date | 11 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 20,104 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352 |
| Descriptor Period | Apricot (<i>Prunus armeniaca</i>) TG/70/4 Rev. 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 20,104. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The present variety was hybridized by Glen Bradford in 2000 as a first generation cross using 'Golden Blush' apricot as the selected seed parent and "16P245" unnamed apricot as the selected pollen parent. The fruit of this cross was gathered and the seeds were removed, cracked, stratified and grown on their own roots in a greenhouse. From there they were planted into a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the fruit evaluation season of 2004 the present variety was selected from the group of seedlings described above. Subsequent to the origination of the present variety it was asexually reproduced through budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|------------------------------|---|
| Fruit | size | medium/medium to large |
| Fruit | ground colour of skin | medium orange/dark orange |
| Fruit | relative area of over colour | small to medium/medium |
| Fruit | time of ripening | very early to early/early |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|--|
| 'Castlebright' | 'Castlebright' matures at the same time as the candidate variety |
| 'Golden Sweet' | 'Golden Sweet' is a maternal grand parent of the candidate variety |
| 'Goldenblush' | 'Goldenblush' is the seed parent of the candidate variety |
| 'Poppicot' | 'Poppicot' is an early 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 |
|----------------|--------------------------------|--|---|--|
| 'Golden Sweet' | Fruit maturity | very early to early | early to medium | 'Golden Sweet' is rejected because of different maturity time. |
| 'Goldenblush' | Fruit size | medium to large | small to medium | |
| 'Poppicot' | Fruit colour of flesh | dark orange | yellow – light 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 | 'Goldenmay' | 'Castlebright' |
|--|---|---|
| <input type="checkbox"/> Tree: vigour | strong | medium to strong |
| <input type="checkbox"/> Tree: habit | spreading | spreading |
| <input type="checkbox"/> Tree: degree of branching | medium to strong | strong |
| <input type="checkbox"/> *Tree: distribution of flower buds | equally on spurs and on one-year old shoots | equally on spurs and on one-year old shoots |
| <input type="checkbox"/> *Young shoot: anthocyanin colouration of apex | medium to strong | medium to strong |
| <input type="checkbox"/> One-year-old shoot: colour on sunny side | red brown | red brown |
| <input type="checkbox"/> One-year old shoot: size of bud support | medium to large | medium |
| <input type="checkbox"/> Leaf blade: length | medium to long | medium to long |
| <input type="checkbox"/> Leaf blade: width | broad | broad |
| <input type="checkbox"/> Leaf blade: ratio length/width | medium | medium |
| <input type="checkbox"/> Leaf blade: intensity of green colour of upper side | dark | dark |
| <input type="checkbox"/> Leaf blade: shape of base | truncate | truncate |

| | | | |
|-------------------------------------|--|--------------------|--------------------|
| <input type="checkbox"/> | Leaf blade: angle of apex (excluding tip) | right-angled | right-angled |
| <input type="checkbox"/> | Leaf blade: length of tip | short | short |
| <input type="checkbox"/> | Leaf blade: incisions of margin | serrate | serrate |
| <input type="checkbox"/> | Leaf blade: undulation of margin | weak to medium | medium |
| <input type="checkbox"/> | Leaf blade: profile in cross section | moderately concave | moderately concave |
| <input type="checkbox"/> | *Petiole: length | medium to long | medium to long |
| <input type="checkbox"/> | Leaf: ratio length of blade/length of petiole | medium | medium |
| <input type="checkbox"/> | Petiole: thickness | thin to medium | medium |
| <input type="checkbox"/> | Petiole: anthocyanin colouration of upper side | medium | weak to medium |
| <input type="checkbox"/> | *Petiole: predominant number of nectaries | two or three | two or three |
| <input type="checkbox"/> | Petiole: size of nectaries | small to medium | small to medium |
| <input checked="" type="checkbox"/> | *Flower: diameter | large | medium |
| <input type="checkbox"/> | Flower: position of stigma relative to anthers | same level | same level |
| <input type="checkbox"/> | Petal: shape (excluding claw) | circular | circular |
| <input checked="" type="checkbox"/> | Petal: colour on lower side | light pink | white |
| <input type="checkbox"/> | *Fruit: size | medium to large | medium |
| <input checked="" type="checkbox"/> | Fruit: shape in lateral view | circular | ovate |
| <input type="checkbox"/> | Fruit: shape in ventral view | circular | circular |
| <input type="checkbox"/> | Fruit: height | medium | medium |
| <input type="checkbox"/> | Fruit: lateral width | broad | medium |
| <input type="checkbox"/> | Fruit: ventral width | broad | medium |
| <input type="checkbox"/> | Fruit: ratio height/ventral width | medium | medium |
| <input type="checkbox"/> | Fruit: ratio lateral width/ventral width | medium | medium |
| <input type="checkbox"/> | Fruit: symmetry in ventral view | symmetric | symmetric |
| <input type="checkbox"/> | *Fruit: suture | slightly sunken | moderately sunken |
| <input type="checkbox"/> | *Fruit: depth of stalk cavity | medium | medium |
| <input type="checkbox"/> | *Fruit: shape of apex | rounded | rounded |
| <input type="checkbox"/> | Fruit: presence of mucron | present | present |
| <input type="checkbox"/> | Fruit: surface | smooth | smooth |
| <input type="checkbox"/> | Fruit: pubescence | present | present |
| <input type="checkbox"/> | *Fruit: ground colour of skin | dark orange | medium orange |
| <input type="checkbox"/> | *Fruit: relative area of over colour | medium | small to medium |
| <input type="checkbox"/> | Fruit: hue of over colour | red | red |

| | | | |
|-------------------------------------|--|---------------------|-------------------|
| <input checked="" type="checkbox"/> | Fruit: intensity of over colour | medium to dark | light to medium |
| <input type="checkbox"/> | Fruit: pattern of over colour | solid flush | solid flush |
| <input checked="" type="checkbox"/> | *Fruit: colour of flesh | dark orange | light orange |
| <input type="checkbox"/> | Fruit: texture of flesh | fine to medium | fine to medium |
| <input checked="" type="checkbox"/> | Fruit: firmness of flesh | firm | medium |
| <input type="checkbox"/> | Fruit: ratio weight of fruit/weight of stone | medium | medium |
| <input type="checkbox"/> | *Fruit: adherence of stone to flesh | weak | weak to medium |
| <input type="checkbox"/> | *Stone: shape in lateral view | elliptic | elliptic |
| <input checked="" type="checkbox"/> | Kernel: bitterness | strong | medium |
| <input checked="" type="checkbox"/> | *Time of: beginning of flowering | early | late to very late |
| <input type="checkbox"/> | *Time of: beginning of fruit ripening | very early to early | early |

Prior Applications and Sales

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

First sold in the USA in Jan 2007.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/015 |
| Variety Name | 'Moby' |
| Genus Species | <i>Hordeum vulgare</i> |
| Common Name | Barley |
| Synonym | |
| Accepted Date | 06 Feb 2009 |
| Applicant | Pasture Genetics Pty Ltd, Wingfield, SA |
| Agent | |
| Qualified Person | Katharine V Cooper |

Details of Comparative Trial

| | |
|---------------------|---|
| Location | Pasture Genetics, Penfield, South Australia |
| Descriptor | Barley (<i>Hordeum vulgare</i>) TG/19/10 |
| Period | Winter to spring 2009 |
| Conditions | The trial was sown on 15 May 2009, into moist Bay of Biscay soil, following an irrigated summer crop of sorghum. Seeding rate was 50kg/ha. Fertilizer at sowing was 125kg/ha of N=9.1, P=13.2 K=10, S=8.9. Two subsequent applications of 100kg/ha urea applied by fertigation. Weed control was by an application of 2,4-DB herbicide @2.5L/ha. The plants grew well with adequate natural rainfall. |
| Trial Design | 4 replicates each of 'Moby' current generation, 'Moby' previous generation and the comparator, 'Dictator', in randomised design. Plot size is 1.8x10m, with 8 rows. Approximately 800 plants per plot. |
| Measurements | Measurements were made on 25 plants from each of the two most even replicates. |

RHS Chart - edition**Origin and Breeding**

Off-type plants with whitish aleurone and awnless head type, were selected from a trial grown from certified seed of 'Dictator' barley, located on Flett Road, Roseworthy, in 2005. These selections were grown over 3 generations, with rogueing and selection of single plants of the desired phenotype, to form the variety 'Moby', formerly known as PGB01. Selection criteria: uniformity for early forage production, early heading date, awnless (hooded) head type and whitish grain colour. Breeder: Robert Damin, Pasture Genetics Pty Ltd. Selection criteria: uniformity for early forage production, early heading date, awnless (hooded) head type and whitish grain colour.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|------------------|--|
| Ear | presence of awns | absent |
| Ear | number of rows | more than two |
| Plant | seasonal type | spring |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Dictator' | Source variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | |
|-------------|--------------------------------|--|---|---------|
| 'Cape' | Ear | presence of awns | absent | present |
| 'Dictator2' | Ear | number of rows | more than 2 | 2 |

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

| Organ/Plant Part: Context | 'Moby' | 'Dictator' |
|---|--------------------|--------------------|
| <input type="checkbox"/> *Plant: growth habit | intermediate | intermediate |
| <input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths | absent | absent |
| <input checked="" type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles | present | absent |
| <input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles | weak | |
| <input type="checkbox"/> Plant: frequency of plants with recurved flag leaves | absent or very low | absent or very low |
| <input checked="" type="checkbox"/> Flag leaf: glaucosity of sheath | weak | medium |
| <input checked="" type="checkbox"/> *Time of: ear emergence | early | medium |
| <input type="checkbox"/> *Awns: anthocyanin colouration of tips | absent | absent |
| <input type="checkbox"/> *Ear: glaucosity | very weak to weak | very weak to weak |
| <input type="checkbox"/> Ear: attitude | erect | erect |
| <input checked="" type="checkbox"/> *Plant: length | medium | long |
| <input type="checkbox"/> *Ear: number of rows | more than two | more than two |
| <input type="checkbox"/> Ear: shape | fusiform | fusiform |
| <input type="checkbox"/> *Ear: density | dense | dense |
| <input type="checkbox"/> Ear: length | medium | medium |
| <input type="checkbox"/> Rachis: length of first segment | short | short |
| <input type="checkbox"/> Rachis: curvature of first segment | very weak to weak | very weak to weak |
| <input type="checkbox"/> Median spikelet: length of glume and its awn relative to grain | equal | equal |
| <input checked="" type="checkbox"/> *Grain: rachilla hair type | long | short |
| <input type="checkbox"/> *Grain: husk | present | present |
| <input checked="" type="checkbox"/> Grain: anthocyanin colouration of nerves of lemma | medium | weak |
| <input type="checkbox"/> Grain: spiculation of inner lateral nerves of dorsal side of lemma | medium | medium |
| <input type="checkbox"/> *Grain: hairiness of ventral furrow | absent | absent |
| <input type="checkbox"/> Grain: disposition of lodicules | clasping | clasping |

| | | | |
|-------------------------------------|----------------------------------|-------------|-------------------|
| <input checked="" type="checkbox"/> | Kernel: colour of aleurone layer | whitish | strongly coloured |
| <input type="checkbox"/> | *Season: type | spring type | spring type |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘Moby’ | ‘Dictator’ |
|--|---------------|-------------------|
| <input type="checkbox"/> Awn: presence | absent | absent |
| <input checked="" type="checkbox"/> Plant: days to heading | 104 | 111 |

Statistical Table

| Organ/Plant Part: Context | ‘Moby’ | ‘Dictator’ |
|--|---------------|-------------------|
| <input checked="" type="checkbox"/> Plant: height (cm) | | |
| Mean | 121.94 | 134.54 |
| Std. Deviation | 5.72 | 3.19 |
| LSD/sig | 1.72 | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **Katharine V Cooper**, Stirling, SA

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/262 |
| Variety Name | 'Scope' |
| Genus Species | <i>Hordeum vulgare</i> |
| Common Name | Barley |
| Synonym | Scope CL |
| Accepted Date | 30 Nov 2009 |
| Applicant | Agriculture Victoria Services Pty Ltd, Attwood, VIC and Grains Research and Development Corporation, Barton, ACT |
| Agent | |
| Qualified Person | Antonio Leonforte |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Horsham, VIC |
| Descriptor | Barley (<i>Hordeum vulgare</i>) UPOV TG/19/10. |
| Period | Jun-Nov 2009 |
| Conditions | The Wimmera is a major cereal production zone in southern Australia. Soil type: Wimmera grey cracking soil. |
| Trial Design | Randomised Complete Block Design. |
| Measurements | Grain plumpness, tolerance to imidazolinone herbicides. |
| RHS Chart - edition | |

Origin and Breeding

Induced mutation: Scope is derived from an induced mutation of the barley variety 'Buloke'. Approximately 812,195 seeds of 'Buloke' were soaked in 0.25% ethyl methane sulfonate (EMS), dried and sown in a 0.5ha plot at Horsham in 2006. The plot was bulk harvested and 200kg of M2 seed (approx. 4.88 million seeds) sown at Horsham and sprayed post emergence with 80g/ha of ON DUTY® (a.i. Imazapic 525g/kg + imazapyr 175g/kg). 20 surviving plants were harvested individually by hand and evaluated from 2007-09. Scope was selected for release based on good tolerance to imidazolinone herbicides and higher yield and higher grain plumpness compared to 'Buloke'. 'Scope' was initially tested as BULOKE-EMS05*06HI005 and renamed VBHT0805 for evaluation nationally in 2008. It was also deposited as NCIMB 41549 at NCIMB Ltd of Ferguson Building, Craibstone Estate, Buckburn, Aberdeen, Scotland to fulfil requirements of a patent submission. The haplotype of 'Scope' differed from the 'Buloke' reference sample (VB0105*12) at 41 of 1424 single polynucleotide polymorphism (SNP) loci. Scope was bred for AVS by Dr Michael Materne, David Moody, Dr Chris Pittock, David Watson and Bruce Holding.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------------------------|--|
| Lower leaves | hariness of leaf sheath | absent |
| Flag leaf | anthocyanin colouration of auricles | present |
| Plant | length | medium to long |
| Ear | number of rows | two |
| Sterile spikelet | attitude | parallel to weakly divergent |
| Grain | husk | present |
| Kernel | colour of aleurone layer | whitish |

Season type spring type

Most Similar Varieties of Common Knowledge identified (VCK)

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

Varieties of Common Knowledge identified

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---------|--|--|---|--|
| Buloke | Grain plumpness | medium to high | medium | |
| Buloke | Plant tolerance to imidazolinone herbicide | tolerant | intolerant | Based on visual plant tissue damage and early plant death. |

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

| Organ/Plant Part: Context | Scope | Buloke |
|---|------------------------------|------------------------------|
| <input type="checkbox"/> *Plant: growth habit | semi-erect to intermediate | semi-erect to intermediate |
| <input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths | absent | absent |
| <input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles | present | present |
| <input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles | weak | weak |
| <input type="checkbox"/> *Plant: time of ear emergence | medium | medium |
| <input type="checkbox"/> *Awn: anthocyanin colouration of tips | absent | absent |
| <input type="checkbox"/> *Awn: intensity of anthocyanin colouration of tips | very weak | very weak |
| <input type="checkbox"/> *Plant: length | medium to long | medium to long |
| <input type="checkbox"/> *Ear: number of rows | two | two |
| <input type="checkbox"/> *Ear: density | medium | medium |
| <input type="checkbox"/> *Awn: length | medium to long | medium to long |
| <input type="checkbox"/> *Sterile spikelet: attitude | parallel to weakly divergent | parallel to weakly divergent |
| <input type="checkbox"/> *Grain: husk | present | present |
| <input type="checkbox"/> Kernel: colour of aleurone layer | whitish | whitish |
| <input type="checkbox"/> *Season: type | spring type | spring type |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Scope' | 'Buloke' |
|--|------------------|-----------|
| <input checked="" type="checkbox"/> Grain: size | medium to large, | medium |
| <input checked="" type="checkbox"/> Plant: herbicide tolerance (Imidazolinone) | tolerant | sensitive |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---------|------|----------------|--------------|
| EU | 2007 | Withdrawn | 'Scope' |

Description: **Antonio Leonforte**, VIDA, Horsham, VIC

Details of Application

| | |
|---------------------------|---------------------------------|
| Application Number | 2007/231 |
| Variety Name | 'ICL200' |
| Genus Species | <i>Imperata cylindrica</i> |
| Common Name | Blady Grass |
| Synonym | Nil |
| Accepted Date | 26 May 2008 |
| Applicant | Ozbreed Pty Ltd, Clarendon, NSW |
| Agent | N/A |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Clarendon, NSW |
| Descriptor | General Descriptor (for plant varieties with no descriptor available) |
| Period | Summer 2008/9 - autumn 2009 |
| Conditions | Trial conducted in open beds, plants originally propagated by cuttings, potted to 200mm containers filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | From ten plants at random. |
| RHS Chart - edition | 2007. |

Origin and Breeding

Open pollination: parent *Imperata cylindrica*. The parent is characterised by a tall plant height; predominantly green winter colour, medium leaf width and medium density of shoots. In 2003, germination and test growing of about 1000 *Imperata cylindrica* seedlings at Clarendon, NSW. Parent plants were chosen basis on ease of propagation. In 2004, final selection of a single seedling from the above which is considered to have an optimal combination of these traits (short plant height; red winter colour; fine leaf form; dense growth habit) as well as strong vigour suited to production, field and garden performance. Also confirmed DUS by continuing propagation and evaluation. Named 'ICL200'. Selection criteria: short plant height; red winter colour; fine leaf form; dense growth habit. Propagation: vegetative, micro propagation is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Leaf | variegation | Absent |
| Leaf | primary colour | Green |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------------------|-------------------------|
| <i>Imperata cylindrica</i> | parent form |
| 'Rubra' | also called 'Red Baron' |

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

| Organ/Plant Part: Context | 'ICL200' | 'Rubra' | <i>Imperata cylindrica</i> |
|---|------------------|------------|----------------------------|
| <input checked="" type="checkbox"/> Plant: height | short | very short | tall |
| <input checked="" type="checkbox"/> Leaf: length of blade | short | very short | long |
| <input checked="" type="checkbox"/> Leaf: width of blade | narrow to medium | narrow | medium to broad |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent | absent |
| <input type="checkbox"/> Leaf: primary colour (RHS) | 146B | 146B | 146B |

Statistical Table

| Organ/Plant Part: Context | 'ICL200' | 'Rubra' | <i>Imperata cylindrica</i> |
|---|----------|---------|----------------------------|
| <input checked="" type="checkbox"/> Plant: height (cm) | | | |
| Mean | 47.60 | 38.10 | 66.20 |
| Std. Deviation | 4.20 | 3.30 | 6.70 |
| LSD/sig | 6.13 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: blade length (mm) | | | |
| Mean | 390.00 | 312.80 | 572.00 |
| Std. Deviation | 35.70 | 11.00 | 101.20 |
| LSD/sig | 77.14 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: blade width (mm) | | | |
| Mean | 6.70 | 5.70 | 8.00 |
| Std. Deviation | 0.40 | 0.50 | 1.20 |
| LSD/sig | 0.94 | P≤0.01 | P≤0.01 |

Prior Applications and Sales

Nil.

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

Details of Application

| | |
|---------------------------|-----------------------------------|
| Application Number | 1997/291 |
| Variety Name | 'EMER I' |
| Genus Species | <i>Ulmus parvifolia</i> |
| Common Name | Chinese Elm |
| Synonym | EMERALD ISLE |
| Accepted Date | 05 Nov 1997 |
| Applicant | Athena Trees, Inc., Georgia, USA. |
| Agent | Fleming's Nurseries Pty Ltd |
| Qualified Person | Peter Todd |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patents and Trademark Office (USPTO) |
| Overseas Data Reference Number | PP 7,551 |
| Location | Where possible the US Plant Patent data was verified under local conditions in Monbulk VIC. |
| Descriptor | General Descriptor (for plant varieties with no descriptor available) PBR GEN DES. |
| Period | Started trial Aug 2003. |
| Conditions | Plants were grown vegetatively. All trees were healthy and growing evenly with no obvious sign of disease or stress. |
| Trial Design | Two trees of both the candidate and comparator were randomly planted in two rows within an orchard setting. |
| Measurements | From all trial trees. |
| RHS Chart - edition | |

Origin and Breeding

Seedling selection: the present variety of *Ulmus* originated from a seedling on the campus of the University of Georgia, Athens, Georgia, USA more than 25 years ago. In 1985 this tree was noticed to display characters different to other elm varieties. Asexual propagation over 7 successive generations has shown the plants to retain these distinguishing features. Selection criteria: distinguished from other forms due to its wide-spreading, globe shaped habit, the lustrous dark green leaves, the density of foliage at the ends of fine branches and ability to withstand leaf burn during hot dry summers. Breeders: Michael M Glenn, Athena, Georgia, USA John H Barbour, Atlanta, Ga, USA. Michael A Dirr, Watkinsville, Ga, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|------------------|--|
| Plant | width | broad to very broad |
| Leaf | colour | dark to very dark green |
| Trunk | exfoliating bark | patch-work and quilt-like |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|---|
| 'Emer II' | An upright vase-shaped tree with lustrous green leaves. The bark exfoliates in a puzzle-like pattern exposing a range of colours. |

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

| Organ/Plant Part: Context | 'EMER I' | 'Emer II' |
|--|---------------------|-----------------------|
| <input checked="" type="checkbox"/> Plant: growth habit | globose | erect |
| <input checked="" type="checkbox"/> Plant: size | small to medium | medium to large |
| <input checked="" type="checkbox"/> Plant: height | short to medium | medium |
| <input type="checkbox"/> Plant: width | broad to very broad | broad to very broad |
| <input type="checkbox"/> Leaf: leaf type | simple | simple |
| <input type="checkbox"/> Leaf: size | small to medium | small to medium |
| <input type="checkbox"/> Leaf: arrangement | alternate | alternate |
| <input type="checkbox"/> Leaf: length of blade | short to medium | short to medium |
| <input checked="" type="checkbox"/> Leaf: width of blade | narrow to medium | very narrow to narrow |
| <input type="checkbox"/> Leaf: shape | ovate | ovate |
| <input checked="" type="checkbox"/> Leaf: green colour | dark to very dark | dark |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'EMER I' | 'Emer II' |
|---|-----------------|------------------|
| <input checked="" type="checkbox"/> Plant: shape | globose | vase shaped |
| <input checked="" type="checkbox"/> Foliage: density at fine branch end | very dense | dense |
| <input checked="" type="checkbox"/> Trunk: fluting | absent | present |
| <input type="checkbox"/> Bark: patch-work and quilt-like | present | present |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 1989 | Granted | 'EMER I' |

First sold in USA April 1992.

Description: **Peter Todd**, Fleming's Nurseries Pty Ltd, Monbulk, VIC.

Details of Application

| | |
|---------------------------|---|
| Application Number | 2008/343 |
| Variety Name | 'Tye-Dye Wind' |
| Genus Species | <i>Hibiscus rosa-sinensis</i> |
| Common Name | Chinese Hibiscus |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP18,250 |
| Location | Glenorie, NSW |
| Descriptor | Hibiscus (DRAFT) (<i>Hibiscus</i>) TG/HIBIS(proj.3) |
| Period | Jan-Apr 2010 |
| Conditions | Trial conducted in open beds, rooted cuttings planted into 170mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | 10 plants were selected randomly and observations made in order to confirm the candidate conforms to the published US description. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: seed parent 'Captiva Wind' x pollen parent 'YB-1715' in 1999. The seed parent is characterised by a deeply lobed leaf margin and light pink with dark pink margin petal colour. The pollen parent is characterised by a creamy white main petal colour. 'Tye-Dye Wind' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, 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 | type | single |
| Flower | opening of petals | present |
| Flower | eye zone | present |
| Flower | main colour | pink |
| Leaf blade | variegation | absent |
| Petal | shape | type 3 |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|------------------------|
| 'Maui Wind' | From the same breeder. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics in Candidate Variety | State of Expression in Comparator Variety | State of Expression in Comparator Variety | Comments |
|-----------------|---|---|---|--|
| 'Old Frankie' | Flower diameter medium | large | | Also has a medium plant height, large leaf size and a more 'crepey' petal texture. |
| 'Belize Breeze' | Eye colour zone | red purple | 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 | 'Tye-Dye Wind' | 'Maui Wind' |
|--|---------------------|---------------------|
| <input type="checkbox"/> *Plant: growth habit | upright | upright |
| <input type="checkbox"/> Plant: height | very short to short | short to medium |
| <input type="checkbox"/> Plant: density of branching | medium to dense | medium to dense |
| <input type="checkbox"/> Branch: attitude | strongly upwards | moderately upwards |
| <input type="checkbox"/> Branch: colour on distal part | yellow green | yellow green |
| <input type="checkbox"/> *Leaf blade: length | medium to long | medium to long |
| <input type="checkbox"/> *Leaf blade: width | medium to broad | medium |
| <input type="checkbox"/> *Leaf blade: main colour | medium green | dark green |
| <input type="checkbox"/> *Leaf blade: variegation | absent | absent |
| <input type="checkbox"/> Leaf blade: lobing | absent | absent |
| <input checked="" type="checkbox"/> Leaf blade: shape (varieties without lobing only) | ovate | cordate |
| <input type="checkbox"/> Leaf blade: shape of base (varieties without lobing only) | obtuse | obtuse |
| <input type="checkbox"/> Leaf blade: shape of apex (varieties without lobing only) | acute | acute |
| <input type="checkbox"/> Leaf blade: undulation of margin | absent or very weak | absent or very weak |
| <input type="checkbox"/> Leaf blade: type of incisions of margin | crenate | crenate |
| <input type="checkbox"/> *Flower: type | single | single |
| <input type="checkbox"/> Flower: opening of petals | present | present |
| <input checked="" type="checkbox"/> Flower: overlapping of petals (varieties with single and semi-double flowers only) | medium to strong | weak to medium |
| <input type="checkbox"/> Flower: crest (varieties with single and semi-double flowers only) | absent | absent |
| <input type="checkbox"/> Flower: diameter | medium | medium to large |
| <input type="checkbox"/> *Flower: main colour | pink | pink |

| | | | |
|-------------------------------------|---|---------------------|---------------------|
| <input type="checkbox"/> | Flower: eye zone | present | present |
| <input type="checkbox"/> | Eye zone: size (extensions excluded) | small | small to medium |
| <input type="checkbox"/> | Eye zone: extensions into petal | absent or weak | absent or weak |
| <input type="checkbox"/> | Eye zone: number of colours | one | one |
| <input checked="" type="checkbox"/> | Eye zone: main colour (RHS colour chart) | 58A | 46A |
| <input type="checkbox"/> | Petal: length | medium to long | medium to long |
| <input type="checkbox"/> | Petal: width | medium to broad | medium to broad |
| <input type="checkbox"/> | Petal: shape | type 3 | type 3 |
| <input type="checkbox"/> | *Petal: number of colours (excluding eye zone) | one | one |
| <input checked="" type="checkbox"/> | *Petal: main colour of inner side (RHS Colour Chart) | 54B | 65D-69A |
| <input checked="" type="checkbox"/> | *Petal: main colour of outer side (RHS Colour Chart) | 54C | 69A-B |
| <input type="checkbox"/> | Petal: serration | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: undulation of margin | weak to medium | weak to medium |
| <input type="checkbox"/> | Staminal column: length (varieties with single and semi-double flowers only) | long | medium to long |
| <input type="checkbox"/> | Staminal column: main colour (varieties with single and semi-double flowers only) | pink | pink |
| <input checked="" type="checkbox"/> | Stigma pad: colour | medium red | dark red |
| <input type="checkbox"/> | Time of: beginning of flowering | early | early |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2006 | Granted | 'Tye-Dye Wind' |

First sold in the USA in Jan 2006. First Australian sale Aug 2008.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2008/342 |
| Variety Name | 'Baja Breeze' |
| Genus Species | <i>Hibiscus rosa-sinensis</i> |
| Common Name | Chinese Hibiscus |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|---------------------------------------|---|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP17,607 |
| Location | Glenorie, NSW |
| Descriptor | Hibiscus |
| Period | Jan-Apr 2010 |
| Conditions | Trial conducted open beds, rooted cuttings planted into 170mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design |
| Measurements | 10 plants were selected randomly and observations made in order to confirm the candidate conforms to the published US description. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: seed parent 'YB-1676' x pollen parent 'YB-1364' in 1999. The seed parent is characterised by a strong growth vigour and red eye zone colour. The pollen parent is characterised by a bright scarlet red main petal colour. 'Baja Breeze' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, 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 | type | single |
| Flower | opening of petals | present |
| Flower | eye zone | present |
| Flower | main colour | medium red |
| Petal | shape | type 3 |
| Leaf blade | variegation | absent |
| Time of | beginning of flowering | early |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|------------------------|
| 'Flaming Wind' | From the same breeder. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics in Candidate Variety | State of Expression in Comparator Variety | State of Expression in Comparator Variety | Comments |
|-----------------|---|---|---|--|
| 'Brilliant Red' | Plant height | Short | tall | Also tall in height and a late season bloomer with very large flower diameter. Also has very strong overlapping of petals and weak undulation of petal margin. |
| 'Fire Engine' | Flower diameter | Medium | large | |

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

| Organ/Plant Part: Context | 'Baja Breeze' | 'Flaming Wind' |
|---|---------------------|---------------------|
| <input type="checkbox"/> *Plant: growth habit | upright | upright |
| <input type="checkbox"/> Plant: height | short | short to medium |
| <input type="checkbox"/> Plant: density of branching | medium to dense | medium to dense |
| <input type="checkbox"/> Branch: attitude | strongly upwards | moderately upwards |
| <input type="checkbox"/> Branch: colour on distal part | yellow green | yellow green |
| <input type="checkbox"/> *Leaf blade: length | medium | medium |
| <input type="checkbox"/> *Leaf blade: width | medium | medium |
| <input type="checkbox"/> *Leaf blade: main colour | medium green | medium green |
| <input type="checkbox"/> *Leaf blade: variegation | absent | absent |
| <input type="checkbox"/> Leaf blade: lobbing | absent | absent |
| <input type="checkbox"/> Leaf blade: shape (varieties without lobing only) | ovate | ovate |
| <input type="checkbox"/> Leaf blade: shape of base (varieties without lobing only) | obtuse | obtuse |
| <input type="checkbox"/> Leaf blade: shape of apex (varieties without lobing only) | acute | acute |
| <input type="checkbox"/> Leaf blade: undulation of margin | absent or very weak | absent or very weak |
| <input type="checkbox"/> Leaf blade: type of incisions of margin | serrate to crenate | serrate |
| <input type="checkbox"/> *Flower: type | single | single |
| <input type="checkbox"/> Flower: opening of petals | present | present |
| <input type="checkbox"/> Flower: overlapping of petals (varieties with single and semi-double flowers only) | medium | medium |
| <input type="checkbox"/> Flower: crest (varieties with single and semi-double flowers only) | absent | absent |

| | | | |
|-------------------------------------|---|---------------------|---------------------|
| <input type="checkbox"/> | Flower: diameter | medium | medium to large |
| <input type="checkbox"/> | *Flower: main colour | medium red | medium red |
| <input type="checkbox"/> | Flower: eye zone | present | present |
| <input type="checkbox"/> | Eye zone: size (extensions excluded) | small | small |
| <input type="checkbox"/> | Eye zone: extensions into petal | absent or weak | absent or weak |
| <input type="checkbox"/> | Eye zone: number of colours | one | one |
| <input type="checkbox"/> | Eye zone: main colour (RHS colour chart) | 53A | 53A |
| <input type="checkbox"/> | Petal: length | medium | medium to long |
| <input type="checkbox"/> | Petal: width | medium | medium |
| <input type="checkbox"/> | Petal: shape | type 3 | type 3 |
| <input type="checkbox"/> | *Petal: number of colours (excluding eye zone) | one | one |
| <input checked="" type="checkbox"/> | *Petal: main colour of inner side (RHS Colour Chart) | 45A | 42A to 44A-B |
| <input checked="" type="checkbox"/> | *Petal: main colour of outer side (RHS Colour Chart) | 45B-C | 44C-43B |
| <input type="checkbox"/> | Petal: serration | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: undulation of margin | medium | medium |
| <input type="checkbox"/> | Staminal column: length (varieties with single and semi-double flowers only) | long | medium to long |
| <input type="checkbox"/> | Staminal column: main colour (varieties with single and semi-double flowers only) | red | red |
| <input type="checkbox"/> | Stigma pad: colour | dark red | dark red |
| <input checked="" type="checkbox"/> | Time of: beginning of flowering | early | medium |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2005 | Granted | 'Baja Breeze' |

First sold in the USA in Nov 2004. First Australian sale Aug 2008.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/364 |
| Variety Name | 'MTSN1' |
| Genus Species | <i>Pennisetum advena</i> |
| Common Name | Fountain Grass |
| Synonym | EmeraldElf |
| Accepted Date | 3 May 2010 |
| Applicant | Colourwise Nursery (NSW) Pty Ltd, Glenorie, NSW |
| Agent | N/A |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Glenorie, NSW |
| Descriptor | Grass (General descriptor for grasses) PBR GRAS |
| Period | Jan – Apr 2010 |
| Conditions | Trial conducted open beds, 140mm pots planted into 230mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | from 10 plants were selected at random. |
| RHS Chart - edition | 2007. |

Origin and Breeding

Spontaneous mutation: 'Red Riding Hood'. The parent is characterised by a strong purplish leaf colour. Selection took place in Glenorie, NSW in 2009. 2009: selection of a green (non purpling) leaf form from micropropagated *Pennisetum advena* 'Red Riding Hood'. This was planted out and subsequently propagated by division to establish DUS. Selection criteria: green leaf colour; tidy plant habit suited to pot production. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeders: Malcolm Thompson; Talbot Wilson; Scott Hill; Neil Woodward, Glenorie, 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 |
|-------------------------|----------------|--|
| Culm | height | short to medium |
| Leaf | variegation | absent |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------------|-----------------|
| 'Red Riding Hood' | Parent variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|---------------------------------------|---|--|
| 'Rubrum' | Plant height | short to medium | tall |
| 'Moulin Rouge' | Leaf colour | green | purple |

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

| Organ/Plant Part: Context | ‘MTSN1’ | ‘Red Riding Hood’ |
|---|------------------|--------------------------|
| <input type="checkbox"/> Plant: growth habit | tufted | tufted |
| <input type="checkbox"/> Culm: length | short to medium | short to medium |
| <input type="checkbox"/> Culm: flag leaf length | short to medium | short to medium |
| <input type="checkbox"/> Culm: flag leaf width | narrow to medium | narrow to medium |
| <input type="checkbox"/> Culm: flag leaf shape | linear | linear |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘MTSN1’ | ‘Red Riding Hood’ |
|---|-----------------|--------------------------|
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent |
| <input type="checkbox"/> Plant: height | short to medium | short to medium |
| <input type="checkbox"/> Inflorescence: height | medium | short to medium |
| <input type="checkbox"/> Spike: length | long | long |
| <input type="checkbox"/> Leaf: primary colour (RHS) | N137B | N137B |
| <input checked="" type="checkbox"/> Flag leaf: colour (RHS) | N137B | 200A |

Statistical Table

| Organ/Plant Part: Context | ‘MTSN1’ | ‘Red Riding Hood’ |
|---|----------------|--------------------------|
| <input type="checkbox"/> Plant: height (cm) | | |
| Mean | 45.30 | 40.60 |
| Std. Deviation | 2.70 | 5.20 |
| LSD/sig | 5.33 | ns |
| <input type="checkbox"/> Spike: length (cm) | | |
| Mean | 22.60 | 21.70 |
| Std. Deviation | 2.20 | 2.50 |
| LSD/sig | 3.04 | ns |
| <input type="checkbox"/> Inflorescence: height (cm) | | |
| Mean | 76.90 | 68.60 |
| Std. Deviation | 6.90 | 8.30 |
| LSD/sig | 9.83 | ns |

Prior Applications and Sales

Nil.

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2006/359 |
| Variety Name | 'Wescot' |
| Genus Species | <i>Prunus</i> hybrid |
| Common Name | Interspecific Apricot |
| Synonym | |
| Accepted Date | 27 Feb 2007 |
| Applicant | Zaiger's Inc. Genetics |
| Agent | Graham's Factree Pty Ltd, Hoddles Creek, VIC |
| Qualified Person | Graham Fleming |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | PP16,597 |
| Location | Overseas data was verified under local conditions in Victoria. |
| Descriptor | Apricot (<i>Prunus armeniaca</i>) TG/70/4 |
| Period | |
| Conditions | Where possible the overseas data was verified under local conditions. The US Plant Patent data was converted into standard UPOV characteristics for apricot. |

Origin and Breeding

Controlled pollination: the new and distinct variety was developed by Zaiger's Inc Genetics at their experimental orchard located near Modesto California USA. The new variety originated as a first generation cross between proprietary selection '58EF33' as the maternal parent and 'PA7005-8' as the pollen parent. A large number of resulting seedlings from this first generation cross were then budded to existing trees of Nemaguard rootstock. After close observation the present variety was chosen for asexual propagation and commercialisation based on its desirable fruiting characteristics. Breeder: Zaiger's Inc Genetics, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-----------------------------|--|
| Fruit | shape | globose or circular |
| Fruit | suture | slightly sunken or shallow |
| Fruit | adherence of stone to flesh | absent |
| Time of | beginning of flowering | early |
| Time of | beginning of fruit ripening | very early to early |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|---|
| 'Poppicot' | 'Poppicot' matures slightly later than 'Wescot' and does not have the same attractive skin blush as 'Wescot'. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate | State of Expression in Comparator | Comments |
|----------------|---------------------------------------|---|--|-----------------|
|----------------|---------------------------------------|---|--|-----------------|

| | | | Variety | Variety |
|-----------|---------|----------------|---|------------|
| 'Tri-Gem' | fruit : | size | large | small |
| 'Tri-Gem' | fruit: | maturity | very early -7days later than 'Tri-Gem' | very early |
| 'Tri-Gem' | fruit | skin colour | higher coloured orange | 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 | 'Wescot' | 'Poppicot' |
|--|---------------------|----------------------|
| <input type="checkbox"/> Tree: habit | spreading | spreading |
| <input type="checkbox"/> Leaf blade: length | medium to long | long |
| <input type="checkbox"/> Leaf blade: width | medium to broad | broad |
| <input type="checkbox"/> Leaf blade: shape of base | obtuse | |
| <input type="checkbox"/> *Petiole: length | medium | |
| <input type="checkbox"/> Petiole: thickness | medium | medium |
| <input type="checkbox"/> *Petiole: predominant number of nectaries | two or three | two or three |
| <input checked="" type="checkbox"/> Petiole: size of nectaries | medium | small |
| <input checked="" type="checkbox"/> *Flower: diameter | medium | large |
| <input type="checkbox"/> Flower: position of stigma relative to anthers | below | |
| <input type="checkbox"/> *Fruit: size | large | medium |
| <input type="checkbox"/> Fruit: shape in lateral view | circular | circular |
| <input type="checkbox"/> Fruit: shape in ventral view | circular | circular |
| <input type="checkbox"/> *Fruit: suture | slightly sunken | slightly sunken |
| <input checked="" type="checkbox"/> *Fruit: shape of apex | rounded | retuse |
| <input type="checkbox"/> Fruit: pubescence | present | present |
| <input checked="" type="checkbox"/> *Fruit: ground colour | medium orange | light orange |
| <input checked="" type="checkbox"/> *Fruit: relative area of over colour | medium to large | absent or very small |
| <input checked="" type="checkbox"/> Fruit: hue of over colour | orange red | |
| <input checked="" type="checkbox"/> Fruit: intensity of over colour | medium to dark | |
| <input checked="" type="checkbox"/> Fruit: pattern of over colour | solid flush | |
| <input checked="" type="checkbox"/> *Fruit: colour of flesh | medium orange | light orange |
| <input type="checkbox"/> Fruit: firmness of flesh | firm to very firm | firm |
| <input type="checkbox"/> *Fruit: adherence of stone to flesh | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Stone: shape in lateral view | ovate | ovate |
| <input type="checkbox"/> *Time of: beginning of flowering | early | early |

- *Time of: beginning of fruit ripening very early very early to early

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Wescot' | 'Poppicot' |
|---|--------------------|-------------------|
| <input type="checkbox"/> Fruit: tendency to crack | absent to very low | very low to low |
| <input checked="" type="checkbox"/> Stone: size | large | medium |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2004 | Applied | 'Wescot' |

First sold in USA May 2006.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2009/223 |
| Variety Name | 'Redyummy' |
| Genus Species | <i>Prunus salicina</i> |
| Common Name | Japanese Plum |
| Synonym | Redcandy |
| Accepted Date | 09 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 18,663 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, Queensland, 4352 |
| Descriptor | Japanese Plum (<i>Prunus salicina</i>) TG/84/3 |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 18,663. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open pollination: During a blooming season Glen Bradford isolated as seed parents individual and groups of different plum trees by covering them with screen houses. A hive of bees was placed inside each house, and bouquets to provide pollen from different plum trees are placed in buckets near the trees approximately every two days for the duration of the bloom. During 2001 one such house containing an unnamed red plum was crossed by Glen Bradford in this manner. To pollinate this red plum, he selected bouquets from several sources of plum trees without keeping specific written details. Upon reaching maturity the fruit from this red plum was harvested and the seeds removed, cracked and stratified as a group with the label "H19P442". They were grown as seedlings on their own roots and then planted into a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the summer of 2004 the claimed variety was selected as a single plant from the group of seedlings described above. Subsequent to the origination of the present variety it was asexually reproduced using budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-----------------------------|---|
| Fruit | general shape | round |
| Fruit | size | medium to large/large |
| Fruit | ground colour of skin | red |
| Fruit | colour of flesh | yellow |
| Fruit | adherence of stone to flesh | present |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------------|--|
| ‘September Yummy’ | ‘September Yummy’ is selected as the comparator because it is a late maturing plum with red skin colour. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|----------------|--------------------------------|--|---|--|
| ‘August Yummy’ | Fruit skin colour | red | purple/black | ‘August Yummy’ is a late maturing plum but is rejected because it has black skin colour. |

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

| Organ/Plant Part: Context | ‘Redyummy’ | ‘September Yummy’ |
|---|---------------------|-------------------------|
| <input type="checkbox"/> Tree: vigour | strong | medium to strong |
| <input type="checkbox"/> Tree: density of the head | dense | medium to dense |
| <input type="checkbox"/> One year old shoot: attitude | erect to semi-erect | semi-erect |
| <input checked="" type="checkbox"/> One year old shoot: intensity of colour | medium | dark |
| <input type="checkbox"/> Spur: length | medium | medium |
| <input type="checkbox"/> Wood bud: size | small | small |
| <input type="checkbox"/> Wood bud: shape | conical | conical |
| <input type="checkbox"/> Wood bud: position relative to shoot | slightly held out | slightly held out |
| <input type="checkbox"/> Leaf: attitude | horizontal | horizontal to downwards |
| <input type="checkbox"/> *Leaf blade: shape | elliptic | elliptic |
| <input type="checkbox"/> *Leaf blade: angle of the tip | pointed | pointed |
| <input type="checkbox"/> Leaf blade: green colour of upper side | medium to dark | dark |
| <input type="checkbox"/> Leaf: glossiness of upper side | medium to strong | medium to strong |
| <input type="checkbox"/> Leaf blade: hairiness of lower side | medium | weak |

| | | | |
|-------------------------------------|--|-------------------------------|---------------------|
| <input type="checkbox"/> | Leaf blade: incisions of margin | serrate | serrate |
| <input type="checkbox"/> | *Petiole: length | medium | medium |
| <input type="checkbox"/> | Petiole: hairiness of upper side | weak to medium | weak |
| <input type="checkbox"/> | Petiole: depth of groove | shallow | shallow |
| <input checked="" type="checkbox"/> | Leaf: position of glands | on both leaf base and petiole | only on petiole |
| <input type="checkbox"/> | *Peduncle: length | medium | medium |
| <input type="checkbox"/> | Flowers: on one year old shoots | present | present |
| <input type="checkbox"/> | Flowers: frequency of flowers with double petals | none or very few | none or very few |
| <input type="checkbox"/> | Flowers: size | medium | small to medium |
| <input type="checkbox"/> | Flower: overlapping of petals | touching to overlapping | free to touching |
| <input type="checkbox"/> | Sepal: shape | elliptic | elliptic |
| <input type="checkbox"/> | Petal: size | medium | small to medium |
| <input type="checkbox"/> | *Petal: shape | circular | obovate |
| <input checked="" type="checkbox"/> | Petal: undulation of margin | very weak to weak | medium |
| <input type="checkbox"/> | Stigma: position as compared with anthers | same level to above | same level to above |
| <input type="checkbox"/> | *Fruit: size | medium to large | medium |
| <input type="checkbox"/> | *Fruit: general shape | rounded | rounded |
| <input type="checkbox"/> | *Fruit: position of maximum diameter | at centre | at centre |
| <input type="checkbox"/> | *Fruit: symmetry | symmetric | symmetric |
| <input checked="" type="checkbox"/> | Fruit: shape of apex | flat | depressed |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | shallow to medium | medium |
| <input type="checkbox"/> | *Fruit: ground colour of skin | red | red |
| <input type="checkbox"/> | *Fruit: colour of flesh | yellow | yellow |
| <input checked="" type="checkbox"/> | Fruit: firmness of flesh | firm | very firm |
| <input type="checkbox"/> | Fruit: juiciness | strong to very strong | strong |
| <input type="checkbox"/> | Fruit: acidity | medium | medium to strong |
| <input checked="" type="checkbox"/> | Fruit: sweetness | very high | high |
| <input type="checkbox"/> | *Fruit: degree of adherence of stone to flesh | fully adherent | semi-adherent |
| <input type="checkbox"/> | *Stone: size | small to medium | small to medium |
| <input type="checkbox"/> | *Stone: general shape in profile | round-elliptical | round-elliptical |
| <input type="checkbox"/> | Stone: shape in ventral view | flattened | flattened |
| <input type="checkbox"/> | Stone: shape in basal view | long-elliptical | long-elliptical |
| <input type="checkbox"/> | Stone: symmetry in profile | symmetric | symmetric |

| | | | |
|-------------------------------------|------------------------------------|------------------|-----------------------------------|
| <input type="checkbox"/> | Stone: symmetry in ventral view | symmetric | symmetric |
| <input type="checkbox"/> | *Stone: position of maximum width | at centre | at centre |
| <input type="checkbox"/> | Stone: texture of lateral surfaces | granular | granular |
| <input type="checkbox"/> | Stone: margins of dorsal groove | entire | entire |
| <input type="checkbox"/> | Stone: sharpness of the edges | medium | medium |
| <input type="checkbox"/> | Stone: width of ventral zone | narrow to medium | narrow to medium |
| <input type="checkbox"/> | Stone: width of stalk-end | medium | narrow to medium |
| <input checked="" type="checkbox"/> | Stone: angle of stalk-end | obtuse | right angle or nearly right angle |
| <input type="checkbox"/> | Stone: shape of pistil end | pointed | pointed |
| <input type="checkbox"/> | *Time of: flowering | medium | medium to late |
| <input checked="" type="checkbox"/> | *Time of: ripening | late | very late |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| France | 2008 | Applied | 'Redyummy' |
| USA | 2006 | Granted | 'Redyummy' |

First sold in the USA in Jan 2006.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/260 |
| Variety Name | 'PBA Bounty' |
| Genus Species | <i>Lens culinaris</i> |
| Common Name | Lentil |
| Synonym | Bounty |
| Accepted Date | 09 Nov 2009 |
| Applicant | Agriculture Victoria Services Pty Ltd, Attwood, VIC and Grains Research and Development Corporation, Barton, ACT |
| Agent | |
| Qualified Person | Antonio Leonforte |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Horsham, VIC |
| Descriptor | Lentil (<i>Lens culinaris</i>) TG/210/1 |
| Period | Jul – Nov 2009 |
| Conditions | Typical winter-spring rainfall climate for lentil production in southern Australia. Soil type: Wimmera grey cracking soils. |
| Trial Design | Randomised Complete Block Design |
| Measurements | seed size, height at maturity, growth habit |
| RHS Chart - edition | |

Origin and Breeding

Controlled pollination: 'PBA Bounty' is derived from a cross made between ILL6788 and ILL7180 (F4 derived lines from ICARDA) in 1998. ILL7180 was released as Nugget in Australia. Hybridisation was confirmed using seed shape and F2 seed sown in the field in 1998. This was followed by one cycle of single seed descent with F3 plants grown in the glasshouse during summer 1999/00. Seed from F3 plants was sown in progeny rows in the field in 2000. Based on visual characteristics 'PBA Bounty' was selected for further evaluation in field and controlled environment experiments from 2001-08. 'PBA Bounty' was selected for release based on a combination of mid flowering and maturity, ascochyta blight resistance, tolerance to NaCl, high grain yield, round seed and tolerance to herbicides. 'PBA Bounty' was initially evaluated as breeding line 98-043L*99HS021 and CIPAL415 when included in National Variety Testing. PBA Bounty was developed by CIPAL and Pulse Breeding Australia, funded by the GRDC, VDPI, SARDI, DAFWA, NSW DII and TIAR. The breeding team included M.Materne, S.Murden, B.Holding, D.Noy, J.Panozzo, K.Lindbeck, L.McMurray, S.Nitschke, K.Regan, G.Dean, P.Matthews.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Cotyledon | colour | orange |
| Dry Seed | weight | low to medium |
| Plant | height | short to medium |
| Time of | flowering | medium |
| Time of | maturity | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

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

'Nipper'

'Nugget'

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------|--------------------------------------|--|---|
| 'Nipper' | Dry seed weight | small / medium | small |
| 'Nipper' | Plant height | medium | short |
| 'Nipper' | Plant botrytis grey mould resistance | moderately susceptible | resistant |
| 'Nugget' | Dry seed weight | small / medium | medium |
| 'Nugget' | Plant habit | semi-prostrate | semi-erect |
| 'Nugget' | Plant NaCl seedling tolerance | intolerant | moderately intolerant |

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

| Organ/Plant Part: Context | 'PBA Bounty' | 'Nipper' | 'Nugget' |
|---|--------------------------|-----------------|----------------|
| <input type="checkbox"/> *Cotyledon: colour | orange | orange | orange |
| <input type="checkbox"/> Plant: habit | semi-erect to horizontal | semi-erect | semi-erect |
| <input type="checkbox"/> *Plant: anthocyanin colouration | present | present | present |
| <input checked="" type="checkbox"/> *Plant: height | medium | short | medium |
| <input type="checkbox"/> Plant: intensity of ramification | medium | medium | medium |
| <input checked="" type="checkbox"/> Leaf: shape | ovate | elliptic | ovate |
| <input type="checkbox"/> Leaf: intensity of green colour | medium | medium | medium |
| <input type="checkbox"/> Leaf: number of leaflets | medium | medium to many | medium |
| <input type="checkbox"/> Leaflet: size | medium | small to medium | medium |
| <input type="checkbox"/> Raceme: number of flowers per node | two to three | two to three | two to three |
| <input type="checkbox"/> Flower: size | medium | medium | medium |
| <input type="checkbox"/> *Flower: colour of standard | white | white | white |
| <input type="checkbox"/> Flower: violet stripes of standard | present | present | present |
| <input type="checkbox"/> Flower: violet stripes of wings | absent | absent | absent |
| <input type="checkbox"/> Pod: intensity of colour | medium | medium | medium |
| <input type="checkbox"/> Pod: number of ovules | mainly two | mainly two | mainly two |
| <input type="checkbox"/> *Pod: colour at dry harvest maturity | yellow | yellow | yellow |
| <input type="checkbox"/> *Pod: length at dry harvest maturity | medium | medium | medium |
| <input type="checkbox"/> Pod: width | medium | medium | medium |
| <input type="checkbox"/> *Dry seed: width | narrow to medium | medium | medium |
| <input type="checkbox"/> *Dry seed: profile in longitudinal section | broad elliptic | broad elliptic | broad elliptic |
| <input type="checkbox"/> *Dry seed: number of colours | one | one | one |

| | | | | |
|-------------------------------------|---------------------------------|---------------|----------------|----------------|
| <input type="checkbox"/> | *Dry seed: main colour of testa | ochre | ochre | ochre |
| <input checked="" type="checkbox"/> | *Dry seed: weight | low to medium | low | medium to high |
| <input type="checkbox"/> | *Time of: flowering | medium | medium to late | medium |
| <input type="checkbox"/> | Time of: maturity | medium | medium to late | medium |

Prior Applications and Sales

Nil.

Description: **Antonio Leonforte**, VIDA, Horsham, VIC.

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/261 |
| Variety Name | 'PBA Flash' |
| Genus Species | <i>Lens culinaris</i> |
| Common Name | Lentil |
| Synonym | Flash |
| Accepted Date | 09 Nov 2009 |
| Applicant | Agriculture Victoria Services Pty Ltd, Attwood, VIC and Grains Research and Development Corporation, Barton, ACT |
| Agent | |
| Qualified Person | Antonio Leonforte |

Details of Comparative Trial

| | |
|---------------------|---|
| Location | Horsham, VIC |
| Descriptor | Lentil TG/210/1 |
| Period | Jul to Nov 2009 |
| Conditions | Typical winter-spring rainfall climate for lentil production in southern Australia. Soil type: Wimmera grey cracking soils. |
| Trial Design | Randomised complete block design. |
| Measurements | seed size, height at maturity, growth habit, flowering and maturity time. |

RHS Chart - edition**Origin and Breeding**

Controlled pollination: 'PBA Flash' is derived from a cross made between ILL7685 and ILL7180 (F4 derived lines from ICARDA) in 1997. ILL7180 was released as Nugget in Australia. Hybridisation was confirmed using seed coat colour and F2 seed sown in the field in 1998. This was followed by one cycle of single seed descent with F3 plants grown in the glasshouse during summer 1998/99. Seed from F3 plants was sown in progeny rows in the field in 1999. Based on visual characteristics 'PBA Flash' was selected for further evaluation in field and controlled environment experiments from 2000-08. 'PBA Flash' was selected for release based on a combination of good harvestability, early flowering and maturity, ascochyta blight resistance, tolerance to NaCl, high grain yield, round seed, high milling yield and tolerance to herbicides. 'PBA Flash' was initially evaluated as breeding line 97-039L*98S058 and CIPAL411 when included in National Variety Testing. 'PBA Flash' was developed by CIPAL and Pulse Breeding Australia, funded by the GRDC, VDPI, SARDI, DAFWA, NSW DII and TIAR. The breeding team included M.Materne, S.Murden, B.Holding, D.Noy, J.Panozzo, K.Lindbeck, L.McMurray, S.Nitschke, K.Regan, G.Dean, P.Matthews.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------------|--|
| Dry seed | main colour of testa | green |
| Time of Plant | maturity | early to medium |
| | height | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

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

'Nugget'

'Nipper'

Varieties of Common Knowledge identified

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------|---|--|---|
| 'Nugget' | Dry seed Main colour of testa | Green | grey |
| 'Nugget' | Time of Maturity | early to medium | medium |
| 'Nipper' | Dry seed weight | Medium | low |
| 'Nipper' | Time of Maturity | early to medium | medium |
| 'Nugget' | Plant Seedling tolerance to NaCl | moderately intolerant | intolerant |
| 'Nipper' | Plant <i>Botrytis</i> grey mould resistance | Susceptible | resistant |
| 'Nipper' | Plant <i>Ascochyta</i> blight resistance - seed | moderately resistant | resistant |
| 'Nipper' | Plant Height | medium | short |

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

| Organ/Plant Part: Context | 'PBA Flash' | 'Nipper' | 'Nugget' |
|---|----------------|------------------|----------------|
| <input type="checkbox"/> *Cotyledon: colour | orange | orange | orange |
| <input type="checkbox"/> Plant: habit | semi-erect | semi-erect | semi-erect |
| <input type="checkbox"/> *Plant: anthocyanin colouration | present | present | present |
| <input checked="" type="checkbox"/> *Plant: height | medium | short | medium |
| <input type="checkbox"/> Plant: intensity of ramification | medium | medium | medium |
| <input checked="" type="checkbox"/> Leaf: shape | ovate | elliptic | ovate |
| <input type="checkbox"/> Leaf: intensity of green colour | medium | medium | medium |
| <input type="checkbox"/> Leaf: number of leaflets | medium | medium to many | medium |
| <input checked="" type="checkbox"/> Leaflet: size | medium | small | medium |
| <input type="checkbox"/> Raceme: number of flowers per node | two to three | two to three | two to three |
| <input type="checkbox"/> Flower: size | medium | medium | medium |
| <input type="checkbox"/> *Flower: colour of standard | white | white | white |
| <input type="checkbox"/> Pod: intensity of colour | medium | medium | medium |
| <input type="checkbox"/> Pod: number of ovules | mainly two | mainly two | mainly two |
| <input type="checkbox"/> *Pod: colour at dry harvest maturity | yellow | yellow | yellow |
| <input type="checkbox"/> *Pod: length at dry harvest maturity | medium | medium | medium |
| <input type="checkbox"/> Pod: width | medium | medium | medium |
| <input type="checkbox"/> *Dry seed: width | medium | narrow to medium | medium |
| <input type="checkbox"/> *Dry seed: profile in longitudinal section | broad elliptic | broad elliptic | broad elliptic |
| <input type="checkbox"/> *Dry seed: number of colours | one | one | one |
| <input checked="" type="checkbox"/> *Dry seed: main colour of testa | green | ochre | ochre |

| | | | | |
|-------------------------------------|---------------------|-----------------|----------------|----------------|
| <input type="checkbox"/> | *Dry seed: weight | medium | low to medium | medium |
| <input type="checkbox"/> | *Time of: flowering | medium | medium to late | medium |
| <input checked="" type="checkbox"/> | Time of: maturity | early to medium | medium to late | Medium to late |

Prior Applications and Sales

Nil.

Description: **Mr Antonio Leonforte**, VIDA, Horsham, VIC

Details of Application

| | |
|---------------------------|--|
| Application Number | 2007/267 |
| Variety Name | 'Big Red' |
| Genus Species | <i>Syzygium australe</i> |
| Common Name | Lilly Pilly |
| Synonym | Nil |
| Accepted Date | 26 Mar 2008 |
| Applicant | Peta & Scott Mclean, Clagiraba, QLD |
| Agent | Plants Management Pty. Ltd., Wonga Park, VIC |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | QLD and Wonga Park, VIC |
| Descriptor | Lilly Pilly (<i>Acmena smithii</i> / <i>Syzygium</i> sp) PBR LILL |
| Period | Feb 09 to Feb 2010 |
| Conditions | Trial conducted in the open, plants propagated and grown in 50mm tubes. On 12 Feb 2009 the tubes were potted and grown on in 140 mm containers. Containers filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. Trial was initially potted in QLD then transferred to Wonga Park, VIC for final growth and evaluation. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Open pollination followed by seedling selection: occurred in a batch of approximately 5000 seeds collected from *Syzygium australe* 'Compact Form' in late 2003. These seeds were raised for a commercial crop at Clagiraba, QLD, 4211, and as they developed one was observed in having a faster growth rate, larger leaves and darker new foliage. This plant was isolated during Apr 2004 and grown on. Several cuttings were taken to establish a further generation to evaluate these characteristics. Final selection criteria: plant habit bushy to upright, leaf blade width medium, leaf blade length medium to broad and newly emerged leaf colour red/bronze. 'Big Red' has since been propagated via cuttings for more than four generations all of which have been uniform and stable. Breeder: Peta & Scott Mclean.

Choice of Comparators Characteristics 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 | medium to tall |
| Plant | growth habit | bushy to upright |
| Leaf | width of blade | medium |
| Stem | branch angle | acute |
| Leaf | presence of variegation | absent |
| Leaf | glossiness | medium |
| Leaf | blade width | medium to broad |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------------|----------|
| 'Elegance' | |
| 'Aussie Boomer' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|------------------|--------------------------------|--|---|
| 'AATS' | Plant growth habit | bushy to upright | strongly upright |
| 'Winter Lights' | Plant branch density | sparse to medium | dense |
| 'Tayla Made' | Plant branch density | sparse to medium | dense |
| 'Bronzed Aussie' | Leaf blade width | broad | narrow |

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

| Organ/Plant Part: Context | 'Big Red' | 'Aussie Boomer' | 'Elegance' |
|---|-----------------------|-----------------------------|-------------------|
| <input type="checkbox"/> Plant: growth habit | bushy to upright | bushy to upright | bushy to upright |
| <input type="checkbox"/> Plant: height | medium to tall | medium to tall | medium to tall |
| <input checked="" type="checkbox"/> Plant: branch density | sparse to medium | Medium | medium |
| <input type="checkbox"/> Stem: branch angle | acute | acute | acute |
| <input checked="" type="checkbox"/> Stem: internode length | medium | Medium | short |
| <input type="checkbox"/> Stem: colour of mature stem (RHS colour chart) | greyed-brown 199A | grey-brown 199A | grey-brown 199A |
| <input checked="" type="checkbox"/> Stem: colour of new growth (RHS colour chart) | greyed-orange 175A | yellow-green 144A | yellow-green 146B |
| <input type="checkbox"/> Leaf: blade length | medium | medium | medium |
| <input type="checkbox"/> Leaf: blade width | medium to broad | medium | medium |
| <input type="checkbox"/> Leaf: blade shape | obovate | elliptic | elliptic |
| <input type="checkbox"/> Leaf: shape of apex | acuminate | acuminate | acuminate |
| <input type="checkbox"/> Leaf: shape of base | cuneate | cuneate | cuneate |
| <input type="checkbox"/> Leaf: glossiness | medium | medium | medium |
| <input checked="" type="checkbox"/> Leaf: shape of cross section | flat to concave | concave to strongly concave | concave |
| <input type="checkbox"/> Leaf: shape of longitudinal section | convex | convex | convex to flat |
| <input checked="" type="checkbox"/> Leaf: stiffness | strong to very strong | weak to medium | weak to medium |
| <input type="checkbox"/> Leaf: prominence of midrib on lower surface | prominent | prominent | prominent |
| <input type="checkbox"/> Mature leaf: primary colour of upper side (RHS colour chart) | yellow-green 147A | yellow-green 147A | yellow-green 147A |
| <input type="checkbox"/> Mature leaf: primary colour of lower side (RHS colour chart) | yellow-green 146A | yellow-green 146A | yellow-green 146A |

| | | | | |
|-------------------------------------|---|-----------------------|----------------------|-----------------------|
| <input checked="" type="checkbox"/> | Partly mature leaf: primary colour of upper side (RHS colour chart) | yellow-green 152A | yellow-green 144A | yellow-green 144A |
| <input checked="" type="checkbox"/> | Partly mature leaf: primary colour of lower side (RHS colour chart) | yellow-green 152D | yellow-green 146C | yellow-green 146B |
| <input checked="" type="checkbox"/> | Newly emerged: upper side (RHS colour chart) | greyed-orange 175A | yellow-green 152C | greyed-orange 164A |
| <input type="checkbox"/> | Leaf: variegation | absent | absent | absent |
| <input type="checkbox"/> | Leaf: petiole colour (RHS colour chart) | yellow-green 152A | yellow-green 152B | yellow-green 152A |

Statistical Table

| Organ/Plant Part: Context | 'Big Red' | 'Aussie Boomer' | 'Elegance' |
|---|------------------|------------------------|-------------------|
| <input checked="" type="checkbox"/> Stem: internode length (mm) | | | |
| Mean | 29.20 | 30.00 | 20.50 |
| Std. Deviation | 5.20 | 5.94 | 3.13 |
| LSD/sig | 6.26 | ns | P≤0.01 |
| <input type="checkbox"/> Leaf: blade length (mm) | | | |
| Mean | 52.20 | 54.60 | 57.00 |
| Std. Deviation | 3.77 | 4.04 | 2.70 |
| LSD/sig | 3.84 | ns | P≤0.01 |
| <input type="checkbox"/> Leaf: blade width (mm) | | | |
| Mean | 30.60 | 23.00 | 20.80 |
| Std. Deviation | 3.33 | 2.27 | 1.00 |
| LSD/sig | 2.75 | P≤0.01 | P≤0.01 |

Prior Applications and Sales

No prior sale and applications.

Description: **Steve Eggleton**, Plants Management Pty. Ltd., Wonga Park, VIC

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/031 |
| Variety Name | 'Lime Tuff' |
| Genus Species | <i>Lomandra longifolia</i> x <i>Lomandra confertifolia</i> |
| Common Name | Matt Rush |
| Synonym | |
| Accepted Date | 26 Mar 2008 |
| Applicant | Bushland Flora, Mt Evelyn, VIC. |
| Agent | |
| Qualified Person | Mark Lunghusen |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Mt Evelyn, VIC |
| Descriptor | <i>Lomandra</i> (<i>Lomandra</i>) PBR LOMA |
| Period | 2009 |
| Conditions | Plants were grown in 14cm pots in a covered polyhouse 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: an open pollinated seedling was observed in a batch of seedlings of *Lomandra longifolia* from seed collected on the breeder's property. Due to the possible parent plants in the vicinity of the maternal parent, and the characteristic of the candidate variety in leaf width and perfume, it is believed that the paternal parent is *Lomandra confertifolia*. The seedling was selected on the basis of leaf width. It was propagated vegetatively for a further three generations to establish distinctness, uniformity and stability. To date no off-types have been recorded. Propagation: vegetative. Breeder: Ian Shimmen, Mt Evelyn VIC.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Plant | growth habit | upright or semi-upright |
| Plant | height | short or medium |
| Plant | density | medium or dense |
| Leaf | glaucosity | very weak |
| Leaf | variegation | absent |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|-----------------|
| 'LM300' | |
| 'Little Pal' | |

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

| Organ/Plant Part: Context | ‘Lime Tuff’ | ‘Little Pal’ | ‘LM300’ |
|--|--------------------|---------------------|--------------------|
| <input type="checkbox"/> Plant: growth habit | Upright | semi-upright | semi-upright |
| <input checked="" type="checkbox"/> Plant: height | Medium | short | medium |
| <input type="checkbox"/> Plant: density | dense | medium | medium |
| <input type="checkbox"/> Leaf: texture | medium | medium | medium |
| <input type="checkbox"/> Leaf: glaucosity | very weak | very weak | very weak |
| <input checked="" type="checkbox"/> Leaf: rigidity | strong | medium | medium |
| <input type="checkbox"/> Leaf: cross section | concave | concave | concave |
| <input type="checkbox"/> Leaf: variegation | absent | absent | absent |
| <input type="checkbox"/> Basal sheath: margin shredding | very weak | very weak | very weak |
| <input type="checkbox"/> Basal sheath: colour | light brown | light brown | dark brown |
| <input type="checkbox"/> Inflorescence: degree of branching | medium | very weak | very weak |
| <input checked="" type="checkbox"/> Inflorescence: length of floral axis | medium | very short | very short |
| <input checked="" type="checkbox"/> Inflorescence: length of peduncle | long | short | long |
| <input checked="" type="checkbox"/> Inflorescence: position in relation foliage | level | below | level |
| <input checked="" type="checkbox"/> Inflorescence: colour of peduncle (RHS colour chart) | green 143B | yellow green 149B | greyed orange 166B |
| <input checked="" type="checkbox"/> Flower: colour of calyx (RHS colour chart) | greyed orange 166A | n/a | yellow 11B |

Statistical Table

| Organ/Plant Part: Context | ‘Lime Tuff’ | ‘Little Pal’ | ‘LM300’ |
|---|--------------------|---------------------|----------------|
| <input checked="" type="checkbox"/> Leaf: length (cm) | | | |
| Mean | 59.55 | 60.65 | 68.70 |
| Std. Deviation | 5.95 | 3.02 | 7.78 |
| LSD/sig | 7.13 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: width (mm) | | | |
| Mean | 4.02 | 6.20 | 3.52 |
| Std. Deviation | 0.26 | 1.00 | 0.49 |
| LSD/sig | 1.60 | P≤0.01 | ns |

Prior Applications and Sales

Nil.

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2007/323 |
| Variety Name | 'Sunectwentyone' |
| Genus Species | <i>Prunus persica</i> var <i>nuciperscia</i> |
| Common Name | Nectarine |
| Synonym | SN21 |
| Accepted Date | 22 May 2008 |
| Applicant | Sun World International, LLC |
| Agent | Sun World Australasia, Oberon, NSW. |
| Qualified Person | Bruce Valentine |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | U.S. Patent and Trademark Office |
| Overseas Data Reference Number | PP18,114 |
| Location | Where possible, the overseas data were verified under local conditions at Bathurst, NSW and Kumbia, QLD |
| Descriptor Period | Nectarine (<i>Prunus persica</i>) TG/53/6 Aug 2006 to Dec 2009 |
| Conditions | Budded trees were planted in a variety evaluation block (Bathurst) and commercial planting (Kumbia). Trees are healthy and growing evenly with no obvious signs of disease or abnormality. |
| Trial Design | Varieties planted in groups in a variety evaluation block or commercial planting. |
| Measurements | From random plants in commercial planting (Kumbia) for fruit, all other observations on all trial plants at Bathurst. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: arose from a controlled cross of two unpatented breeding selections. The seed parent is Sun World breeding selection '94-051N' which ripens five days earlier and is smaller than 'Sunectwentyone'. The pollen parent is Sun World breeding selection '94-025N' which ripens 14 days later than 'Sunectwentyone'. Selection criteria: early ripening of fruit, fruit bright red with bright yellow flesh, heavy production of relatively large and firm fruit. Propagation: vegetatively propagated – usually budding. Breeder: parents first crossed in 1997 and selected as '97014-048-085' by D. Cain, selected and evaluated by D. Cain and T. Bacon in Riverside County, CA, USA in April 1999.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------------------------|--|
| Fruit | ground colour of flesh | yellow |
| Fruit | time of maturity for consumption | early to very early |
| Stone | adherence to flesh | present |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|----------|
| 'April Glo' | |
| 'Earliglo' | |

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

| Organ/Plant Part: Context | 'Sunectwentyone' | 'April Glo' | 'Earliglo' |
|--|--------------------------|-------------|------------|
| <input type="checkbox"/> *Tree: size | medium to large | | |
| <input type="checkbox"/> Tree: vigour | medium | | |
| <input type="checkbox"/> *Tree: habit | semi-upright | | |
| <input type="checkbox"/> Flowering shoot: thickness | medium | | |
| <input type="checkbox"/> Flowering shoot: length of internodes | medium to long | | |
| <input type="checkbox"/> *Flowering shoot: anthocyanin colouration | present | present | present |
| <input checked="" type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration | medium | strong | weak |
| <input type="checkbox"/> *Flowering shoot: density of flower buds | medium to dense | | |
| <input type="checkbox"/> Flowering shoot: general distribution of flower buds | in groups of two or more | | |
| <input checked="" type="checkbox"/> *Flower: type | non showy | | showy |
| <input type="checkbox"/> *Calyx: colour of inner side | orange | | |
| <input type="checkbox"/> *Corolla: predominant colour | dark pink | | |
| <input checked="" type="checkbox"/> *Petal: shape | narrow elliptic | | round |
| <input type="checkbox"/> *Petal: size | small to medium | | |
| <input type="checkbox"/> *Petals: number | five | | |
| <input type="checkbox"/> Stamens: position compared to petals | above | | |
| <input type="checkbox"/> *Stigma: position compared to anthers | above | | |
| <input type="checkbox"/> *Anthers: pollen | present | | |
| <input type="checkbox"/> *Ovary: pubescence | absent | | |
| <input type="checkbox"/> Young shoot: length of stipule | long | | |
| <input type="checkbox"/> *Leaf blade: length | medium to long | | |
| <input type="checkbox"/> *Leaf blade: width | medium | | |
| <input type="checkbox"/> *Leaf blade: ratio length/width | medium | | |
| <input type="checkbox"/> Leaf blade: shape in cross section | concave | | |

| | | | | |
|-------------------------------------|---|---------------------------------|-----------------|-----------------|
| <input type="checkbox"/> | Leaf blade: recurvature of apex | present | | |
| <input type="checkbox"/> | Leaf blade: angle at base | approximately right angle | | |
| <input type="checkbox"/> | Leaf blade: angle at apex | small | | |
| <input type="checkbox"/> | Leaf blade: colour | green | | |
| <input type="checkbox"/> | Petiole: length | medium | | |
| <input checked="" type="checkbox"/> | *Petiole: nectaries | present | absent | |
| <input type="checkbox"/> | *Petiole: shape of nectaries | reniform | | |
| <input type="checkbox"/> | Petiole: predominant number of nectaries | two | | |
| <input checked="" type="checkbox"/> | *Fruit: size | large | small to medium | small to medium |
| <input checked="" type="checkbox"/> | *Fruit: shape | round | oblate | |
| <input type="checkbox"/> | *Fruit: shape of pistil end | weakly depressed | | |
| <input type="checkbox"/> | Fruit: symmetry | asymmetric | | |
| <input type="checkbox"/> | Fruit: prominence of suture | weak | | |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | medium to deep | | |
| <input type="checkbox"/> | Fruit: width of stalk cavity | medium | | |
| <input type="checkbox"/> | *Fruit: ground colour | yellow | | |
| <input type="checkbox"/> | Fruit: over colour | present | | |
| <input type="checkbox"/> | Fruit: hue of over colour | medium red | | |
| <input type="checkbox"/> | *Fruit: pattern of over colour | marbled | | |
| <input type="checkbox"/> | *Fruit: extent of over colour | large | | |
| <input type="checkbox"/> | *Fruit: pubescence | absent | | |
| <input type="checkbox"/> | Fruit: thickness of skin | medium | | |
| <input type="checkbox"/> | Fruit: adherence of skin to flesh | medium | | |
| <input type="checkbox"/> | *Fruit: firmness of flesh | medium | | |
| <input type="checkbox"/> | *Fruit: ground colour of flesh | 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 type="checkbox"/> | Fruit: sweetness | low | | |

| | | | | |
|-------------------------------------|-------------------------------------|---------------------|---------|---------|
| <input type="checkbox"/> | Fruit: acidity | high | | |
| <input type="checkbox"/> | *Stone: size compared to fruit | medium to large | | |
| <input checked="" type="checkbox"/> | *Stone: shape | round | | obovate |
| <input type="checkbox"/> | Stone: intensity of brown colour | light | | |
| <input type="checkbox"/> | Stone: relief of surface | pits and grooves | | |
| <input type="checkbox"/> | Stone: tendency of splitting | low | | |
| <input type="checkbox"/> | *Stone: adherence to flesh | present | present | present |
| <input type="checkbox"/> | Stone: degree of adherence to flesh | strong | | |
| <input type="checkbox"/> | Time of: leaf bud burst | very early | | |
| <input type="checkbox"/> | *Time of: beginning of flowering | early | | |
| <input type="checkbox"/> | *Duration of: flowering | short | | |
| <input type="checkbox"/> | *Time of: maturity for consumption | very early | early | early |
| <input type="checkbox"/> | Tendency to: preharvest drop | absent or very weak | | |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Sunectwentyone' | 'April Glo' | 'Earliglo' |
|--|-------------------------|--------------------|-------------------|
| <input checked="" type="checkbox"/> Plant: chilling hours required (hrs) | 300 | 200 | 200 |
| <input checked="" type="checkbox"/> Plant: harvest maturity | very early | 25 days later | 32 days later |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Chile | 2007 | Granted | 'Sunectwentyone' |
| EU | 2008 | Applied | 'Sunectwentyone' |
| USA | 2006 | Granted | 'Sunectwentyone' |

First sold in USA April 2007.

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/229 |
| Variety Name | 'MajesticPearl' |
| Genus Species | <i>Prunus persica</i> var <i>nucipersica</i> |
| Common Name | Nectarine |
| Synonym | MajesticIce |
| Accepted Date | 11 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 18,778 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352 |
| Descriptor | Nectarine |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 18,778. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open-pollination: In the spring of 1998 Glen Bradford gathered fruit from an unpatented nectarine tree in his experimental orchard at Le Grand CA that had been designated as "5P452". This particular nectarine tree was itself a first generation cross of 'Spring Bright' Nectarine and an unnamed white fleshed nectarine. The seeds from this fruit was removed, cracked, stratified and grown as seedlings on their own roots in a greenhouse. From there they were planted into a cultivated area of the experimental orchard at Bradford Farms. In the fruit evaluation season of 2001 the present variety was selected as a single tree from the group of seedlings described as "5P452 (OP)". Subsequent to the origination of the present variety of nectarine tree it was asexually reproduced using budding and grafting and such reproduction of plant and fruit characteristics are true to the original plant in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------------|---|
| Tree | size | large |
| Tree | habit | spreading |
| Flowering shoot | anthocyanin colouration | present |
| Flower | type | showy |
| Petiole | nectaries | present |
| Fruit | pubescence | absent |
| Fruit | hue of over colour | dark red |
| Fruit | pattern of over colour | solid flush |
| Stone | adherence to flesh | present |
| Fruit | time of maturity | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|--|
| 'Bright Pearl' | 'Bright Pearl' is a variety most similar to 'Majestic Pearl'. They are both white flesh, sub-acid nectarines with similar maturity |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics in Candidate | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|-----------------|---|--|---|---|
| 'Spring Bright' | Fruit flesh colour | white | yellow | 'Spring Bright' is a maternal parent of the candidate variety but is rejected because it is yellow fleshed. |

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

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

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

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

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2006 | Granted | 'Majestic Pearl' |

First sold in the USA in Jan 2005.

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/232 |
| Variety Name | 'Autumn Bright' |
| Genus Species | <i>Prunus persica</i> var <i>nucipersica</i> |
| Common Name | Nectarine |
| Synonym | Nil |
| Accepted Date | 11 Feb 2010 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 18,751 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352 |
| Descriptor Period | Nectarine (<i>Prunus persica</i>) TG/53/6 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 18,751. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open-pollination: During the spring of 1999 Glen Bradford gathered fruit from a 'September Bright' nectarine tree in his experimental orchard at Le Grand, California. He removed the seeds from the fruit, stratified, germinated, and grew them as seedlings on their own roots in a greenhouse. They were then transplanted in to a cultivated area of the experimental orchard at Bradford Farms. During the fruit selection season of 2003 he selected the present variety as a single tree from the group of seedlings described above. Subsequent to origination of the present variety it was asexually reproduced by budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|--------------------------------|---|
| Flowering shoot | anthocyanin colouration | present |
| Flower | type | non-showy |
| Petiole | nectaries | present |
| Fruit | pubescence | absent |
| Fruit | ground colour | orange yellow |
| Fruit | hue of over colour | dark red |
| Fruit | pattern of over colour | mottled |
| Fruit | ground colour of flesh | yellow |
| Stone | adherence to flesh | present |
| Flower | time of beginning of flowering | medium |
| Fruit | time of maturity | late to very late/very late |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------------|--|
| 'September Bright' | 'September Bright' is selected as the comparator. It is also a late maturing yellow fleshed nectarine and a maternal parent to the candidate variety |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics in Candidate Variety | State of Expression in Comparator Variety | State of Expression in Candidate Variety | Comments |
|-----------------|---|---|--|---|
| 'August Bright' | Fruit maturity | very late | late | 'August Bright' is excluded because of different maturity time. |

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

| Organ/Plant Part: Context | 'Autumn Bright' | 'September Bright' |
|---|------------------|--------------------|
| <input checked="" type="checkbox"/> *Tree: size | medium | large |
| <input checked="" type="checkbox"/> Tree: vigour | medium | strong |
| <input checked="" type="checkbox"/> *Tree: habit | spreading | semi-upright |
| <input type="checkbox"/> Flowering shoot: thickness | medium | medium to thick |
| <input type="checkbox"/> Flowering shoot: length of internodes | medium | medium |
| <input type="checkbox"/> *Flowering shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration | medium to strong | medium |
| <input type="checkbox"/> *Flowering shoot: density of flower buds | medium to dense | medium to dense |
| <input type="checkbox"/> Flowering shoot: general distribution of flower buds | isolated | isolated |
| <input type="checkbox"/> *Flower: type | non showy | non showy |
| <input checked="" type="checkbox"/> *Calyx: colour of inner side | greenish yellow | orange |

| | | | |
|-------------------------------------|--|------------------|---------------------|
| <input type="checkbox"/> | *Corolla: predominant colour | medium pink | medium pink |
| <input type="checkbox"/> | *Petal: shape | narrow elliptic | narrow elliptic |
| <input type="checkbox"/> | *Petal: size | small to medium | small to medium |
| <input type="checkbox"/> | *Petals: number | five | five |
| <input type="checkbox"/> | Stamens: position | below | below |
| <input type="checkbox"/> | *Stigma: position | above | above |
| <input type="checkbox"/> | *Anthers: pollen | present | present |
| <input type="checkbox"/> | *Ovary: pubescence | absent | absent |
| <input type="checkbox"/> | Young shoot: length of stipule | medium | medium |
| <input type="checkbox"/> | *Leaf blade: length | medium to long | medium |
| <input type="checkbox"/> | *Leaf blade: width | medium | medium |
| <input type="checkbox"/> | *Leaf blade: ratio | medium | medium |
| <input type="checkbox"/> | Leaf blade: shape in cross section | flat | flat |
| <input type="checkbox"/> | Leaf blade: recurvature of apex | absent | absent |
| <input type="checkbox"/> | Leaf blade: angle at base | acute | acute |
| <input type="checkbox"/> | Leaf blade: angle at apex | small | small |
| <input type="checkbox"/> | Leaf blade: colour | greenish yellow | greenish yellow |
| <input type="checkbox"/> | Petiole: length | medium | medium |
| <input type="checkbox"/> | *Petiole: nectaries | present | present |
| <input type="checkbox"/> | *Petiole: shape of nectaries | reniform | reniform |
| <input type="checkbox"/> | Petiole: predominant number of nectaries | more than two | more than two |
| <input checked="" type="checkbox"/> | *Fruit: size | large | medium |
| <input checked="" type="checkbox"/> | *Fruit: shape | round | oblate |
| <input type="checkbox"/> | *Fruit: shape of pistil end | weakly depressed | weakly depressed |
| <input type="checkbox"/> | Fruit: symmetry | symmetric | symmetric |
| <input type="checkbox"/> | Fruit: prominence of suture | medium | weak to medium |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | medium | medium |
| <input type="checkbox"/> | Fruit: width of stalk cavity | medium | medium to broad |
| <input type="checkbox"/> | *Fruit: ground colour | orange yellow | orange yellow |
| <input type="checkbox"/> | Fruit: over colour | present | present |
| <input type="checkbox"/> | Fruit: hue of over colour | dark red | dark red |
| <input type="checkbox"/> | *Fruit: pattern of over colour | mottled | mottled |
| <input type="checkbox"/> | *Fruit: extent of over colour | large | large to very large |

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

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2006 | Granted | 'Autumn Bright' |

First sold in the USA in Jan 2007.

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/222 |
| Variety Name | 'July Bright' |
| Genus Species | <i>Prunus persica</i> var <i>nucipersica</i> |
| Common Name | Nectarine |
| Synonym | Julygold |
| Accepted Date | 09 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 18,703 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, Queensland, 4352 |
| Descriptor Period | Nectarine (<i>Prunus persica</i>) TG/53/6 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 18,703. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The new variety was hybridised by Glen Bradford in 1996. It was developed as a first generation cross using 'Ruby Diamond' nectarine as the selected seed parent and 'Fire Sweet' nectarine as the selected pollen parent. A single tree from the stated cross was selected as the claimed variety. Subsequent to origination the new variety was asexually reproduced by budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|--------------------------------|---|
| Flowering shoot | anthocyanin colouration | present |
| Flower | type | non-showy |
| Petiole | nectaries | present |
| Fruit | pubescence | absent |
| Fruit | shape | round |
| Fruit | pattern of over colour | solid flush |
| Fruit | ground colour of flesh | yellow |
| Stone | adherence to flesh | present |
| Flower | time of beginning of flowering | medium |
| Fruit | time of maturity | medium to late |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|--|
| 'Fire Sweet' | 'Fire Sweet' is the selected seed parent of the candidate variety. Both 'Fire Sweet' and 'July Bright' have similar maturity times |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics in Candidate Variety | State of Expression in Comparator Variety | State of Expression in Candidate Variety | Comments |
|----------------|---|---|--|---|
| 'Ruby Diamond' | Fruit maturity | medium to late | Early to medium | 'Ruby Diamond' was the selected pollen parent of the candidate variety but was rejected because of different maturity |

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

| Organ/Plant Part: Context | 'July Bright' | 'Fire Sweet' |
|---|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> *Tree: size | large | medium |
| <input type="checkbox"/> Tree: vigour | medium to strong | medium |
| <input type="checkbox"/> *Tree: habit | semi-upright | semi-upright |
| <input type="checkbox"/> Flowering shoot: thickness | medium | medium |
| <input type="checkbox"/> Flowering shoot: length of internodes | medium | medium |
| <input type="checkbox"/> *Flowering shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration | medium to strong | medium to strong |
| <input type="checkbox"/> *Flowering shoot: density of flower buds | medium to dense | medium to dense |
| <input type="checkbox"/> Flowering shoot: general distribution of flower buds | in groups of two or more | in groups of two or more |
| <input type="checkbox"/> *Flower: type | non showy | non showy |
| <input type="checkbox"/> *Calyx: colour of inner side | greenish yellow | orange |

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input type="checkbox"/> | *Corolla: predominant colour | medium pink | medium pink |
| <input type="checkbox"/> | *Petal: shape | broad elliptic | narrow elliptic |
| <input type="checkbox"/> | *Petal: size | medium | small to medium |
| <input type="checkbox"/> | *Petals: number | five | five |
| <input type="checkbox"/> | Stamens: position | below | below |
| <input type="checkbox"/> | *Stigma: position | above | above |
| <input type="checkbox"/> | *Anthers: pollen | present | present |
| <input type="checkbox"/> | *Ovary: pubescence | absent | absent |
| <input type="checkbox"/> | Young shoot: length of stipule | medium | medium |
| <input type="checkbox"/> | *Leaf blade: length | medium to long | medium to long |
| <input type="checkbox"/> | *Leaf blade: width | medium | medium to broad |
| <input type="checkbox"/> | *Leaf blade: ratio | medium | medium |
| <input type="checkbox"/> | Leaf blade: shape in cross section | concave | concave |
| <input type="checkbox"/> | Leaf blade: recurvature of apex | present | present |
| <input type="checkbox"/> | Leaf blade: angle at base | acute | acute |
| <input type="checkbox"/> | Leaf blade: angle at apex | very small to small | very small to small |
| <input type="checkbox"/> | Leaf blade: colour | greenish yellow | greenish yellow |
| <input type="checkbox"/> | Petiole: length | short to medium | medium |
| <input type="checkbox"/> | *Petiole: nectaries | present | present |
| <input type="checkbox"/> | *Petiole: shape of nectaries | reniform | reniform |
| <input type="checkbox"/> | Petiole: predominant number of nectaries | more than two | more than two |
| <input checked="" type="checkbox"/> | *Fruit: size | large to very large | medium |
| <input type="checkbox"/> | *Fruit: shape | round | round |
| <input type="checkbox"/> | *Fruit: shape of pistil end | weakly depressed | weakly depressed |
| <input type="checkbox"/> | Fruit: symmetry | symmetric | symmetric |
| <input type="checkbox"/> | Fruit: prominence of suture | weak | weak |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | shallow to medium | medium |
| <input type="checkbox"/> | Fruit: width of stalk cavity | medium | medium |
| <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 | dark red | dark red |
| <input type="checkbox"/> | *Fruit: pattern of over colour | solid flush | solid flush |
| <input type="checkbox"/> | *Fruit: extent of over colour | large to very large | large to very large |

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

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2006 | Granted | 'July Bright' |

First sold in the USA in Jan 2006.

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

Details of Application

| | |
|---------------------------|------------------------------------|
| Application Number | 2007/056 |
| Variety Name | 'SUPECHFIFTEEN' |
| Genus Species | <i>Prunus persica</i> |
| Common Name | Peach |
| Synonym | SP15 |
| Accepted Date | 02 Mar 2007 |
| Applicant | Sun World International, LLC |
| Agent | Sun World Australasia, Oberon, NSW |
| Qualified Person | Bruce Valentine |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | U.S. Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | PP13,177 P3 |
| Location | Where possible the overseas data were verified under local conditions at Bathurst, NSW and Kumbia, QLD |
| Descriptor Period | Peach (<i>Prunus persica</i>) TG/53/6 2005 to 2009 |
| Conditions | Budded trees were planted in a variety evaluation block (Bathurst, NSW) and commercial planting (Kumbia, QLD). Trees are healthy and growing evenly with no obvious signs of disease or abnormality. |
| Trial Design | Varieties planted in groups in a variety evaluation block or commercial planting. |
| Measurements | From random plants in the commercial planting at Kumbia, QLD for fruit, all other observations on all trial plants at Bathurst, NSW |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: arose from a controlled cross of two unpatented varieties. The seed parent is 'Flordaglo' which is white flesh and 'Supechfifteen' is yellow flesh. The pollen parent is 'Flordaglobe' which is smaller, has less overcolour and has a higher chilling requirement than 'Supechfifteen'. Selection criteria: early ripening and large fruit with yellow flesh and low winter chilling requirement. Propagation: vegetatively propagated – usually budding. First asexually propagated in Jun 1994 by budding. Breeder: parent varieties first crossed February 1992 by B.D.Mowrey and selected and evaluated by B.D.Mowrey and D.W. Cain in Riverside, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|------------------------|--|
| Fruit | ground colour of flesh | yellow |
| Fruit | time of maturity | very early |
| Stone | adherence to flesh | present |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------------|-------------------|
| 'Flordaprince' | low chill variety |
| 'Tropical Beauty' | low chill variety |
| 'Supechsix' | low chill 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 | 'SUPECHFIFTEEN' | 'Flordaprince' | 'Tropical Beauty' | 'Supechsix' |
|--|--------------------------|----------------|-------------------|-------------|
| <input type="checkbox"/> *Tree: size | medium to large | | | |
| <input type="checkbox"/> Tree: vigour | medium to strong | | | |
| <input type="checkbox"/> *Tree: habit | semi-upright | semi-upright | | |
| <input type="checkbox"/> Flowering shoot: thickness | medium | | | |
| <input type="checkbox"/> Flowering shoot: length of internodes | short to medium | | | |
| <input checked="" type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration | present | | | absent |
| <input type="checkbox"/> *Flowering shoot: anthocyanin colouration | weak to medium | | | |
| <input type="checkbox"/> *Flowering shoot: density of flower buds | medium | | | |
| <input type="checkbox"/> Flowering shoot: general distribution of flower buds | in groups of two or more | | | |
| <input type="checkbox"/> *Flower: type | showy | | | |
| <input type="checkbox"/> *Calyx: colour of inner side | orange | | | |
| <input type="checkbox"/> *Corolla: predominant colour | light pink | | | |
| <input type="checkbox"/> *Petal: shape | round | | | |
| <input type="checkbox"/> *Petal: size | medium to large | | | |
| <input type="checkbox"/> *Petals: number | Five | | | |
| <input type="checkbox"/> Stamens: position | same level | | | |
| <input type="checkbox"/> *Stigma: position | above | | | |
| <input type="checkbox"/> *Anthers: pollen | present | | | |
| <input type="checkbox"/> *Ovary: pubescence | present | | | |
| <input type="checkbox"/> Young shoot: length of stipule | medium to long | | | |
| <input type="checkbox"/> *Leaf blade: length | medium | | | |
| <input type="checkbox"/> *Leaf blade: width | medium | | | |
| <input type="checkbox"/> *Leaf blade: ratio | medium | | | |

| | | | | | |
|-------------------------------------|---|---------------------------|------------------|--------|---------------------|
| <input type="checkbox"/> | Leaf blade: shape in cross section | concave | | | |
| <input type="checkbox"/> | Leaf blade: recurvature of apex | present | | | |
| <input checked="" type="checkbox"/> | Leaf blade: angle at base | approximately right angle | | | acute |
| <input type="checkbox"/> | Leaf blade: angle at apex | small | | | |
| <input type="checkbox"/> | Leaf blade: colour | green | | | |
| <input type="checkbox"/> | Petiole: length | short to medium | | | |
| <input type="checkbox"/> | *Petiole: nectaries | present | | | |
| <input checked="" type="checkbox"/> | *Petiole: shape of nectaries | reniform | | | round |
| <input checked="" type="checkbox"/> | Petiole: predominant number of nectaries | more than two | | | two |
| <input type="checkbox"/> | *Fruit: size | medium to large | | | |
| <input checked="" type="checkbox"/> | *Fruit: shape | elliptic | | | oblate |
| <input type="checkbox"/> | *Fruit: shape of pistil end | weakly depressed | | | |
| <input checked="" type="checkbox"/> | Fruit: symmetry | asymmetric | | | symmetric |
| <input type="checkbox"/> | Fruit: prominence of suture | weak | | | |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | deep | | | |
| <input type="checkbox"/> | Fruit: width of stalk cavity | medium | | | |
| <input type="checkbox"/> | *Fruit: ground colour | orange yellow | yellow | | |
| <input type="checkbox"/> | Fruit: over colour | present | present | | |
| <input checked="" type="checkbox"/> | Fruit: hue of over colour | light red | dark red | purple | |
| <input checked="" type="checkbox"/> | *Fruit: pattern of over colour | marbled | blush and stripe | | |
| <input checked="" type="checkbox"/> | *Fruit: extent of over colour | medium | large | large | large to very large |
| <input type="checkbox"/> | *Fruit: pubescence | present | | | |
| <input type="checkbox"/> | *Fruit: density of pubescence | medium to dense | | | |
| <input type="checkbox"/> | Fruit: thickness of skin | medium | | | |
| <input type="checkbox"/> | Fruit: adherence of skin to flesh | medium | | | |
| <input type="checkbox"/> | *Fruit: firmness of flesh | soft to medium | | | |
| <input type="checkbox"/> | *Fruit: ground colour of flesh | yellow | | | |
| <input type="checkbox"/> | *Fruit: anthocyanin colouration directly under skin | weakly expressed | | | |
| <input type="checkbox"/> | *Fruit: anthocyanin | weakly expressed | | | |

colouration of flesh

*Fruit: anthocyanin colouration around stone absent or very weakly expressed

Fruit: texture of the flesh fibrous

Fruit: sweetness low

Fruit: acidity low

*Stone: size compared to fruit small to medium

*Stone: shape round round round elliptic

Stone: intensity of brown colour light

Stone: relief of surface pits and grooves

Stone: tendency of splitting very low to low

*Stone: adherence to flesh present present

Stone: degree of adherence to flesh weak medium weak strong

Time of: leaf bud burst very early

*Time of: beginning of flowering very early

*Duration of: flowering short

*Time of: maturity very early very early very early very early

Tendency to: preharvest drop absent or very weak

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘SUPECHFIFTEEN’ | ‘Flordaprince’ | ‘Tropical Beauty’ | ‘Supechsix’ |
|--|------------------------|-----------------------|--------------------------|--------------------|
| <input checked="" type="checkbox"/> Plant: chilling hours required (hrs) | 150 | 150 | 150 | 350 |
| <input checked="" type="checkbox"/> Plant: Harvest maturity | very early | 3 days later | 13 days later | 18 days later |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Chile | 2007 | Granted | ‘SUPECHFIFTEEN’ |
| Israel | 2006 | Applied | ‘SUPECHFIFTEEN’ |
| EU | 2007 | Applied | ‘SUPECHFIFTEEN’ |
| USA | 2001 | Granted | ‘SUPECHFIFTEEN’ |

First sold in USA April 2002.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2009/227 |
| Variety Name | 'Pearl Princess V' |
| Genus Species | <i>Prunus persica</i> |
| Common Name | Peach |
| Synonym | Nil |
| Accepted Date | 11 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 19,919 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352 |
| Descriptor | Peach (<i>Prunus persica</i>) TG/53/6 |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 19,919. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: The candidate variety was hybridised by Lowell Glen Bradford in 2000 as a first generation cross using 'Grand Pearl' nectarine as the selected seed parent and 'Snow Princess' peach as the selected pollen parent. The fruit of this cross was collected and the seeds removed and grown in a greenhouse and then transplanted into a cultivated area of the experimental orchard at Bradford Farms. During the fruit evaluation season of 2004 Lowell Glen Bradford selected the present variety as a single tree from the group of seedlings described above. After origination of the present variety it was reproduced by budding and grafting and all tree and fruit characteristics were the same as the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------------|---|
| Tree | size | medium to large/large |
| Flowering shoot | anthocyanin colouration | present |
| Flower | type | showy |
| Petiole | nectaries | present |
| Fruit | pubescence | present |
| Fruit | shape | round |
| Fruit | pattern of over colour | solid flush |
| Fruit | ground colour of flesh | cream white/white |
| Fruit | acidity | very low to low |
| Fruit | time of maturity | early to medium/medium |
| Stone | adherence to flesh | absent |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------------|--|
| 'Snow Princess' | 'Snow Princess' was the selected pollen parent for the origination of the new 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 |
|---------------|--------------------------------|--|---|--|
| 'Grand Pearl' | Fruit pubescence | present | absent | 'Grand Pearl' is excluded on the grounds that it is a nectarine and not a peach. |

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

| Organ/Plant Part: Context | 'Pearl Princess V' | 'Snow Princess' |
|---|---------------------------|------------------|
| <input type="checkbox"/> *Tree: size | medium to large | large |
| <input type="checkbox"/> Tree: vigour | medium to strong | medium to strong |
| <input type="checkbox"/> *Tree: habit | semi-upright to spreading | spreading |
| <input type="checkbox"/> Flowering shoot: thickness | medium | medium |
| <input type="checkbox"/> Flowering shoot: length of internodes | medium | medium |
| <input type="checkbox"/> *Flowering shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration | medium | medium |
| <input type="checkbox"/> *Flowering shoot: density of flower buds | medium to dense | dense |
| <input type="checkbox"/> Flowering shoot: general distribution of flower buds | isolated | isolated |
| <input type="checkbox"/> *Flower: type | showy | showy |
| <input type="checkbox"/> *Calyx: colour of inner side | greenish yellow | greenish yellow |
| <input type="checkbox"/> *Corolla: predominant colour | medium pink | medium pink |

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

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

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2007 | Granted | 'Pearl Princess V' |

First sold in the USA in Jan 2007.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2009/224 |
| Variety Name | 'Princess Time' |
| Genus Species | <i>Prunus persica</i> |
| Common Name | Peach |
| Synonym | Spring Time |
| Accepted Date | 09 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 19,545 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, Queensland, 4352 |
| Descriptor | Peach (<i>Prunus persica</i>) TG/53/6 |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 19,545. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Controlled pollination: the claimed variety was hybridized by Glen Bradford in 2001 as a first generation cross using '1P1152' (unpatented) nectarine as the selected seed parent and an unnamed low chill peach as the selected pollen parent. He used embryo rescue techniques to geminate the seeds from the fruit of the cross, grew them as seedlings on their own roots in a greenhouse and then transplanted them to a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the fruit evaluation season of 2004 he selected the present variety as a single tree from the group of seedlings described above. Subsequent to origination of the new variety of peach it was asexually reproduced by budding and grafting and such reproduction of fruit and plant characteristics are true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------------|---|
| Tree | size | medium to large/large |
| Tree | habit | spreading |
| Flowering shoot | anthocyanin colouration | present |
| Flower | type | showy |
| Petiole | nectaries | present |
| Fruit | pubescence | present |
| Fruit | hue of over colour | dark red |
| Fruit | shape | round |
| Fruit | ground colour of flesh | light yellow/yellow |
| Fruit | time of maturity | early |
| Stone | adherence to flesh | present |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|--|
| ‘Crimson Lady’ | ‘Crimson Lady’ matures at a similar time but has distinct differences in flowering and fruit |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|-------------------|--------------------------------|--|---|
| ‘Spring Princess’ | Fruit maturity | early | very early |

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

| Organ/Plant Part: Context | ‘Princess Time’ | ‘Crimson Lady’ |
|---|--------------------------|------------------|
| <input type="checkbox"/> *Tree: size | medium to large | large |
| <input type="checkbox"/> Tree: vigour | medium to strong | medium to strong |
| <input type="checkbox"/> *Tree: habit | spreading | spreading |
| <input type="checkbox"/> Flowering shoot: thickness | medium | medium |
| <input type="checkbox"/> Flowering shoot: length of internodes | medium to long | medium to long |
| <input type="checkbox"/> *Flowering shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration | medium to strong | medium to strong |
| <input checked="" type="checkbox"/> *Flowering shoot: density of flower buds | medium to dense | sparse to medium |
| <input type="checkbox"/> Flowering shoot: general distribution of flower buds | in groups of two or more | isolated |
| <input type="checkbox"/> *Flower: type | showy | showy |
| <input type="checkbox"/> *Calyx: colour of inner side | greenish yellow | greenish yellow |
| <input type="checkbox"/> *Corolla: predominant colour | medium pink | medium pink |
| <input type="checkbox"/> *Petal: shape | round | round |
| <input type="checkbox"/> *Petal: size | large | large |

| | | | |
|-------------------------------------|--|-------------------|---------------------|
| <input type="checkbox"/> | *Petals: number | five | five |
| <input checked="" type="checkbox"/> | Stamens: position | same level | below |
| <input checked="" type="checkbox"/> | *Stigma: position | same level | above |
| <input type="checkbox"/> | *Anthers: pollen | present | present |
| <input type="checkbox"/> | *Ovary: pubescence | present | present |
| <input type="checkbox"/> | Young shoot: length of stipule | medium | medium |
| <input type="checkbox"/> | *Leaf blade: length | medium to long | long |
| <input type="checkbox"/> | *Leaf blade: width | medium | medium to broad |
| <input type="checkbox"/> | *Leaf blade: ratio | medium | medium |
| <input type="checkbox"/> | Leaf blade: shape in cross section | flat | flat |
| <input type="checkbox"/> | Leaf blade: recurvature of apex | absent | absent |
| <input type="checkbox"/> | Leaf blade: angle at base | acute | acute |
| <input type="checkbox"/> | Leaf blade: angle at apex | small to medium | small to medium |
| <input type="checkbox"/> | Leaf blade: colour | green | greenish yellow |
| <input type="checkbox"/> | Petiole: length | medium | medium |
| <input type="checkbox"/> | *Petiole: nectaries | present | present |
| <input type="checkbox"/> | *Petiole: shape of nectaries | round | round |
| <input type="checkbox"/> | Petiole: predominant number of nectaries | two | two |
| <input type="checkbox"/> | *Fruit: size | large | medium to large |
| <input type="checkbox"/> | *Fruit: shape | round | round |
| <input type="checkbox"/> | *Fruit: shape of pistil end | weakly depressed | flat |
| <input type="checkbox"/> | Fruit: symmetry | symmetric | symmetric |
| <input type="checkbox"/> | Fruit: prominence of suture | weak | weak |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | shallow to medium | medium |
| <input type="checkbox"/> | Fruit: width of stalk cavity | medium | narrow to medium |
| <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 | dark red | dark red |
| <input checked="" type="checkbox"/> | *Fruit: pattern of over colour | mottled | solid flush |
| <input type="checkbox"/> | *Fruit: extent of over colour | very large | large to very large |
| <input type="checkbox"/> | *Fruit: pubescence | present | present |
| <input type="checkbox"/> | *Fruit: density of pubescence | sparse to medium | medium |
| <input type="checkbox"/> | Fruit: thickness of skin | thin to medium | thin to medium |

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

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2007 | Granted | 'Princess Time' |

First sold in the USA in Jan 2007.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2009/228 |
| Variety Name | 'May Princess' |
| Genus Species | <i>Prunus persica</i> |
| Common Name | Peach |
| Synonym | Nil |
| Accepted Date | 11 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 18,771 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, Queensland, 4352 |
| Descriptor | Peach (<i>Prunus persica</i>) TG/53/6 |
| Period | 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 18,771. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open pollination: during the spring of 1998 Glen Bradford gathered fruit from several different unnamed peach seedlings in his experimental orchard at Le Grand California. One particular group of peach seedlings were early maturing, yellow in flesh colour and clingstone in type and was designated "VEP (OP)". He used embryo rescue techniques to germinate the seeds from this fruit, grew then as seedlings on their own roots in a greenhouse and then transplanted them to a cultivated area of the experimental orchard. During the fruit evaluation season of 2000 he selected the claimed variety as a single tree from this group of "VEP (OP)" described above. Subsequent to origination of the present variety of peach tree it was asexually reproduced by budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------------|---|
| Tree | size | large |
| Tree | habit | spreading |
| Flowering shoot | anthocyanin colouration | present |
| Flower | type | showy |
| Petiole | nectaries | present |
| Fruit | pubescence | present |
| Fruit | hue of over colour | dark red |
| Fruit | ground colour of flesh | light yellow/yellow |
| Fruit | time of maturity | very early/very early to early |
| Stone | adherence to flesh | present |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------------|---|
| 'Spring Princess' | 'Spring Princess' is an early maturing, yellow fleshed peach. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|------------------|--------------------------------|--|---|
| 'Crown Princess' | Flower bloom time | early | late |
| 'Crown Princess' | Fruit time of maturity | very early | early |
| 'Crown Princess' | Fruit size | medium | large |

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

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

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

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

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2006 | Granted | 'May Princess' |

First sold in the USA in Jan 2006.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2009/225 |
| Variety Name | 'Plumsweet IV' |
| Genus Species | <i>Prunus</i> hybrid |
| Common Name | Prunus – Interspecific Plum |
| Synonym | Green Red IV |
| Accepted Date | 09 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|---------------------------------------|--|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP 16,461 |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352 |
| Descriptor Period | Japanese Plum (<i>Prunus salicina</i>) TG/84/3 2 years |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 16,461. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open-pollination: During a typical blooming season Glen Bradford isolated as seed parents both individual and groups of different plum trees by covering them with screen houses. A hive of bees was placed inside each such house and bouquets to provide pollen from different plum, apricot, and interspecific plum-apricot hybrid trees. New bouquets are placed in the houses approximately every two days for the duration of the bloom. During 1997 one such house containing an unnamed red plum was crossed by Glen Bradford in this manner. To pollinate this red plum, he selected bouquets from several sources of apricot and interspecific plum-apricot hybrid trees without keeping specific written details. Upon reaching maturity the fruit from this red plum tree was harvested and the seeds removed, cracked, stratified and labelled "38PH9". They were grown as seedlings on their own roots and then transplanted into a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the summer of 2001 the present variety was selected as a single plant from the group of seedlings described above. Subsequent to the origination of the present variety it was asexually reproduced and such reproduction of plant and fruit characteristics were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|---------------------------------------|---|
| Fruit | symmetry | symmetric |
| Fruit | size | large |
| Fruit | firmness of flesh | firm to very firm |
| Fruit | acidity | medium to strong |
| Fruit | degree of adherence of stone to flesh | fully adherent |
| Fruit | time of ripening | late |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|--|
| ‘August Yummy’ | ‘August Yummy’ is selected because it matures at a similar time, and flavour to the candidate 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 |
|------------------|--------------------------------|--|---|----------|
| ‘Black Kat’ | Fruit ground colour of skin | orange to yellow | dark blue | |
| ‘Flavorich’ | Fruit ground colour of skin | orange to yellow | violet- blue | |
| ‘Flavorfall’ | Fruit general shape | oblong | rounded | |
| ‘Flavor King’ | Fruit size | large | medium | |
| ‘Flavor Supreme’ | Fruit size | large | medium | |
| ‘Flavor Heart’ | Fruit general shape | oblong | elongated | |
| ‘Early Dapple’ | Fruit time of ripening | late | early to medium | |
| ‘Dapple Dandy’ | Fruit time of ripening | late | medium | |
| ‘Sweet Cot’ | Fruit general shape | oblong | rounded | |
| ‘Angeleno’ | Fruit general shape | oblong | rounded | |
| ‘Yummy Giant’ | Fruit time of ripening | late | early | |

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

| Organ/Plant Part: Context | ‘Plumsweet IV’ | ‘August Yummy’ |
|--|----------------|----------------|
| <input checked="" type="checkbox"/> Tree: vigour | strong | medium |
| <input checked="" type="checkbox"/> Tree: density of the head | dense | open |
| <input checked="" type="checkbox"/> One year old shoot: attitude | semi-erect | erect |

| | | | |
|-------------------------------------|--|--------------------------------|-------------------------------|
| <input type="checkbox"/> | One year old shoot: intensity of colour | medium | dark |
| <input checked="" type="checkbox"/> | Spur: length | medium to long | short to medium |
| <input type="checkbox"/> | Wood bud: size | medium | small to medium |
| <input checked="" type="checkbox"/> | Wood bud: shape | ovoid | conical |
| <input checked="" type="checkbox"/> | Wood bud: position relative to shoot | slightly held out | adpressed |
| <input checked="" type="checkbox"/> | Leaf: attitude | horizontal to downwards | upwards to horizontal |
| <input type="checkbox"/> | *Leaf blade: shape | elliptic | elliptic |
| <input type="checkbox"/> | *Leaf blade: angle of the tip | pointed | pointed |
| <input type="checkbox"/> | Leaf blade: green colour of upper side | medium to dark | dark |
| <input type="checkbox"/> | Leaf: glossiness of upper side | strong | medium to strong |
| <input type="checkbox"/> | Leaf blade: hairiness of lower side | weak | very weak to weak |
| <input type="checkbox"/> | Leaf blade: incisions of margin | serrate | serrate |
| <input type="checkbox"/> | *Petiole: length | medium | medium |
| <input type="checkbox"/> | Petiole: hairiness of upper side | weak | very weak to weak |
| <input type="checkbox"/> | Petiole: depth of groove | shallow | shallow |
| <input type="checkbox"/> | Leaf: position of glands | on both leaf base and petiole | on both leaf base and petiole |
| <input type="checkbox"/> | *Peduncle: length | medium | medium |
| <input type="checkbox"/> | Flowers: on one year old shoots | present | present |
| <input type="checkbox"/> | Flowers: frequency of flowers with double petals | none or very few | none or very few |
| <input type="checkbox"/> | Flowers: size | medium | small to medium |
| <input checked="" type="checkbox"/> | Flower: overlapping of petals | very free | touching to overlapping |
| <input type="checkbox"/> | Sepal: shape | elliptic | elliptic |
| <input type="checkbox"/> | Petal: size | medium | small to medium |
| <input type="checkbox"/> | *Petal: shape | circular | circular |
| <input checked="" type="checkbox"/> | Petal: undulation of margin | strong to very strong | medium to strong |
| <input type="checkbox"/> | Stigma: position as compared with anthers | above | same level to above |
| <input type="checkbox"/> | *Fruit: size | large | large |
| <input checked="" type="checkbox"/> | *Fruit: general shape | oblong | rounded-flattened |
| <input checked="" type="checkbox"/> | *Fruit: position of maximum diameter | towards stalk end to at centre | at centre |
| <input type="checkbox"/> | *Fruit: symmetry | symmetric | symmetric |
| <input checked="" type="checkbox"/> | Fruit: shape of apex | pointed | flat |

| | | | |
|-------------------------------------|---|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> | Fruit: depth of stalk cavity | shallow to medium | medium |
| <input checked="" type="checkbox"/> | *Fruit: ground colour of skin | orange to yellow | purple |
| <input type="checkbox"/> | *Fruit: colour of flesh | yellowish to green | yellow |
| <input type="checkbox"/> | Fruit: firmness of flesh | firm to very firm | firm to very firm |
| <input type="checkbox"/> | Fruit: juiciness | strong to very strong | strong |
| <input type="checkbox"/> | Fruit: acidity | medium to strong | medium to strong |
| <input checked="" type="checkbox"/> | Fruit: sweetness | very high | medium to high |
| <input type="checkbox"/> | *Fruit: degree of adherence of stone to flesh | fully adherent | fully adherent |
| <input type="checkbox"/> | *Stone: size | medium | small to medium |
| <input checked="" type="checkbox"/> | *Stone: general shape in profile | long-elliptical | round-elliptical |
| <input type="checkbox"/> | Stone: shape in ventral view | flattened | flattened |
| <input checked="" type="checkbox"/> | Stone: shape in basal view | long-elliptical | round-elliptical |
| <input type="checkbox"/> | Stone: symmetry in profile | symmetric | symmetric |
| <input type="checkbox"/> | Stone: symmetry in ventral view | symmetric | symmetric |
| <input type="checkbox"/> | *Stone: position of maximum width | at centre | at centre |
| <input type="checkbox"/> | Stone: texture of lateral surfaces | granular | granular |
| <input type="checkbox"/> | Stone: margins of dorsal groove | entire | entire |
| <input type="checkbox"/> | Stone: sharpness of the edges | medium | medium |
| <input type="checkbox"/> | Stone: width of ventral zone | medium | medium |
| <input type="checkbox"/> | Stone: width of stalk-end | medium | narrow to medium |
| <input type="checkbox"/> | Stone: angle of stalk-end | right angle or nearly right angle | right angle or nearly right angle |
| <input type="checkbox"/> | Stone: shape of pistil end | pointed | pointed |
| <input type="checkbox"/> | *Time of: flowering | medium | medium |
| <input type="checkbox"/> | *Time of: ripening | late | late |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2005 | Granted | 'Plumsweet IV' |

First sold in the USA in Jan 2005.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2009/231 |
| Variety Name | 'Blackred V' |
| Genus Species | <i>Prunus</i> hybrid |
| Common Name | Prunus – Interspecific Plum |
| Synonym | Plumback V |
| Accepted Date | 11 Nov 2009 |
| Applicant | Lowell G. Bradford, Le Grand, CA, USA |
| Agent | Buchanan's Nursery, Hodgsonvale, QLD |
| Qualified Person | Peter Buchanan |

Details of Comparative Trial

| | |
|----------------------------|--|
| Overseas Testing | United States Patent and Trademark Office (USPTO) |
| Authority | |
| Overseas Data | US PP 19,576 |
| Reference Number | |
| Location | Buchanan's Nursery, 262 Breydon Rd, Hodgsonvale, QLD, 4352 |
| Descriptor | Peach, Nectarine (<i>Prunus persica</i>) TG/53/3 |
| Period | 2 |
| Conditions | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There were some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| Trial Design | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| Measurements | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 19,576. Upon completion of the observations the variety matched the supplied description in all ways. |
| RHS Chart - edition | N/A |

Origin and Breeding

Open-pollination: During a typical blooming season Glen Bradford isolated as seed parents both individual and groups of different plum trees by covering them with screen houses. A hive of bees was placed inside each such house, and bouquets to provide pollen from different plum, apricot and interspecific plum-apricot hybrid trees were placed in buckets near the trees approximately every two days for the duration of the bloom. During 2001 one such house containing an unpatented red plum, code name 19P442 was crossed in this manner. To pollinate this red plum Glen Bradford selected bouquets from several sources of apricot, plum and interspecific plum-apricot hybrid trees without keeping any specific written details. Upon reaching maturity the fruit from this red plum was harvested and the seeds removed, cracked, stratified and grown as a group on their own roots in a green house and labelled "H8A". From there they were transplanted into a cultivated area of the experimental orchard at Bradford Farms, Le Grand, California. During the summer of 2004 the claimed variety was selected as a single plant from the group of seedlings described above. The claimed variety was asexually reproduced and such reproduction of plant and fruit parts were true to the original in all respects. Breeder: Lowell G. Bradford, Le Grand, CA, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|---------------------------------------|---|
| Fruit | symmetry | symmetric |
| Fruit | size | medium |
| Fruit | firmness of flesh | firm /medium to firm |
| Fruit | acidity | medium |
| Fruit | degree of adherence of stone to flesh | fully adherent |
| Fruit | time of ripening | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|--|
| 'Yummy Rosa' | 'Yummy Rosa' matures with the candidate variety. It is similar in size |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics in Candidate Variety | State of Expression in Comparator Variety | State of Expression in Candidate Variety | Comments |
|------------------|---|---|--|---|
| 'Plum Sweet Two' | ground colour of skin | black | purple | 'Plum Sweet Two' also have different maturity time. |
| 'Black Kat' | Fruit ground colour of skin | black | dark blue | |
| 'Flavorich' | Fruit ground colour of skin | black | violet- blue | |
| 'Flavorfall' | Fruit size | medium | large | |
| 'Flavor King' | Fruit time of ripening | medium | late | |
| 'Flavor Supreme' | Fruit ground colour of skin | black | violet- brown | |
| 'Flavor Heart' | Fruit general shape | rounded-flattened | elongated | |
| 'Early Dapple' | Fruit ground colour of skin | black | yellowish-green | |
| 'Dapple Dandy' | Fruit size | medium | large | |
| 'Sweetcot' | Fruit size | medium | large | |
| 'Angeleno' | Fruit size | medium | large | |
| 'Yummy Giant' | Fruit time of ripening | medium | early | |

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

| Organ/Plant Part: Context | ‘Blackred V’ | ‘Yummy Rosa’ |
|---|-------------------------|-------------------------------|
| <input type="checkbox"/> Tree: vigour | strong | strong |
| <input type="checkbox"/> Tree: density of the head | dense | dense |
| <input type="checkbox"/> One year old shoot: attitude | erect to semi-erect | erect |
| <input type="checkbox"/> One year old shoot: intensity of colour | medium to dark | medium to dark |
| <input type="checkbox"/> Spur: length | medium to long | medium to long |
| <input type="checkbox"/> Wood bud: size | medium | medium |
| <input checked="" type="checkbox"/> Wood bud: shape | ovoid | conical |
| <input checked="" type="checkbox"/> Wood bud: position relative to shoot | slightly held out | adpressed |
| <input type="checkbox"/> Leaf: attitude | upwards to horizontal | upwards to horizontal |
| <input checked="" type="checkbox"/> *Leaf blade: shape | broad obovate | elliptic |
| <input type="checkbox"/> *Leaf blade: angle of the tip | pointed | pointed |
| <input type="checkbox"/> Leaf blade: green colour of upper side | dark | dark |
| <input type="checkbox"/> Leaf: glossiness of upper side | strong | strong |
| <input type="checkbox"/> Leaf blade: hairiness of lower side | weak | very weak to weak |
| <input type="checkbox"/> Leaf blade: incisions of margin | serrate | serrate |
| <input type="checkbox"/> *Petiole: length | medium | medium |
| <input type="checkbox"/> Petiole: hairiness of upper side | very weak to weak | very weak to weak |
| <input type="checkbox"/> Petiole: depth of groove | very shallow to shallow | very shallow to shallow |
| <input checked="" type="checkbox"/> Leaf: position of glands | only on petiole | on both leaf base and petiole |
| <input type="checkbox"/> *Peduncle: length | medium | medium |
| <input type="checkbox"/> Flowers: on one year old shoots | present | present |
| <input type="checkbox"/> Flowers: frequency of flowers with double petals | none or very few | none or very few |
| <input type="checkbox"/> Flowers: size | medium | medium to large |
| <input checked="" type="checkbox"/> Flower: overlapping of petals | touching to overlapping | touching |
| <input type="checkbox"/> Sepal: shape | elliptic | elliptic |
| <input type="checkbox"/> Petal: size | medium | medium to large |
| <input type="checkbox"/> *Petal: shape | circular | obovate |
| <input type="checkbox"/> Petal: undulation of margin | medium | weak to medium |
| <input type="checkbox"/> Stigma: position as compared with anthers | same level | same level to above |
| <input type="checkbox"/> *Fruit: size | medium | medium |
| <input checked="" type="checkbox"/> *Fruit: general shape | rounded-flattened | rounded |

| | | | |
|-------------------------------------|---|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> | *Fruit: position of maximum diameter | at centre | at centre |
| <input type="checkbox"/> | *Fruit: symmetry | symmetric | symmetric |
| <input type="checkbox"/> | Fruit: shape of apex | flat | flat |
| <input type="checkbox"/> | Fruit: depth of stalk cavity | medium | medium |
| <input checked="" type="checkbox"/> | *Fruit: ground colour of skin | black | red |
| <input checked="" type="checkbox"/> | *Fruit: colour of flesh | red | yellow |
| <input type="checkbox"/> | Fruit: firmness of flesh | firm | medium to firm |
| <input type="checkbox"/> | Fruit: juiciness | strong | strong to very strong |
| <input type="checkbox"/> | Fruit: acidity | medium | medium |
| <input type="checkbox"/> | Fruit: sweetness | high to very high | high to very high |
| <input type="checkbox"/> | *Fruit: degree of adherence of stone to flesh | fully adherent | fully adherent |
| <input type="checkbox"/> | *Stone: size | small to medium | small to medium |
| <input type="checkbox"/> | *Stone: general shape in profile | round-elliptical | round-elliptical |
| <input type="checkbox"/> | Stone: shape in ventral view | sub-globular | sub-globular |
| <input type="checkbox"/> | Stone: shape in basal view | round-elliptical | round-elliptical |
| <input type="checkbox"/> | Stone: symmetry in profile | asymmetric | symmetric |
| <input type="checkbox"/> | Stone: symmetry in ventral view | symmetric | symmetric |
| <input type="checkbox"/> | *Stone: position of maximum width | at centre | at centre |
| <input type="checkbox"/> | Stone: texture of lateral surfaces | rough | rough |
| <input type="checkbox"/> | Stone: margins of dorsal groove | entire | entire |
| <input type="checkbox"/> | Stone: sharpness of the edges | medium | medium |
| <input type="checkbox"/> | Stone: width of ventral zone | medium | medium |
| <input type="checkbox"/> | Stone: width of stalk-end | medium | medium |
| <input type="checkbox"/> | Stone: angle of stalk-end | right angle or nearly right angle | right angle or nearly right angle |
| <input type="checkbox"/> | Stone: shape of pistil end | intermediate | intermediate |
| <input type="checkbox"/> | *Time of: flowering | medium | early to medium |
| <input type="checkbox"/> | *Time of: ripening | medium | medium |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2007 | Granted | 'Blackred V' |

First sold in the USA in Jan 2007.

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/141 |
| Variety Name | 'Sabre' |
| Genus Species | <i>Chloris gayana</i> |
| Common Name | Rhodes Grass |
| Synonym | |
| Accepted Date | 13 Jul 2009 |
| Applicant | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd, Kenmore, QLD |
| Agent | |
| Qualified Person | Donald S. Loch |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 50 masl) |
| Descriptor | Grass (General descriptor for grasses) PBR GRAS |
| Period | 30 Oct 2008 – 14 May 2009 |
| Conditions | Seed sown on 30 Oct 2008; seedlings transplanted individually into 40 x 40mm tubes (one per tube) on 16 Nov 2008. Seedlings planted out on a spaced plant grid (3m x 3m) on a red volcanic (krasnozem) soil 7 & 8 Jan 2009; weed control by pre-emergence oxadiazon at time of planting plus inter-row cultivation, manual weeding and dicamba + MCPA as required; applied mixed fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) on 21 Jan 2009 to give 101 kg N, 29 kg P, 77 kg K, and 91 kg S per hectare; supplementary irrigation applied as required to maintain unstressed growth. |
| Trial Design | Sixty spaced plants of each of five cultivars ('Sabre', 'Toro', 'Callide', 'Mariner', 'Samford') arranged in twelve randomised blocks (rows) with five plants per plot; 3 m between blocks (rows) and 3 m between plants within blocks. |
| Measurements | Days to flowering after field planting determined for each plant (12 Feb – 27 Apr 2009); diameter of lateral spread measured 18 Mar 2009; plant habit and stolon characteristics (one stolon sampled per plant) measured 24-26 Mar 2009; one reproductive culm per plant sampled to measure stem, leaf and inflorescence characteristics (27 Mar – 14 May 2009); culm stem diameter calculated by averaging the diameters of the second lowest internode and the top internode (i.e. below the peduncle). |
| RHS Chart - edition | 2001 edition |

Origin and Breeding

Mass phenotypic selection was applied to five successive generations of seedlings derived from 'Callide' Rhodes grass grown between 2001 and 2006. In generation 1, selection was based on plant growth and survival under high salinity, followed by selection for improved agronomic characteristics (early flowering, dense leafy erect growth habit) under non-saline conditions. In each of the subsequent generations (2-5), selection was made progressively in 3 stages based on (1) germination under saline conditions, (2) growth and survival under saline conditions, and (3) improved

agronomic characteristics under non-saline conditions. ‘Sabre’ is a synthetic cultivar derived from the final 10 plants selected from the F5 breeding generation. These 10 plants were vegetatively propagated to establish a balanced polycross block at Walkamin (QLD) with >100 m isolation from other tetraploid Rhodes grass cultivars. Commercial seed of ‘Sabre’ will be produced from the second generation of multiplication past the initial vegetatively-established polycross plot. Breeder: Margaret Zorin (Birkdale, QLD).

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------|--|
| Ploidy | chromosome number | tetraploid |
| Flower | date of flowering | late/very late (quantitative short-day response) |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|---|
| ‘Callide’ | Late flowering tetraploid Rhodes grass. |
| ‘Samford’ | Late flowering tetraploid Rhodes grass. |
| ‘Toro’ | Very late flowering ‘Callide’-type tetraploid Rhodes grass. |
| ‘Mariner’ | Very late flowering ‘Samford’-type tetraploid Rhodes grass. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|-------------|--------------------------------|--|---|--|
| ‘Nemkat’ | Ploidy chromosome number | tetraploid | diploid | Early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |
| ‘Nemkat’ | Flower date of flowering | late | early | |
| ‘KP4’ | Ploidy chromosome number | tetraploid | diploid | Early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |
| ‘KP4’ | Flower date of flowering | late | early | |
| ‘Finecut’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |
| ‘Finecut’ | Flower date of flowering | late | early | |
| ‘Gulfcut’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |
| ‘Gulfcut’ | Flower date of flowering | late | early | |
| ‘Reclaimer’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering |

| | | | | | |
|-------------|--------------------------|------------|--|---------|--|
| | | number | | | diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |
| ‘Reclaimer’ | Flower date of flowering | late | | early | |
| ‘Topcut’ | Ploidy chromosome number | tetraploid | | diploid | Very early-flowering diploid ‘Pioneer’-type Rhodes grass (day-neutral flowering response). |
| ‘Topcut’ | Flower date of flowering | late | | early | |
| ‘Salcut’ | Ploidy chromosome number | tetraploid | | diploid | Very early-flowering diploid ‘Pioneer’-type Rhodes grass (day-neutral flowering response). |
| ‘Salcut’ | Flower date of flowering | late | | early | |

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

| Organ/Plant Part: Context | ‘Sabre’ | ‘Mariner’ | ‘Samford’ | ‘Callide’ | ‘Toro’ |
|--|-------------------|------------------|-------------------|---------------------|-------------------|
| <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 type="checkbox"/> Plant: growth habit | stoloniferous | stoloniferous | stoloniferous | stoloniferous | stoloniferous |
| <input type="checkbox"/> Plant: stolons | present | present | present | present | present |
| <input type="checkbox"/> Plant: rhizomes | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Stolon: nodes | compound | compound | compound | compound | compound |
| <input type="checkbox"/> Stolon: number of subtending leaves (compound nodes only) | two to four | two to four | two to four | two to four | two to four |
| <input type="checkbox"/> Stolon: number of branches | many to very many | medium to many | medium to many | few to medium | many |
| <input checked="" type="checkbox"/> Stolon: length of internode | long | long | long to very long | long to very long | long to very long |
| <input checked="" type="checkbox"/> Stolon: width of internode | broad | medium to broad | medium | broad to very broad | broad |
| <input type="checkbox"/> Stolon: colour where exposed to sun (summer) (RHS colour chart) | 146A | 146B | 146A | 146B | 146B |
| <input type="checkbox"/> Stolon: colour where | 183B | 183B-C | 183B-C | 183B | 183B-C |

exposed to sun (winter)
(RHS colour chart)

| | | | | | | |
|-------------------------------------|--------------------------------------|--|--------------------------|--------------------------|--|--|
| <input checked="" type="checkbox"/> | Stolon: length of leaf sheath | long to very long | long | long | long to very long | long to very long |
| <input checked="" type="checkbox"/> | Stolon: length of leaf blade | long | medium | medium | long to very long | long |
| <input type="checkbox"/> | Stolon: width of leaf blade | broad | medium | medium | broad to very broad | broad |
| <input type="checkbox"/> | Stolon: hairiness of leaf sheath | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Stolon: leaf blade glaucosity | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Stolon: shape of leaf blade | linear-triangular | | | linear-triangular | linear-triangular |
| <input type="checkbox"/> | Stolon: shape of leaf apex | narrow acute | narrow acute | narrow acute | narrow acute | narrow acute |
| <input type="checkbox"/> | Stolon: hairs on leaf blade | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Culm: length | long | long | long | long to very long | long |
| <input checked="" type="checkbox"/> | Culm: width | broad | medium | medium | broad to very broad | broad |
| <input checked="" type="checkbox"/> | Culm: number of internodes | many | many to very many | many to very many | many to very many | many to very many |
| <input type="checkbox"/> | Culm: leaf colour (RHS colour chart) | 137B | 137A(-B) | 137B(-A) | 137A | 137B |
| <input type="checkbox"/> | Culm: leaf blade surface | scaberulous | scaberulous | scaberulous | scaberulous | scaberulous |
| <input type="checkbox"/> | Culm: leaf blade veneration | conduplicate | conduplicate | conduplicate | conduplicate | conduplicate |
| <input type="checkbox"/> | Culm: blade margin | scabrous | scabrous | scabrous | scabrous | scabrous |
| <input type="checkbox"/> | Culm: leaf sheath auricle | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Culm: ligule | present | present | present | present | present |
| <input type="checkbox"/> | Culm: ligule structure | fringe of hairs (membrane absent or obscure) | | | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) |
| <input type="checkbox"/> | Collar: colour | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath |
| <input type="checkbox"/> | Collar: hairiness | absent | | | absent | absent |
| <input type="checkbox"/> | Peduncle: length | long to very long | long | long | long to very long | long |

| | | | | | | |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | long | | | | long | |
| <input type="checkbox"/> Peduncle: width | broad | medium to broad | medium to broad | medium to broad | broad to very broad | broad |
| <input checked="" type="checkbox"/> Culm: flag leaf length | long to very long | medium | short to medium | long | long | |
| <input checked="" type="checkbox"/> Culm: flag leaf width | broad | narrow to medium | narrow to medium | broad to very broad | broad to very broad | |
| <input type="checkbox"/> Culm: flag leaf shape | linear-triangular | | | linear-triangular | linear-triangular | |
| <input type="checkbox"/> Culm: flag leaf sheath length | long to very long | long | medium to long | long to very long | long | |
| <input type="checkbox"/> Plant: sex expression | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite |
| <input type="checkbox"/> Inflorescence: type | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle |
| <input type="checkbox"/> Inflorescence: disposition of racemes | digitate | digitate | digitate | digitate | digitate | digitate |
| <input type="checkbox"/> Inflorescence: number of racemes | many | many | many | many | many | many |
| <input type="checkbox"/> Inflorescence: male sterility | absent | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Inflorescence: average number of spikes | more than four | more than four | more than four | more than four | more than four | more than four |
| <input type="checkbox"/> Stigma: colour | white | white | white | white | white | white |
| <input type="checkbox"/> Awns: presence | present | present | present | present | present | present |
| <input type="checkbox"/> Awn: length | long to very long | long | long | long to very long | long to very long | |
| <input type="checkbox"/> Culm: leaf sheath length | long to very long | long to very long | long to very long | long to very long | long to very long | |
| <input type="checkbox"/> Culm: pubescence of leaf sheath | absent | absent | absent | absent | absent | absent |
| <input checked="" type="checkbox"/> Culm: leaf blade length | very long | medium to long | medium | long | long | |
| <input checked="" type="checkbox"/> Culm: leaf blade width | broad to very broad | medium to broad | medium | broad to very broad | very broad | |
| <input type="checkbox"/> Culm: leaf shape | linear | linear | linear | linear | linear | |
| <input type="checkbox"/> Culm: leaf blade glaucosity | absent | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Culm: shape of leaf apex | narrow acute | narrow acute | narrow acute | narrow acute | narrow acute | narrow acute |
| <input type="checkbox"/> Culm: leaf blade pubescence | absent | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Culm: node | absent | absent | absent | absent | absent | absent |

pubescence

| | | | | | |
|-------------------------------------|--------|--------|--------|--------|--------|
| <input type="checkbox"/> Culm: stem | absent | absent | absent | absent | absent |
|-------------------------------------|--------|--------|--------|--------|--------|

pubescence

Statistical Table

| Organ/Plant Part: Context | ‘Sabre’ | ‘Mariner’ | ‘Samford’ | ‘Callide’ | ‘Toro’ |
|---|----------------|------------------|------------------|------------------|---------------|
| <input type="checkbox"/> Plant: mean plant diameter 139 days after sowing (cm) | | | | | |
| Mean | 390.48 | 382.22 | 377.97 | 429.95 | 357.45 |
| Std. Deviation | 82.34 | 100.63 | 88.92 | 86.62 | 105.61 |
| LSD/sig | 39.74 | ns | ns | ns | ns |
| <input type="checkbox"/> Plant: growth habit (0 = prostrate spreading, 9 = erect tussock) | | | | | |
| Mean | 5.30 | 5.25 | 4.93 | 4.30 | 5.23 |
| Std. Deviation | 1.08 | 1.37 | 1.77 | 1.39 | 1.48 |
| <input checked="" type="checkbox"/> Flower: days after field planting to first flowering | | | | | |
| Mean | 76.80 | 93.60 | 87.70 | 87.90 | 95.70 |
| Std. Deviation | 14.48 | 10.73 | 18.98 | 12.71 | 7.57 |
| LSD/sig | 6.30 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Stolon: length of fourth internode from stolon tip (mm) | | | | | |
| Mean | 182.70 | 182.80 | 194.80 | 207.10 | 197.20 |
| Std. Deviation | 40.99 | 39.09 | 46.01 | 43.85 | 38.76 |
| LSD/sig | 21.70 | ns | ns | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Stolon: diameter of fourth internode from stolon tip (mm) | | | | | |
| Mean | 4.86 | 4.33 | 4.14 | 5.59 | 4.90 |
| Std. Deviation | 0.69 | 0.58 | 0.66 | 1.18 | 0.89 |
| LSD/sig | 0.34 | P≤0.01 | P≤0.01 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Stolon: length:diameter ratio of fourth internode from stolon tip | | | | | |
| Mean | 38.13 | 42.49 | 47.48 | 38.01 | 41.22 |
| Std. Deviation | 9.20 | 8.20 | 10.19 | 8.55 | 9.54 |
| LSD/sig | 4.25 | P≤0.01 | P≤0.01 | ns | ns |
| <input type="checkbox"/> Stolon: number of shoots on fourth internode from stolon tip | | | | | |
| Mean | 6.48 | 5.00 | 5.13 | 3.62 | 5.53 |
| Std. Deviation | 5.89 | 5.13 | 3.38 | 2.12 | 3.34 |
| LSD/sig | 1.82 | ns | ns | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Stolon: length of outer leaf sheath on fourth node from stolon tip (mm) | | | | | |
| Mean | 80.00 | 73.00 | 66.00 | 87.20 | 77.60 |
| Std. Deviation | 19.81 | 26.45 | 21.02 | 30.63 | 24.78 |
| LSD/sig | 10.70 | ns | P≤0.01 | ns | ns |
| <input checked="" type="checkbox"/> Stolon: length of blade on leaf at fourth node from stolon tip (mm) | | | | | |
| Mean | 216.00 | 174.80 | 167.00 | 233.30 | 213.60 |
| Std. Deviation | 106.45 | 98.14 | 90.20 | 121.82 | 108.22 |
| LSD/sig | 46.10 | ns | P≤0.01 | ns | ns |
| <input type="checkbox"/> Stolon: length:width ratio of blade on leaf at fourth node from stolon tip | | | | | |
| Mean | 24.81 | 23.68 | 21.59 | 24.63 | 23.74 |
| Std. Deviation | 9.41 | 12.10 | 8.64 | 10.62 | 9.81 |

| | | | | | |
|---|--------|--------|--------|--------|--------|
| LSD/sig | 4.66 | ns | ns | ns | ns |
| <input type="checkbox"/> Culm: length of mature culm (cm) | | | | | |
| Mean | 159.70 | 165.80 | 159.40 | 171.20 | 169.80 |
| Std. Deviation | 16.34 | 15.78 | 23.92 | 16.65 | 17.58 |
| LSD/sig | 10.04 | ns | ns | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Culm: number of mature culm nodes (excluding peduncle and plant base) | | | | | |
| Mean | 7.50 | 8.50 | 8.30 | 7.90 | 8.30 |
| Std. Deviation | 1.28 | 1.77 | 2.05 | 1.29 | 1.55 |
| LSD/sig | 0.80 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Culm: mean stem diameter of culm excluding peduncle (mm) | | | | | |
| Mean | 4.15 | 3.98 | 3.60 | 4.61 | 4.27 |
| Std. Deviation | 0.43 | 0.45 | 0.49 | 0.56 | 0.52 |
| LSD/sig | 0.24 | ns | P≤0.01 | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Culm: length of peduncle on flowering culms (mm) | | | | | |
| Mean | 351.30 | 315.60 | 328.80 | 351.20 | 320.80 |
| Std. Deviation | 76.79 | 76.13 | 70.88 | 81.70 | 68.77 |
| LSD/sig | 33.30 | P≤0.01 | ns | ns | ns |
| <input type="checkbox"/> Culm: diameter of peduncle on flowering culms (mm) | | | | | |
| Mean | 1.48 | 1.42 | 1.37 | 1.67 | 1.48 |
| Std. Deviation | 0.27 | 0.20 | 0.24 | 0.32 | 0.25 |
| LSD/sig | 0.20 | ns | ns | ns | ns |
| <input checked="" type="checkbox"/> Culm: length of flag leaf sheath on flowering culms (mm) | | | | | |
| Mean | 215.45 | 200.67 | 190.38 | 205.83 | 196.70 |
| Std. Deviation | 28.47 | 34.52 | 26.72 | 34.38 | 28.97 |
| LSD/sig | 18.73 | ns | P≤0.01 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Culm: length of blade on flag leaf on flowering culms (mm) | | | | | |
| Mean | 214.40 | 155.00 | 133.90 | 197.30 | 196.30 |
| Std. Deviation | 76.49 | 68.13 | 58.62 | 74.30 | 82.38 |
| LSD/sig | 37.00 | P≤0.01 | P≤0.01 | ns | ns |
| Method Used | | | | | |
| <input checked="" type="checkbox"/> Culm: width of blade on flag leaf on flowering culms (mm) | | | | | |
| Mean | 7.51 | 6.24 | 5.82 | 8.18 | 8.72 |
| Std. Deviation | 2.29 | 1.61 | 1.59 | 2.28 | 2.48 |
| LSD/sig | 1.07 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Culm: length:width ratio of blade on flag leaf on flowering culms | | | | | |
| Mean | 28.97 | 24.79 | 22.98 | 23.93 | 22.65 |
| Std. Deviation | 7.30 | 7.76 | 7.78 | 6.17 | 7.43 |
| LSD/sig | 3.75 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| <input type="checkbox"/> Culm: length of sheath on first leaf below flag leaf on flowering culms (mm) | | | | | |
| Mean | 123.88 | 129.15 | 129.63 | 127.98 | 119.68 |
| Std. Deviation | 16.66 | 17.06 | 19.49 | 16.90 | 20.40 |
| LSD/sig | 7.71 | ns | ns | ns | ns |
| <input checked="" type="checkbox"/> Culm: length of blade on first leaf below flag leaf on flowering culms (mm) | | | | | |
| Mean | 382.80 | 272.20 | 252.30 | 318.50 | 322.90 |
| Std. Deviation | 104.96 | 104.62 | 87.55 | 100.38 | 116.10 |

| | | | | | |
|--|---------|---------|---------|---------|---------|
| LSD/sig | 49.80 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☑ Culm: width of blade on first leaf below flag leaf on flowering culms (mm) | | | | | |
| Mean | 11.96 | 9.80 | 9.18 | 12.18 | 12.09 |
| Std. Deviation | 1.90 | 1.61 | 1.96 | 2.69 | 2.48 |
| LSD/sig | 1.09 | P≤0.01 | P≤0.01 | ns | ns |
| ☑ Culm: length:width ratio of blade on first leaf below flag leaf on flowering culms | | | | | |
| Mean | 32.17 | 27.44 | 27.64 | 25.97 | 26.83 |
| Std. Deviation | 8.06 | 7.77 | 8.21 | 5.58 | 8.44 |
| LSD/sig | 4.03 | P≤0.01 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☑ Inflorescence: total length of racemes per inflorescence (mm) | | | | | |
| Mean | 2014.50 | 2008.20 | 1844.00 | 2312.00 | 1806.40 |
| Std. Deviation | 549.84 | 515.16 | 529.69 | 585.05 | 413.99 |
| LSD/sig | 227.50 | ns | ns | P≤0.01 | ns |
| ☑ Inflorescence: number of racemes per inflorescence | | | | | |
| Mean | 15.30 | 17.90 | 17.60 | 18.50 | 15.70 |
| Std. Deviation | 3.01 | 3.67 | 4.29 | 4.24 | 3.41 |
| LSD/sig | 1.70 | P≤0.01 | P≤0.01 | P≤0.01 | ns |
| ☑ Inflorescence: mean length of individual racemes (mm) | | | | | |
| Mean | 131.40 | 112.51 | 104.35 | 126.19 | 115.91 |
| Std. Deviation | 18.70 | 18.57 | 15.13 | 22.85 | 17.71 |
| LSD/sig | 9.11 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| ☑ Stolon: width of blade on leaf at fourth node from stolon tip (mm) | | | | | |
| Mean | 8.52 | 7.34 | 7.52 | 9.27 | 8.91 |
| Std. Deviation | 1.65 | 1.29 | 1.50 | 2.13 | 2.10 |
| LSD/sig | 0.89 | P≤0.01 | P≤0.01 | ns | ns |

Prior Applications and Sales

Nil.

Description: **Donald S Loch**, Alexandra Hills, QLD & **Margaret Zorin**, Birkdale, QLD

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/139 |
| Variety Name | 'Mariner' |
| Genus Species | <i>Chloris gayana</i> |
| Common Name | Rhodes Grass |
| Synonym | |
| Accepted Date | 13 Jul 2009 |
| Applicant | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd, Kenmore, QLD |
| Agent | |
| Qualified Person | Donald S. Loch |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 50 masl). |
| Descriptor | Grass (General descriptor for grasses) PBR GRAS |
| Period | 30 Oct 2008 – 14 May 2009 |
| Conditions | Seed sown on 30 Oct 2008; seedlings transplanted individually into 40 x 40mm tubes (one per tube) on 16 Nov 2008. Seedlings planted out on a spaced plant grid (3m x 3m) on a red volcanic (krasnozem) soil 7 & 8 Jan 2009; weed control by pre-emergence oxadiazon at time of planting plus inter-row cultivation, manual weeding and dicamba + MCPA as required; applied mixed fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) on 21 Jan 2009 to give 101 kg N, 29 kg P, 77 kg K, and 91 kg S per hectare; supplementary irrigation applied as required to maintain unstressed growth. |
| Trial Design | Sixty spaced plants of each of five cultivars 'Mariner', 'Samford', 'Toro', 'Sabre', 'Callide') arranged in twelve randomised blocks (rows) with five plants per plot; 3m between blocks (rows) and 3m between plants within blocks. |
| Measurements | Days to flowering after field planting determined for each plant (12 Feb – 27 Apr 2009); diameter of lateral spread measured 18 Mar 2009; plant habit and stolon characteristics (one stolon sampled per plant) measured 24-26 Mar 2009; one reproductive culm per plant sampled to measure stem, leaf and inflorescence characteristics (27 Mar – 14 May 2009); culm stem diameter calculated by averaging the diameters of the second lowest internode and the top internode (i.e. below the peduncle). |
| RHS Chart - edition | 2001 edition |

Origin and Breeding

Mass phenotypic selection was applied to four successive generations of seedlings derived from 'Samford' Rhodes grass grown between 2002 and 2006. In each generation, selection was made progressively in 3 stages based on (1) germination under saline conditions, (2) growth and survival under saline conditions, and (3) improved agronomic characteristics (late flowering, dense leafy erect growth habit) under non-saline conditions. 'Mariner' is a synthetic cultivar derived from the final 12 plants selected from the F4 breeding generation. These 12 plants were vegetatively

propagated to establish a balanced polycross block at Walkamin (QLD) with >100 m isolation from other tetraploid Rhodes grass cultivars. Commercial seed of ‘Mariner’ will be produced from the second generation of multiplication past the initial vegetatively-established polycross plot. Breeder: Margaret Zorin (Birkdale, QLD).

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------|--|
| Ploidy | chromosome number | tetraploid |
| Flower | date of flowering | late/very late (quantitative short-day response) |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|--|
| ‘Samford’ | Late flowering tetraploid Rhodes grass |
| ‘Callide’ | Late flowering tetraploid Rhodes grass |
| ‘Sabre’ | Late flowering ‘Callide’-type tetraploid Rhodes grass |
| ‘Toro’ | Very late flowering ‘Callide’-type tetraploid Rhodes grass |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|-------------|--------------------------------|--|---|--|
| ‘Nemkat’ | Ploidy chromosome number | tetraploid | diploid | Early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |
| ‘Nemkat’ | Flower date of flowering | very late | early | |
| ‘KP4’ | Ploidy chromosome number | tetraploid | diploid | Early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |
| ‘KP4’ | Flower date of flowering | very late | early | |
| ‘Finecut’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |
| ‘Finecut’ | Flower date of flowering | very late | very early | |
| ‘Gulfcut’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |
| ‘Reclaimer’ | Flower date of flowering | very late | very early | |
| ‘Topcut’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering diploid ‘Pioneer’-type Rhodes grass (day-neutral flowering response). |

| | | | | |
|-------------|--------------------------|------------|------------|--|
| ‘Topcut’ | Flower date of flowering | very late | very early | |
| ‘Salcut’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering diploid ‘Pioneer’-type Rhodes grass (day-neutral flowering response). |
| ‘Salcut’ | Flower date of flowering | very late | very early | |
| ‘Gulfcut’ | Flower date of flowering | very late | very early | |
| ‘Reclaimer’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response). |

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

| Organ/Plant Part: Context | ‘Mariner’ | ‘Callide’ | ‘Sabre’ | ‘Samford’ | ‘Toro’ |
|--|------------------|---------------------|-------------------|-------------------|-------------------|
| <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 type="checkbox"/> Plant: growth habit | stoloniferous | stoloniferous | stoloniferous | stoloniferous | stoloniferous |
| <input type="checkbox"/> Plant: stolons | present | present | present | present | present |
| <input type="checkbox"/> Plant: rhizomes | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Stolon: nodes | compound | compound | compound | compound | compound |
| <input type="checkbox"/> Stolon: number of subtending leaves (compound nodes only) | two to four | two to four | two to four | two to four | two to four |
| <input type="checkbox"/> Stolon: number of branches | medium to many | few to medium | many to very many | medium to many | many |
| <input checked="" type="checkbox"/> Stolon: length of internode | long | long to very long | long | long to very long | long to very long |
| <input checked="" type="checkbox"/> Stolon: width of internode | medium to broad | broad to very broad | broad | medium | broad |
| <input type="checkbox"/> Stolon: colour where exposed to sun (summer) (RHS colour chart) | 146B | 146B | 146A | 146A | 146B |
| <input type="checkbox"/> Stolon: colour where exposed to sun (winter) (RHS colour chart) | 183B-C | 183B | 183B | 183B-C | 183B-C |

| | | | | | | |
|-------------------------------------|--------------------------------------|--|--|--|--|--|
| <input checked="" type="checkbox"/> | Stolon: length of leaf sheath | long | long to very long | long to very long | long | long to very long |
| <input checked="" type="checkbox"/> | Stolon: length of leaf blade | medium | long to very long | long | medium | long |
| <input checked="" type="checkbox"/> | Stolon: width of leaf blade | medium | broad to very broad | broad | medium | broad |
| <input type="checkbox"/> | Stolon: hairiness of leaf sheath | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Stolon: leaf blade glaucosity | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Stolon: shape of leaf blade | linear-triangular | linear-triangular | linear-triangular | linear-triangular | linear-triangular |
| <input type="checkbox"/> | Stolon: shape of leaf apex | narrow acute | narrow acute | narrow acute | narrow acute | narrow acute |
| <input type="checkbox"/> | Stolon: hairs on leaf blade | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Culm: length | long | long to very long | long | long | long |
| <input type="checkbox"/> | Culm: width | medium | broad to very broad | broad | medium | broad |
| <input type="checkbox"/> | Culm: number of internodes | many to very many | many to very many | many | many to very many | many to very many |
| <input type="checkbox"/> | Culm: leaf colour (RHS colour chart) | 137A(-B) | 137A | 137B | 137B(-A) | 137B |
| <input type="checkbox"/> | Culm: leaf blade surface | scaberulous | scaberulous | scaberulous | scaberulous | scaberulous |
| <input type="checkbox"/> | Culm: leaf blade veneration | conduplicate | conduplicate | conduplicate | conduplicate | conduplicate |
| <input type="checkbox"/> | Culm: blade margin | scabrous | scabrous | scabrous | scabrous | scabrous |
| <input type="checkbox"/> | Culm: leaf sheath auricle | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Culm: ligule | present | present | present | present | present |
| <input type="checkbox"/> | Culm: ligule structure | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) |
| <input type="checkbox"/> | Collar: colour | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath |
| <input type="checkbox"/> | Collar: hairiness | absent | absent | absent | absent | absent |
| <input checked="" type="checkbox"/> | Peduncle: length | long | long to very long | long to very long | long | long |
| <input checked="" type="checkbox"/> | Peduncle: width | medium to | broad to very | broad | medium to | broad |

| | | | | | | |
|-------------------------------------|---|-------------------------|-------------------------|-------------------------|-----------------------------|-------------------------|
| <input checked="" type="checkbox"/> | Culm: flag leaf length | broad medium | broad long | long to very long | broad short to medium | long |
| <input checked="" type="checkbox"/> | Culm: flag leaf width | narrow to medium | broad to very broad | broad | narrow to medium | broad to very broad |
| <input type="checkbox"/> | Culm: flag leaf shape | linear- triangular | linear- triangular | linear- triangular | linear- triangular | linear- triangular |
| <input type="checkbox"/> | Culm: flag leaf sheath length | long | long to very long | long to very long | medium to long | long |
| <input type="checkbox"/> | Plant: sex expression | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite |
| <input type="checkbox"/> | Inflorescence: type | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle |
| <input type="checkbox"/> | Inflorescence: disposition of racemes | digitate | digitate | digitate | digitate | digitate |
| <input type="checkbox"/> | Inflorescence: number of racemes | many | many | many | many | many |
| <input type="checkbox"/> | Inflorescence: male sterility | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Inflorescence: average number of spikes | more than four | more than four | more than four | more than four | more than four |
| <input type="checkbox"/> | Stigma: colour | white | white | white | white | white |
| <input type="checkbox"/> | Awns: presence | present | present | present | present | present |
| <input type="checkbox"/> | Awn: length | long | long to very long | long to very long | long | long to very long |
| <input checked="" type="checkbox"/> | Culm: leaf sheath length | long to very long | long to very long | long to very long | long to very long | long to very long |
| <input type="checkbox"/> | Culm: pubescence of leaf sheath | absent | absent | absent | absent | absent |
| <input checked="" type="checkbox"/> | Culm: leaf blade length | medium to long | long | very long | medium | long |
| <input checked="" type="checkbox"/> | Culm: leaf blade width | medium to broad | broad to very broad | broad to very broad | medium | very broad |
| <input type="checkbox"/> | Culm: leaf shape | linear | linear | linear | linear | linear |
| <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 | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Culm: node pubescence | absent | absent | absent | absent | absent |

| | | | | | | |
|--------------------------|-----------------------|--------|--------|--------|--------|--------|
| <input type="checkbox"/> | Culm: stem pubescence | absent | absent | absent | absent | absent |
|--------------------------|-----------------------|--------|--------|--------|--------|--------|

Statistical Table

| Organ/Plant Part: Context | ‘Mariner’ | ‘Callide’ | ‘Sabre’ | ‘Samford’ | ‘Toro’ |
|---|------------------|------------------|----------------|------------------|---------------|
| <input checked="" type="checkbox"/> Plant: mean plant diameter 139 days after sowing (cm) | | | | | |
| Mean | 382.22 | 429.95 | 390.48 | 377.97 | 357.45 |
| Std. Deviation | 100.63 | 86.62 | 82.34 | 88.92 | 105.61 |
| LSD/sig | 39.74 | P≤0.01 | ns | ns | ns |
| <input type="checkbox"/> Plant: growth habit (0 = prostrate spreading, 9 = erect tussock) | | | | | |
| Mean | 5.25 | 4.30 | 5.30 | 4.93 | 5.23 |
| Std. Deviation | 1.37 | 1.39 | 1.08 | 1.77 | 1.48 |
| <input checked="" type="checkbox"/> Flower: days after field planting to first flowering | | | | | |
| Mean | 93.60 | 87.90 | 76.80 | 87.70 | 95.70 |
| Std. Deviation | 10.73 | 12.71 | 14.48 | 18.98 | 7.57 |
| LSD/sig | 6.30 | ns | P≤0.01 | ns | ns |
| <input checked="" type="checkbox"/> Stolon: length of fourth internode from stolon tip (mm) | | | | | |
| Mean | 182.80 | 207.10 | 182.70 | 194.80 | 197.20 |
| Std. Deviation | 39.09 | 43.85 | 40.99 | 46.01 | 38.76 |
| LSD/sig | 21.70 | P≤0.01 | ns | ns | ns |
| <input checked="" type="checkbox"/> Stolon: diameter of fourth internode from stolon tip (mm) | | | | | |
| Mean | 4.33 | 5.59 | 4.86 | 4.14 | 4.90 |
| Std. Deviation | 0.58 | 1.18 | 0.69 | 0.66 | 0.89 |
| LSD/sig | 0.34 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Stolon: length:diameter ratio of fourth internode from stolon tip | | | | | |
| Mean | 42.49 | 38.01 | 38.13 | 47.48 | 41.22 |
| Std. Deviation | 8.20 | 8.55 | 9.20 | 10.19 | 9.54 |
| LSD/sig | 4.25 | P≤0.01 | P≤0.01 | P≤0.01 | ns |
| <input type="checkbox"/> Stolon: number of shoots on fourth internode from stolon tip | | | | | |
| Mean | 5.00 | 3.62 | 6.48 | 5.13 | 5.53 |
| Std. Deviation | 5.13 | 2.12 | 5.89 | 3.38 | 3.34 |
| LSD/sig | 1.82 | ns | ns | ns | ns |
| <input checked="" type="checkbox"/> Stolon: length of outer leaf sheath on fourth node from stolon tip (mm) | | | | | |
| Mean | 73.00 | 87.20 | 80.00 | 66.00 | 77.60 |
| Std. Deviation | 26.45 | 30.63 | 19.81 | 21.02 | 24.78 |
| LSD/sig | 10.70 | P≤0.01 | ns | ns | ns |
| <input checked="" type="checkbox"/> Stolon: length of blade on leaf at fourth node from stolon tip (mm) | | | | | |
| Mean | 174.80 | 233.30 | 216.00 | 167.00 | 213.60 |
| Std. Deviation | 98.14 | 121.82 | 106.45 | 90.20 | 108.22 |
| LSD/sig | 46.10 | P≤0.01 | ns | ns | ns |
| <input type="checkbox"/> Stolon: length:width ratio of blade on leaf at fourth node from stolon tip | | | | | |
| Mean | 23.68 | 24.63 | 24.81 | 21.59 | 23.74 |
| Std. Deviation | 12.10 | 10.62 | 9.41 | 8.64 | 9.81 |
| LSD/sig | 4.66 | ns | ns | ns | ns |

| | | | | | | |
|-------------------------------------|--|--------|--------|--------|--------|--|
| <input type="checkbox"/> | Culm: length of mature culm (cm) | | | | | |
| Mean | 165.80 | 171.20 | 159.70 | 159.40 | 169.80 | |
| Std. Deviation | 15.78 | 16.65 | 16.34 | 23.92 | 17.58 | |
| LSD/sig | 10.04 | ns | ns | ns | ns | |
| <input checked="" type="checkbox"/> | Culm: number of mature culm nodes (excluding peduncle and plant base) | | | | | |
| Mean | 8.50 | 7.90 | 7.50 | 8.30 | 8.30 | |
| Std. Deviation | 1.77 | 1.29 | 1.28 | 2.05 | 1.55 | |
| LSD/sig | 0.80 | ns | P≤0.01 | ns | ns | |
| <input checked="" type="checkbox"/> | Culm: mean stem diameter of culm excluding peduncle (mm) | | | | | |
| Mean | 3.98 | 4.61 | 4.15 | 3.60 | 4.27 | |
| Std. Deviation | 0.45 | 0.56 | 0.43 | 0.49 | 0.52 | |
| LSD/sig | 0.24 | P≤0.01 | ns | P≤0.01 | P≤0.01 | |
| <input checked="" type="checkbox"/> | Culm: length of peduncle on flowering culms (mm) | | | | | |
| Mean | 315.60 | 351.20 | 351.30 | 328.80 | 320.80 | |
| Std. Deviation | 76.13 | 81.70 | 76.79 | 70.88 | 68.77 | |
| LSD/sig | 33.30 | P≤0.01 | P≤0.01 | ns | ns | |
| <input checked="" type="checkbox"/> | Culm: diameter of peduncle on flowering culms (mm) | | | | | |
| Mean | 1.42 | 1.67 | 1.48 | 1.37 | 1.48 | |
| Std. Deviation | 0.20 | 0.32 | 0.27 | 0.24 | 0.25 | |
| LSD/sig | 0.11 | P≤0.01 | ns | ns | ns | |
| <input type="checkbox"/> | Culm: length of flag leaf sheath on flowering culms (mm) | | | | | |
| Mean | 200.67 | 205.83 | 215.45 | 190.38 | 196.70 | |
| Std. Deviation | 34.52 | 34.38 | 28.47 | 26.72 | 28.97 | |
| LSD/sig | 18.73 | ns | ns | ns | ns | |
| <input checked="" type="checkbox"/> | Culm: length of blade on flag leaf on flowering culms (mm) | | | | | |
| Mean | 155.00 | 197.30 | 214.40 | 133.90 | 196.30 | |
| Std. Deviation | 68.13 | 74.30 | 76.49 | 58.62 | 82.38 | |
| LSD/sig | 37.00 | P≤0.01 | P≤0.01 | ns | P≤0.01 | |
| <input checked="" type="checkbox"/> | Culm: width of blade on flag leaf on flowering culms (mm) | | | | | |
| Mean | 6.24 | 8.18 | 7.51 | 5.82 | 8.72 | |
| Std. Deviation | 1.61 | 2.28 | 2.29 | 1.59 | 2.48 | |
| LSD/sig | 1.07 | P≤0.01 | P≤0.01 | ns | P≤0.01 | |
| <input checked="" type="checkbox"/> | Culm: length:width ratio of blade on flag leaf on flowering culms | | | | | |
| Mean | 24.79 | 23.93 | 28.97 | 22.98 | 22.65 | |
| Std. Deviation | 7.76 | 6.17 | 7.30 | 7.78 | 7.43 | |
| LSD/sig | 3.75 | ns | P≤0.01 | ns | ns | |
| <input checked="" type="checkbox"/> | Culm: length of sheath on first leaf below flag leaf on flowering culms (mm) | | | | | |
| Mean | 129.15 | 127.98 | 123.88 | 129.63 | 119.68 | |
| Std. Deviation | 17.06 | 16.90 | 16.66 | 19.49 | 20.40 | |
| LSD/sig | 7.71 | ns | ns | ns | P≤0.01 | |
| <input checked="" type="checkbox"/> | Culm: length of blade on first leaf below flag leaf on flowering culms (mm) | | | | | |
| Mean | 272.20 | 318.50 | 382.80 | 252.30 | 322.90 | |
| Std. Deviation | 104.62 | 100.38 | 104.96 | 87.55 | 116.10 | |
| LSD/sig | 49.80 | ns | P≤0.01 | ns | P≤0.01 | |

| | | | | | | |
|----------------|--|---------|---------|---------|---------|--|
| ☑ | Culm: width of blade on first leaf below flag leaf on flowering culms (mm) | | | | | |
| Mean | 9.80 | 12.18 | 11.96 | 9.18 | 12.09 | |
| Std. Deviation | 1.61 | 2.69 | 1.90 | 1.96 | 2.48 | |
| LSD/sig | 1.09 | P≤0.01 | P≤0.01 | ns | P≤0.01 | |
| ☑ | Culm: length:width ratio of blade on first leaf below flag leaf on flowering culms | | | | | |
| Mean | 27.44 | 25.97 | 32.17 | 27.64 | 26.83 | |
| Std. Deviation | 7.77 | 5.58 | 8.06 | 8.21 | 8.44 | |
| LSD/sig | 4.03 | ns | P≤0.01 | ns | ns | |
| ☑ | Inflorescence: total length of racemes per inflorescence (mm) | | | | | |
| Mean | 2008.20 | 2312.00 | 2014.50 | 1844.00 | 1806.40 | |
| Std. Deviation | 515.16 | 585.05 | 549.84 | 529.69 | 413.99 | |
| LSD/sig | 227.50 | P≤0.01 | ns | ns | ns | |
| ☑ | Inflorescence: number of racemes per inflorescence | | | | | |
| Mean | 17.90 | 18.50 | 15.30 | 17.60 | 15.70 | |
| Std. Deviation | 3.67 | 4.24 | 3.01 | 4.29 | 3.41 | |
| LSD/sig | 1.70 | ns | P≤0.01 | ns | P≤0.01 | |
| ☑ | Inflorescence: mean length of individual racemes (mm) | | | | | |
| Mean | 112.51 | 126.19 | 131.40 | 104.35 | 115.91 | |
| Std. Deviation | 18.57 | 22.85 | 18.70 | 15.13 | 17.71 | |
| LSD/sig | 9.11 | P≤0.01 | P≤0.01 | ns | ns | |
| ☑ | Stolon: width of blade on leaf at fourth node from stolon tip (mm) | | | | | |
| Mean | 7.34 | 9.27 | 8.52 | 7.52 | 8.91 | |
| Std. Deviation | 1.29 | 2.13 | 1.65 | 1.50 | 2.10 | |
| LSD/sig | 0.89 | P≤0.01 | P≤0.01 | ns | P≤0.01 | |

Prior Applications and Sales

Nil.

Description: **Donald S Loch**, Alexandra Hills, QLD & **Margaret Zorin**, Birkdale, QLD

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/140 |
| Variety Name | 'Toro' |
| Genus Species | <i>Chloris gayana</i> |
| Common Name | Rhodes Grass |
| Synonym | |
| Accepted Date | 13 Jul 2009 |
| Applicant | Blue Ribbon Seed and Pulse Exporters Pty Ltd, Australian Premium Seeds Holdings Pty Ltd, Kenmore, QLD |
| Agent | |
| Qualified Person | Donald S. Loch |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Birkdale, QLD (Latitude 27°30'S, longitude 153°14'E, elevation 50 masl) |
| Descriptor | Grass (General descriptor for grasses) PBR GRAS |
| Period | 30 Oct 2008 – 14 May 2009 |
| Conditions | Seed sown on 30 Oct 2008; seedlings transplanted individually into 40 x 40mm tubes (one per tube) on 16 Nov 2008. Seedlings planted out on a spaced plant grid (3m x 3m) on a red volcanic (krasnozem) soil 7 & 8 Jan 2009; weed control by pre-emergence oxadiazon at time of planting plus inter-row cultivation, manual weeding and dicamba + MCPA as required; applied mixed fertiliser (N:P:K:S = 15.1:4.4:11.5:13.6) on 21 Jan 2009 to give 101 kg N, 29 kg P, 77 kg K, and 91 kg S per hectare; supplementary irrigation applied as required to maintain unstressed growth. |
| Trial Design | Sixty spaced plants of each of five cultivars 'Toro', 'Sabre', 'Callide', 'Mariner', 'Samford') arranged in twelve randomised blocks (rows) with five plants per plot; 3m between blocks (rows) and 3m between plants within blocks. |
| Measurements | Days to flowering after field planting determined for each plant (12 Feb – 27 Apr 2009); diameter of lateral spread measured 18 Mar 2009; plant habit and stolon characteristics (one stolon sampled per plant) measured 24-26 Mar 2009; one reproductive culm per plant sampled to measure stem, leaf and inflorescence characteristics (27 Mar – 14 May 2009); culm stem diameter calculated by averaging the diameters of the second lowest internode and the top internode (i.e. below the peduncle). |
| RHS Chart - edition | 2001 edition |

Origin and Breeding

Mass phenotypic selection was applied to four successive generations of seedlings derived from 'Callide' Rhodes grass grown between 2001 and 2005. In generation 1, selection was based on plant growth and survival under high salinity, followed by selection for improved agronomic characteristics (late flowering, dense leafy erect growth habit) under non-saline conditions. In each of the subsequent generations (2-4), selection was made progressively in 3 stages based on (1) germination under saline conditions, (2) growth and survival under saline conditions, and (3) improved

agronomic characteristics under non-saline conditions. ‘Toro’ is a synthetic cultivar derived from the final 13 plants selected from the F4 breeding generation. These 13 plants were vegetatively propagated to establish a balanced polycross block at Walkamin (QLD) with >100 m isolation from other tetraploid Rhodes grass cultivars. Commercial seed of ‘Toro’ will be produced from the second generation of multiplication past the initial vegetatively-established polycross plot. Breeder: Margaret Zorin (Birkdale, QLD).

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------|--|
| Ploidy | chromosome number | tetraploid |
| Flower | date of flowering | late/very late (quantitative short-day response) |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------|---|
| ‘Callide’ | Late flowering tetraploid Rhodes grass. |
| ‘Samford’ | Late flowering tetraploid Rhodes grass. |
| ‘Sabre’ | Late flowering ‘Callide’-type tetraploid Rhodes grass. |
| ‘Mariner’ | Very late flowering ‘Samford’-type tetraploid Rhodes grass. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|-----------|--------------------------------|--|---|---|
| ‘Nemkat’ | Ploidy chromosome number | tetraploid | diploid | Early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response) |
| ‘Nemkat’ | Flower date of flowering | very late | early | |
| ‘KP4’ | Ploidy chromosome number | tetraploid | diploid | Early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response) |
| ‘KP4’ | Flower date of flowering | very late | early | |
| ‘Finecut’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response) |
| ‘Finecut’ | Flower date of flowering | very late | very early | |
| ‘Topcut’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering diploid ‘Pioneer’-type Rhodes grass (day-neutral flowering response) |
| ‘Topcut’ | Flower date of flowering | very late | very early | |
| ‘Gulfcut’ | Ploidy chromosome number | tetraploid | diploid | Very early-flowering |

| | | | | | |
|-------------|--------------------------|------------|--|------------|---|
| | | number | | | diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response) |
| ‘Gulfcut’ | Flower date of flowering | very late | | very early | |
| ‘Reclaimer’ | Ploidy chromosome number | tetraploid | | diploid | Very early-flowering diploid ‘Katambora’-type Rhodes grass (day-neutral flowering response) |
| ‘Reclaimer’ | Flower date of flowering | very late | | very early | |
| ‘Salcut’ | Ploidy chromosome number | tetraploid | | diploid | Very early-flowering diploid ‘Pioneer’-type Rhodes grass (day-neutral flowering response) |
| ‘Salcut’ | Flower date of flowering | very late | | very early | |

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

| Organ/Plant Part: Context | ‘Toro’ | ‘Callide’ | ‘Mariner’ | ‘Sabre’ | ‘Samford’ |
|--|-------------------|---------------------|------------------|-------------------|-------------------|
| <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 type="checkbox"/> Plant: growth habit | stoloniferous | stoloniferous | stoloniferous | stoloniferous | stoloniferous |
| <input type="checkbox"/> Plant: stolons | present | present | present | present | present |
| <input type="checkbox"/> Plant: rhizomes | absent | absent | absent | absent | absent |
| <input type="checkbox"/> Stolon: nodes | compound | compound | compound | compound | compound |
| <input type="checkbox"/> Stolon: number of subtending leaves (compound nodes only) | two to four | two to four | two to four | two to four | two to four |
| <input checked="" type="checkbox"/> Stolon: number of branches | many | few to medium | medium to many | many to very many | medium to many |
| <input type="checkbox"/> Stolon: length of internode | long to very long | long to very long | long | long | long to very long |
| <input checked="" type="checkbox"/> Stolon: width of internode | broad | broad to very broad | medium to broad | broad | medium |
| <input type="checkbox"/> Stolon: colour where exposed to sun (summer) (RHS colour chart) | 146B | 146B | 146B | 146A | 146A |
| <input type="checkbox"/> Stolon: colour where | 183B-C | 183B | 183B-C | 183B | 183B-C |

exposed to sun (winter)
(RHS colour chart)

| | | | | | | |
|-------------------------------------|--------------------------------------|--|--|--|--|--|
| <input checked="" type="checkbox"/> | Stolon: length of leaf sheath | long to very long | long to very long | long | long to very long | long |
| <input checked="" type="checkbox"/> | Stolon: length of leaf blade | long | long to very long | medium | long | medium |
| <input checked="" type="checkbox"/> | Stolon: width of leaf blade | broad | broad to very broad | medium | broad | medium |
| <input type="checkbox"/> | Stolon: hairiness of leaf sheath | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Stolon: leaf blade glaucosity | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Stolon: shape of leaf blade | linear-triangular | linear-triangular | linear-triangular | linear-triangular | linear-triangular |
| <input type="checkbox"/> | Stolon: shape of leaf apex | narrow acute | narrow acute | narrow acute | narrow acute | narrow acute |
| <input type="checkbox"/> | Stolon: hairs on leaf blade | absent | absent | absent | absent | absent |
| <input checked="" type="checkbox"/> | Culm: length | long | long to very long | long | long | long |
| <input checked="" type="checkbox"/> | Culm: width | broad | broad to very broad | medium | broad | medium |
| <input checked="" type="checkbox"/> | Culm: number of internodes | many to very many | many to very many | many to very many | many | many to very many |
| <input type="checkbox"/> | Culm: leaf colour (RHS colour chart) | 137B | 137A | 137A(-B) | 137B | 137B(-A) |
| <input type="checkbox"/> | Culm: leaf blade surface | scaberulous | scaberulous | scaberulous | scaberulous | scaberulous |
| <input type="checkbox"/> | Culm: leaf blade veneration | conduplicate | conduplicate | conduplicate | conduplicate | conduplicate |
| <input type="checkbox"/> | Culm: blade margin | scabrous | scabrous | scabrous | scabrous | scabrous |
| <input type="checkbox"/> | Culm: leaf sheath auricle | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Culm: ligule | present | present | present | present | present |
| <input type="checkbox"/> | Culm: ligule structure | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) | fringe of hairs (membrane absent or obscure) |
| <input type="checkbox"/> | Collar: colour | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath | lighter than leaf sheath |
| <input type="checkbox"/> | Collar: hairiness | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Peduncle: length | long | long to very long | long | long to very long | long |

| | | | | | | |
|-------------------------------------|---|-------------------------|--------------------------------|-------------------------|-------------------------|-------------------------|
| <input checked="" type="checkbox"/> | Peduncle: width | broad | long broad to very broad | medium to broad | long broad | medium to broad |
| <input checked="" type="checkbox"/> | Culm: flag leaf length | long | long | medium | very long | short to medium |
| <input checked="" type="checkbox"/> | Culm: flag leaf width | broad to very broad | broad to very broad | narrow to medium | broad to very broad | narrow to medium |
| <input type="checkbox"/> | Culm: flag leaf shape | linear- triangular | linear- triangular | linear- triangular | linear- triangular | linear- triangular |
| <input checked="" type="checkbox"/> | Culm: flag leaf sheath length | long | long to very long | long | long to very long | medium to long |
| <input type="checkbox"/> | Plant: sex expression | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite | hermaphrodite |
| <input type="checkbox"/> | Inflorescence: type | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle | sub-digitate panicle |
| <input type="checkbox"/> | Inflorescence: disposition of racemes | digitate | digitate | digitate | digitate | digitate |
| <input type="checkbox"/> | Inflorescence: number of racemes | many | many | many | many | many |
| <input type="checkbox"/> | Inflorescence: male sterility | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Inflorescence: average number of spikes | more than four | more than four | more than four | more than four | more than four |
| <input type="checkbox"/> | Stigma: colour | white | white | white | white | white |
| <input type="checkbox"/> | Awms: presence | present | present | present | present | present |
| <input type="checkbox"/> | Awn: length | long to very long | long to very long | long | long to very long | long |
| <input checked="" type="checkbox"/> | Culm: leaf sheath length | long | long to very long | long to very long | long to very long | long to very long |
| <input type="checkbox"/> | Culm: pubescence of leaf sheath | absent | absent | absent | absent | absent |
| <input checked="" type="checkbox"/> | Culm: leaf blade length | long | long | medium to long | very long | medium |
| <input checked="" type="checkbox"/> | Culm: leaf blade width | very broad | broad to very broad | medium to broad | broad to very broad | medium |
| <input type="checkbox"/> | Culm: leaf shape | linear | linear | linear | linear | linear |
| <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 | absent | absent | absent | absent | absent |
| <input type="checkbox"/> | Culm: node | absent | absent | absent | absent | absent |

pubescence

| | | | | | |
|--|--------|--------|--------|--------|--------|
| <input type="checkbox"/> Culm: stem pubescence | absent | absent | absent | absent | absent |
|--|--------|--------|--------|--------|--------|

Statistical Table

| Organ/Plant Part: Context | 'Toro' | 'Callide' | 'Mariner' | 'Sabre' | 'Samford' |
|---|---------------|------------------|------------------|----------------|------------------|
| <input checked="" type="checkbox"/> Plant: mean plant diameter 139 days after sowing (cm) | | | | | |
| Mean | 357.45 | 429.95 | 382.22 | 390.48 | 377.97 |
| Std. Deviation | 105.61 | 86.62 | 100.63 | 82.34 | 88.92 |
| LSD/sig | 39.74 | P≤0.01 | ns | ns | ns |
| <input type="checkbox"/> Plant: growth habit (0 = prostrate spreading, 9 = erect tussock) | | | | | |
| Mean | 5.23 | 4.30 | 5.25 | 5.30 | 4.93 |
| Std. Deviation | 1.48 | 1.39 | 1.37 | 1.08 | 1.77 |
| <input checked="" type="checkbox"/> Inflorescence: number of racemes per inflorescence | | | | | |
| Mean | 15.70 | 18.50 | 17.90 | 15.30 | 17.60 |
| Std. Deviation | 3.41 | 4.24 | 3.67 | 3.01 | 4.29 |
| LSD/sig | 1.70 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Stolon: diameter of fourth internode from stolon tip (mm) | | | | | |
| Mean | 4.90 | 5.59 | 4.33 | 4.86 | 4.14 |
| Std. Deviation | 0.89 | 1.18 | 0.58 | 0.69 | 0.66 |
| LSD/sig | 0.34 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Stolon: length:diameter ratio of fourth internode from stolon tip | | | | | |
| Mean | 41.22 | 38.01 | 42.49 | 38.13 | 47.48 |
| Std. Deviation | 9.54 | 8.55 | 8.20 | 9.20 | 10.19 |
| LSD/sig | 4.25 | ns | ns | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Stolon: number of shoots on fourth internode from stolon tip | | | | | |
| Mean | 5.53 | 3.62 | 5.00 | 6.48 | 5.13 |
| Std. Deviation | 3.34 | 2.12 | 5.13 | 5.89 | 3.38 |
| LSD/sig | 1.82 | P≤0.01 | ns | ns | ns |
| <input checked="" type="checkbox"/> Stolon: length of outer leaf sheath on fourth node from stolon tip (mm) | | | | | |
| Mean | 77.60 | 87.20 | 73.00 | 80.00 | 66.00 |
| Std. Deviation | 24.78 | 30.63 | 26.45 | 19.81 | 21.02 |
| LSD/sig | 10.70 | ns | ns | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Stolon: length of blade on leaf at fourth node from stolon tip (mm) | | | | | |
| Mean | 213.60 | 233.30 | 174.80 | 216.00 | 167.00 |
| Std. Deviation | 108.22 | 121.82 | 98.14 | 106.45 | 90.20 |
| LSD/sig | 46.10 | ns | ns | ns | P≤0.01 |
| <input type="checkbox"/> Stolon: width of blade on leaf at fourth node from stolon tip (mm) | | | | | |
| Mean | 8.91 | 9.27 | 7.34 | 8.52 | 7.52 |
| Std. Deviation | 2.10 | 2.13 | 1.29 | 1.65 | 1.50 |
| LSD/sig | 0.89 | ns | P≤0.01 | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Culm: length of blade on first leaf below flag leaf on flowering culms (mm) | | | | | |
| Mean | 322.90 | 318.50 | 272.20 | 382.80 | 252.30 |
| Std. Deviation | 116.10 | 100.38 | 104.62 | 104.96 | 87.55 |

| | | | | | |
|--|--------|--------|--------|--------|--------|
| LSD/sig | 49.80 | ns | P≤0.01 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Culm: length of mature culm (cm) | | | | | |
| Mean | 169.80 | 171.20 | 165.80 | 159.70 | 159.40 |
| Std. Deviation | 17.58 | 16.65 | 15.78 | 16.34 | 23.92 |
| LSD/sig | 10.04 | ns | ns | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Culm: number of mature culm nodes (excluding peduncle and plant base) | | | | | |
| Mean | 8.30 | 7.90 | 8.50 | 7.50 | 8.30 |
| Std. Deviation | 1.55 | 1.29 | 1.77 | 1.28 | 2.05 |
| LSD/sig | 0.80 | ns | ns | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Culm: mean stem diameter of culm excluding peduncle (mm) | | | | | |
| Mean | 4.27 | 4.61 | 3.98 | 4.15 | 3.60 |
| Std. Deviation | 0.52 | 0.56 | 0.45 | 0.43 | 0.49 |
| LSD/sig | 0.24 | P≤0.01 | P≤0.01 | ns | P≤0.01 |
| <input type="checkbox"/> Culm: length of peduncle on flowering culms (mm) | | | | | |
| Mean | 320.80 | 351.20 | 315.60 | 351.30 | 328.80 |
| Std. Deviation | 68.77 | 81.70 | 76.13 | 76.79 | 70.88 |
| LSD/sig | 33.30 | ns | ns | ns | ns |
| <input checked="" type="checkbox"/> Culm: diameter of peduncle on flowering culms (mm) | | | | | |
| Mean | 1.48 | 1.67 | 1.42 | 1.48 | 1.37 |
| Std. Deviation | 0.25 | 0.32 | 0.20 | 0.27 | 0.24 |
| LSD/sig | 0.11 | P≤0.01 | ns | ns | P≤0.01 |
| <input checked="" type="checkbox"/> Culm: length of flag leaf sheath on flowering culms (mm) | | | | | |
| Mean | 196.70 | 205.83 | 200.67 | 215.45 | 190.38 |
| Std. Deviation | 28.97 | 34.38 | 34.52 | 28.47 | 26.72 |
| LSD/sig | 18.73 | ns | ns | P≤0.01 | ns |
| <input checked="" type="checkbox"/> Culm: length of blade on flag leaf on flowering culms (mm) | | | | | |
| Mean | 196.30 | 197.30 | 155.00 | 214.40 | 133.90 |
| Std. Deviation | 82.38 | 74.30 | 68.13 | 76.49 | 58.62 |
| LSD/sig | 37.00 | ns | P≤0.01 | ns | P≤0.01 |
| <input type="checkbox"/> Culm: width of blade on flag leaf on flowering culms (mm) | | | | | |
| Mean | 8.72 | 8.18 | 6.24 | 7.51 | 5.82 |
| Std. Deviation | 2.48 | 2.28 | 1.61 | 2.29 | 1.59 |
| LSD/sig | 1.07 | ns | P≤0.01 | P≤0.01 | P≤0.01 |
| <input checked="" type="checkbox"/> Culm: length:width ratio of blade on flag leaf on flowering culms | | | | | |
| Mean | 22.65 | 23.93 | 24.79 | 28.97 | 22.98 |
| Std. Deviation | 7.43 | 6.17 | 7.76 | 7.30 | 7.78 |
| LSD/sig | 3.75 | ns | ns | P≤0.01 | ns |
| <input type="checkbox"/> Stolon: length:width ratio of blade on leaf at fourth node from stolon tip | | | | | |
| Mean | 23.74 | 24.63 | 23.68 | 24.81 | 21.59 |
| Std. Deviation | 9.81 | 10.62 | 12.10 | 9.41 | 8.64 |
| LSD/sig | 4.66 | ns | ns | ns | ns |
| <input checked="" type="checkbox"/> Culm: length of sheath on first leaf below flag leaf on flowering culms (mm) | | | | | |
| Mean | 119.68 | 127.98 | 129.15 | 123.88 | 129.63 |
| Std. Deviation | 20.40 | 16.90 | 17.06 | 16.66 | 19.49 |
| LSD/sig | 7.71 | P≤0.01 | P≤0.01 | ns | P≤0.01 |

| | | | | | | |
|-------------------------------------|--|---------|---------|---------|---------|--|
| <input checked="" type="checkbox"/> | Culm: width of blade on first leaf below flag leaf on flowering culms (mm) | | | | | |
| Mean | 12.09 | 12.18 | 9.80 | 11.96 | 9.18 | |
| Std. Deviation | 2.48 | 2.69 | 1.61 | 1.90 | 1.96 | |
| LSD/sig | 1.09 | ns | P≤0.01 | ns | P≤0.01 | |
| <input checked="" type="checkbox"/> | Culm: length:width ratio of blade on first leaf below flag leaf on flowering culms | | | | | |
| Mean | 26.83 | 25.97 | 27.44 | 32.17 | 27.64 | |
| Std. Deviation | 8.44 | 5.58 | 7.77 | 8.06 | 8.21 | |
| LSD/sig | 4.03 | ns | ns | P≤0.01 | ns | |
| <input checked="" type="checkbox"/> | Inflorescence: total length of racemes per inflorescence (mm) | | | | | |
| Mean | 1806.40 | 2312.00 | 2008.20 | 2014.50 | 1844.00 | |
| Std. Deviation | 413.99 | 585.05 | 515.16 | 549.84 | 529.69 | |
| LSD/sig | 227.50 | P≤0.01 | ns | ns | ns | |
| <input type="checkbox"/> | Stolon: length of fourth internode from stolon tip (mm) | | | | | |
| Mean | 197.20 | 207.10 | 182.80 | 182.70 | 194.80 | |
| Std. Deviation | 38.76 | 43.85 | 39.09 | 40.99 | 46.01 | |
| LSD/sig | 21.70 | ns | ns | ns | ns | |
| <input checked="" type="checkbox"/> | Inflorescence: mean length of individual racemes (mm) | | | | | |
| Mean | 115.91 | 87.90 | 93.60 | 76.80 | 87.70 | |
| Std. Deviation | 17.71 | 12.71 | 10.73 | 14.48 | 18.98 | |
| LSD/sig | 9.11 | P≤0.01 | ns | P≤0.01 | P≤0.01 | |
| <input checked="" type="checkbox"/> | Flower: days after field planting to first flowering | | | | | |
| Mean | 95.70 | 87.90 | 93.60 | 76.80 | 87.70 | |
| Std. Deviation | 7.57 | 12.71 | 10.73 | 14.48 | 18.98 | |
| LSD/sig | 6.30 | P≤0.01 | ns | P≤0.01 | P≤0.01 | |

Prior Applications and Sales

Nil.

Description: **Donald S Loch**, Alexandra Hills, QLD & **Margaret Zorin**, Birkdale, QLD

Details of Application

| | |
|---------------------------|--|
| Application Number | 2005/096 |
| Variety Name | 'Korhocsel' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 29 Jun 2005 |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Agent | Treloar Roses Pty Ltd, Portland, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | Summer –Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Korhocsel' was budded in early summer 2010 onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn on one and two year old budded plants grown in double rows along with other varieties of Kordes roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Spontaneous Mutation: found in Korflapei', vegetatively propagated and flowered in a number of growing seasons and has been proven to be stable for its phenotypic characteristics. Breeder: W. Kordes' Sohne Rosenschulen

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Plant | growth type | shrub |
| Plant | growth habit | intermediate |
| Flower | colour group | red blend |
| Flower | colour | striped yellow-red |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|---------------|-----------------|
| 'Hocus Pocus' | |

Varieties of Common Knowledge identified above and subsequently excluded

| Variety | Distinguishing Characteristic | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|-----------|-------------------------------|---------|--|---|----------|
| | Organ/Plant Part | Context | | | |
| 'Papagayo | Flower | colour | striped yellow-red | striped dark red-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 | 'Korhocsel' | 'Hocus Pocus' |
|--|---------------------|---------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | intermediate | intermediate |
| <input type="checkbox"/> Plant: height | short to medium | short to medium |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | medium | medium |
| <input checked="" type="checkbox"/> Stem: number of prickles | few | absent or very few |
| <input checked="" type="checkbox"/> Prickles: predominant colour | reddish | |
| <input checked="" type="checkbox"/> Leaf: size | medium | large |
| <input 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 | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak | weak |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | medium elliptic | medium elliptic |
| <input type="checkbox"/> Terminal leaflet: shape of base of blade | obtuse | obtuse |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | absent | present |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | very few | very few |
| <input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only) | very few | very few |
| <input type="checkbox"/> Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| <input type="checkbox"/> *Flower: type | double | double |
| <input type="checkbox"/> *Flower: number of petals | few to medium | few to medium |
| <input type="checkbox"/> *Flower: colour group | red blend | red blend |
| <input type="checkbox"/> Flower: colour of the centre | red | red |

| | | | |
|-------------------------------------|--|------------------------|------------------------|
| <input type="checkbox"/> | Flower: density of petals | loose | loose |
| <input type="checkbox"/> | *Flower: diameter | medium | medium |
| <input type="checkbox"/> | *Flower: shape | irregularly rounded | irregularly rounded |
| <input type="checkbox"/> | Flower: profile of upper part | flattened convex | flattened convex |
| <input type="checkbox"/> | *Flower: profile of lower part | concave | concave |
| <input type="checkbox"/> | Flower: fragrance | absent or weak | absent or weak |
| <input type="checkbox"/> | *Sepal: extensions | strong | strong |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input type="checkbox"/> | *Petal: shape | obovate | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: reflexing of margin | medium to strong | medium to strong |
| <input type="checkbox"/> | Petal: undulation | weak | weak |
| <input type="checkbox"/> | *Petal: size | medium | medium |
| <input type="checkbox"/> | *Petal: length | medium | medium |
| <input type="checkbox"/> | *Petal: width | medium | medium |
| <input type="checkbox"/> | *Petal: number of colours on inner side | two | two |
| <input type="checkbox"/> | *Petal: intensity of colour | even | even |
| <input type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 187A | 187A |
| <input checked="" type="checkbox"/> | *Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart) | 12B | 5C |
| <input type="checkbox"/> | *Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal) | as segments or stripes | as segments or stripes |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | absent | absent |
| <input checked="" type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 60C | 53C |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | red | red |
| <input type="checkbox"/> | Seed vessel: size | medium | medium |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Japan | 2003 | Granted | 'Korhocsel' |

First sold in Netherlands, October 2001.

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2006/102 |
| Variety Name | 'Kormistiana' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 21 Jul 2006 |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Agent | Treloar Roses Pty Ltd, Portland, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (<i>Rosa</i>) TG/11/7 |
| Period | Summer – Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Kormistiana' was budded in early summer 2008 onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Kordes roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'Meitebros' x 'Osiana' in May 1997. Selected plants were budded onto *Rosa canina* rootstock in 1998 and planted in open. In 1999 further selection was made and the seedling trialed until 2001. Commercialisation took place in 2002. Breeder: Kordes' Sohne Rosenschulen GmbH & Co KG.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--------------------|--|
| Plant | growth type | shrub |
| Plant | growth habit | moderately spreading |
| Prickles | Predominant colour | reddish |
| Flower | type | double |
| Flower | colour group | white or near white |
| Flower | Fragrance | absent or very weak |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|----------|
| 'Tanlarpost' | |

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

| Organ/Plant Part: Context | 'Kormistiana' | 'Tanlarpost' |
|--|----------------------|----------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | moderately spreading | moderately spreading |
| <input type="checkbox"/> Plant: height | medium to tall | medium to tall |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration | strong | medium |
| <input type="checkbox"/> Stem: number of prickles | medium | medium to many |
| <input type="checkbox"/> Prickles: predominant colour | reddish | reddish |
| <input type="checkbox"/> Leaf: size | large | medium |
| <input type="checkbox"/> Leaf: intensity of green colour | medium to dark | dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> *Leaf: glossiness of upper side | weak | very weak to weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak | weak |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | ovate | ovate |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade | rounded | obtuse |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | present |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | few | very few |
| <input type="checkbox"/> Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| <input type="checkbox"/> *Flower: type | double | double |
| <input checked="" type="checkbox"/> *Flower: number of petals | medium to many | few to medium |
| <input type="checkbox"/> *Flower: colour group | white or near white | white or near white |
| <input type="checkbox"/> Flower: density of petals | medium to dense | loose |
| <input type="checkbox"/> *Flower: diameter | medium | medium to large |
| <input checked="" type="checkbox"/> *Flower: shape | irregularly rounded | star-shaped |
| <input type="checkbox"/> Flower: profile of upper part | flat | flat |
| <input type="checkbox"/> *Flower: profile of lower part | flattened convex | flattened convex |
| <input type="checkbox"/> Flower: fragrance | absent or weak | absent or weak |
| <input type="checkbox"/> *Sepal: extensions | weak | weak to medium |

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | present |
| <input type="checkbox"/> | *Petal: shape | obovate | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> | Petal: reflexing of margin | weak | medium |
| <input type="checkbox"/> | Petal: undulation | weak | weak |
| <input type="checkbox"/> | *Petal: size | medium | large |
| <input checked="" type="checkbox"/> | *Petal: length | medium | long |
| <input type="checkbox"/> | *Petal: width | medium | broad |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | one |
| <input type="checkbox"/> | *Petal: intensity of colour | even | even |
| <input type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 155A | 155A |
| <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) | 155A | 155A |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | medium yellow | medium yellow |
| <input type="checkbox"/> | Seed vessel: size | small | medium |
| <input checked="" type="checkbox"/> | Hip: shape in longitudinal section | funnel-shaped | pitcher-shaped |

Prior Applications and Sales

Nil.

First sold Germany July 2002.

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2006/060 |
| Variety Name | 'Ausdisco' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 29 Apr 2006 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | Summer – Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Ausdisco' was budded in early summer 2008 onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: unnamed seedling x unnamed seedling in 1996. Best seedling selected in 1997 and rooted onto Lax root-stock. In 2001 the budwood was sent to Australia for further propagation and trials. The variety was closely observed for 8 years and it has consistently maintained in the present form. There was no occurrence of any offtypes. Breeder: David Austin Roses, Albrighton, England.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--------------------|--|
| Plant | growth type | Shrub |
| Plant | growth habit | Upright |
| Prickles | predominant colour | Purplish |
| Flower | type | semi-double |
| Flower | colour group | Pink |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Aushunter' | |

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

| Organ/Plant Part: Context | ‘Ausdisco’ | ‘Aushunter’ |
|--|---------------------|---------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | upright | upright |
| <input type="checkbox"/> Plant: height | tall | short |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | weak | weak |
| <input type="checkbox"/> Stem: number of prickles | medium | medium |
| <input type="checkbox"/> Prickles: predominant colour | purplish | purplish |
| <input type="checkbox"/> Leaf: intensity of green colour | medium | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> *Leaf: glossiness of upper side | weak | weak |
| <input checked="" type="checkbox"/> *Leaflet: undulation of margin | absent or very weak | medium |
| <input checked="" type="checkbox"/> *Terminal leaflet: shape of blade | medium elliptic | narrow elliptic |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade | obtuse | acute |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | present |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | medium | medium |
| <input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only) | few | Few |
| <input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only) | few | Few |
| <input type="checkbox"/> Flower bud: shape in longitudinal section | broad ovate | broad ovate |
| <input type="checkbox"/> *Flower: type | semi-double | semi-double |
| <input type="checkbox"/> *Flower: number of petals | medium to many | many |
| <input type="checkbox"/> *Flower: colour group | pink | Pink |
| <input type="checkbox"/> Flower: colour of the centre | pink | Pink |
| <input checked="" type="checkbox"/> Flower: density of petals | loose | medium |
| <input type="checkbox"/> *Flower: diameter | medium to 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 | concave | concave |

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input checked="" type="checkbox"/> | Flower: fragrance | absent or weak | medium |
| <input checked="" type="checkbox"/> | *Sepal: extensions | weak | absent or very weak |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input type="checkbox"/> | *Petal: shape | obovate | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: reflexing of margin | medium | medium |
| <input type="checkbox"/> | Petal: undulation | very weak to weak | very weak to weak |
| <input type="checkbox"/> | *Petal: size | medium | medium to large |
| <input type="checkbox"/> | *Petal: length | medium | medium |
| <input type="checkbox"/> | *Petal: width | medium to broad | medium to broad |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | One |
| <input type="checkbox"/> | *Petal: intensity of colour | even | Even |
| <input checked="" type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 52D | 68C |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | medium | medium |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | medium yellow | medium yellow |
| <input checked="" type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 37C | 68D |
| <input checked="" type="checkbox"/> | Outer stamen: predominant colour of filament | pink | medium yellow |
| <input type="checkbox"/> | Seed vessel: size | medium | medium |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| New Zealand | 2006 | Withdrawn | 'Ausdisco' |

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2006/099 |
| Variety Name | 'Korfirgo' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 21 Jul 2006 |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Agent | Treloar Roses Pty Ltd, Portland, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (<i>Rosa</i>) TG/11/7 |
| Period | Summer – Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Korfirgo' was budded in early summer onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Kordes roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'Unnamed seedling' x 'KO 88143-01' in May 1996. First selection was made in May 1997. In July 1997, budded onto *Rosa canina* rootstock and planted in open. In 1998 second cycle of selection was made and the seedling tested until 2001. Introduction and first sale took place in 2002. Breeder: W. Kordes' Sohne Rosenschulen

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|------------------|--|
| Plant | growth type | Shrub |
| Plant | growth habit` | Upright |
| Plant | height | medium to tall |
| Flower | colour group | Yellow |
| Flower | fragrance | Weak |
| Flower | sepal extensions | Strong |

Most Similar Varieties of Common Knowledge identified (VCK)

Name **Comments**

'Korflapie'

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

| Organ/Plant Part: Context | 'Korfirgo' | 'Korflapie' |
|---|--------------------|--------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | upright | upright |
| <input type="checkbox"/> Plant: height | medium to tall | medium to tall |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | medium to strong | medium to strong |
| <input type="checkbox"/> Stem: number of prickles | absent or very few | absent or very few |
| <input type="checkbox"/> Leaf: size | large | medium to large |
| <input type="checkbox"/> Leaf: intensity of green colour | dark | dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration | absent | present |
| <input type="checkbox"/> *Leaf: glossiness of upper side | weak | weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak to medium | weak |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | medium elliptic | medium elliptic |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade | rounded | obtuse |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | absent | absent |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | very few | very few |
| <input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only) | 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 | medium |
| <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 | loose |
| <input type="checkbox"/> *Flower: diameter | medium to large | medium to large |
| <input type="checkbox"/> *Flower: shape | star-shaped | star-shaped |
| <input checked="" type="checkbox"/> Flower: profile of upper part | flattened convex | convex |
| <input checked="" type="checkbox"/> *Flower: profile of lower part | flat | concave |
| <input type="checkbox"/> Flower: fragrance | absent or weak | absent or weak |

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input type="checkbox"/> | *Sepal: extensions | strong | strong |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input checked="" type="checkbox"/> | *Petal: shape | rounded | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: reflexing of margin | medium to strong | strong |
| <input type="checkbox"/> | Petal: undulation | absent or very weak | absent or very weak |
| <input type="checkbox"/> | *Petal: size | large | medium to large |
| <input type="checkbox"/> | *Petal: length | long | medium to long |
| <input type="checkbox"/> | *Petal: width | broad | medium to broad |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | one |
| <input type="checkbox"/> | *Petal: intensity of colour | even | even |
| <input type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 12A | 12B |
| <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) | 13B | 13C |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | medium yellow | medium yellow |
| <input type="checkbox"/> | Seed vessel: size | medium | small |
| <input type="checkbox"/> | Hip: shape in longitudinal section | funnel-shaped | funnel-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Colombia | 2003 | Granted | 'Korfirgo' |
| Ecuador | 2003 | Applied | 'Korfirgo' |
| South Africa | 2002 | Granted | 'Korfirgo' |

First sold in Germany June 2002.

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/034 |
| Variety Name | 'AUSVOLUME' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 03 Jul 2009 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

Location The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East).

Descriptor

Period Rose (new) (*Rosa*) TG/11/8

Conditions The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Ausvolume' was budded in early summer onto *Rosa multiflora* rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses.

Trial Design Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population.

Measurements This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population.

RHS Chart - edition 2007

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1998. In July 1999 best of the progenies was chosen for further trial and development and grafted onto Lax root-stock outdoors. In 2000-2005 the variety was increased and introduced and commercialised in UK in 2006. Breeder: David Austin, UK.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Plant | growth type | shrub |
| Plant | growth habit | moderately spreading |
| Flower | fragrance | strong |
| Prickles | number | medium |
| Flower | Size | large to very large |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Ausway' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|---------------------------------------|---|--|
| 'Auscent' | Plant growth habit | moderately spreading | taller and broader |
| 'Auscent' | Prickle number | medium | few |
| 'Auscent' | Flower size | Large | medium |
| 'Auscent' | Flower fragrance | Strong | light |

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

| Organ/Plant Part: Context | 'AUSVOLUME' | 'Ausway' |
|--|----------------------|----------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | moderately spreading | moderately spreading |
| <input type="checkbox"/> Plant: height | medium | medium |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration | weak | medium |
| <input type="checkbox"/> Stem: number of prickles | medium | few to medium |
| <input type="checkbox"/> Prickles: predominant colour | reddish | reddish |
| <input type="checkbox"/> Leaf: size | medium to large | medium |
| <input type="checkbox"/> Leaf: intensity of green colour | medium to dark | dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> *Leaf: glossiness of upper side | weak | very weak to weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak | weak |
| <input checked="" type="checkbox"/> *Terminal leaflet: shape of blade | circular | ovate |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade | rounded | obtuse |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade | acuminate | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | |
| <input 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) | 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 | very many | very many |
| <input type="checkbox"/> *Flower: colour group | pink | pink |
| <input type="checkbox"/> Flower: colour of the centre | pink | pink |
| <input checked="" type="checkbox"/> Flower: density of petals | very dense | dense |
| <input type="checkbox"/> *Flower: diameter | large to very large | large |
| <input type="checkbox"/> *Flower: shape | round | irregularly rounded |
| <input type="checkbox"/> Flower: profile of upper part | flat | flattened convex |
| <input type="checkbox"/> *Flower: profile of lower part | concave | concave |
| <input type="checkbox"/> Flower: fragrance | strong | strong |

| | | | |
|-------------------------------------|--|---------------------|----------------------|
| <input type="checkbox"/> | *Sepal: extensions | weak | weak |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input type="checkbox"/> | *Petal: shape | obovate | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: reflexing of margin | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: undulation | absent or very weak | weak |
| <input type="checkbox"/> | *Petal: size | medium to large | medium |
| <input type="checkbox"/> | *Petal: length | medium to long | medium |
| <input type="checkbox"/> | *Petal: width | medium to broad | medium |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | one |
| <input type="checkbox"/> | *Petal: intensity of colour | even | even |
| <input checked="" type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 61B | N74B with red specks |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | small to medium | small |
| <input checked="" type="checkbox"/> | *Petal: colour of basal spot on inner side | medium yellow | light yellow |
| <input checked="" type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 54A | N74D |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | medium yellow | medium yellow |
| <input type="checkbox"/> | Seed vessel: size | large | large |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| UK | 2006 | Granted | 'AUSVOLUME' |
| Japan | 2007 | Applied | 'AUSVOLUME' |
| EU | 2006 | Granted | 'AUSVOLUME' |
| USA | 2006 | Granted | 'AUSVOLUME' |

First sold in UK May 2006

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/032 |
| Variety Name | 'KORTUFEE' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 04 Sep 2009 |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Agent | Treloar Roses Pty Ltd, Portland, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Kortufee' was budded in early summer 2008 onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Kordes roses. |
| Conditions | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Trial Design | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open, |
| Measurements | |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'The Fairy' x 'unnamed seedling' in 1995. First selections were made in May 1996 budded onto *Rosa canina* rootstocks and planted in open. In 1997 second cycle of selections was made. Tested until 2004. Commercialisation and sales took place in Spring 2005. Breeder: W. Kordes' Sohne Rosenschulen.

Choice of Comparators Characteristics 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 | miniature |
| Plant | height | very short |
| Leaf | size | small |
| Petal | colour of inner basal spot | whitel |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|----------|
| 'The Fairy' | |

Varieties of Common Knowledge identified above and subsequently excluded

| Variety | Distinguishing Characteristic | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|--------------------------|-------------------------------|--|---|--------------|
| Organ/Plant Context Part | | | | |
| 'Tanfulltax' | Leaf | size | small | medium |
| 'Tanfulltax' | petal | colour of inner basal spot | white | yellow green |

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

| Organ/Plant Part: Context | 'KORTUFEE' | 'The Fairy' |
|--|-------------------|---------------------|
| <input type="checkbox"/> *Plant: growth type | miniature | miniature |
| <input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | upright | intermediate |
| <input type="checkbox"/> Plant: height | very short | very short |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | absent | present |
| <input type="checkbox"/> Stem: number of prickles | medium | medium |
| <input type="checkbox"/> Prickles: predominant colour | reddish | reddish |
| <input type="checkbox"/> Leaf: size | very small | very small to small |
| <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 | weak to medium |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak | weak |
| <input checked="" type="checkbox"/> *Terminal leaflet: shape of blade | ovate | narrow elliptic |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade | rounded | acute |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | absent |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | medium to many | |
| <input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only) | many to very many | very many |
| <input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only) | many | |

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input checked="" type="checkbox"/> | Flower bud: shape in longitudinal section | broad ovate | medium ovate |
| <input type="checkbox"/> | *Flower: type | double | semi-double |
| <input checked="" type="checkbox"/> | *Flower: number of petals | many | medium |
| <input type="checkbox"/> | *Flower: colour group | pink | pink |
| <input type="checkbox"/> | Flower: colour of the centre | pink | pink |
| <input checked="" type="checkbox"/> | Flower: density of petals | dense | medium |
| <input type="checkbox"/> | *Flower: diameter | very small | very small |
| <input type="checkbox"/> | *Flower: shape | irregularly rounded | irregularly rounded |
| <input type="checkbox"/> | Flower: profile of upper part | flat | flat |
| <input type="checkbox"/> | *Flower: profile of lower part | convex | convex |
| <input type="checkbox"/> | Flower: fragrance | absent or weak | absent or weak |
| <input type="checkbox"/> | *Sepal: extensions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input type="checkbox"/> | *Petal: shape | obcordate | obcordate |
| <input type="checkbox"/> | Petal: incisions | weak | weak |
| <input type="checkbox"/> | Petal: reflexing of margin | weak | weak |
| <input type="checkbox"/> | Petal: undulation | absent or very weak | absent or very weak |
| <input type="checkbox"/> | *Petal: size | very small | very small |
| <input type="checkbox"/> | *Petal: length | very short | very short |
| <input type="checkbox"/> | *Petal: width | very narrow | very narrow |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | one |
| <input type="checkbox"/> | *Petal: intensity of colour | even | even |
| <input checked="" type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | N57B | 73C |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | small to medium | small to medium |
| <input 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) | N57B | 73C |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | medium yellow | medium yellow |
| <input type="checkbox"/> | Seed vessel: size | very small | very small |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Switzerland | 2006 | Granted | 'KORTUFEE' |

| | | | |
|---------|------|---------|------------|
| Germany | 2004 | Granted | 'KORTUFEE' |
| EU | 2004 | Granted | 'KORTUFEE' |
| USA | 2005 | Granted | 'KORTUFEE' |

First sold in Germany March 2005

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/033 |
| Variety Name | 'AUSRELATE' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 03 Jul 2009 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) |
| Period | |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Ausrelate' was budded in early summer onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1998. The 8 chosen best were grafted onto Lax root-stock outdoors in July 1999. In 2000, the variety was selected and increasingly multiplied upto 2005. Commercial introduction and sales took place in UK in 2006. Breeder, David Austin, UK.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---------------------|--|
| Plant | growth type | shrub |
| Plant | growth habit | intermediate |
| Plant | colour of new shoot | weak |
| Plant | prickles | few to medium |

Most Similar Varieties of Common Knowledge identified (VCK)

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

‘Aushomer’

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|------------|--------------------------------|---------------------|--|---|
| 'Ausquest' | Petal | colour of new shoot | weak olive green | Reddish brown |
| 'Auslevel' | Prickles | Number | few to medium | many |

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

| Organ/Plant Part: Context | 'AUSRELATE' | 'Aushomer' |
|--|---------------------|---------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | intermediate | intermediate |
| <input type="checkbox"/> Plant: height | medium | medium |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | weak | weak |
| <input type="checkbox"/> Stem: number of prickles | medium | very few to few |
| <input type="checkbox"/> Prickles: predominant colour | reddish | reddish |
| <input type="checkbox"/> Leaf: size | medium | medium to large |
| <input type="checkbox"/> Leaf: intensity of green colour | dark | dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> *Leaf: glossiness of upper side | weak | weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak | very weak to weak |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | ovate | ovate |
| <input type="checkbox"/> Terminal leaflet: shape of base of blade | cordate | cordate |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | present |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | few | few to medium |
| <input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only) | few | 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: colour group | white or near white | white or near white |
| <input type="checkbox"/> Flower: colour of the centre | yellow | yellow |
| <input type="checkbox"/> Flower: density of petals | medium | medium |
| <input type="checkbox"/> *Flower: diameter | medium to large | medium to large |
| <input type="checkbox"/> *Flower: shape | irregularly | irregularly |

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| | | rounded | rounded |
| <input type="checkbox"/> | Flower: profile of upper part | flat | flat |
| <input type="checkbox"/> | *Flower: profile of lower part | flat | flat |
| <input checked="" type="checkbox"/> | Flower: fragrance | absent or weak | strong |
| <input type="checkbox"/> | *Sepal: extensions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input checked="" type="checkbox"/> | *Petal: shape | obcordate | rounded |
| <input type="checkbox"/> | Petal: incisions | very weak to weak | very weak to weak |
| <input type="checkbox"/> | Petal: reflexing of margin | weak | weak |
| <input type="checkbox"/> | Petal: undulation | weak | weak |
| <input type="checkbox"/> | *Petal: size | small to medium | small to medium |
| <input type="checkbox"/> | *Petal: length | short to medium | short to medium |
| <input type="checkbox"/> | *Petal: width | 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) | 155B | 155B |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | absent | present |
| <input type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 155B | 155B |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | medium yellow | light yellow |
| <input type="checkbox"/> | Seed vessel: size | medium | medium |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| UK | 2007 | Granted | 'AUSRELATE' |
| Japan | 2007 | Applied | 'AUSRELATE' |
| EU | 2006 | Granted | 'AUSRELATE' |
| USA | 2006 | Granted | 'AUSRELATE' |

First sold in UK in May 2006.

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/035 |
| Variety Name | 'AUSRIMINI' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 03 Jul 2009 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) |
| Period | |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Ausrimini' was budded in early summer onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1998. In July 1999 best of the progenies was chosen for further trial and development and grafted onto Lax root-stock outdoors. In 2000-2005 the variety was increased and introduced and commercialised in UK in 2006. Breeder: David Austin, UK.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Plant | growth type | shrub |
| Plant | height | medium |
| Flower | fragrance | medium to strong |

Most Similar Varieties of Common Knowledge identified (VCK)

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

‘Ausmak’

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|-----------|--------------------------------|-----------|--|---|
| 'Ausgrab' | Plant | height | medium | tall |
| 'Ausgrab' | Flower | Fragrance | Strong | medium |

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

| Organ/Plant Part: Context | 'AUSRIMINI' | 'Ausmak' |
|--|-----------------|---------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input checked="" type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | upright | semi upright |
| <input type="checkbox"/> Plant: height | medium | medium |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | medium | medium |
| <input type="checkbox"/> Stem: number of prickles | medium | medium |
| <input type="checkbox"/> Prickles: predominant colour | reddish | reddish |
| <input type="checkbox"/> Leaf: size | medium | medium to large |
| <input type="checkbox"/> Leaf: intensity of green colour | medium to dark | dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> *Leaf: glossiness of upper side | weak | absent or very weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak | absent or very weak |
| <input checked="" type="checkbox"/> *Terminal leaflet: shape of blade | ovate | medium elliptic |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade | cordate | obtuse |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade | acuminate | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | present |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | few | very few to few |
| <input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only) | few | very few |
| <input checked="" type="checkbox"/> Flower bud: shape in longitudinal section | medium ovate | broad ovate |
| <input type="checkbox"/> *Flower: type | double | double |
| <input type="checkbox"/> *Flower: number of petals | many | many |
| <input checked="" type="checkbox"/> *Flower: colour group | orange blend | pink |
| <input checked="" type="checkbox"/> Flower: colour of the centre | orange | pink |
| <input type="checkbox"/> Flower: density of petals | dense | dense |
| <input type="checkbox"/> *Flower: diameter | medium to 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 | flat | flat |
| <input checked="" type="checkbox"/> | Flower: fragrance | strong | medium |
| <input type="checkbox"/> | *Sepal: extensions | weak to medium | weak |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input type="checkbox"/> | *Petal: shape | obcordate | obcordate |
| <input type="checkbox"/> | Petal: incisions | weak | weak |
| <input type="checkbox"/> | Petal: reflexing of margin | weak | weak to medium |
| <input type="checkbox"/> | Petal: undulation | absent or very weak | absent or very weak |
| <input type="checkbox"/> | *Petal: size | small to medium | medium |
| <input checked="" type="checkbox"/> | *Petal: length | short to medium | medium to long |
| <input type="checkbox"/> | *Petal: width | narrow to medium | medium to broad |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | one |
| <input type="checkbox"/> | *Petal: intensity of colour | even | even |
| <input checked="" type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 38D | 69B-C |
| <input checked="" type="checkbox"/> | *Petal: basal spot on the inner side | present | absent |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | very small | |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | light yellow | |
| <input checked="" type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 49C | N155B |
| <input checked="" type="checkbox"/> | Outer stamen: predominant colour of filament | medium yellow | light yellow |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Canada | 2006 | Applied | 'AUSRIMINI' |
| UK | 2007 | Granted | 'AUSRIMINI' |
| Japan | 2007 | Applied | 'AUSRIMINI' |
| EU | 2006 | Granted | 'AUSRIMINI' |
| USA | 2006 | Granted | 'AUSRIMINI' |

First sold in UK May 2006

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/098 |
| Variety Name | 'AUSROVER' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 06 May 2008 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Ausrover' was budded in early summer onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. Observations and measurements were taken from a minimum of ten plants selected at random down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| RHS Chart - edition | 2007. |

Origin and Breeding

Controlled pollination: 'unnamed seedling' x 'unnamed seedling' in 1998. Best of the seedlings were selected in January 1998. In July 1999 grafted onto Laxa root-stock outdoors. In 2000, the variety was found promising and repeatedly propagated to 2005. Commercial introduction and release in UK was in 2006. Breeder: David Austin

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------|--|
| Plant | growth type | shrub |
| Plant | growth habit | semi upright |

| | | |
|----------|--------------------|-----------------|
| Prickles | predominant colour | Purplish |
| Flower | colour group | yellow blend |
| Flower | diameter | medium to large |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'Auskeppy' | |

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

| Organ/Plant Part: Context | 'AUSROVER' | 'Auskeppy' |
|--|---------------------|---------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | semi upright | semi upright |
| <input type="checkbox"/> Plant: height | short to medium | short to medium |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | weak | weak |
| <input type="checkbox"/> Stem: number of prickles | Few to medium | medium |
| <input type="checkbox"/> Prickles: predominant colour | purplish | purplish |
| <input type="checkbox"/> Leaf: size | medium to large | medium |
| <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 | weak | absent or very weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | ovate | ovate |
| <input type="checkbox"/> Terminal leaflet: shape of base of blade | obtuse | obtuse |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade | acuminate | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | absent | absent |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | very few | very few |
| <input type="checkbox"/> Flower bud: shape in longitudinal section | broad ovate | broad ovate |
| <input type="checkbox"/> *Flower: type | double | double |
| <input type="checkbox"/> *Flower: number of petals | medium | medium to many |
| <input type="checkbox"/> *Flower: colour group | yellow blend | yellow blend |
| <input type="checkbox"/> Flower: colour of the centre | yellow | yellow |
| <input type="checkbox"/> Flower: density of petals | very loose to loose | loose |
| <input type="checkbox"/> *Flower: diameter | medium to large | large |

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input type="checkbox"/> | *Flower: shape | irregularly rounded | irregularly rounded |
| <input checked="" type="checkbox"/> | Flower: profile of upper part | flattened convex | convex |
| <input type="checkbox"/> | *Flower: profile of lower part | Flat | concave |
| <input type="checkbox"/> | Flower: fragrance | medium | absent or weak |
| <input checked="" type="checkbox"/> | *Sepal: extensions | absent or very weak | weak |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input type="checkbox"/> | *Petal: shape | obovate | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> | Petal: reflexing of margin | absent or very weak | strong |
| <input type="checkbox"/> | Petal: undulation | absent or very weak | absent or very weak |
| <input type="checkbox"/> | *Petal: size | large | medium |
| <input type="checkbox"/> | *Petal: length | medium to long | medium |
| <input type="checkbox"/> | *Petal: width | medium | medium |
| <input type="checkbox"/> | *Petal: number of colours on inner side | One | one |
| <input type="checkbox"/> | *Petal: intensity of colour | even | even |
| <input type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 27D | 27C |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input checked="" type="checkbox"/> | *Petal: size of basal spot on inner side | medium | small |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | light yellow | light yellow |
| <input type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 27D | 27C |
| <input checked="" type="checkbox"/> | Outer stamen: predominant colour of filament | light yellow | pink |
| <input type="checkbox"/> | Seed vessel: size | small | small |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| UK | 2007 | Granted | 'AUSROVER' |
| Japan | 2007 | Applied | 'AUSROVER' |
| EU | 2006 | Granted | 'AUSROVER' |
| USA | 2006 | Granted | 'AUSROVER' |

First sold in UK May 2006.

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/097 |
| Variety Name | ‘AUSDECORUM’ |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 06 May 2008 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | Summer – Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. ‘Ausdecorum’ was budded in early summer onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: ‘unnamed seedling’ x ‘unnamed seedling’ in 1998. In January 1999 selections were made and in July 1999 grafted onto Laxa rootstock outdoors. In 2000, the variety was selected and repeatedly increased till 2006 form and commercially introduced in UK in 2006. Breeder: David Austin, UK.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|------------------|--|
| Plant | growth type | Shrub |
| Plant: growth habit | growth habit | semi upright |
| Flower | type | Double |
| Flower | colour group | red purple |
| Flower | number of petals | Medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| ‘Ausromeo’ | |

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

| Organ/Plant Part: Context | 'AUSDECORUM' | 'Ausromeo' |
|--|---------------------|---------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | Shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | semi upright | semi upright |
| <input type="checkbox"/> Plant: height | short | Short |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | weak | Weak |
| <input checked="" type="checkbox"/> Stem: number of prickles | medium | Many |
| <input type="checkbox"/> Prickles: predominant colour | reddish | reddish |
| <input type="checkbox"/> Leaf: size | medium | medium |
| <input type="checkbox"/> Leaf: intensity of green colour | medium | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration | present | absent |
| <input type="checkbox"/> *Leaf: glossiness of upper side | weak | weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak to medium | weak |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | medium elliptic | medium elliptic |
| <input type="checkbox"/> Terminal leaflet: shape of base of blade | obtuse | obtuse |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | present |
| <input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only) | very few | very few |
| <input type="checkbox"/> Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| <input type="checkbox"/> *Flower: type | double | double |
| <input checked="" type="checkbox"/> *Flower: number of petals | medium | many |
| <input type="checkbox"/> *Flower: colour group | red purple | red purple |
| <input type="checkbox"/> Flower: colour of the centre | purple | purple |
| <input type="checkbox"/> Flower: density of petals | loose to medium | loose to medium |
| <input type="checkbox"/> *Flower: diameter | large | very large |
| <input type="checkbox"/> *Flower: shape | irregularly rounded | irregularly rounded |
| <input type="checkbox"/> Flower: profile of upper part | flat | flat |
| <input type="checkbox"/> *Flower: profile of lower part | concave | concave |
| <input checked="" type="checkbox"/> Flower: fragrance | absent or weak | medium |
| <input type="checkbox"/> *Sepal: extensions | weak | weak |
| <input type="checkbox"/> Petals: reflexing of petals one-by-one | absent | absent |

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input checked="" type="checkbox"/> | *Petal: shape | obcordate | obovate |
| <input type="checkbox"/> | Petal: incisions | weak | weak |
| <input type="checkbox"/> | Petal: reflexing of margin | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: undulation | weak | weak |
| <input checked="" type="checkbox"/> | *Petal: size | large | very large |
| <input type="checkbox"/> | *Petal: length | long | long |
| <input type="checkbox"/> | *Petal: width | broad | very broad |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | one |
| <input type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 64A brighter | 64A brighter |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | small | small |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | light yellow | light yellow |
| <input type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 64A | 64A |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | orange | orange |
| <input type="checkbox"/> | Seed vessel: size | medium | large |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| UK | 2007 | Granted | 'AUSDECORUM' |
| Japan | 2007 | Applied | 'AUSDECORUM' |
| EU | 2006 | Granted | 'AUSDECORUM' |
| USA | 2006 | Granted | 'AUSDECORUM' |

First sold in UK May 2006

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/336 |
| Variety Name | 'Lexatseif' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | Nil |
| Accepted Date | 03 Dec 2008 |
| Applicant | Levacy Ltd, Nicosia, Cyprus |
| Agent | Grandiflora Nurseries Pty Ltd, Skye, VIC |
| Qualified Person | Christopher Prescott |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | 145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8. |
| Period | 2009 – 18 Feb 2010 |
| Conditions | Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 18 and 41 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into grow bags of co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required. |
| Trial Design | 7 plants of 'Lexatseif' and 'Delstrijor' planted into 7 hole grow bags of 100mm high x 150mm wide x 1100mm long (1 variety per bag) the bags were placed on double channel benches. |
| Measurements | Measurements were taken at random on 18 Feb 2010 |
| RHS Chart - edition | 1995 |

Origin and Breeding

Spontaneous mutation: 'Lexatseif' was a mutation was discovered and developed at the property of Lex Voorn Rozenveredling, Hoofdweg, Kudelstaart, Netherlands by Alexander Jozef Voorn (Lex) from a population of Lexgnok in Jan 2007. Four generations were propagated from the original mutation and have been found to be uniform, distinct 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 |
|-------------------------|--|--|
| Flower | type | double |
| Flower | colour group | pink blend |
| Flower | diameter | large |
| Petal | number of colours on inner side | two or more |
| Petal | distribution of secondary colour on inner side | as segments or stripes |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|-----------------|
| 'Delstrijor' | |

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

| Organ/Plant Part: Context | ‘Lexatseif’ | ‘Delstrijor’ |
|---|---------------------|----------------------|
| <input checked="" type="checkbox"/> *Plant: growth type | bed | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding climbers_ | semi upright | moderately spreading |
| <input checked="" type="checkbox"/> Plant: height | medium | tall |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | strong | medium to strong |
| <input type="checkbox"/> Stem: number of prickles | medium | medium |
| <input type="checkbox"/> Prickles: predominant colour | yellowish | yellowish |
| <input type="checkbox"/> Leaf: size | medium to large | medium to large |
| <input type="checkbox"/> Leaf: intensity of green colour | dark | dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration | present | present |
| <input checked="" type="checkbox"/> *Leaf: glossiness of upper side | weak | strong |
| <input checked="" type="checkbox"/> *Leaflet: undulation of margin | weak | medium to strong |
| <input checked="" type="checkbox"/> *Terminal leaflet: shape of blade | ovate | medium elliptic |
| <input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade | rounded | obtuse |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | present |
| <input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals | very few | medium |
| <input checked="" type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only) | very few | medium |
| <input type="checkbox"/> Flower bud: shape in longitudinal section | broad ovate | medium ovate |
| <input type="checkbox"/> *Flower: type | double | double |
| <input checked="" type="checkbox"/> *Flower: number of petals | many | few |
| <input type="checkbox"/> *Flower: colour group | pink blend | pink blend |
| <input checked="" type="checkbox"/> Flower: colour of the centre | pink | yellow |
| <input checked="" type="checkbox"/> Flower: density of petals | dense | loose |
| <input type="checkbox"/> *Flower: diameter | large | large |
| <input type="checkbox"/> *Flower: shape | irregularly rounded | irregularly rounded |
| <input checked="" type="checkbox"/> Flower: profile of upper part | flattened convex | flat |
| <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 | strong | medium |

| | | | |
|-------------------------------------|--|------------------------|------------------------|
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | present | present |
| <input checked="" type="checkbox"/> | *Petal: shape | rounded | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | very weak to weak |
| <input checked="" type="checkbox"/> | Petal: reflexing of margin | weak | medium to strong |
| <input checked="" type="checkbox"/> | Petal: undulation | strong | very weak to weak |
| <input checked="" type="checkbox"/> | *Petal: size | large | medium |
| <input checked="" type="checkbox"/> | *Petal: length | medium | long |
| <input type="checkbox"/> | *Petal: width | medium | medium |
| <input checked="" type="checkbox"/> | *Petal: number of colours on inner side | two | more than two |
| <input type="checkbox"/> | *Petal: intensity of colour | even | even |
| <input checked="" type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 3D | 52C |
| <input checked="" type="checkbox"/> | *Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart) | 36B | 55C |
| <input type="checkbox"/> | *Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal) | as segments or stripes | as segments or stripes |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input checked="" type="checkbox"/> | *Petal: size of basal spot on inner side | large to very large | small |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | medium yellow | light yellow |
| <input checked="" type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 51D | 55B |
| <input checked="" type="checkbox"/> | Outer stamen: predominant colour of filament | light 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 | ‘Lexatseif’ | ‘Delstrijor’ |
|--|--------------------|---------------------|
| <input type="checkbox"/> Young shoot: hue of anthocyanin colouration | reddish | reddish bronze |

Statistical Table

| Organ/Plant Part: Context | ‘Lexatseif’ | ‘Delstrijor’ |
|--|--------------------|---------------------|
| <input type="checkbox"/> Flower: diameter (cm) | | |
| Mean | 10.50 | 9.60 |
| Std. Deviation | 1.31 | 1.12 |
| LSD/sig | 1.94 | ns |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---|-------------|-----------------------|---------------------|
| EU | 2007 | Applied | ‘Lexatseif’ |
| First sold in the Netherlands in August 2007. | | | |

Description: **Christopher Prescott**, Prescott Roses, 145 Moores Rd, Clyde, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/337 |
| Variety Name | 'Lexhcaep' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | Nil |
| Accepted Date | 03 Dec 2008 |
| Applicant | Levacy Ltd, Nicosia, Cyprus |
| Agent | Grandiflora Nurseries Pty Ltd, Skye, VIC |
| Qualified Person | Christopher Prescott |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | 145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8. |
| Period | 2009 – 18 Feb 2010 |
| Conditions | Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 18 and 41 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into grow bags of co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required. |
| Trial Design | 7 plants of 'Lexhcaep' and 'Lexativas' planted into 7 hole grow bags of 100mm high x 150mm wide x 1100mm long (1 variety per bag). The bags were placed on double channel benches. |
| Measurements | Measurements were taken at random on 18 Feb 2010 |
| RHS Chart - edition | 2007 |

Origin and Breeding

Spontaneous mutation: 'Lexhcaep' was a mutation discovered and developed at the property of Lex Voorn Rozenveredling, Hoofdweg, Kudelstaart, Netherlands by Alexander Jozef Voorn (Lex) from a population of 'Lexani', in Feb 2006. Four generations were propagated from the original mutation and have been found to be uniform, distinct 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 type | bed |
| Plant | Height | medium |
| Flowering shoot | number of flowering laterals | very few |
| Flower | Type | double |
| Flower | number of petals | medium to many |
| Flower | colour group | orange blend |
| Flower | Diameter | large |
| Plant | growth habit | semi upright |

Most Similar Varieties of Common Knowledge identified (VCK)

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

‘Lexativas’

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|------------|--------------------------------|--|---|
| ‘Pretaner’ | Flower Diameter | large | 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 | ‘Lexhcaep’ | ‘Lexativas’ |
|--|---------------------|----------------|
| <input type="checkbox"/> *Plant: growth type | bed | bed |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | semi upright | semi upright |
| <input type="checkbox"/> Plant: height | medium | medium |
| <input checked="" type="checkbox"/> Young shoot: anthocyanin colouration | present | absent |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | very weak | |
| <input checked="" type="checkbox"/> Stem: No. of prickles | few | 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 | medium |
| <input type="checkbox"/> Leaf: anthocyanin colouration | present | present |
| <input type="checkbox"/> *Leaf: glossiness of upper side | weak to medium | weak to medium |
| <input type="checkbox"/> *Leaflet: undulation of margin | absent or very weak | 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 | present | present |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | very few | very few |
| <input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only) | very few | very few |
| <input type="checkbox"/> Flower bud: shape in longitudinal section | broad ovate | broad ovate |
| <input type="checkbox"/> *Flower: type | double | double |
| <input type="checkbox"/> *Flower: number of petals | medium to many | medium to many |
| <input type="checkbox"/> *Flower: colour group | orange blend | orange blend |
| <input type="checkbox"/> Flower: colour of the centre | orange | orange |
| <input type="checkbox"/> Flower: density of petals | loose to medium | medium |
| <input type="checkbox"/> *Flower: diameter | large | large |
| <input type="checkbox"/> *Flower: shape | round | irregularly |

| | | | |
|-------------------------------------|--|-------------------------|-------------------------|
| | | | rounded |
| <input type="checkbox"/> | Flower: profile of upper part | flattened convex | flattened convex |
| <input checked="" type="checkbox"/> | *Flower: profile of lower part | flat | flattened convex |
| <input type="checkbox"/> | Flower: fragrance | absent or weak | absent or weak |
| <input checked="" type="checkbox"/> | *Sepal: extensions | medium to strong | very strong |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | present | present |
| <input checked="" type="checkbox"/> | *Petal: shape | rounded | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: reflexing of margin | weak | medium |
| <input checked="" type="checkbox"/> | Petal: undulation | weak | absent or very weak |
| <input type="checkbox"/> | *Petal: size | large | large |
| <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 | lighter towards the top |
| <input checked="" type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 27D | ca. 20C |
| <input checked="" type="checkbox"/> | *Petal: basal spot on the inner side | present | absent |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | very small to small | |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | light yellow | |
| <input checked="" type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 27D | 20D |
| <input checked="" type="checkbox"/> | Outer stamen: predominant colour of filament | orange | light yellow |
| <input type="checkbox"/> | Seed vessel: size | very small to small | very small to small |
| <input type="checkbox"/> | Hip: shape in longitudinal section | funnel-shaped | funnel-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| EU | 2007 | Applied | 'Lexhcaep' |
| Brazil | 2008 | Applied | 'Lexhcaep' |

First sold in Netherlands in 2007.

Description: **Christopher Prescott**, Prescott Roses, 145 Moores Rd, Clyde, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/030 |
| Variety Name | 'KORGRETAUM' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 04 Sep 2009 |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Agent | Treloar Roses Pty Ltd, Portland, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Korgretaum' was budded in early summer 2008 onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Kordes roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'Margaret Merrill' x 'unnamed seedling' in May 1995. First selections were made in May 1996. In July 1996, budded onto *Rosa canina* rootstock and grown in open. In 1997 second selections were made. The seedling was tested until 2004. Introduction and first sales took place in spring 2005.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--------------------------------------|--|
| Plant | growth type | shrub |
| Plant | growth habit | upright |
| Flower | colour group | white or near white |
| Petal | colour of spot at base of inner side | light yellow |
| Petal | colour of spot at base of outside | present |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------------|----------|
| 'Margaret Merrill' | |

Varieties of Common Knowledge identified above and subsequently excluded

| Variety | Distinguishing Characteristic | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|-------------|-------------------------------|--|---|----------|
| | Organ/Plant Part | | | |
| 'Tanripisa' | petal | Colour spot at base of inside | Light yellow | white |
| 'Tanripisa' | petal | colour of outer basal spot | present | absent |

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

| Organ/Plant Part: Context | 'KORGRETAUM' | 'Margaret Merrill' |
|---|-----------------|--------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | Shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | upright | Upright |
| <input type="checkbox"/> Plant: height | medium | Medium |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | Present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | medium | Medium |
| <input checked="" type="checkbox"/> Stem: number of prickles | medium | Few |
| <input type="checkbox"/> Prickles: predominant colour | reddish | Purplish |
| <input checked="" type="checkbox"/> Leaf: size | medium | Large |
| <input type="checkbox"/> Leaf: intensity of green colour | dark | Dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration | absent | Absent |
| <input type="checkbox"/> *Leaf: glossiness of upper side | medium | very weak to weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | medium | Medium |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | medium elliptic | medium elliptic |
| <input type="checkbox"/> Terminal leaflet: shape of base of blade | obtuse | Obtuse |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acuminate | Acuminate |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | Present |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | few | Few |
| <input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only) | very few to few | very few to few |
| <input type="checkbox"/> Flowering shoot: number of flowers per lateral | few | Few |

(varieties with flowering laterals only)

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input type="checkbox"/> | Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| <input checked="" type="checkbox"/> | *Flower: type | double | semi-double |
| <input type="checkbox"/> | *Flower: number of petals | medium | few to medium |
| <input type="checkbox"/> | *Flower: colour group | white or near white | white or near white |
| <input type="checkbox"/> | Flower: colour of the centre | pink | |
| <input type="checkbox"/> | Flower: density of petals | loose | very loose |
| <input type="checkbox"/> | *Flower: diameter | medium to large | medium to large |
| <input type="checkbox"/> | *Flower: shape | irregularly rounded | irregularly rounded |
| <input type="checkbox"/> | Flower: profile of upper part | flattened convex | flattened convex |
| <input type="checkbox"/> | *Flower: profile of lower part | flat | Flat |
| <input type="checkbox"/> | Flower: fragrance | absent or weak | Medium |
| <input type="checkbox"/> | *Sepal: extensions | absent or very weak | Weak |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | Absent |
| <input checked="" type="checkbox"/> | *Petal: shape | rounded | Obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: undulation | weak | Weak |
| <input type="checkbox"/> | *Petal: size | medium | medium to large |
| <input type="checkbox"/> | *Petal: length | medium | Medium |
| <input type="checkbox"/> | *Petal: width | medium | medium to broad |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | One |
| <input type="checkbox"/> | *Petal: intensity of colour | even | |
| <input type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 155C | 155C |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | Present |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | small | very small to small |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | light yellow | light yellow |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | pink | Pink |
| <input type="checkbox"/> | Seed vessel: size | medium | Medium |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|-------------|------|----------------|--------------|
| Switzerland | 2006 | Granted | 'KORGRETAUM' |
| Germany | 2004 | Granted | 'KORGRETAUM' |
| EU | 2004 | Granted | 'KORGRETAUM' |
| USA | 2005 | Granted | 'KORGRETAUM' |

First sold in March 2005.

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2009/031 |
| Variety Name | 'KORABURG' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 04 Sep 2009 |
| Applicant | W. Kordes' Sohne Rosenschulen GmbH & Co KG |
| Agent | Treloar Roses Pty Ltd, Portland, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Koraburg' was budded in early summer onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Kordes roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: 'Acapella' x 'unnamed seedling' in May 1995. First selections were made in May 1996. They were budded onto *Rosa canina* rootstock and planted in open. In 1997 second selection was made and tested till 2004. Introduction and first sales took place in Spring 2005. Breeder: W. Kordes' Sohne Rosenschulen, Germany.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--------------------------------|--|
| Plant | growth type | shrub |
| Plant | growth habit | moderately spreading |
| Flower | colour | light blue pink |
| Flower | size | large |
| Flower | fragrance | absent or very weak |
| Outer stamen | predominant colour of filament | light yellow |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------------|----------|
| 'Queen Elizabeth' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|-------------|---------------------------------|--|---|
| 'Tanezamor' | petal colour | light pink | purple red |
| 'Tanezamor' | outer stamen Colour of filament | light yellow | purple |

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

| Organ/Plant Part: Context | 'KORABURG' | 'Queen Elizabeth' |
|---|----------------------|----------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | moderately spreading | moderately spreading |
| <input type="checkbox"/> Plant: height | medium | medium |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | strong | strong |
| <input type="checkbox"/> Stem: number of prickles | medium | medium |
| <input type="checkbox"/> Prickles: predominant colour | reddish | reddish |
| <input type="checkbox"/> Leaf: size | large | large |
| <input type="checkbox"/> Leaf: intensity of green colour | dark | dark |
| <input type="checkbox"/> Leaf: anthocyanin colouration | present | absent |
| <input type="checkbox"/> *Leaf: glossiness of upper side | weak | weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | weak | weak to medium |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | medium elliptic | medium elliptic |
| <input type="checkbox"/> Terminal leaflet: shape of base of blade | obtuse | obtuse |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | absent | absent |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | very few | very few |
| <input type="checkbox"/> Flowering shoot: number of flowers (varieties with no flowering laterals only) | very few | very few |
| <input type="checkbox"/> Flower bud: shape in longitudinal section | medium ovate | medium ovate |
| <input type="checkbox"/> *Flower: type | semi-double | semi-double |
| <input type="checkbox"/> *Flower: number of petals | few to medium | few to medium |

| | | | |
|-------------------------------------|--|--------------------------|---------------------|
| <input type="checkbox"/> | *Flower: colour group | pink | pink |
| <input type="checkbox"/> | Flower: colour of the centre | pink | pink |
| <input type="checkbox"/> | Flower: density of petals | loose 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 lower part | flattened convex | flattened convex |
| <input type="checkbox"/> | Flower: fragrance | absent or weak | absent or weak |
| <input type="checkbox"/> | *Sepal: extensions | medium | medium |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input checked="" type="checkbox"/> | *Petal: shape | rounded | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: reflexing of margin | medium | medium |
| <input type="checkbox"/> | Petal: undulation | weak | weak |
| <input type="checkbox"/> | *Petal: size | medium to large | large |
| <input type="checkbox"/> | *Petal: length | medium | medium |
| <input checked="" type="checkbox"/> | *Petal: width | medium | broad |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | one |
| <input checked="" type="checkbox"/> | *Petal: intensity of colour | lighter towards the base | even |
| <input checked="" type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 57D | 55C |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input checked="" type="checkbox"/> | *Petal: size of basal spot on inner side | medium | small |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | light yellow | light yellow |
| <input checked="" type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 65B | 55C |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | light yellow | light yellow |
| <input type="checkbox"/> | Seed vessel: size | small | small to medium |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Germany | 2004 | Granted | 'KORABURG' |
| EU | 2004 | Granted | 'KORABURG' |
| USA | 2005 | Granted | 'KORABURG' |

First sold in Germany March 2005.

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2007/099 |
| Variety Name | ‘AUSHOMER’ |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 18 May 2007 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | Summer – Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. ‘Aushomer’ was budded in early summer onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: ‘unnamed seedling’ x ‘unnamed seedling’ in 1997. Best of the resulting seedlings were grafted onto Laxa root-stock outdoors in July 1998. From 1999 to 2002 the variety was multiplied. In 2002-2003 trialled in USA for a future commercialisation, In 2003 sent to Australia for trialling and commercialisation. Breeder: David Austin, UK.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|----------------------|--|
| Plant | growth type | compact shrub |
| Flower | colour | white to near white fading to white |
| Flower | colour at the centre | Yellow |
| Flower | density of petals | Medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| ‘Ausquest’ | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|--|---|--|---|
| 'Auslevel' | Plant growth habit | compact shrub | taller and more upright |
| <u>Variety Description and Distinctness</u> - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick. | | | |
| Organ/Plant Part: Context | | 'AUSHOMER' | 'Ausquest' |
| <input type="checkbox"/> | *Plant: growth type | shrub | shrub |
| <input checked="" type="checkbox"/> | *Plant: growth habit (excluding varieties with growth type climber) | intermediate | moderately spreading |
| <input type="checkbox"/> | Plant: height | medium | medium to tall |
| <input type="checkbox"/> | Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> | Young shoot: intensity of anthocyanin colouration | weak | weak to medium |
| <input checked="" type="checkbox"/> | Stem: number of prickles | very few to few | many |
| <input checked="" type="checkbox"/> | Prickles: predominant colour | reddish | purplish |
| <input checked="" type="checkbox"/> | Leaf: size | medium to large | small to medium |
| <input type="checkbox"/> | Leaf: intensity of green colour | dark | Dark |
| <input type="checkbox"/> | Leaf: anthocyanin colouration | absent | absent |
| <input type="checkbox"/> | *Leaf: glossiness of upper side | weak | weak |
| <input type="checkbox"/> | *Leaflet: undulation of margin | very weak to weak | weak |
| <input type="checkbox"/> | *Terminal leaflet: shape of blade | ovate | ovate |
| <input type="checkbox"/> | Terminal leaflet: shape of base of blade | cordate | cordate |
| <input type="checkbox"/> | Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> | Flowering shoot: flowering laterals | present | present |
| <input checked="" type="checkbox"/> | Flowering shoot: number of flowering laterals | few to medium | Very few |
| <input type="checkbox"/> | Flowering shoot: number of flowers per lateral (varieties with flowering laterals only) | few to medium | Few |
| <input checked="" type="checkbox"/> | Flower bud: shape in longitudinal section | medium ovate | broad ovate |
| <input type="checkbox"/> | *Flower: type | double | double |
| <input type="checkbox"/> | *Flower: colour group | white or near white | white or near white |
| <input type="checkbox"/> | Flower: colour of the centre | yellow | yellow |
| <input type="checkbox"/> | Flower: density of petals | medium | medium |
| <input type="checkbox"/> | *Flower: diameter | medium to large | large |
| <input type="checkbox"/> | *Flower: shape | irregularly rounded | irregularly rounded |
| <input type="checkbox"/> | Flower: profile of upper part | flat | Flat |

| | | | |
|-------------------------------------|--|---------------------|-------------------|
| <input checked="" type="checkbox"/> | *Flower: profile of lower part | flat | concave |
| <input checked="" type="checkbox"/> | Flower: fragrance | strong | absent or weak |
| <input checked="" type="checkbox"/> | *Sepal: extensions | absent or very weak | medium |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | absent | absent |
| <input checked="" type="checkbox"/> | *Petal: shape | rounded | obcordate |
| <input type="checkbox"/> | Petal: incisions | very weak to weak | very weak to weak |
| <input type="checkbox"/> | Petal: reflexing of margin | weak | weak to medium |
| <input type="checkbox"/> | Petal: undulation | weak | weak |
| <input type="checkbox"/> | *Petal: size | small to medium | medium |
| <input type="checkbox"/> | *Petal: length | short to medium | medium |
| <input type="checkbox"/> | *Petal: width | medium | medium to broad |
| <input type="checkbox"/> | *Petal: number of colours on inner side | one | One |
| <input type="checkbox"/> | *Petal: intensity of colour | even | Even |
| <input type="checkbox"/> | *Petal: main colour on the inner side (RHS Colour Chart) | 155B | N155D |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | small to medium | small |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | medium yellow | medium yellow |
| <input type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 155B | N155D |
| <input type="checkbox"/> | Outer stamen: predominant colour of filament | light yellow | Light yellow |
| <input checked="" type="checkbox"/> | Seed vessel: size | medium | small |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | pitcher-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| New Zealand | 2008 | Applied | 'AUSHOMER' |
| USA | 2006 | Granted | 'AUSHOMER' |

First sold in USA February 2007

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2007/098 |
| Variety Name | 'AUSTANGO' |
| Genus Species | <i>Rosa</i> hybrid |
| Common Name | Rose |
| Synonym | |
| Accepted Date | 11 Apr 2007 |
| Applicant | David Austin Roses Ltd |
| Agent | Siebler Publishing Services, Hartwell, VIC |
| Qualified Person | Brian Hanger |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | The comparative study was conducted at Portland, VIC (Latitude 38.15 South, Longitude 141.37 East). |
| Descriptor | Rose (new) (<i>Rosa</i>) TG/11/8 |
| Period | Summer – Autumn 2010 |
| Conditions | The roses were grown in the open in a well structured red loamy clay soil. Sound farm management practices ensured that the plants grew to their full potential with minimum stress and under high health conditions. 'Austango' was budded in early summer 2008 onto <i>Rosa multiflora</i> rootstock. Examination was made in mid Autumn 2010 on one and two year old budded plants grown in double rows along with other varieties of Austin roses. |
| Trial Design | Observations and measurements were taken from a minimum of ten plants selected at random from within the plant population. |
| Measurements | This included length and width of the terminal leaflet of the first five or seven leaflet leaf down from the flower head, flower sepal length excluding the longest, flower diameter when fully open. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: unnamed seedling x unnamed seedling in 1997. In 1998 best plant was selected and a number of seedlings were grafted onto Laxa root-stock outdoors. After 6 years of continuous observation and trial released for commercial introduction in UK I 2005. Breeder: David Austin Roses, Albrighton, UK.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-------------------|--|
| Plant | growth type | shrub |
| Plant | growth habit | upright |
| Flower | type | double |
| Flower | colour at centre | orange |
| Flower | density of petals | medium |
| Flower | petal size | medium to large |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|----------|
| 'Austencart' | |

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

| Organ/Plant Part: Context | 'AUSTANGO' | 'Austencart' |
|--|---------------------|---------------------|
| <input type="checkbox"/> *Plant: growth type | shrub | shrub |
| <input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber) | upright | upright |
| <input checked="" type="checkbox"/> Plant: height | tall | short to medium |
| <input type="checkbox"/> Young shoot: anthocyanin colouration | present | present |
| <input type="checkbox"/> Young shoot: intensity of anthocyanin colouration | weak to medium | medium |
| <input type="checkbox"/> Stem: number of prickles | medium | medium |
| <input checked="" type="checkbox"/> Prickles: predominant colour | reddish | purplish |
| <input type="checkbox"/> Leaf: size | medium | medium |
| <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 | absent or very weak |
| <input type="checkbox"/> *Leaflet: undulation of margin | absent or very weak | absent or very weak |
| <input type="checkbox"/> *Terminal leaflet: shape of blade | narrow elliptic | narrow elliptic |
| <input type="checkbox"/> Terminal leaflet: shape of base of blade | obtuse | obtuse |
| <input type="checkbox"/> Terminal leaflet: shape of apex of blade | acute | acute |
| <input type="checkbox"/> Flowering shoot: flowering laterals | present | absent |
| <input type="checkbox"/> Flowering shoot: number of flowering laterals | 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 | very many | Very many |
| <input checked="" type="checkbox"/> *Flower: colour group | orange | red blend |
| <input type="checkbox"/> Flower: colour of the centre | orange | orange |
| <input type="checkbox"/> Flower: density of petals | medium | medium |
| <input type="checkbox"/> *Flower: diameter | medium to large | medium |
| <input type="checkbox"/> *Flower: shape | round | round |
| <input type="checkbox"/> Flower: profile of upper part | flat | Flat |
| <input checked="" type="checkbox"/> *Flower: profile of lower part | flattened convex | convex |
| <input type="checkbox"/> Flower: fragrance | medium | absent or weak |

| | | | |
|-------------------------------------|--|---------------------|---------------------|
| <input checked="" type="checkbox"/> | *Sepal: extensions | weak | medium |
| <input type="checkbox"/> | Petals: reflexing of petals one-by-one | present | present |
| <input type="checkbox"/> | *Petal: shape | obovate | obovate |
| <input type="checkbox"/> | Petal: incisions | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: reflexing of margin | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: undulation | absent or very weak | absent or very weak |
| <input type="checkbox"/> | *Petal: size | medium to large | medium to 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) | 31A | 53B |
| <input type="checkbox"/> | *Petal: basal spot on the inner side | present | present |
| <input type="checkbox"/> | *Petal: size of basal spot on inner side | small to medium | medium |
| <input type="checkbox"/> | *Petal: colour of basal spot on inner side | medium yellow | medium yellow |
| <input type="checkbox"/> | *Petal: main colour on the outer side (RHS Colour Chart) | 31A | 54A |
| <input checked="" type="checkbox"/> | Outer stamen: predominant colour of filament | orange | Light yellow |
| <input type="checkbox"/> | Seed vessel: size | small to medium | small to medium |
| <input type="checkbox"/> | Hip: shape in longitudinal section | pitcher-shaped | Pear-shaped |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| Switzerland | 2007 | Granted | 'AUSTANGO' |
| UK | 2006 | Granted | 'AUSTANGO' |
| Japan | 2006 | Applied | 'AUSTANGO' |
| New Zealand | 2008 | Applied | 'AUSTANGO' |
| EU | 2005 | Granted | 'AUSTANGO' |
| USA | 2005 | Granted | 'AUSTANGO' |

Description: **Dr Brian Hanger**, Rosemary Ridge Pty Ltd, Wantirna Mall, VIC.

Details of Application

| | |
|---------------------------|---|
| Application Number | 2008/332 |
| Variety Name | 'Chiffon Breeze' |
| Genus Species | <i>Hibiscus rosa-sinensis</i> |
| Common Name | Rose Mallow |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|---------------------------------------|---|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | PP17,606 |
| Location | Glenorie, NSW |
| Descriptor | Hibiscus |
| Period | Jan-Apr 2010 |
| Conditions | Trial conducted open beds, rooted cuttings planted into 170mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | 10 plants were selected randomly and observations made in order to confirm the candidate conforms to the published US description. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: seed parent 'YB-1388' x pollen parent 'YB-1470' in 1997. The seed parent is characterised by a small flower diameter. The pollen parent is characterised by strong plant growth vigour with variable growth habit and red main petal colour. 'Chiffon Breeze' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, 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 | type | single |
| Flower | opening of petals | present |
| Flower | main colour | yellow |
| Flower | eye zone | present |
| Leaf blade | variegation | absent |
| Petal | shape | type 3 |
| Time of | beginning of flowering | early |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-----------------|----------|
| 'Cashmere Wind' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|--------------------|--------------------------------|--|---|--|
| 'West Coast Jewel' | Flower type | single | double | |
| 'Annie Wood' | Flower eye zone size | medium | large | Also has darker red eye zone colour and larger white area at petal base. |
| 'Kinchen's Yellow' | Flower diameter | medium | very large | Also lacks red colouration of eye zone. |
| 'Lemon Chiffon' | Flower eye zone | present | absent | Also has strong petal undulations. |

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

| Organ/Plant Part: Context | 'Chiffon Breeze' | 'Cashmere Wind' |
|---|------------------|---------------------|
| <input type="checkbox"/> *Plant: growth habit | upright | upright |
| <input type="checkbox"/> Plant: height | short | short |
| <input type="checkbox"/> Plant: density of branching | medium to dense | medium to dense |
| <input type="checkbox"/> Branch: attitude | strongly upwards | moderately upwards |
| <input type="checkbox"/> Branch: colour on distal part | yellow green | yellow green |
| <input type="checkbox"/> *Leaf blade: length | medium to long | medium |
| <input type="checkbox"/> *Leaf blade: width | medium | medium |
| <input type="checkbox"/> *Leaf blade: main colour | medium green | medium green |
| <input type="checkbox"/> *Leaf blade: variegation | absent | absent |
| <input checked="" type="checkbox"/> Leaf blade: lobing | present | absent |
| <input type="checkbox"/> Leaf blade: number of lobes (varieties with lobing only) | none or very few | n/a |
| <input type="checkbox"/> *Leaf blade: depth of lobing (varieties with lobing only) | medium to strong | n/a |
| <input checked="" type="checkbox"/> Leaf blade: undulation of margin | medium | absent or very weak |
| <input checked="" type="checkbox"/> Leaf blade: type of incisions of margin | crenate | serrate to crenate |
| <input type="checkbox"/> *Flower: type | single | single |
| <input type="checkbox"/> Flower: opening of petals | present | present |
| <input type="checkbox"/> Flower: overlapping of petals (varieties with single and semi-double flowers only) | medium | medium |

| | | | |
|-------------------------------------|---|---------------------|---------------------|
| <input type="checkbox"/> | Flower: crest (varieties with single and semi-double flowers only) | absent | absent |
| <input checked="" type="checkbox"/> | Flower: diameter | medium | large |
| <input type="checkbox"/> | *Flower: main colour | yellow | yellow |
| <input type="checkbox"/> | Flower: eye zone | present | present |
| <input type="checkbox"/> | Eye zone: size (extensions excluded) | medium | small to medium |
| <input type="checkbox"/> | Eye zone: extensions into petal | absent or weak | absent or weak |
| <input type="checkbox"/> | Eye zone: number of colours | two | one |
| <input checked="" type="checkbox"/> | Eye zone: main colour (RHS colour chart) | 53C | 44A |
| <input type="checkbox"/> | Petal: length | medium | medium to long |
| <input type="checkbox"/> | Petal: width | medium | medium |
| <input type="checkbox"/> | Petal: shape | type 3 | type 3 |
| <input type="checkbox"/> | *Petal: number of colours (excluding eye zone) | one | one |
| <input checked="" type="checkbox"/> | *Petal: main colour of inner side (RHS Colour Chart) | 16A | 15B |
| <input checked="" type="checkbox"/> | *Petal: main colour of outer side (RHS Colour Chart) | 16C | 15D |
| <input type="checkbox"/> | Petal: serration | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: undulation of margin | weak to medium | weak |
| <input type="checkbox"/> | Staminal column: length (varieties with single and semi-double flowers only) | medium to long | medium |
| <input checked="" type="checkbox"/> | Staminal column: main colour (varieties with single and semi-double flowers only) | white | yellow |
| <input checked="" type="checkbox"/> | Stigma pad: colour | yellow | orange |
| <input type="checkbox"/> | Time of: beginning of flowering | early | early |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2005 | Granted | 'Chiffon Breeze' |

First sold in the USA in Nov 2004. First Australian sale Aug 2008.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2008/331 |
| Variety Name | 'Montego Wind' |
| Genus Species | <i>Hibiscus rosa-sinensis</i> |
| Common Name | Rose Mallow |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|---------------------------------------|---|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP17,952 |
| Location | Glenorie, NSW |
| Descriptor | Hibiscus (DRAFT) (<i>Hibiscus</i>) TG/HIBIS(proj.3) |
| Period | Jan-Apr 2010 |
| Conditions | Trial conducted open beds, rooted cuttings planted into 170mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | 10 plants were selected randomly and observations made in order to confirm the candidate conforms to the published US description. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: seed parent 'YB-1460' x pollen parent 'YB-1593' in 1998. The seed parent is characterised by a bushy plant growth habit, yellow main petal colour and red flower eye zone colour. The pollen parent is characterised by a strong plant growth vigour with variable growth habit, dark yellow main petal colour and red flower eye zone colour. 'Montego Wind' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, 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 | type | single |
| Flower | opening of petals | present |
| Flower | main colour | orange |
| Flower | eye zone | present |
| Leaf blade | variegation | absent |
| Petal | shape | type 3 |
| Time of | beginning of flowering | early |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------|------------------------|
| 'Caroline' | From the same breeder. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|--------------------|--------------------------------|--|---|----------------------------------|
| 'YOHIB 2362' | Flower main colour | orange | yellow | |
| 'Copenhagen' | Flower diameter | small to medium | large | |
| 'Mary Wallace' | Flower diameter | small to medium | very large | Also has a lighter petal margin. |
| 'General Corteges' | Leaf variegation blade | absent | present | |

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

| Organ/Plant Part: Context | 'Montego Wind' | 'Caroline' |
|---|---------------------|--------------------|
| <input type="checkbox"/> *Plant: growth habit | upright | upright |
| <input type="checkbox"/> Plant: height | short | short |
| <input type="checkbox"/> Plant: density of branching | medium to dense | dense |
| <input type="checkbox"/> Branch: attitude | strongly upwards | moderately upwards |
| <input type="checkbox"/> Branch: colour on distal part | yellow green | yellow green |
| <input type="checkbox"/> *Leaf blade: length | medium | medium |
| <input type="checkbox"/> *Leaf blade: width | medium | medium |
| <input type="checkbox"/> *Leaf blade: main colour | medium green | medium green |
| <input type="checkbox"/> *Leaf blade: variegation | absent | absent |
| <input type="checkbox"/> Leaf blade: lobing | absent | absent |
| <input type="checkbox"/> Leaf blade: shape (varieties without lobing only) | ovate | ovate |
| <input type="checkbox"/> Leaf blade: shape of base (varieties without lobing only) | obtuse | obtuse |
| <input type="checkbox"/> Leaf blade: shape of apex (varieties without lobing only) | acute | acute |
| <input checked="" type="checkbox"/> Leaf blade: undulation of margin | absent or very weak | medium |
| <input type="checkbox"/> Leaf blade: type of incisions of margin | crenate | serrate to crenate |
| <input type="checkbox"/> *Flower: type | single | single |
| <input type="checkbox"/> Flower: opening of petals | present | present |
| <input type="checkbox"/> Flower: overlapping of petals (varieties with single and semi-double flowers only) | medium to strong | medium |
| <input type="checkbox"/> Flower: crest (varieties with single and semi-double | absent | absent |

flowers only)

| | | | |
|-------------------------------------|---|---------------------|---------------------|
| <input type="checkbox"/> | Flower: diameter | small to medium | medium |
| <input type="checkbox"/> | *Flower: main colour | orange | orange |
| <input checked="" type="checkbox"/> | Flower: eye zone | present | absent |
| <input type="checkbox"/> | Eye zone: size (extensions excluded) | small | n/a |
| <input type="checkbox"/> | Eye zone: extensions into petal | absent or weak | n/a |
| <input type="checkbox"/> | Eye zone: number of colours | one | n/a |
| <input type="checkbox"/> | Eye zone: main colour (RHS colour chart) | 55B | n/a |
| <input type="checkbox"/> | Petal: length | short to medium | medium |
| <input type="checkbox"/> | Petal: width | narrow to medium | medium |
| <input type="checkbox"/> | Petal: shape | type 3 | type 3 |
| <input type="checkbox"/> | *Petal: number of colours (excluding eye zone) | one | one |
| <input checked="" type="checkbox"/> | *Petal: main colour of inner side (RHS Colour Chart) | 30C | 28A |
| <input checked="" type="checkbox"/> | *Petal: main colour of outer side (RHS Colour Chart) | 29B | 32A |
| <input type="checkbox"/> | Petal: serration | absent or very weak | absent or very weak |
| <input type="checkbox"/> | Petal: undulation of margin | weak to medium | weak to medium |
| <input checked="" type="checkbox"/> | Staminal column: length (varieties with single and semi-double flowers only) | short to medium | medium to long |
| <input type="checkbox"/> | Staminal column: main colour (varieties with single and semi-double flowers only) | orange | orange |
| <input checked="" type="checkbox"/> | Stigma pad: colour | medium red | dark red |
| <input type="checkbox"/> | Time of: beginning of flowering | early | early |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---------|------|----------------|----------------|
| USA | 2005 | Granted | 'Montego Wind' |

First sold in the USA in Nov 2004. First Australian sale Aug 2008.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2008/333 |
| Variety Name | 'Reggae Breeze' |
| Genus Species | <i>Hibiscus rosa-sinensis</i> |
| Common Name | Rose Mallow |
| Synonym | Nil |
| Accepted Date | 15 Dec 2008 |
| Applicant | Yoder Brothers, Inc. Barberton, OH, USA |
| Agent | Oasis Horticulture Pty Limited, Winmalee, NSW |
| Qualified Person | Ian Paananen |

Details of Comparative Trial

| | |
|---------------------------------------|---|
| Overseas Testing Authority | United States Patent and Trademark Office (USPTO) |
| Overseas Data Reference Number | US PP17,591 |
| Location | Glenorie, NSW |
| Descriptor | Hibiscus (DRAFT) (<i>Hibiscus</i>) TG/HIBIS(proj.3) |
| Period | Jan-Apr 2010 |
| Conditions | Trial conducted open beds, rooted cuttings planted into 170mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required. |
| Trial Design | Fifteen pots of each variety arranged in a completely randomised design. |
| Measurements | 10 plants were selected randomly and observations made in order to confirm the candidate conforms to the published US description. |
| RHS Chart - edition | 2007 |

Origin and Breeding

Controlled pollination: seed parent 'YB-2002' x pollen parent 'YB-2055' in 1997. The seed parent is characterised by a bushy plant growth habit, strong growth vigour and golden orange main petal colour. The pollen parent is characterised by a strong plant growth vigour, light orange main petal colour and yellow flower eye zone colour. 'Reggae Breeze' was selected due to its free branching, compact growth suited to container production, early flowering, many flowers, desirable flower colour and good post production longevity. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Wendy Bergman, Barberton, 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 | type | single |
| Flower | opening of petals | present |
| Flower | eye zone | present |
| Leaf blade | variegation | absent |
| Petal | shape | type 3 |
| Time of Flower | beginning of flowering | early |
| Flower | main colour | orange-yellow groups |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------|----------------------|
| 'Largo Breeze' | By the same breeder. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|------------------------|--------------------------------|--|---|---|
| 'Freddie Brubaker' | Flower eye zone colour | dark red | red and white | Also has a very large flower diameter. |
| 'Cashmere Flower Wind' | Flower eye zone size | large | small | Also remained yellow in this climate whereas the candidate turned orange. |
| 'West Coast Jewel' | Flower type | single | double | |

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

| Organ/Plant Part: Context | 'Reggae Breeze' | 'Largo Breeze' |
|---|---------------------|---------------------|
| <input type="checkbox"/> *Plant: growth habit | upright | upright |
| <input type="checkbox"/> Plant: height | very short to short | short |
| <input type="checkbox"/> Plant: density of branching | dense | dense |
| <input type="checkbox"/> Branch: attitude | strongly upwards | strongly upwards |
| <input checked="" type="checkbox"/> Branch: colour on distal part | yellow green | green brown |
| <input type="checkbox"/> *Leaf blade: length | medium | medium |
| <input type="checkbox"/> *Leaf blade: width | medium | medium |
| <input type="checkbox"/> *Leaf blade: main colour | medium green | medium green |
| <input type="checkbox"/> *Leaf blade: variegation | absent | absent |
| <input checked="" type="checkbox"/> Leaf blade: lobing | present | absent |
| <input type="checkbox"/> Leaf blade: number of lobes (varieties with lobing only) | none or very few | n/a |
| <input type="checkbox"/> *Leaf blade: depth of lobing (varieties with lobing only) | weak to medium | n/a |
| <input type="checkbox"/> Leaf blade: undulation of margin | absent or very weak | absent or very weak |
| <input type="checkbox"/> Leaf blade: type of incisions of margin | serrate to crenate | serrate to crenate |
| <input type="checkbox"/> *Flower: type | single | single |
| <input type="checkbox"/> Flower: opening of petals | present | present |
| <input type="checkbox"/> Flower: overlapping of petals (varieties with single and semi-double flowers only) | medium | medium to strong |
| <input type="checkbox"/> Flower: crest (varieties with single and semi-double flowers only) | absent | absent |

| | | | |
|-------------------------------------|---|---------------------|---------------------|
| <input checked="" type="checkbox"/> | Flower: diameter | medium | large |
| <input type="checkbox"/> | *Flower: main colour | orange | orange |
| <input type="checkbox"/> | Flower: eye zone | present | present |
| <input type="checkbox"/> | Eye zone: size (extensions excluded) | medium | medium |
| <input type="checkbox"/> | Eye zone: extensions into petal | absent or weak | absent or weak |
| <input type="checkbox"/> | Eye zone: number of colours | one | one |
| <input type="checkbox"/> | Eye zone: main colour (RHS colour chart) | 53A | 53A |
| <input checked="" type="checkbox"/> | Petal: length | short to medium | long |
| <input checked="" type="checkbox"/> | Petal: width | narrow to medium | medium to broad |
| <input type="checkbox"/> | Petal: shape | type 3 | type 3 |
| <input type="checkbox"/> | *Petal: number of colours (excluding eye zone) | one | one |
| <input checked="" type="checkbox"/> | *Petal: main colour of inner side (RHS Colour Chart) | 25C-26B | 23A |
| <input checked="" type="checkbox"/> | *Petal: main colour of outer side (RHS Colour Chart) | 28C-D | 32A-32C |
| <input type="checkbox"/> | Petal: serration | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> | Petal: undulation of margin | weak to medium | absent or very weak |
| <input type="checkbox"/> | Staminal column: length (varieties with single and semi-double flowers only) | medium to long | medium to long |
| <input type="checkbox"/> | Staminal column: main colour (varieties with single and semi-double flowers only) | red | red |
| <input type="checkbox"/> | Stigma pad: colour | medium red | dark red |
| <input type="checkbox"/> | Time of: beginning of flowering | early | early |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| USA | 2005 | Granted | 'Reggae Breeze' |

First sold in the USA in Nov 2004. First Australian sale Aug 2008.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/022 |
| Variety Name | 'Heatwave Sparkle' |
| Genus Species | <i>Salvia</i> hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Plant Growers Australia Pty Ltd, Wonga Park, VIC |
| Agent | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Wonga Park, VIC, Australia |
| Descriptor | <i>Salvia</i> (<i>Salvia</i>) PBR SALV 2 |
| Period | Oct 2009 to Mar 2010 |
| Conditions | Trial conducted in the open, plants propagated from cuttings during Oct 2009, transferred from plugs to 140mm pots in Nov 2009. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Controlled pollination: occurred between Mar and Apr 2006 at Wonga Park, VIC, Australia. This was part of an ongoing breeding program designed to hybridise forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than *S. greggii* itself). *S.* 'Trewithen' was selected as the maternal parent for its flower colour and was pollinated with *S.* 'Blaze' for its plant habit and flower size. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density medium, corolla predominant colour of lower lip dark mauve (RHS 71C) and corolla presence of central eye zone present. The selection was made and reviewed over a period of months beginning from Oct 2006. From this selection cuttings were taken and further plants grown to maturity. During 2007 further generations were grown in small production trials and once selection was approved for commercialisation these were used as mother stock. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--|--|
| Leaf | shape of apex | acute |
| Leaf | shape of base | cuneate |
| Leaf | incision of margin | present |
| Calyx | colour at corolla full expansion (RHS colour chart) | brown group |

Corolla predominant colour of lower lip red-purple group
(RHS colour chart)

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|-------------------|
| 'Trenwithen' | Parental variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|---------------|--------------------------------|--|---|
| 'Navajo Rose' | Leaf incisions of margin | present | absent |

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

| Organ/Plant Part: Context | 'Heatwave Sparkle' | 'Trenwithen' |
|---|--------------------|-------------------|
| <input type="checkbox"/> *Plant: growth habit | bushy | upright to bushy |
| <input type="checkbox"/> *Plant: density | medium | sparse to medium |
| <input checked="" type="checkbox"/> Leaf: shape | elliptic | ovate |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute |
| <input type="checkbox"/> Leaf: shape of base | cuneate | cuneate |
| <input type="checkbox"/> Leaf: incision of margin | present | present |
| <input checked="" type="checkbox"/> Leaf: depth of incision | medium to deep | very shallow |
| <input checked="" type="checkbox"/> Leaf: type of incision | crenate | dentate |
| <input checked="" type="checkbox"/> Leaf: undulation of the margin | medium | very weak |
| <input type="checkbox"/> Leaf: prominence of venation | weak to medium | weak to medium |
| <input checked="" type="checkbox"/> Leaf: glossiness of upper side | weak | medium to strong |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent |
| <input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart) | yellow-green 146A | yellow-green 146A |
| <input type="checkbox"/> Inflorescence: number of flowers per node | 1 or 2 only | 1, 2 or more |
| <input checked="" type="checkbox"/> Calyx: anthocyanin colouration | strong | weak to medium |
| <input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart) | red-purple 71C | red-purple 74A |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Heatwave Sparkle' | 'Trenwithen' |
|---|--------------------|-------------------|
| <input type="checkbox"/> Stem: degree of anthocyanin colouration of new growth | very weak to weak | very weak to weak |
| <input type="checkbox"/> Corolla: size | medium to large | small to medium |
| <input type="checkbox"/> Calyx: colour at corolla full expansion (RHS colour chart) | brown 200C | brown 200C |

| | | | |
|-------------------------------------|---|-------------------|---------------------|
| <input checked="" type="checkbox"/> | Corolla: presence of central eye zone on lower lip | present | absent |
| <input type="checkbox"/> | Corolla: colour of central eye zone on lower lip (RHS colour chart) | orange-white 159D | |
| <input checked="" type="checkbox"/> | Corolla: undulation of margin of lower lip | medium | absent to very weak |

Prior Applications and Sales

No prior applications

First sold in Australia in March 2008.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/013 |
| Variety Name | Wendy's Wish |
| Genus Species | Salvia hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 19 Mar 2009 |
| Applicant | Wendy Smith, Rosebud, VIC |
| Agent | Plants Management Australia Pty. Ltd., Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | Wonga Park, VIC, Australia |
| Descriptor | Salvia (new) (Salvia) PBR SALV 2 |
| Period | Oct 2009 to Mar 2010 |
| Conditions | Trial conducted in the open, plants propagated from cuttings and grown in 50mm tubes during Oct – Nov 2009. On 20 Nov 2009 the tubes were potted and grown on in 140mm containers. Containers filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Open pollination: occurred at 9 Cleer Cres, Rosebud, VIC in 2005 in a cultivated garden which included several varieties of Salvias. A hybrid seedling germinated beside *S. mexicana* 'Lolly' and grew to flowering maturity where it was initially selected for on the basis of its flower, stem and calyx colour. Although it grew in closest proximity to 'Lolly' its characteristics more closely resemble hybridization between *S. buchananii*, *S. chiapensis* and possibly *S. 'Purple Majesty'* also growing in the garden. Several cuttings were taken from the selection to grow a second generation. The original plant continued to be assessed. Final selection criteria: plant growth habit bushy to spreading, length of flowering season long, corolla colour red-purple, and calyx colour greyed-purple. All subsequent generations have remained uniform and stable. Propagation: will continue to be via cuttings.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---------------------------------|--|
| Leaf | incision of margin | present |
| Leaf | shape of base | cuneate |
| Leaf | type of incision | dentate |
| Leaf | presence of variegation | absent |
| Leaf | undulation of the margin | absent to very weak |
| Corolla | predominant colour of tube | red purple group |
| Corolla | predominant colour of lower lip | red purple group |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------------------|----------|
| <i>S. buchananii</i> | |
| <i>S. chiapensis</i> | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|------------------|--------------------------------|--|---|
| 'Purple Majesty' | corolla | Predominant colour red purple group of lower lip | purple violet 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 | 'Wendy's Wish' | <i>S. buchananii</i> | <i>S. chiapensis</i> |
|---|-----------------------|-----------------------|----------------------|
| <input checked="" type="checkbox"/> *Plant: growth habit | bushy to spreading | upright to bushy | bushy to spreading |
| <input checked="" type="checkbox"/> *Plant: density | sparse to medium | medium to dense | medium |
| <input checked="" type="checkbox"/> Leaf: shape | ovate | elliptic | ovate |
| <input checked="" type="checkbox"/> Leaf: shape of apex | acute | obtuse | acute |
| <input type="checkbox"/> Leaf: shape of base | cuneate | cuneate | cuneate |
| <input type="checkbox"/> Leaf: incision of margin | present | present | present |
| <input checked="" type="checkbox"/> Leaf: depth of incision | medium | shallow | medium |
| <input type="checkbox"/> Leaf: type of incision | toothed | toothed | toothed |
| <input type="checkbox"/> Leaf: undulation of the margin | absent to very weak | absent to very weak | absent to very weak |
| <input checked="" type="checkbox"/> Leaf: prominence of venation | medium | medium | strong |
| <input checked="" type="checkbox"/> Leaf: glossiness of upper side | weak | strong to very strong | medium |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent | absent |
| <input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart) | yellow-green 147A | yellow-green 147A | yellow-green 147A |
| <input type="checkbox"/> Inflorescence: number of flowers per node | 1, 2 or more | 1, 2 or more | 1, 2 or more |
| <input checked="" type="checkbox"/> Calyx: anthocyanin colouration | strong to very strong | medium to strong | weak to medium |
| <input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart) | red-purple 64B | red-purple 64B | red-purple 74A |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Wendy's Wish' | <i>S. buchananii</i> | <i>S. chiapensis</i> |
|---|--------------------|----------------------|----------------------|
| <input checked="" type="checkbox"/> Stem: degree of anthocyanin colouration of new growth | Weak | strong | weak |
| <input checked="" type="checkbox"/> Peduncle: colour at flowering point | greyed-purple 187B | greyed-orange 166A | yellow-green 146A |

(RHS colour chart)

| | | | | |
|-------------------------------------|--|--|-------------------------|---|
| <input checked="" type="checkbox"/> | Calyx: colour before corolla emergence (RHS colour chart) | greyed-purple 187B+C | brown 200D | greyed-purple 183B and yellow- green 144A |
| <input checked="" type="checkbox"/> | Calyx: colour after corolla senescence (RHS colour chart) | greyed-purple 187B+C and greyed yellow 160B | yellow-green 152A | greyed-purple 183B and yellow- green 144A |
| <input checked="" type="checkbox"/> | Bract: colour (RHS colour chart) | greyed-purple 186A+B | greyed-purple 187A+B | brown 200D |
| <input checked="" type="checkbox"/> | Corolla: size | large | large | small |
| <input checked="" type="checkbox"/> | Corolla: degree of hairiness | medium | strong | medium |
| <input type="checkbox"/> | Corolla: predominate colour of tube (RHS colour chart) | red-purple 64B | red-purple 71C | red-purple 71A |

Prior Applications and Sales

No prior applications.

First sold in Australia in Feb 2008

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/021 |
| Variety Name | 'Heatwave Blast' |
| Genus Species | <i>Salvia</i> hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Plant Growers Australia Pty Ltd, Wonga Park, VIC |
| Agent | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Wonga Park, VIC, Australia |
| Descriptor | <i>Salvia</i> (new) (<i>Salvia</i>) PBR SALV 2 |
| Period | Oct 2009 to Mar 2010 |
| Conditions | Trial conducted in the open, plants propagated from cuttings during Oct 2009, transferred from plugs to 140mm pots in Nov 2009. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995. |

Origin and Breeding

Controlled pollination: occurred between Mar and Apr 2006 at Wonga Park, VIC, Australia. This was part of an ongoing breeding program designed to hybridize forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than *S. greggii* itself). *S.* 'Ribbongelle' was selected as the maternal parent for its flower colour and was pollinated with *S.* 'Blaze' for its plant habit and flower size. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density medium to dense and corolla predominant colour of lower lip mid salmon (RHS 48A). The selection was made and reviewed over a period of months beginning from Oct 2006. From this selection cuttings were taken and further plants grown to maturity. During 2007 further generations were grown in small production trials and once selection was approved for commercialisation these were used as mother stock. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--|--|
| Leaf | shape of apex | acute |
| Leaf | shape of base | cuneate |
| Leaf | incision of margin | present |
| Leaf | presence of variegation | absent |
| Corolla | predominant colour of lower lip (RHS colour chart) | red – red purple |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------------|------------------|
| 'Heatwave Blaze' | Parental variety |
| 'Ribbongelle' | Parental variety |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|---------------------|--------------------------------|--|---|
| 'Navajo Salmon Red' | Leaf incision of margin | present | absent |

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

| Organ/Plant Part: Context | 'Heatwave Blast' | 'Heatwave Blaze' | 'Ribbongelle' |
|---|-------------------|-----------------------|-------------------------|
| <input type="checkbox"/> *Plant: growth habit | bushy | bushy to spreading | upright to bushy |
| <input checked="" type="checkbox"/> *Plant: density | medium to dense | medium | sparse to medium |
| <input checked="" type="checkbox"/> Leaf: shape | elliptic | ovate | ovate |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute | acute |
| <input type="checkbox"/> Leaf: shape of base | cuneate | cuneate | cuneate |
| <input type="checkbox"/> Leaf: incision of margin | present | present | present |
| <input type="checkbox"/> Leaf: depth of incision | shallow to medium | shallow to medium | very shallow to shallow |
| <input checked="" type="checkbox"/> Leaf: type of incision | dentate | crenate | dentate |
| <input type="checkbox"/> Leaf: undulation of the margin | weak | weak | very weak |
| <input checked="" type="checkbox"/> Leaf: prominence of venation | medium | medium | very weak to weak |
| <input checked="" type="checkbox"/> Leaf: glossiness of upper side | medium | medium | weak |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent | absent |
| <input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart) | yellow-green 146B | yellow-green 146B | yellow-green 146B |
| <input type="checkbox"/> Inflorescence: number of flowers per node | 1 or 2 only | 1, 2 or more | 1 or 2 only |
| <input checked="" type="checkbox"/> Calyx: anthocyanin colouration | weak | strong to very strong | medium |
| <input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart) | red 48A | red-purple 60A | red 37B |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Heatwave Blast' | 'Heatwave Blaze' | 'Ribbongelle' |
|--|-------------------|--------------------|-------------------|
| <input type="checkbox"/> Stem: degree of anthocyanin colouration of new growth | very weak to weak | weak | very weak to weak |
| <input type="checkbox"/> Corolla: size | medium | medium to large | medium |
| <input checked="" type="checkbox"/> Calyx: colour at corolla full expansion (RHS colour chart) | grey-brown 199A | greyed-purple 187A | brown 200C |

| | | | | |
|-------------------------------------|---|-------------------|--------|-------------------|
| <input checked="" type="checkbox"/> | Corolla: presence of central eye zone on lower lip | present | absent | present |
| <input type="checkbox"/> | Corolla: colour of central eye zone on lower lip (RHS colour chart) | orange-white 159D | | orange-white 159B |
| <input checked="" type="checkbox"/> | Corolla: undulation of margin of lower lip | weak | medium | strong |

Prior Applications and Sales

No prior applications.

First sold in Australia in March 2008.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/024 |
| Variety Name | 'Heatwave Glimmer' |
| Genus Species | <i>Salvia</i> hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Plant Growers Australia Pty Ltd, Wonga Park, VIC |
| Agent | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Wonga Park, VIC, Australia |
| Descriptor | <i>Salvia</i> (new) (<i>Salvia</i>) PBR SALV 2 |
| Period | Oct 2009 to Mar 2010 |
| Conditions | Trial conducted in the open, plants propagated from cuttings during Oct 2009, transferred from plugs to 140mm pots in Nov 2009. Pots filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Controlled pollination: occurred between Mar and Apr 2006 at Wonga Park, VIC, Australia. This was part of an ongoing breeding program designed to hybridise forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than *S. greggii* itself). *S.* 'Trebah' was selected as the maternal parent for its flower colour and was pollinated with *S.* 'Blaze' for its plant habit and flower size. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density medium to dense, corolla predominant colour of lower lip very pale yellow (RHS 10D) and calyx anthocyanin colouration strong. The selection was made and reviewed over a period of months beginning from Oct 2006. From this selection cuttings were taken and further plants grown to maturity. During 2007 further generations were grown in small production trials and once selection was approved for commercialization these were used as mother stock. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|--------------------|--|
| Leaf | shape | ovate |
| Leaf | shape of apex | acute |
| Leaf | shape of base | cuneate |
| Leaf | incision of margin | present |
| Leaf | type of incision | dentate |

| | | |
|---------------|---|-------------------|
| Leaf | undulation of the margin | very weak |
| Leaf | presence of variegation | absent |
| Inflorescence | number of flowers per node | 1 or 2 only |
| Corolla | presence of central eye zone on lower lip | absent |
| Corolla | undulation of margin of lower lip | very weak to weak |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-------------------|
| 'Trebah' | Parental variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------------|---|---|--|
| 'La Luna' | Calyx degree of anthocyanin colouration | strong | absent or very weak |
| 'Moonlight Serenade' | Plant density | medium to dense | sparse |
| | Leaf glossiness of upper side | weak | strong |

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

| Organ/Plant Part: Context | 'Heatwave Glimmer' | 'Trebah' |
|--|---------------------------|---------------------|
| <input checked="" type="checkbox"/> *Plant: growth habit | bushy to spreading | upright to bushy |
| <input type="checkbox"/> *Plant: density | medium to dense | sparse to medium |
| <input type="checkbox"/> Leaf: shape | ovate | ovate |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute |
| <input type="checkbox"/> Leaf: shape of base | cuneate | cuneate |
| <input type="checkbox"/> Leaf: incision of margin | present | present |
| <input type="checkbox"/> Leaf: depth of incision | shallow | very shallow |
| <input type="checkbox"/> Leaf: type of incision | dentate | dentate |
| <input type="checkbox"/> Leaf: undulation of the margin | very weak | very weak |
| <input checked="" type="checkbox"/> Leaf: prominence of venation | medium | weak |
| <input checked="" type="checkbox"/> Leaf: glossiness of upper side | weak | medium |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent |
| <input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart) | yellow-green 146B | yellow-green 146A |
| <input type="checkbox"/> Inflorescence: number of flowers per node | 1 or 2 only | 1 or 2 only |
| <input checked="" type="checkbox"/> Calyx: anthocyanin colouration | strong | absent or very weak |
| <input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS) | yellow 10D | white 155D |

colour chart)

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Heatwave Glimmer' | 'Trebah' |
|--|---------------------------|-------------------|
| <input type="checkbox"/> Stem: degree of anthocyanin colouration of new growth | weak | very weak to weak |
| <input type="checkbox"/> Corolla: size | medium to large | small |
| <input checked="" type="checkbox"/> Calyx: colour at corolla full expansion (RHS colour chart) | brown 200B | yellow-green 144A |
| <input type="checkbox"/> Corolla: presence of central eye zone on lower lip | absent | absent |
| <input type="checkbox"/> Corolla: undulation of margin of lower lip | very weak to weak | very weak to weak |

Prior Applications and Sales

No prior applications.

First sold in Australia in Mar 2008.

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

Details of Application

| | |
|---------------------------|---|
| Application Number | 2009/023 |
| Variety Name | 'Heatwave Glitter' |
| Genus Species | <i>Salvia</i> hybrid |
| Common Name | Sage |
| Synonym | Nil |
| Accepted Date | 10 Apr 2009 |
| Applicant | Plant Growers Australia Pty Ltd, Wonga Park, VIC |
| Agent | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| Qualified Person | Steve Eggleton |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Wonga Park, VIC, Australia |
| Descriptor | <i>Salvia</i> (<i>Salvia</i>) PBR SALV 2 |
| Period | Oct 2009 to Mar 2010 |
| Conditions | Trial conducted in the open, plants propagated from cuttings during Oct 2009, transferred from plugs to 140mm pots in Nov 2009. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required. |
| Trial Design | Twelve pots of each variety in a completely randomised design. |
| Measurements | From ten plants randomly selected. |
| RHS Chart - edition | 1995 |

Origin and Breeding

Controlled pollination: occurred between Mar and Apr 2006 at Wonga Park, VIC, Australia. This was part of an ongoing breeding program designed to hybridize forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than *S. greggii* itself). *S.* 'Trenance' was selected as the maternal parent for its flower colour and was pollinated with *S.* 'Blaze' for its plant habit and flower size. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density dense and corolla predominant colour of lower lip pale mauve (RHS 74C). The selection was made and reviewed over a period of months beginning from Oct 2006. From this selection cuttings were taken and further plants grown to maturity. During 2007 further generations were grown in small production trials and once selection was approved for commercialization these were used as mother stock. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|---------------------------------|--|
| Leaf | shape | ovate |
| Leaf | shape of apex | acute |
| Leaf | shape of base | cuneate |
| Leaf | incision of margin | present |
| Leaf | depth of incisions | very shallow to shallow |
| Corolla | presence of central eye zone on | present |

| | | |
|---------|---|------------------|
| Corolla | lower lip predominant colour of lower lip (RHS colour chart) | red-purple (74C) |
|---------|---|------------------|

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|------------|-------------------|
| 'Trenance' | Parental variety. |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|--------------------|--------------------------------|--|---|
| 'Heatwave Sparkle' | Leaf shape | ovate | elliptic |
| 'Heatwave Sparkle' | Calyx anthocyanin colouration | medium | strong |
| 'Navajo Rose' | Leaf incisions of margin | present | absent |

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

| Organ/Plant Part: Context | 'Heatwave Glitter' | 'Trenance' |
|--|-------------------------|-------------------------|
| <input checked="" type="checkbox"/> *Plant: growth habit | bushy to spreading | upright to bushy |
| <input checked="" type="checkbox"/> *Plant: density | dense | sparse to medium |
| <input type="checkbox"/> Leaf: shape | ovate | ovate |
| <input type="checkbox"/> Leaf: shape of apex | acute | acute |
| <input type="checkbox"/> Leaf: shape of base | cuneate | cuneate |
| <input type="checkbox"/> Leaf: incision of margin | present | present |
| <input type="checkbox"/> Leaf: depth of incision | very shallow to shallow | very shallow to shallow |
| <input type="checkbox"/> Leaf: type of incision | dentate | dentate |
| <input type="checkbox"/> Leaf: undulation of the margin | absent to very weak | very weak |
| <input type="checkbox"/> Leaf: prominence of venation | very weak to weak | weak |
| <input type="checkbox"/> Leaf: glossiness of upper side | medium | medium to strong |
| <input type="checkbox"/> Leaf: presence of variegation | absent | absent |
| <input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart) | yellow-green 146A | yellow-green 144C |
| <input type="checkbox"/> Inflorescence: number of flowers per node | 1 or 2 only | 1 or 2 only |
| <input type="checkbox"/> Calyx: anthocyanin colouration | medium | weak to medium |
| <input type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart) | red-purple 74C | red-purple 74C |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | | |
|---|-------------------|-------------------|
| <input type="checkbox"/> Stem: degree of anthocyanin colouration of new | very weak to weak | very weak to weak |

growth

| | | | |
|-------------------------------------|---|-------------------|-------------------|
| <input checked="" type="checkbox"/> | Corolla: size | medium to large | small to medium |
| <input type="checkbox"/> | Calyx: colour at corolla full expansion (RHS colour chart) | yellow-green 144C | yellow-green 144C |
| <input type="checkbox"/> | Corolla: presence of central eye zone on lower lip | present | present |
| <input type="checkbox"/> | Corolla: colour of central eye zone on lower lip (RHS colour chart) | red-purple 69D | red-purple 69D |
| <input checked="" type="checkbox"/> | Corolla: undulation of margin of lower lip | strong | weak |

Prior Applications and Sales

No prior applications.

First sold in Australia in March 2008.

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

Details of Application

| | |
|---------------------------|---------------------------------------|
| Application Number | 2001/139 |
| Variety Name | 'TMGH' |
| Genus Species | <i>Magnolia grandiflora</i> |
| Common Name | Southern Magnolia |
| Synonym | |
| Accepted Date | 20/11/01 |
| Applicant | Tree Introductions Inc, Georgia, USA. |
| Agent | Fleming's Nurseries Pty Ltd |
| Qualified Person | Peter Todd |

Details of Comparative Trial

| | |
|----------------------------|--|
| Overseas Testing | United States Patents and Trademark Office |
| Authority | |
| Overseas Data | PP 11,612 |
| Reference Number | |
| Location | Where possible the US Plant Patent data was verified under local conditions in Monbulk, VIC. |
| Descriptor | Magnolia (<i>Magnolia</i>) PBR MAGN |
| Period | Mid April 2005. |
| Conditions | Plants were grown vegetatively. All trees are healthy and growing evenly with no obvious signs of disease or stress. |
| Trial Design | Completely randomised block. |
| Measurements | From all trial plants. |
| RHS Chart - edition | 1986 |

Origin and breeding

Seedling selection: The present variety relates to a new and distinct variety of *Magnolia grandiflora*, Southern Magnolia, which has been given the varietal name 'TMGH'. 'TMGH' was developed in 1993 from a chance seedling of 'Hasse' Southern Magnolia (believed unpatented) growing in a production field at Bulloch County, Ga, USA. This new variety originated as a seedling planted in spring 1989, and was then transplanted into the field in Jul 1989, as a six to eight inch liner. As the tree was observed by Thomas Julian Strickland in 1993, it's uniqueness became apparent because of its compact, narrow, dark green leaves with rusty-brown under-sides and dense, narrow, upright growing habit. Breeder: Thomas Julian Strickland, 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 | colour of upperside | dark green |
| Leaf | shape | Elliptic |
| Flower | main colour | White |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|--------------|---|
| 'Little Gem' | upperside of the leaf surface is dark green and has a medium brown coloured underside leaf surface similar to 'TMGH'. |
| 'Hasse' | upright form, although not to the extent of 'TMGH'. The upperside of the leaf surface is dark green. |
| 'MGTIG' | also has an upright form with the upperside of the leaf surface being a waxy green. |

Variety Description and Distinctness - Characteristics which distinguish the

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

| Organ/Plant Part: Context | 'TMGH' | 'Hasse' | 'Little Gem' | 'MGTIG' |
|---|---------------------|---------------------|---------------------|-----------------|
| <input type="checkbox"/> Plant: seasonality | evergreen | evergreen | evergreen | evergreen |
| <input type="checkbox"/> Plant: type | tree | tree | Tree | tree |
| <input checked="" type="checkbox"/> Plant: growth habit | bushy | upright | bushy | upright |
| <input type="checkbox"/> Leaf: colour of upperside | dark green | dark green | dark green | dark green |
| <input type="checkbox"/> Leaf: length of blade | medium to long | long | medium to long | long |
| <input type="checkbox"/> Leaf: width of blade | narrow to medium | medium | narrow to medium | medium to broad |
| <input type="checkbox"/> Leaf: shape | elliptic | elliptic | elliptic | elliptic |
| <input type="checkbox"/> Leaf: main colour upper side | dark green | dark green | Dark green | dark green |
| <input type="checkbox"/> Flower: diameter | large to very large | large to very large | large to very large | medium to large |
| <input type="checkbox"/> Flower: main colour | white | white | white | white |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'TMGH' | 'Hasse' | 'Little Gem' | 'MGTIG' |
|---|---------------|----------------|---------------------|----------------|
| <input checked="" type="checkbox"/> Leaf: presence of variegation | present | absent | absent | absent |
| <input checked="" type="checkbox"/> Leaf: type of variegation | marginal | | | |
| <input checked="" type="checkbox"/> Leaf: extent of variegation | very low | | | |
| <input checked="" type="checkbox"/> Leaf: primary colour (RHS) | 139A | | | 137A |
| <input checked="" type="checkbox"/> Leaf: underside | mid brown | light brown | mid brown | light green |
| <input checked="" type="checkbox"/> Leaf: underside (RHS) | 165B | | | 146B |

Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|----------------|-------------|-----------------------|---------------------|
| EU | 2004 | Granted | 'TMGH' |
| USA | 1998 | Granted | 'TMGH' |

First sold in USA March 1999.

Description: **Peter Todd**, Fleming's Nurseries Pty Ltd, Monbulk, VIC.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/287 |
| Variety Name | 'Permatas' |
| Genus Species | <i>Trifolium tumens</i> |
| Common Name | Talish clover |
| Synonym | |
| Accepted Date | 15 Dec 2008 |
| Applicant | The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment, Hobart, TAS and University of Tasmania, Hobart, TAS |
| Agent | |
| Qualified Person | Andrea Hurst, DPIWE, TAS. |

Details of Comparative Trial

| | |
|----------------------------|--|
| Location | Mt Pleasant Laboratories, Launceston, TAS |
| Descriptor | Talish clover (<i>Trifolium tumens</i>) PBR TALI |
| Period | Sep 2008 to Jan 2010 |
| Conditions | Seed was germinated on pads on 1 Sep 2008 and pricked into 64 cell Yates Rite-Gro Kwik trays and grown in glasshouse conditions under natural light. After 90 days the seedlings were transplanted into 200mm pots in a pine bark/loam based potting mix with premixed slow release fertiliser and transferred to an outside trial site under overhead irrigation. Plants were given soluble fertiliser as required. Snail bait was applied at regular intervals. Weeds were controlled by hand. |
| Trial Design | Randomised block, 3 treatments, 8 replicates, 12 plants per plot. |
| Measurements | Ninety-six plants of each variety were grown and measured. |
| RHS Chart - edition | |

Origin and Breeding

Controlled pollination: 4 cycles of recurrent phenotypic selection for seedling vigour, seed production, stolon production and anthocyanin leaf flecking. Cross-pollination of selections occurred in isolation. 'Permatas' was developed from accession PI 631719, collected in the former Soviet Union and received by the USDA in Jul 1939. Seed received from USDA, Jul 2002. Held by the Department of Primary Industries, Water and Environment, Launceston TAS as accession Tas 2568. In 2002 52 seedlings grown. 11 seedlings planted on weed mat at Mt. Pleasant Laboratories, Launceston TAS for characterisation of the accession. Seed collected from 2 plants with the greatest vigour, high seed production and strong leaf marking. These 2 plants were also found to be stoloniferous. Seed from selections germinated in Apr 2003. 10 seedlings with the greatest vigour planted into weed mat and at harvest seed collected from the single most vigorous plant. 230 seedlings grown. In 2004 45 plants with the most vigour and with anthocyanin pigment planted in field isolation and harvested with no further selections. The 4th selection was made in 2005. 576 seedlings germinated. Reselected for vigour and anthocyanin pigmentation. Mode of propagation: seed.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|------------------|-------------------|---|
| Plant | ploidy | tetraploid |
| Plant | time of flowering | medium |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|-------------|-----------------|
| 'PI 631719' | Parent material |

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

| Organ/Plant Part: Context | 'Permatas' | 'PI 631719' |
|--|-------------------|-----------------|
| <input type="checkbox"/> Plant: ploidy | tetraploid | tetraploid |
| <input type="checkbox"/> Plant: time of flowering (when 3 inflorescences per plant have 1 corolla emerged) | medium | medium |
| <input type="checkbox"/> Inflorescence: colour | white | white |
| <input checked="" type="checkbox"/> Leaf: % plants with anthocyanin flecking | high to very high | medium |
| <input checked="" type="checkbox"/> Leaf: % leaves per plant with anthocyanin flecking | medium to high | very low to low |
| <input checked="" type="checkbox"/> Leaf: intensity of central leaf crescent | strong | weak to medium |
| <input checked="" type="checkbox"/> Leaf: % plants with central leaf crescent | very high | high |
| <input checked="" type="checkbox"/> Leaf: % leaves per plant with a central leaf crescent | very high | high |
| <input type="checkbox"/> Inflorescence: peduncle length (base of inflorescence to stem) | medium | medium to long |
| <input checked="" type="checkbox"/> Inflorescence: % plants with peduncle anthocyanin | very high | high |
| <input type="checkbox"/> Inflorescence: % peduncles per plant with anthocyanin colouration | medium | low to medium |
| <input checked="" type="checkbox"/> Seed: 1000 seed weight | low to medium | medium to high |

Statistical Table

| Organ/Plant Part: Context | 'Permatas' | 'PI 631719' |
|---|------------|-------------|
| <input checked="" type="checkbox"/> Leaf: % plants with anthocyanin flecking | | |
| Mean | 87.22 | 52.08 |
| Std. Deviation | 9.00 | 12.40 |
| LSD/sig | 13.95 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: % plants with central leaf crescent | | |
| Mean | 100.00 | 79.17 |
| Std. Deviation | 0.00 | 8.90 |
| LSD/sig | 7.66 | P≤0.01 |
| <input checked="" type="checkbox"/> Leaf: % leaves per plant with a central leaf crescent | | |
| Mean | 99.89 | 78.65 |
| Std. Deviation | 0.30 | 9.20 |
| LSD/sig | 8.01 | P≤0.01 |

| | | |
|--|-------|--------|
| <input checked="" type="checkbox"/> Leaf: % leaves per plant with anthocyanin flecking | | |
| Mean | 69.04 | 17.86 |
| Std. Deviation | 4.90 | 7.90 |
| LSD/sig | 10.25 | P≤0.01 |

Prior Applications and Sales

Nil.

Description: **Andrea Hurst** and **Eric Hall**, Tasmanian Institute of Agricultural Research, Launceston, TAS.

Details of Application

| | |
|---------------------------|--|
| Application Number | 2008/025 |
| Variety Name | 'LongReach Beaufort' |
| Genus Species | <i>Triticum aestivum</i> |
| Common Name | Wheat |
| Synonym | Nil |
| Accepted Date | 18 Mar 2008 |
| Applicant | C.C. Benoist, Orgerus, France |
| Agent | LongReach Plant Breeders Management Pty Ltd, Bundoora, VIC |
| Qualified Person | Stephen Moore |

Details of Comparative Trial

| | |
|----------------------------|---|
| Location | The University of Sydney Plant Breeding Institute, Narrabri NSW |
| Descriptor | Wheat (<i>triticum aestivum</i>) TG/3/11 |
| Period | May to Nov 2009 |
| 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 | Nil |

Origin and Breeding

Controlled pollination: H93-179/H95-322. The cross was made in France in 1995 followed by pedigree selection. From F₂ generation, 118 plants were selected and grown in head rows. Four lines were selected from F₃ head rows and 2 lines were retained in F₄ generation for further evaluation. From this, a single line was selected in F₅ generation and it was grown as F₆ in multi location yield and quality trials in Southern France. Then this line sent was to New Zealand in 2001, for further testing as F₇ generation and planted in LongReach Plant Breeders selection and quarantine nursery in Lincoln, New Zealand. From this nursery P01002245-2904 was selected and F₈ seed was sent to Australia for further testing. In Australia, this line was redesignated as LR01102245 and planted in quarantine nursery in Werribee, VIC. In 2003, LR01102245 entered into Stage 1 trials. The Stage 2 breeder's seed production commenced in 2005 in Horsham, VIC. In 2007 pre-basic seed production repeated. LR01102245 was released as 'LongReach Beaufort'. Selection criteria: yield, disease resistance and quality. Breeder: C.C. Benoist, Orgerus, France.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|-------------------------|-----------------------|--|
| Straw | pith in cross section | thin |
| Ear | colour | white |
| Awns or scurs | presence | scurs present |
| Seasonal | type | spring |

Most Similar Varieties of Common Knowledge identified (VCK)

| Name | Comments |
|----------|----------|
| 'Sunlin' | |

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|---------|--------------------------------|--|---|
| 'Chara' | Awns or scurs presence | scurs present | awn 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 | 'LongReach Beaufort' | 'Sunlin' |
|--|------------------------------|-----------------------|
| <input checked="" type="checkbox"/> *Plant: growth habit | semi-prostrate | intermediate |
| <input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles | absent or very weak | very strong |
| <input checked="" type="checkbox"/> *Time of: ear emergence | medium | early |
| <input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath | very strong | strong |
| <input type="checkbox"/> *Ear: glaucosity | strong to very strong | strong to very strong |
| <input type="checkbox"/> Culm: glaucosity of neck | very strong | very strong |
| <input type="checkbox"/> *Straw: pith in cross section | thin | thin |
| <input type="checkbox"/> *Ear: shape in profile | parallel sided | parallel sided |
| <input checked="" type="checkbox"/> *Ear: density | medium | lax |
| <input type="checkbox"/> *Awns or scurs: presence | scurs present | scurs present |
| <input checked="" type="checkbox"/> *Awns of scurs at tip of ear: length | very short | short |
| <input type="checkbox"/> *Ear: colour | white | white |
| <input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface | medium to strong | weak |
| <input checked="" type="checkbox"/> Lower glume: shoulder width | medium | very broad |
| <input type="checkbox"/> Lower glume: shoulder shape | slightly sloping to straight | straight |
| <input checked="" type="checkbox"/> Lower glume: beak length | short | very short |
| <input type="checkbox"/> Lower glume: beak shape | straight to slightly curved | straight |
| <input type="checkbox"/> Lower glume: extent of internal hair | weak | weak |
| <input type="checkbox"/> Lowest lemma: beak shape | slightly curved | slightly curved |
| <input type="checkbox"/> *Grain: colour | medium red | white |
| <input type="checkbox"/> *Seasonal type: | spring type | spring type |

Statistical Table

| Organ/Plant Part: Context | 'LongReach Beaufort' | 'Sunlin' |
|--|----------------------|----------|
| <input type="checkbox"/> Plant length: length (mm) | | |

| | | |
|---|--------|--------|
| Mean | 767.00 | 778.66 |
| Std. Deviation | 58.31 | 68.66 |
| LSD/sig | 39.50 | ns |
| <input checked="" type="checkbox"/> Ear length: length (mm) | | |
| Mean | 96.20 | 121.15 |
| Std. Deviation | 5.71 | 8.92 |
| LSD/sig | 7.64 | P≤0.01 |

Prior Applications and Sales

Nil.

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

Details of Application

| | |
|---------------------------|--|
| Application Number | 2006/300 |
| Variety Name | 'Naparoo' |
| Genus Species | <i>Triticum aestivum</i> |
| Common Name | Wheat |
| Synonym | Nil |
| Accepted Date | 13 Jun 2008 |
| Applicant | The University of Sydney and Grain Research and Development Corporation (GRDC) |
| Agent | Australian Grain Technologies, Glen Osmond, SA |
| 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 to Dec 2006 |
| Conditions | Sown into long fallowed self-mulching black soil, Field H3B, 50kgN/ha Anhydrous Ammonia applied pre planting. |
| Trial Design | Plots arranged in randomised complete blocks, 12m long and 2m wide (7 rows) in 3 replicates. |
| Measurements | Taken from 20 random plants per replicate from approximately 2,500 plants. |
| RHS Chart - edition | Nil |

Origin and Breeding

Controlled pollination: Lawson//3Ag14/3*M3087. The cross was made in 1991, Initial cycles of single plant selection for rust resistance at PBI, Cobbitty were followed by selection at Narrabri for agronomic attributes from BCF₁ to BCF₃. Multi site evaluation for dry matter, grazing recovery and disease resistance was conducted from 1999 to 2005. Selection criteria: rust resistance, dry matter yield and grazing recovery. Breeder: The University of Sydney, Plant Breeding Institute.

Choice of Comparators Characteristics 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 |
| Ear | shape in profile | parallel sided |
| Awns or scurs | presence | scurs present |
| Awns of scurs at tip of ear | length | very short |
| Grain | colour | white |
| Seasonal | type | spring |

Most Similar Varieties of Common Knowledge identified (VCK)

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

'Marombi'

Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|----------------|---------------------------------------|---|--|
| 'Lawson' | Seasonal type | spring type | winter type |

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

| Organ/Plant Part: Context | ‘Naparoo’ | ‘Marombi’ |
|---|------------------------------|----------------------------|
| <input checked="" type="checkbox"/> *Plant: growth habit | semi-prostrate | semi-erect to intermediate |
| <input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles | absent or very weak | absent or very weak |
| <input type="checkbox"/> Plant: frequency of plants with recurved flag leaves | very low to low | very low to low |
| <input type="checkbox"/> *Time of: ear emergence | medium to late | medium |
| <input type="checkbox"/> *Flag leaf: glaucosity of sheath | weak to medium | weak |
| <input checked="" type="checkbox"/> *Ear: glaucosity | weak to medium | strong to very strong |
| <input type="checkbox"/> Culm: glaucosity of neck | very strong | very strong |
| <input checked="" type="checkbox"/> *Straw: pith in cross section | medium | thin |
| <input type="checkbox"/> *Ear: shape in profile | parallel sided | parallel sided |
| <input type="checkbox"/> *Ear: density | lax to medium | medium |
| <input type="checkbox"/> Ear: length | medium | medium |
| <input type="checkbox"/> *Awns or scurs: presence | scurs present | scurs present |
| <input type="checkbox"/> *Awns of scurs at tip of ear: length | very short | very short |
| <input type="checkbox"/> *Ear: colour | white | white |
| <input type="checkbox"/> Apical rachis segment: hairiness of convex surface | absent or very weak | absent or very weak |
| <input checked="" type="checkbox"/> Lower glume: shoulder width | narrow | broad to very broad |
| <input type="checkbox"/> Lower glume: shoulder shape | slightly sloping to straight | straight |
| <input type="checkbox"/> Lower glume: beak length | very short | very short |
| <input type="checkbox"/> Lower glume: beak shape | straight to slightly curved | straight |
| <input type="checkbox"/> Lower glume: extent of internal hair | very weak | very weak |
| <input type="checkbox"/> Lowest lemma: beak shape | straight | straight |
| <input type="checkbox"/> *Grain: colour | white | white |
| <input type="checkbox"/> *Seasonal type: | spring type | spring type |

Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | ‘Naparoo’ | ‘Marombi’ |
|---|------------------|------------------|
| <input checked="" type="checkbox"/> Stem rust gene Sr24: present/absent | present | absent |
| <input checked="" type="checkbox"/> Leaf rust gene Lr24: present/absent | present | absent |
| <input checked="" type="checkbox"/> VPM gene complex: presence | absent | present |

Statistical Table

| Organ/Plant Part: Context | 'Naparoo' | 'Marombi' |
|--|------------------|------------------|
| <input type="checkbox"/> Plant: length (mm) | | |
| Mean | 599.00 | 569.00 |
| Std. Deviation | 44.50 | 46.81 |
| LSD/sig | 37.8 | ns |
| <input checked="" type="checkbox"/> Ear: length (mm) | | |
| Mean | 115.00 | 105.00 |
| Std. Deviation | 5.34 | 9.47 |
| LSD/sig | 8.5 | P≤0.01 |

Prior Applications and Sales

Nil.

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

GRANTS

Acmena smithii

LILLY PILLY

‘BWNRED’^ϕ syn Red Head^ϕ

Application No: 2008/086

Applicant: **Tracey Knowland and Stuart Knowland**

Certificate No: 3981 Expiry Date: 10 March, 2035.

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

Avena sativa

OATS

‘Mulgara’^ϕ

Application No: 2008/241

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

Certificate No: 3976 Expiry Date: 9 March, 2030.

‘Tammar’^ϕ

Application No: 2008/243

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

Certificate No: 3975 Expiry Date: 9 March, 2030.

Cordyline australis

CORDYLINE, CABBAGE TREE

‘CARDINAL’^ϕ

Application No: 2007/316

Applicant: **Liner Plants NZ (1993) Limited**

Certificate No: 3967 Expiry Date: 3 February, 2030.

Agent: **A J Park**, Canberra, ACT.

‘Pluto’^ϕ

Application No: 2008/140

Applicant: **Flower & Plant Technology Pty Ltd**, Canningvale, WA.

Certificate No: 3983 Expiry Date: 10 March, 2030.

Cordyline banksii

FOREST CABBAGE TREE

‘Sprilecpink’^Φ

Application No: 2006/339

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

Certificate No: 3984 Expiry Date: 10 March, 2030.

Crambe abyssinica

SEA KALE

‘Galactica’^Φ

Application No: 2005/160

Applicant: **Plant Research International B.V.**

Certificate No: 3974 Expiry Date: 9 March, 2030.

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

‘Nebula’^Φ

Application No: 2005/161

Applicant: **Plant Research International B.V.**

Certificate No: 3973 Expiry Date: 9 March, 2030.

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

Dianthus caryophyllus

CARNATION

‘Floriagate’^Φ

Application No: 2008/290

Applicant: **International Flower Developments Pty Ltd**, Burndoorra, VIC.

Certificate No: 3991 Expiry Date: 24 March, 2030.

‘Florijade’^Φ

Application No: 2008/289

Applicant: **International Flower Developments Pty Ltd**, Bundoora, VIC.

Certificate No: 3990 Expiry Date: 24 March, 2030.

Impatiens hawkeri

NEW GUINEA IMPATIENS

'Balcebink'^ϕ

Application No: 2008/192

Applicant: **Ball Horticultural Company**

Certificate No: 3992 Expiry Date: 31 March, 2030.

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

Ipomoea batatas

ORNAMENTAL SWEET POTATO

'Sweet Caroline Sweet Heart Red'^ϕ

Application No: 2006/326

Applicant: **North Carolina State University**

Certificate No: 3980 Expiry Date: 9 March, 2030.

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

'Sweet Caroline Sweet Heart Purple'^ϕ

Application No: 2006/325

Applicant: **North Carolina State University**

Certificate No: 3979 Expiry Date: 9 March, 2030.

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

'Sweet Caroline Sweet Heart Light Green'^ϕ

Application No: 2006/324

Applicant: **North Carolina State University**

Certificate No: 3978 Expiry Date: 9 March, 2030.

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

Lactuca sativa

LETTUCE

'ALBANAS'^ϕ

Application No: 2008/046

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

Certificate No: 3996 Expiry Date: 30 March, 2030.

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

'Cosmos'^ϕ syn HUXLEY^ϕ

Application No: 2008/244

Applicant: **Nunhems B.V.**

Certificate No: 3993 Expiry Date: 29 March, 2030.

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

Leucaena leucocephala ssp *glabrata*

LEUCAENA

‘Wondergraze’^ϕ

Application No: 2007/129

Applicant: **Leucseeds Pty Ltd**, Banana, QLD.

Certificate No: 3969 Expiry Date: 2 March, 2035.

Malus domestica

APPLE

‘SJ 303’^ϕ syn **Miss Ruby**^ϕ

Application No: 2003/165

Applicant: **Skyglow Enterprises Pty Ltd**, Eaton, WA.

Certificate No: 3970 Expiry Date: 2 March, 2035.

Medicago sativa

LUCERNE

‘PacL 501’^ϕ

Application No: 2006/312

Applicant: **The University of Queensland**, St Lucia, QLD and **Grains Research and Development, Corporation**, Barton, ACT.

Certificate No: 3995 Expiry Date: 30 March, 2030.

Myoporum parvifolium

CREEPING BOOBIALLA, CREEPING MYOPORUM

‘PARV01’^ϕ

Application No: 2008/356

Applicant: **Ozbreed Pty Ltd**, Richmond, NSW

Certificate No: 3977 Expiry Date: 9 March, 2030.

Neotyphodium lolii

FUNGAL ENDOPHYTE

‘AR37’^Φ

Application No: 2006/004

Applicant: **Grasslanz Technology Limited**

Certificate No: 3997 Expiry Date: 30 March, 2030.

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

Petunia hybrid

PETUNIA

‘Kirimaji Double Blue Velvet’^Φ

Application No: 2008/201

Applicant: **Kirin Agribio Company, Limited**

Certificate No: 3985 Expiry Date: 23 March, 2030.

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

Rosa hybrid

ROSE

‘Pouldiram’^Φ

Application No: 2004/183

Applicant: **Poulsen Roser A/S**

Certificate No: 3989 Expiry Date: 24 March, 2030.

Agent: **Griffith Hack**, Perth, WA.

‘Poulhi008’^Φ

Application No: 2004/305

Applicant: **Poulsen Roser A/S**

Certificate No: 3988 Expiry Date: 24 March, 2030.

Agent: **Griffith Hack**, Perth, WA

‘Poulra022’^Φ

Application No: 2005/335

Applicant: **Poulsen Roser A/S**

Certificate No: 3987 Expiry Date: 24 March, 2030.

Agent: **Griffith Hack**, Perth, WA.

‘Poulhi019’^ϕ

Application No: 2006/139
Applicant: **Poulsen Roser A/S**
Certificate No: 3986 Expiry Date: 24 March, 2030.
Agent: **Griffith Hack**, Perth, WA.

Triticum aestivum

WHEAT

‘Sunvex’^ϕ

Application No: 2007/174
Applicant: **The University of Sydney**, Camperdown, NSW and **Grain Research and Development Corporation (GRDC)**, Barton, ACT,
Certificate No: 3994 Expiry Date: 30 March, 2030.
Agent: **Australian Grain Technologies**, Adelaide, SA.

xTriticosecale

TRITICALE

‘Tobruk’^ϕ

Application No: 2008/044
Applicant: **University of Sydney**, Camperdown, NSW.
Certificate No: 3972 Expiry Date: 2 March, 2030.

‘Endeavour’^ϕ

Application No: 2008/043
Applicant: **University of Sydney**, Camperdown, NSW.
Certificate No: 3971 Expiry Date: 2 March, 2030.

Vitis vinifera

GRAPE

‘Pink-Diamond Seedless’^ϕ

Application No: 2008/362
Applicant: **David Buselich**, Herne Hill, WA.
Certificate No: 3968 Expiry Date: 24 February, 2035

Waterhousea floribunda

WEEPING LILLY PILLY

'DOW20'^Φ

Application No: 2005/289

Applicant: **Downes Wholesale Nursery Pty Ltd**

Certificate No: 3982 Expiry Date: 10 March, 2035.

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

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|-----------------------------|------------------|--|------------------------|--------------|------------|
| | | | | | |
| Denomination Changed | | | | | |
| | | | | | |
| Application No. | Genus | Species | Common Name | Changed From | Changed To |
| 2008/236 | <i>Triticum</i> | <i>aestivum</i> | Wheat | Preston | Craw 128 |
| 2009/209 | <i>Trifolium</i> | <i>subterranean</i> var. <i>subterraneum</i> | Subterranean clover | SL027 | Rosabrook |

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Assignment of Rights

| App. No. | Genus | Species | Variety | Common Name | Changed From | Changed To |
|-----------------|----------------------|--------------------------------|-----------------|-------------------------|------------------------|--|
| 1995/205 | <i>Allocasuarina</i> | <i>littoralis</i> | Matuka Silver | Casuarina | Penelope Sinclair | Peter Kerridge |
| 2006/298 | <i>Syzygium</i> | <i>smithii</i> | Sunrise | Lilly Pilly | Wedderlie Pty Ltd | Eightya Pty Limited |
| 2006/297 | <i>Syzygium</i> | <i>smithii</i> | Cherry Surprise | Lilly Pilly | Wedderlie Pty Ltd | Eightya Pty Limited |
| 2000/321 | <i>stenocarpus</i> | <i>sp</i> | Forest Lace | Tully River stenocarpus | Yuruga Nursery Pty Ltd | Peter David Radke and Ann Beatrice Radke |
| 2000/322 | <i>stenocarpus</i> | <i>sp</i> | Forest Gem | Tully River stenocarpus | Yuruga Nursery Pty Ltd | Peter David Radke and Ann Beatrice Radke |
| 2008/263 | <i>Grevillea</i> | <i>alpina x rosmarinifolia</i> | Charlie's Angel | Grevillea | Austraflora Pty Ltd | Mansfields Austraflora Holdings Pty Ltd. |
| 2007/123 | <i>Grevillea</i> | <i>rosmarinifolia x alpina</i> | Entrée | <i>Grevillea</i> | Bill Molyneux | Mansfields Austraflora Holdings Pty Ltd. |
| 2005/011 | <i>Banksia</i> | <i>spinulosa</i> | Cherry Candles | Hairpin Banksia | Bill Molyneux | Mansfields Austraflora Holdings Pty Ltd. |
| 2003/136 | <i>Grevillea</i> | <i>rosmarinifolia</i> | RP 03 | Rosemary Grevillea | Bill Molyneux | Mansfields Austraflora Holdings Pty Ltd. |
| 1993/393 | <i>Acacia</i> | <i>cognata</i> | UY3 | Bower Wattle | Austraflora Pty Ltd | Mansfields Austraflora Holdings Pty Ltd. |
| 1999/343 | <i>Acacia</i> | <i>cognata</i> | UY2 | Bower Wattle | Austraflora Pty Ltd | Mansfields Austraflora Holdings Pty Ltd. |
| 1997/289 | <i>Leptospermum</i> | <i>liversidgei</i> | BY11 | Tea Tree | Austraflora Pty Ltd | Mansfields Austraflora Holdings Pty Ltd. |
| 1997/262 | <i>Grevillea</i> | hybrid | VJ 62 | Grevillea | Austraflora Pty Ltd | Mansfields Austraflora Holdings Pty Ltd. |
| 1992/186 | <i>Hardenbergia</i> | <i>violacea</i> | FREE `N' EASY | False Sarsparilla | Austraflora Pty Ltd | Mansfields Austraflora Holdings Pty Ltd. |

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|-------------------|---------------------|------------------|----------------|--------------------------|----------------------------|
| | | | | | |
| Change of Agent | | | | | |
| Application No. | Genus | Species | Variety | Changed From | Changed To |
| 2006/034 | <i>Citrullus</i> | <i>lanatus</i> | Side Kick | VF Solutions | Clause Pacific |
| 2003/124 | <i>Zantedeschia</i> | <i>spp.</i> | Hot Chocolate | Great Southern Ltd | Brian Krull |
| 2007/114 | <i>Zantedeschia</i> | hybrid | Merlot BLZ | Great Southern Ltd | Brian Krull |
| 2007/112 | <i>Zantedeschia</i> | hybrid | Hot Cherry BLZ | Great Southern Ltd | Brian Krull |
| 2007/141 | <i>Zantedeschia</i> | <i>spp.</i> | Rosa BLZ | Great Southern Ltd | Brian Krull |
| 2003/027 | <i>Ophiopogon</i> | <i>japonicus</i> | Sliverededge | Ornatec Pty Ltd | Ozbreed Pty Ltd |
| 2007/146 | <i>Chlorophytum</i> | <i>comosum</i> | Ocean | Ramms Botanicals Pty Ltd | Koning Smit IPR S.A. |
| 2001/241 | <i>Anthurium</i> | hybrid | Atwelve | Ramms Botanicals Pty Ltd | Oasis Horticulture Pty Ltd |

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|-------------------------------|---------------|--|------------------|---------------------|---|
| | | | | | |
| | | | | | |
| Nomination of an Agent | | | | | |
| Application No. | Genus | Species | Variety | Changed From | Changed To |
| 2005/244 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Burnectfourteen | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/190 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Burnectfour | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/243 | <i>Prunus</i> | <i>persica</i> var. <i>nucipersica</i> | Burnectseven | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/188 | <i>Prunus</i> | <i>persica</i> | Burpeachseven | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/307 | <i>Prunus</i> | <i>persica</i> | Burpeachthree | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/306 | <i>Prunus</i> | <i>persica</i> | Burpeachtwo | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/308 | <i>Prunus</i> | <i>persica</i> | Burpeachfour | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/194 | <i>Prunus</i> | <i>persica</i> | Burauspchtwo | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/238 | <i>Prunus</i> | <i>persica</i> | Burpeachtwelve | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/239 | <i>Prunus</i> | <i>persica</i> | Burauspchfive | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/234 | <i>Prunus</i> | <i>persica</i> | Burpeachfourteen | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/236 | <i>Prunus</i> | <i>persica</i> | Burpeachfifteen | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |

| | | | | | |
|----------|---------------|----------------|------------------|---------------|---|
| 2004/310 | <i>Prunus</i> | <i>persica</i> | Burpeachsix | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2004/309 | <i>Prunus</i> | <i>persica</i> | Burpeachfive | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2005/237 | <i>Prunus</i> | <i>persica</i> | Burpeachthirteen | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |
| 2008/023 | <i>Prunus</i> | <i>persica</i> | Burpeachnineten | Jempi Pty Ltd | Davies Collison Cave Patent & Trade Mark Attorney |

| |
|-------------------|
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|-------------------|

WITHDRAWN

The following varieties are no longer under PBR provisional protection

| App. No. | Genus | Species | Common Name | Variety |
|----------|----------------------|---------------------|---------------------------|----------------|
| 2008/035 | <i>Verbena</i> | <i>xhybrida</i> | Garden Verbena | Cobbitty Red |
| 2008/036 | <i>Verbena</i> | <i>xhybrida</i> | Garden Verbena | Cobbitty Pink |
| 2009/060 | <i>Dianthus</i> | <i>x allwoodii</i> | Pinks | WP05 ENID |
| 2006/166 | <i>Prunus</i> | <i>armeniaca</i> | Apricot | Suapriten |
| 2004/754 | <i>Prunus</i> | <i>salicina</i> | Japanese Plum | Sir George |
| 2005/018 | <i>Rosa</i> | <i>hybrid</i> | Rose | Poulac006 |
| 2001/087 | <i>Campanula</i> | <i>Carpatica</i> | Tufted Bell Flower | Blue Ball |
| 2008/234 | <i>Impatiens</i> | <i>hybrid</i> | New Guinea Impatiens | Nijuce |
| 2008/276 | <i>Lamium</i> | <i>maculatum</i> | Spotted deadnettle | Snow 'n' Frost |
| 2005/277 | <i>Prunus</i> | <i>persica</i> | Peach | New Dimension |
| 2006/286 | <i>Lotus</i> | <i>corniculatus</i> | Birdsfoot Trefoil | Venture |
| 2007/227 | <i>Anigozanthos</i> | <i>hybrid</i> | Kangaroo Paw | Lime Velvet |
| 2008/081 | <i>Solanum</i> | <i>tuberosum</i> | Potato | VOYAGER |
| 2008/346 | <i>Kniphofia</i> | <i>uvaria</i> | Hot Pokers and Torch Lily | Knipoker |
| 2006/128 | <i>Spathiphyllum</i> | <i>hybrid</i> | Peace Lily | Power Petite |
| 2008/218 | <i>Arctotis</i> | <i>hybrid</i> | African Daisy | Arcmist |
| 2008/219 | <i>Arctotis</i> | <i>hybrid</i> | African Daisy | Arcdawn |
| 2008/220 | <i>Arctotis</i> | <i>hybrid</i> | African Daisy | Arcsunset |
| 2008/122 | <i>Brachyscome</i> | <i>hybrid</i> | Brachyscome | Ramboisla |
| 2009/358 | <i>Phaseolus</i> | <i>vulgaris</i> | Navy Bean | KONZA |
| 2009/359 | <i>Phaseolus</i> | <i>vulgaris</i> | Navy Bean | SERENGETI |
| 2006/128 | <i>Spathiphyllum</i> | <i>hybrid</i> | Peace Lily | Power Petite |
| 2008/125 | <i>Brachyscome</i> | <i>hybrid</i> | Brachyscome | Rambotide |
| 2009/277 | <i>Gossypium</i> | <i>hirsutum</i> | Cotton | DP 210 BRF |
| 2005/017 | <i>Rosa</i> | <i>hybrid</i> | Rose | Poulac002 |

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Grants Surrendered

The following varieties are no longer under PBR protection

| App. No. | Genus | Species | Variety | Synonym | Common Name |
|-----------------|----------------------|----------------------------|--------------------|------------------|--------------------|
| 1992/067 | <i>Pisum</i> | <i>sativum</i> | JUPITER | | Field Pea |
| 1993/247 | <i>Lavandula</i> | <i>stoechas</i> | MARSHWOOD | | Italian Lavender |
| 1995/166 | <i>Lolium</i> | <i>hybrid</i> | MAVERICK GOLD | | Hybrid ryegrass |
| 1996/102 | <i>Gypsophila</i> | <i>paniculata</i> | DANGYHAPPY | HAPPY FESTIVAL | Baby's Breath |
| 1996/250 | <i>Triticum</i> | <i>aestivum</i> | CARNAMAH | | Wheat |
| 1996/284 | <i>Solanum</i> | <i>tuberosum</i> | Goldstar | | Potato |
| 1997/059 | <i>Solanum</i> | <i>tuberosum</i> | Celeste | | Potato |
| 1997/167 | <i>Eragrostis</i> | <i>elongata</i> | Elvera | | Lovegrass |
| 1997/190 | <i>Argyranthemum</i> | <i>frutescens</i> | Summer Melody | | Marguerite Daisy |
| 1997/251 | <i>Alstroemeria</i> | <i>hybrid</i> | Staprilan | Angela | Peruvian Lily |
| 1998/202 | <i>Leptospermum</i> | <i>laevigatum</i> | Beach Baby | | Tea Tree |
| 1999/268 | <i>Grevillea</i> | <i>hybrid</i> | Coastal Sunset | | Grevillea |
| 1999/269 | <i>Grevillea</i> | <i>hybrid</i> | Coastal Dawn | | Grevillea |
| 1999/333 | <i>Triticum</i> | <i>aestivum</i> | Mira | | Wheat |
| 2000/007 | <i>Grevillea</i> | <i>hybrid</i> | Coastal Twilight | | Grevillea |
| 2000/266 | <i>Brassica</i> | <i>napus var. oleifera</i> | AG Outback | | Canola |
| 2001/134 | <i>Aglaonema</i> | <i>hybrid</i> | Glory of India | | Aglaonema |
| 2001/135 | <i>Aglaonema</i> | <i>hybrid</i> | Star of India | | Aglaonema |
| 2001/136 | <i>Brassica</i> | <i>napus var. oleifera</i> | ATR Beacon | | Canola |
| 2001/331 | <i>Fuchsia</i> | <i>hybrid</i> | Goetzgene | | Fuchsia |
| 2001/332 | <i>Fuchsia</i> | <i>hybrid</i> | Goetzginger | | Fuchsia |
| 2001/333 | <i>Fuchsia</i> | <i>hybrid</i> | Marcia | | Fuchsia |
| 2001/334 | <i>Fuchsia</i> | <i>hybrid</i> | Shirley | | Fuchsia |
| 2002/041 | <i>Lilium</i> | <i>hybrid</i> | DORDOGNE | VLETDOR | Lily |
| 2002/090 | <i>Brassica</i> | <i>napus</i> | AV-Sapphire | | Canola |
| 2002/177 | <i>Alstroemeria</i> | <i>hybrid</i> | Zanvelvet | | Peruvian Lily |
| 2002/270 | <i>Rosa</i> | <i>hybrid</i> | Intertrojaan | | Rose |
| 2002/272 | <i>Rosa</i> | <i>hybrid</i> | Intertrodan | Snowdance | Rose |
| 2003/015 | <i>Rosa</i> | <i>hybrid</i> | Kribicar | | Rose |
| 2003/037 | <i>Cotinus</i> | <i>coggygria</i> | Ancot | Golden Spirit | Smoke Tree |
| 2003/118 | <i>Brassica</i> | <i>napus</i> | ATR-Stubby | | Canola |
| 2003/119 | <i>Brassica</i> | <i>napus</i> | AG-Spectrum | | Canola |
| 2003/287 | <i>Rosa</i> | <i>hybrid</i> | TAN99311 | | Rose |
| 2004/134 | <i>Grevillea</i> | <i>hybrid</i> | Coastal Prestige | | Grevillea |
| 2004/231 | <i>Grevillea</i> | <i>hybrid</i> | Coastal Impressive | | Grevillea |
| 2004/232 | <i>Grevillea</i> | <i>hybrid</i> | Coastal Glimpse | | Grevillea |
| 2005/065 | <i>Rosa</i> | <i>hybrid</i> | Ruiz3531 | | Rose |
| 2005/105 | <i>Calibrachoa</i> | <i>hybrid</i> | USCALI 14 | | Calibrachoa |
| 2005/108 | <i>Petunia</i> | <i>hybrid</i> | Constraw | Strawberry Frost | Petunia |
| 2005/109 | <i>Petunia</i> | <i>hybrid</i> | Conblue | Blueberry Frost | Petunia |
| 2005/112 | <i>Triticum</i> | <i>aestivum</i> | Odiel | | Wheat |
| 2005/222 | <i>Argyranthemum</i> | <i>hybrid</i> | OHMADSANT | Santana | Marguerite Daisy |
| 2006/116 | <i>Rosa</i> | <i>hybrid</i> | Grandcremdela | | Rose |
| 2006/222 | <i>Agonis</i> | <i>flexuosa</i> | Jedda's Dream | | Willow Myrtle |
| 2008/125 | <i>Brachyscome</i> | <i>hybrid</i> | Rambotide | Pacific Tide | Brachyscome |

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Grants Expired

The following varieties are no longer under PBR protection:

| App. No. | Genus | Species | Common Name | Variety |
|-----------------|--------------|---------------------|--------------------|----------------|
| 1990/005 | Phalaris | <i>Aquatica</i> | | Holdfast |
| 1990/021 | Bothriochloa | <i>Insculpta</i> | | Bisset |
| 1990/027 | Rosa | <i>Hybrida</i> | | Stebigpu |
| 1990/033 | Rosa | <i>Hybrida</i> | | Tanschaubud |
| 1990/034 | Rosa | <i>Hybrida</i> | | Cocdestin |
| 1990/036 | Euphorbia | <i>Milii hybrid</i> | | Stiloga |
| 1990/037 | Euphorbia | <i>Milii hybrid</i> | | Stigaro |
| 1990/038 | Euphorbia | <i>Milii hybrid</i> | | Stirot |

Corrigenda

CAMELIA

Camellia sasanqua

'Parsarah'

Application No: 2003/069

In PVJ 22.2, the 'conditions' section should read: Trials were conducted at Paradise Plants, Kulnura, NSW between Dec 1999 & May 2003.

Dietes

Dietes robinsoniana

RB1

Application No: 2008/212

In the statistical table of the detailed description published in PVJ 21(4) the leaf blade: length should read as cm instead of mm.

Choke Cherry

Prunus virginiana

PurpleJewel

Application 2008/017

In the comparative table of the detailed description published in PVJ 22(2), claim of distinctness for the following characteristics have been removed because of overlapping state of expression:

Leaf: width of blade

Flower: Pedicel length

Inflorescence: length (including peduncle)

Rose

Rosa hybrid

POULbambe

Appliacion No: 2003/348

In the Origin and Breeding section of the detailed description published in PVJ 22(2), the parent name should read as seed parent 'Poulurt' x pollen parent 'Poultrav'.

Rose

Rosa hybrid

POULAC017

Application No: 2006/140

In the comparative table of the detailed description published in PVJ 22(2), claim of distinctness for prickles: presence characteristic has been removed due to lacking of further evidence.

Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 23 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 | Granger, Andrew Swinburn, Garth |
| Alstroemeria | Paananen, Ian |
| Ajuga | Paananen, Ian |
| Apple | Buchanan, Peter Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce |

| | |
|-------------------------------|---|
| Anigozanthos | Paananen, Ian Kirby, Greg Smith, Daniel |
| Anthurium | Paananen, Ian |
| Aroid | Harrison, Peter |
| Avocado | Lye, Colin Edwards, Arthur MacGregor, Alison Owen-Turner, John Parr, Wayne Swinburn, Garth Whiley, Tony |
| Azalea | Barrett, Mike Hempel, Maciej Paananen, Ian |
| Barley (Common) | Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James |
| Berry Fruit | Darmody, Liz Fleming, Graham Greer, Neil Scholefield, Peter Zorin, Margaret |
| Blackberry (<i>Rubus</i> sp) | Paananen, Ian |
| Blandfordia | Treverrow, Florence |
| Blueberry | Paananen, Ian Scalzo, Jessica Zorin, Margaret |
| Bougainvillea | Iredell, Janet Willa Prince, John |
| Brachyscome | Paananen, Ian |

Brassica

Bannan, Nathaniel
 Chequer, Robert
 Cooper, Kath
 Downes, Ross
 Easton, Andrew
 Fennell, John
 Gororo, Nelson
 Johnston, Evan
 Kadkol, Gururaj
 Laker, Richard
 Light, Kate
 McMichael, Prue
 O'Connell Peter
 Rhodes, Phil
 Rudolph, Paul
 Sanders, Milton
 Saunders, James
 Scholefield, Peter
 Mouwen, Heidi
 Watson, Brigid
 Zadow, Diane

Brunia Dunstone, Bob

Buddleia Robb, John
Paananen, Ian

Buffalo Grass Paananen, Ian

Calibrachoa Paananen, Ian

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

Carnation/Dianthus Paananen, Ian

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|---------------|---|
| Cereals | Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Johnston, Evan Khan, Akram Mitchell, Leslie Moore, Stephen Oates, John Platz, Greg Porter, Richard Poulsen, David Rhodes, Phil Roake, Jeremy Rogers, Clinton Rose, John Saunders, James Scattini, Walter John Siedel, John Watson, Brigid Wilson, Frances |
| Cherry | Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Mackay, Alastair Mitchell, Leslie Pumpa, Lucy Scholefield, Peter |
| Chickpeas | Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James |
| Chrysanthemum | Paananen, Ian |
| Citrus | Calabria, Patrick Chalmers, Yasmin Michelle Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Scholefield, Peter Swinburn, Garth Sykes, Stephen Topp, Bruce |
| Clivia | Smith, Kenneth |

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|------------------|--|
| Clover | Bannan, Nathaniel Downes, Ross James, Jennifer Johnston, Evan Lake, Andrew Miller, Jeff Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James Watson, Brigid |
| Cotton | Khan, Akram Leske, Richard |
| Cucurbits | Herrington, Mark McMichael, Prue O'Connell Peter Rhodes, Phil Scholefield, Peter Sykes, Stephen |
| Desmanthus | Brennan, Paul |
| Dianella | Paananen, Ian |
| Dogwood | Darmody, Liz Fleming, Graham |
| Echinacea | Paananen, Ian |
| Eucalyptus | Paananen, Ian |
| Euphorbia | Paananen, Ian |
| Feijoa | Parr, Wayne Scholefield, Peter |
| Fibre Crops | Gillespie, David Khan, Akram |
| Fig | Darmody, Liz Fleming, Graham Parr, Wayne |
| Flower Bulbs | Verdegaal, John |
| Forage Brassicas | Goulden, David Rhodes, Phil Saunders, James |

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|----------------|---|
| Forage Grasses | Bannan, Nathaniel Downes, Ross Fennell, John Harrison, Peter Johnston, Evan Kirby, Greg Mitchell, Leslie Rhodes, Phil Smith, Kevin Watson, Brigid |
| Forage Legumes | Downes, Ross Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Miller, Jeff Porter, Richard Rhodes, Phil Saunders, James Siedel, John |
| Fruit | Brown, Gordon Cramond, Gregory Darmody, Liz Delaporte, Kate Fleming, Graham Gillespie, David Granger, Andrew Kennedy, Peter Lenoir, Roland McCarthy, Alec Mitchell, Leslie Paananen, Ian Parr, Wayne Portman, Sian Pumpa, Lucy Schapel, Amanda Scholefield, Peter |
| Fuchsia | Paananen, Ian |
| Gerbera | Paananen, Ian |
| Ginger | Smith, Mike Whiley, Tony |

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|---------------------------|--|
| Grape | Burne, Peter Chalmers, Yasmin Michelle 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 |
| 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 |

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| Legumes | Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Imrie, Bruce Kirby, Greg Khan, Akram Knights, Edmund Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John |
| Lentils | Collins, David Downes, Ross Goulden, David Khan, Akram Porter, Richard Rhodes, Phil Saunders, James |
| Lilium | Paananen, Ian |
| Liriope | Paananen, Ian |
| Lettuce | O'Connell, Peter |
| Lomandra | Paananen, Ian |
| Lucerne | Bannan, Nathaniel Downes, Ross Johnston, Evan Lake, Andrew Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James |
| Lupin | Collins, David Sanders, Milton Rhodes, Phil Saunders, James |
| Magnolia | Paananen, Ian |
| Mandevilla | Paananen, Ian |
| Mango | Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony |

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|----------------|---|
| Myrtaceae | Dunstone, Bob |
| Native grasses | Paananen, Ian Quinn, Patrick |
| Oat | Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James |
| Oilseed crops | Downes, Ross Poulsen, David Siedel, John Rhodes, Phil Saunders, James |
| Olives | Bazzani, Mr Luigi Granger, Andrew |
| Onions | Bannan, Nathaniel Fennell, John Khan, Akram Laker, Richard McMichael, Prue O'Connell Peter Scholefield, Peter Rhodes, Phil |

Ornamentals - Exotic

Abell, Peter
Armitage, Paul
Angus, Tim
Barth, Gail
Collins, Ian
Cunneen, Thomas
Darmody, Liz
Delaporte, Kate
Eggleton, Steve
Fisk, Anne Marie
Fleming, Graham
Guy, Gareme
Harrison, Dion
Harrison, Peter
Hempel, Maciej
Johnston, Margaret
Khan, Akram
Lamont, Greg
Larkman, Clive
Lenoir, Roland
Lowe, Greg
Lunghusen, Mark
Marcsik, Doris
McMichael, Prue
Milne, Carolynn
Mitchell, Hamish
Mitchell, Leslie
Oates, John
O'Brien, Shaun
Paananen, Ian
Prescott, Chris
Prince, John
Robb, John
Pumpa, Lucy
Schapel, Amanda
Scholefield, Peter
Singh, Deo
Smith, Ian
Stewart, Angus
Van der Staay,
Rosemaree Anne
Watkins, Phillip
Watkinson, Andrew

Ornamentals - Indigenous

Abell, Peter
 Allen, Paul
 Angus, Tim
 Barrett, Mike
 Barth, Gail
 Cunneen, Thomas
 Delaporte, Kate
 Downes, Ross
 Eggleton, Steve
 Granger, Andrew
 Harrison, Dion
 Harrison, Peter
 Henry, Robert J
 Hockings, David
 Jack, Brian
 Johnston, Margaret
 Kirby, Greg
 Khan, Akram
 Lenoir, Roland
 Lowe, Greg
 Lunghusen, Mark
 McMichael, Prue
 Milne,Carolynn
 Mitchell, Hamish
 Molyneux, W M
 Oates, John
 O'Brien, Shaun
 Paananen, Ian
 Prince, John
 Pumpa, Lucy
 Schapel, Amanda
 Scholefield, Peter
 Singh, Deo
 Slater, Tony
 Smith, Ian
 Tan, Beng
 Watkins, Phillip

 Ornithopus

 Foster, Kevin
 Nichols, Phillip

 Osmanthus

 Paananen, Ian
 Robb, John

 Osteospermum

 Paananen, Ian

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|-----------------|---|
| Pastures & Turf | Anderson, Malcolm Avery, Angela Bannan, Nathaniel Cameron, Stephen Cook, Bruce Downes, Ross Harrison, Peter Kemp, Stuart Kirby, Greg James, Jennifer Loch, Don McMaugh, Peter Miller, Jeff Mitchell, Leslie Neylan, John Paananen, Ian Porter, Richard Rhodes, Phil Rogers, Clinton Rose, John Saunders, James Sewell, James Smith, Raymond Scattini, Walter John Smith, Kevin Wilkes, Gregory Wilson, Frances Zorin, Margaret |
| Peanut | Cruickshank, Alan George, Doug |
| Pear | Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Paananen, Ian Portman, Anthony Richards, Susanna Scholefield, Peter Tancred, Stephen Valentine, Bruce |
| Pelargonium | Paananen, Ian |
| Persimmon | Parr, Wayne Swinburn, Garth |
| Petunia | Paananen, Ian |
| Philodendron | Paananen, Ian |
| Philotheca | Dunstone, Bob |
| Phormium | Paananen, Ian |

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|-------------|---|
| Photinia | Robb, John |
| Pistacia | Richardson, Clive Sykes, Stephen |
| Pisum | Downes, Ross Goulden, David McMichael, Prue Rhodes, Phil Sanders, Milton Saunders, James |
| Potatoes | Delaporte, Kate Fennell, John Friemond, Terry Guertsen, Paul Hill, Jim Johnston, Evan McMichael, Prue O'Connell Peter Pumpa, Lucy Rhodes, Phil Saunders, James Schapel, Amanda Scholefield, Peter Slater, Tony Wilson, Graeme |
| Proteaceae | Barth, Gail Kirby, Neil Paananen, Ian Robb, John Scholefield, Peter |
| Prunus | Buchanan, Peter Calabria, Patrick Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Granger, Andrew Kennedy, Peter Mackay, Alastair Malone, Michael Portman, Anthony Richards, Graeme Richards, Susanna Topp, Bruce Wilkes, Gregory Witherspoon, Jennifer |
| Pulse Crops | Collins, David Downes, Ross Graetz, Darren Oates, John Porter, Richard Poulsen, David Rhodes, Phil Saunders, James |

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|-----------------------------|--|
| Raspberry | Darmody, Liz Fleming, Graham Herrington, Mark Scholefield, Peter Zorin, Margaret |
| Rhododendron | Barrett, Mike Paananen, Ian |
| Rose | Barrett, Mike Darmody, Liz Delaporte, Kate Fleming, Graham Hanger, Brian Lee, Peter McKirdy, Simon Paananen, Ian Prescott, Chris Pumpa, Lucy Schapel, Amanda Scholefield, Peter Swane, Geoff Syrus, A Kim |
| Scaevola | Paananen, Ian |
| Sesame | Bennett, Malcolm Harrison, Peter Imrie, Bruce |
| Sorghum | Khan, Akram |
| Soybean | Harrison, Peter James, Andrew |
| Spathiphyllum | Paananen, Ian |
| Spices and Medicinal Plants | Hoxha, Adriana Khan, Akram |
| Stone Fruit | Barrett, Mike Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter MacGregor, Alison Mackay, Alistair Malone, Michael Scholefield, Peter Swinburn, Garth Valentine, Bruce |

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|-----------------------------|---|
| Strawberry | Herrington, Mark Mitchell, Leslie Morrison, Bruce Scholefield, Peter Zorin, Margaret |
| Sugarcane | Cox, Mike Piperidis, George |
| Sunflower | George, Doug |
| Tomato | Herrington, Mark Khan, Akram Laker, Richard McMichael, Prue O'Connell Peter Rhodes, Phil Scholefield, Peter |
| Tree Crops | McRae, Tony |
| | Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James |
| Tropical/Sub-Tropical Crops | Fittler, Michael Harrison, Peter Kulkarni, Vinod Parr, Wayne Scholefield, Peter Whiley, Tony |
| Umbrella Tree | Paananen, Ian |
| Vegetables | Bannan, Nathaniel Delaporte, Kate Fennell, John Frkovic, Edward Gillespie, David Harrison, Peter Hoxha, Adriana Khan, Akram Laker, Richard Lenoir, Roland MacGregor, Alison McMichael, Prue Oates, John O'Connor, Lauren Pearson, Craig Pumpa, Lucy Rhodes, Phil Schapel, Amanda Scholefield, Peter Westra Van Holthe, Jan |
| Verbena | Paananen, Ian |

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|---------------------------------|---|
| Walnut | Mitchell, Leslie |
| <hr/> | |
| 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 |
| <hr/> | |
| Zantedeschia | Paananen, Ian |
| <hr/> | |

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 |
| Cox, Mike | 07 4132 5200 07 4132 5253 fax | Queensland and NSW |
| Cramond, Gregory | 08 8390 0299 08 8390 0033 fax 0417 842 558 mobile | Australia |
| Cruickshank, Alan | 07 4160 0722 07 4162 3238 fax | QLD |

| | | |
|---------------------------------|--|----------------------------------|
| Cunneen, Thomas | 02 4889 8647 02 4889 8657 fax | Sydney Region |
| Darmody, Liz | 03 9756 6105 03 9752 0005 fax | Australia |
| Delaporte, Kate | 08 8373 2488 08 8373 2442 fax 0427 394 240 mobile | South Australia |
| Downes, Ross | 02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile | ACT, South East Australia |
| Dunstone, Bob Easton, Andrew | 02 6281 1754 ph/fax 07 4690 2666 07 4630 1063 fax | South East NSW QLD and NSW |
| Edwards, Arthur | 08 8586 1232 08 8595 1394 fax 0409 609 300 mobile | SE Australia |
| Eggleton, Steve | 03 9876 1097 03 9876 1696 fax | Melbourne Region |
| Engel, Richard | 08 9397 5941 08 9397 5941 fax | WA |
| Fennell, John | 08 8369 8840 08 8389 8899 fax 0401 121 891 mobile | Australia |
| Farquhar, Wayne | 08 85657000 08 85657011 fax | South Australia |
| Fittler, Michael | 02 6773 2522 02 6773 3238 | NSW |
| Fleming, Graham | 03 9756 6105 03 9752 0005 fax | Australia |
| Friemond, Terry | 08 9203 6720 08 9203 6720 fax 0438 915 811 mobile | Western Australia |
| Foster, Kevin | 08 9368 3804 08 9474 2840 fax | Mediterranean areas of Australia |
| Frkovic, Edward | 02 6962 7333 02 6964 1311 fax | Australia |
| George, Doug | 07 5460 1308 07 5460 1112 fax | Australia |
| Gillespie, David | 07 4155 6344 07 4155 6656 fax | Wide Bay Burnett District, QLD |
| Gororo, Nelson | 03 5382 5911 03 5382 5755 fax 0428 534 770 mobile | Mediterranean areas of Australia |
| Goulden, David | 64 3 325 6400 64 3 325 2074 fax | New Zealand |
| Graetz, Darren | 08 8303 9362 08 8303 9424 fax | South Australia |
| Granger, Andrew | 08 8389 8809 08 8389 8899 fax | South Australia |
| Greer, Neil | 07 5441 1118 07 5476 0098 fax 0418 881 755 mobile | Australia |
| Guertsen, Paul | 02 6845 3789 02 6845 3382 fax 0407 658 105 mobile | NSW, VIC, SE QLD |
| Hanger, Brian | 03 9837 5547 ph/fax 0418 598106 mobile | Victoria |
| Hare, Ray | 02 6763 1232 02 6763 1222 fax | QLD, NSW VIC & SA |

| | | |
|----------------------|--|--|
| Harrison, Dion | 07 5460 1313 | south east QLD and northern NSW |
| Harrison, Peter | 07 5460 1283 fax 08 8948 1894 ph 08 8948 3894 fax 0407 034 083 mobile | Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas |
| Hempel, Maciej | 02 4628 0376 02 4625 2293 fax | NSW, QLD, VIC, SA |
| Henry, Robert J | 02 6620 3010 02 6622 2080 fax | Australia |
| Herrington, Mark | 07 5441 2211 07 5441 2235 fax | Southern Queensland |
| Hill, Jeff | 08 8303 9487 08 8303 9607 fax | South Australia |
| Hill, Jim | 03 6428 2519 03 6428 2049 fax 0428 262 765 mobile | Australia |
| Hockings, David | 07 5494 3385 ph/fax | Southern Queensland |
| Hoxha, Adriana | 02 9351 8813 0427 507 621 mobile/fax | NSW |
| Imrie, Bruce | 02 4474 0951 02 4474 0952 imriesc@sci.net.au | SE Australia |
| Iredell, Janet Willa | 07 3202 6351 ph/fax | SE Queensland |
| Jack, Brian | 08 9952 5040 08 9952 5053 fax | South West WA |
| James, Andrew | 07 3214 2278 07 3214 2272 fax | Australia |
| James, Jennifer | +64 6 3518214 | Manawatu Region, New Zealand |
| Johnston, Evan | 64 3358 1745 0214 417 13 mobile | Canterbury, New Zealand |
| Johnston, Margaret | 07 5460 1240 07 5460 1455 fax | SE Queensland |
| Kadkol, Gururaj | 03 5382 1269 03 5381 1210 fax | North Western Victoria |
| Kemp, Stuart | 03 8390 8150 0437 278 873 mobile | SE Australia |
| Kennedy, Peter | 02 6382 7600 02 6382 2228 fax | New South Wales |
| Khan, Akram | 02 9351 8821 02 9351 8875 fax | New South Wales |
| Kirby, Greg | 08 8201 2176 08 8201 3015 fax | South Australia |
| Kirby, Neil | 02 4754 2637 02 4754 2640 fax | New South Wales |
| Knights, Edmund | 02 6763 1100 02 6763 1222 fax | North Western NSW |
| Kulkarni, Vinod | 08 8945 2942 0412 681 800 mobile | Australia |
| Lake, Andrew | 08 8177 0558 0418 818 798 mobile lake@arcom.com.au | SE Australia |
| Laker, Richard | 08 87258987 08 8723 0142 fax 0417 855 592 mobile | Australia |
| Lamont, Greg | 02 8778 5388 02 9734 9866 fax | Sydney region |
| Langford, Garry | 03 6266 4344 03 6266 4023 fax 0418 312 910 mobile | Australia |

| | | |
|-------------------|---|--|
| Larkman, Clive | 03 9735 3831 03 9739 6370 larkman@tpgi.com.au | Victoria |
| Lee, Peter | 03 6330 1147 03 6330 1927 fax | SE Australia |
| Lee, Slade | 02 6620 3410 02 6622 2080 fax | Queensland/Northern New South Wales |
| Lenoir, Roland | 02 6231 9063 ph/fax | Australia |
| Leske, Richard | 07 4671 3136 07 4671 3113 fax | Cotton growing regions of QLD & NSW |
| Light, Kate | 03 5362 2175 0419 145 768 mobile | Victoria |
| Loch, Don | 07 3286 1488 07 3286 3094 fax | Queensland |
| Lowe, Greg | 02 4389 8750 02 4389 4958 fax 0411 327390 mobile | Sydney, Central Coast NSW |
| Lunghusen, Mark | 03 5998 2083 03 5998 2089 fax 0407 050 133 mobile | Melbourne & environs |
| Lye, Colin | 07 4671 0044 07 4671 0066 fax 0427 786 668 mobile | NT, QLD and NSW |
| MacGregor, Alison | 03 5023 4644 0419 229 713 mobile | Southern Australia – Murray Valley Region |
| Mackay, Alastair | 08 9310 5342 ph/fax 0159 87221 mobile | Western Australia |
| McMaugh, Peter | 02 9872 7833 02 9872 7855 fax | Australia |
| Malone, Michael | +64 6 877 8196 +64 6 877 4761 fax | New Zealand |
| Marcsik, Doris | 08 8999 2017 08 8999 2049 | Northern Territory and Queensland |
| McCarthy, Alec | 08 9780 6273 08 9780 6136 fax | South West WA |
| McKirdy, Simon | 042 163 8229 mobile | Australia |
| McMichael, Prue | 08 8373 2488 08 8373 2442 fax | SE Australia |
| McRae, Tony | 08 8723 0688 08 8723 0660 fax | Australia |
| Miller, Jeff | 64 6 356 8019 extn 8027 64 3 351 8142 fax | Manawatu region, New Zealand |
| Milne,Carolynn | 07 3206 3509 | QLD |
| Mitchell, Hamish | 03 9737 9568 03 9737 9899 fax | Victoria |
| Mitchell, Leslie | 03 5821 2021 03 5831 1592 fax | VIC, Southern NSW |
| Molyneux, William | 03 5965 2011 03 5965 2033 fax | Victoria |
| Moore, Stephen | 02 6799 2230 02 6799 2239 fax | NSW |
| Morrison, Bruce | 03 9210 9251 03 9800 3521 fax | East of Melbourne |
| Mouwen, Heidi | 07 4690 2666 07 4630 1063 | QLD, NSW |
| Neylan, John | 03 9886 6200 0413 620 256 mobile | VIC, NSW, SA |
| Nichols, Phillip | 08 9387 7442 08 9383 9907 fax | Western Australia |

| | | |
|-------------------|---|---|
| Oates, John | 02 4473 8465 | Sydney region, Eastern Australia |
| O'Brien, Shaun | 07 5442 3055 07 5442 3044 fax 0407 584 417 mobile | SE Queensland |
| O'Connell, Peter | 02 9403 0787 02 9402 6664 fax 0488 233 704 mobile | VIC, NSW, QLD |
| O'Connor, Lauren | 07 3359 3113 0418 510 480 mobile | Australia |
| Owen-Turner, John | 07 4129 5217 07 4129 5511 fax | Burnett region, Central Queensland region |
| Paananen, Ian | 02 4381 0051 02 8569 1896 fax 0412 826 589 mobile | Australia (based in Sydney) and New Zealand |
| Parr, Wayne | 07 4129 4147 07 4129 4463 fax | QLD, Northern NSW |
| Piperidis, George | 07 3331 3373 07 3871 0383 fax | QLD, Northern NSW |
| Platz, Greg | 07 4639 8817 07 4639 8800 fax | QLD, Northern NSW |
| Porter, Richard | 08 8431 5396 08 8431 5396 fax 0413 270 670 mobile | Adelaide region, South Australia |
| Portman, Anthony | 08 9274 5355 08 9250 1859 fax | South-west Western Australia |
| Portman, Sian | 08 9725 0660 0421 606 651 mobile | Western Australia |
| Poulsen, David | 07 4661 2944 07 4661 5257 fax | SE QLD, Northern NSW |
| Prescott, Chris | 03 5998 5100 03 5998 5333 0417 340 558 mobile | Victoria |
| Prince, John | 07 5533 0211 07 5533 0488 fax | SE QLD |
| Pumpa, Lucy | 08 8373 2488 08 8373 2422 fax 0400 041 881 mobile | South Australia |
| Quinn, Patrick | 03 5427 0485 | SE Australia |
| Richards, Graeme | 02 4570 1358 02 4570 1314 fax 0405 178 211 mobile | Australia |
| Richards, Susanna | 03 5833 5235 03 5833 5299 fax 0429 674 606 mobile | SE Australia |
| Richardson, Clive | 03 51550255 | Victoria |
| Rhodes, Phil | 64 3322 5405 0211 862 422 mobile phil@epr.co.nz | New Zealand |
| Roake, Jeremy | 02 9351 8830 02 9351 8875 fax | Sydney Region |
| Robb, John | 02 4376 1330 02 4376 1271 fax 0199 19252 mobile | Sydney, Central Coast NSW |
| Rogers, Clinton | 03 8318 9016 03 8318 9001 fax 0448 160 660 mobile | Australia |
| Rose, John | 07 4661 2944 07 4661 5257 fax | SE Queensland |

| | | |
|-------------------------------|---|--|
| Rudolph, Paul | 03 5381 2168 03 5381 1210 fax 0438 083 840 mobile | Victoria |
| Saunders, James | 03 8318 9016 03 8318 9002 fax 0408 037 801 mobile | Australia |
| Sanders, Milton | 08 9825 8087 08 9387 4388 fax 0427 031 951 mobile | Southern Australia: WA, Vic, NSW, SA |
| Sewell, James | 03 5334 7871 0403 546 811 mobile | Southern Australia |
| Scalzo, Jessica | +64 6975 8908 2122 689 08 mobile | New Zealand and Australia |
| Scattini, Walter | 07 3356 0863 ph/fax | Tropical and sub-tropical Australia |
| Schapel, Amanda | 08 8373 2488 0408 344 843 mobile | South Australia |
| Scholefield, Peter | 08 8373 2488 08 8373 2442 fax 018 082022 mobile | SE Australia |
| Singh, Deo | 0418 880787 mobile 07 3207 5998 fax | Brisbane |
| Slater, Tony | 03 9210 9222 03 9800 3521 fax 0408 656 021 mobile | SE Australia |
| Smith, Kenneth | 02 4570 9069 | Australia |
| Smith, Kevin | 03 5573 0900 03 5571 1523 fax | SE Australia |
| Smith, Mike | 07 5444 9630 | SE Queensland |
| Smith, Stuart | 03 6336 5234 03 6334 4961 fax | SE Australia |
| Smith, Ian | 03 9720 1751 0407 201 789 | Australia |
| Stewart, Angus | 02 4385 9788ph/fax 0419 632 123 mobile | Sydney, Gosford |
| Swane, Geoff | 02 6889 1545 02 6889 2533 fax 0419 841580 mobile | Central western NSW |
| Swinburn, Garth | 03 5023 4644 03 5023 5814 fax | Murray Valley Region - from Swan Hill (Vic) to Waikere (SA) |
| Sykes, Stephen | 03 5051 3100 03 5051 3111 fax | Victoria |
| Syrus, A Kim | 03 8556 2555 03 8556 2955 fax | Adelaide |
| Tan, Beng | 08 9266 7168 08 9266 2495 | Perth & environs |
| Tancred, Stephen | 07 4681 2931 07 4681 4274 fax 0157 62888 mobile | QLD, NSW |
| Treverrow, Florence | 02 6629 3359 | Australia |
| Topp, Bruce | 07 4681 1255 07 4681 1769 fax | SE QLD, Northern NSW |
| Valentine, Bruce | 02 6361 3919 02 6361 3573 fax | New South Wales |
| Van der Staay, Rosemaree Anne | 03 6248 6863 03 6248 7402 fax | Tasmania |
| Verdegaal, John | 03 6458 3581 03 6458 3581 fax | Australia and New Zealand |

| | | |
|------------------------|---|----------------------------------|
| Watkins, Phillip | 08 9537 1811 08 9537 3589 fax 0416 191 472 mobile | Perth Region |
| Watkinson, Andrew | 07 5445 6654 0409 065 266 mobile | Northern NSW and Southern QLD |
| Watson, Brigid | 03 5688 1058 0429 702 277 mobile | Victoria |
| Westra Van Holthe, Jan | 03 9706 3033 03 9706 3182 fax | Australia |
| Whiley, Tony | 07 5441 5441 | QLD |
| Wilkes, Gregory | 02 4570 1358 02 4570 1314 fax 0418 642 359 mobile | Sydney region |
| Wilson, Frances | 64 3 318 8514 64 3 318 8549 fax | Canterbury, New Zealand |
| Wilson, Graeme | 03 5957 1200 03 5957 1210 fax | SE Australia |
| Zadow, Diane | 03 5382 1269 03 5381 1210 fax | Victoria |
| Zorin, Margaret | 0419 145 763 mobile 07 3207 4306 0418 984 555 | Eastern Australia |

Appendix 4 Index of Accredited Non-Consultant Qualified Persons

| Name |
|-----------------------|
| Armour, David |
| Baelde, Arie |
| Baker, Grant |
| Bally, Ian |
| Bell, David |
| Birchall, Craig |
| Bennett, Kathryn |
| Bernuetz, Andrew |
| Berryman, Pam |
| Box, Amanda Jane |
| Brennan, Paul |
| Brewer, Lester |
| Brindley, Tony |
| Bunker, John |
| Bunker, Kerry |
| Burton, Wayne |
| Buselich, David |
| Cameron, Nick |
| 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 |
| Gurciullo, 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
Katelaris, Andrew
Katz, Mark
Kebblewhite, Tony
Kempff, Stefan
Kennedy, Chris
Kobelt, Eric
Lacey, Kevin
Lawson, Marion
Leddin, Anthony
Lee, Kathryn
Leeks, Conrad
Leighton, A
Leonforte, Antonio
Lewis, Hartley
Loi, Angelo
Lonergan, Paul
Lowe, Russell
Lockett, David
Mack, Ian
Mackie, Julie
Mansfield, Daniel
Mason, Lloyd
Matic, Rade
Matthews, Michael
McCabe, Dominic
McCallum, Lesley
McCredden, John
McDonald, David
Menzies, Kim
Miller, Kylie
Mitchell, Steven
Moss, Ian
Mullins, Kathleen
Mungall, Neil
Myors, Philip
Nathan, Dutschke
Neilson, Peter
Newman, Allen
Noone, Brian
Norriss, Michael
O'Brien, Tim
O'Sullivan, Robert
Palmer, Ross
Paull, Jeff
Pearce, Bob
Peoples, Alan
Porter, Gavin

Potter, Trent
Pressler, Craig
Reeve, Christopher
Reid, Peter
Reinke, Russell
Roche, Matthew
Rose, Ian
Russell, Dougal
Sadeque, Abdus
Sanders, Milton
Sanewski, Garth
Schilg, Karl
Schreuders, Harry
Scott, Ralph
Senior, Michael
Smith, Chris
Smith, Malcolm
Smith, Raymond
Smith, Susan
Snelling, Cath
Snowball, Richard
Song, Leonard
Sounness, Janine
Stiller, Warwick
Stuart, Peter
Sturgess, Eric Percy
Sutton, John
Taylor, Kerry
Todd, Peter
Trigg, Pamela
Trimboli, Daniel
Urwin, Nigel
Vater, Daniel
Vaughan, Peter
Venkatanagappa, Shoba
Venn, Neil
Verdegaal, John
Warner, Bradley
Warren, Andrew
Weatherly, Lilia
Weber, Ryan
Wei, Xianming
Williams, Rex
Williams, Shannon
Wilson, Rob
Wilson, Stephen
Winter, Bruce
Wirthensohn, Michelle
Yan, Guijun
Zeppa, Aldo

APPENDIX 5

ADDRESSES OF UPOV AND MEMBER STATES

International Union for the Protection of New Varieties of Plants (UPOV):

International Union for the Protection of New Varieties of Plants (UPOV)
34, Chemin des Colombettes
CH-1211
Geneva 20
SWITZERLAND

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

Web site: <http://www.upov.int>

List of Addresses of Plant Variety Protection Offices in UPOV Member States

Status of Ratification in UPOV member States is available from UPOV website.

APPENDIX 6

CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$800. This is a saving of nearly 40% over the normal fee of \$1400.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met:

Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

analysed data. These staff will require the authority to ensure timely maintenance of the trial. Where provided by the PBR office, the protocol and technical guidelines for the conduct of the trial must be followed.

Substantial industry support

Normally the establishment will be recognised by a state or national industry society or association. This may include/be replaced by a written commitment from major nurseries or other applicants, who have a history of regularly making applications for PBR in Australia, to use the facility.

Capability for long-term storage of genetic material

Depending upon the genus, a CTC must be in a position to make a long-term commitment to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as a national genetic resource centre in perpetuity will be favoured.

Contract testing for 3rd Parties

Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

Relationship between CTC and 3rd Parties

A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

One trial at a time

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

One CTC per genus

Normally only one CTC will be authorised to test a genus. Special circumstances may exist (environmental factors, quarantine etc) to allow more than one CTC per genus, though a special case will need to be made to the PBR office. More than one CTC maybe allowed for roses.

One CTC may be authorised to test more than one genus.
Authorisations for each genus will be reviewed periodically.

Authorised Centralised Test Centres (CTCs)

Following publication of applications for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs. Any special conditions are also listed.

| Name | Location | Approved Genera | Facilities | Name of QP | Date of accreditation |
|--|---|---|---|-------------|-----------------------|
| Agriculture Victoria, National Potato Improvement Centre | Toolangi, VIC | Potato | Outdoor, field, greenhouse, tissue culture laboratory | R Kirkham | 31/3/97 |
| Bureau of Sugar Experiment Stations | Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD | <i>Saccharum</i> | Field, glasshouse, tissue culture, pathology | G Piperidis | 30/6/97 |
| Ag-Seed Research | Horsham and other sites | Canola | Field, glasshouse, shadehouse, laboratory and biochemical analyses | P Rudolph | 30/6/97 |
| Agriculture Western Australia | Northam WA | Wheat | Field, laboratory | D Collins | 30/6/97 |
| University of Sydney, Plant Breeding Institute | Camden, NSW | <i>Argyranthemum</i> , <i>Diascia</i> , <i>Mandevilla</i> | Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms, | J Oates | 30/6/97 |

| | | | | | |
|--|-----------------------|--|--|--------------------|----------|
| | | | tissue culture, molecular genetics and cytology lab. | | |
| Boulters Nurseries Monbulk Pty Ltd | Monbulk, VIC | Clematis | Outdoor, shadehouse, greenhouse | M Lunghusen | 30/9/97 |
| Geranium Cottage Nursery | Galston, NSW | Pelargonium | Field, controlled environment house | I Paananen | 30/11/97 |
| Agriculture Victoria | Hamilton, VIC | <i>Perennial ryegrass, tall fescue, tall wheat grass, white clover, Persian clover</i> | Field, shadehouse, glasshouse, growth chambers. Irrigation. Pathology and tissue culture. Access to DNA and molecular marker technology. Cold storage. | M Anderson | 30/6/98 |
| Koala Blooms | Monbulk, VIC | <i>Bracteantha</i> | Outdoor, irrigation | M Lunghusen | 30/6/98 |
| Redlands Nursery | Redland Bay, QLD | <i>Aglaonema</i> | Outdoor, shadehouse, glasshouse and indoor facilities | K Bunker | 30/6/98 |
| Protected Plant Promotions | Macquarie Fields, NSW | New Guinea Impatiens including <i>Impatiens hawkeri</i> and its hybrids | Glasshouse | I Paananen | 30/9/98 |
| University of Queensland, Gatton College | Lawes, QLD | Some tropical pastures | Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage | To be advised | 30/9/98 |
| Jan and Peter Iredell | Moggill, QLD | Bougainvillea | Outdoor, shadehouse | J Iredell | 30/9/98 |
| Protected Plant Promotions | Macquarie Fields, NSW | <i>Verbena</i> | Glasshouse | I Paananen | 31/12/98 |
| Avondale Nurseries Ltd | Glenorie, NSW | <i>Agapanthus</i> | Greenhouse, tissue culture with commercial partnership | I Paananen | 31/12/98 |
| Paradise Plants | Kulnura, NSW | <i>Camellia, Lavandula, Osmanthus, Ceratopetalum</i> | Field, glasshouse, shadehouse, irrigation, tissue culture lab | J Robb | 31/12/98 |
| Prescott Roses | Berwick, VIC | <i>Rosa</i> | Field, controlled environment greenhouses | C Prescott | 31/12/98 |
| F & I Baguley Flower and Plant Growers | Clayton South, VIC | <i>Euphorbia</i> | Controlled glasshouses, quarantine facilities, tissue culture | G Guy | 31/3/99 |
| Paradise Plants | Kulnura, NSW | <i>Limonium, Raphiolepis, Eriostemon, Lonicera Jasminum</i> | Field, glasshouse, shadehouse, irrigation, tissue culture lab | J Robb | 30/6/00 |
| Ramm Pty Ltd | Macquarie Fields, NSW | <i>Angelonia</i> | Glasshouse | I Paananen | 30/6/00 |
| Carol's Propagation | Alexandra Hills, QLD | <i>Cuphea, Anthurium</i> | Field beds, wide range of comparative varieties | C Milne D Singh | 30/6/00 |
| Queensland Department of Primary Industries, Redlands Research Station | Cleveland, QLD | <i>Cynodon, Zoysia</i> and other selected warm season-season turf and amenity species | Field, glasshouse, irrigation, tissue culture lab | M Roche | 30/9/00 |

| | | | | | |
|--|-----------------------|------------------------------------|---|---|----------|
| Luff Partnership | Kulnura, NSW | <i>Bracteantha</i> | Field beds, irrigation, shade house, propagation house, cool rooms, | I Dawson | 31/12/00 |
| Ramm Pty Ltd | Macquarie Fields, NSW | <i>Petunia, Calibrachoa</i> | Glasshouse | I Paananen J Oates | 31/12/00 |
| NSW Agriculture | Temora | <i>Triticum, Hordeum, Avena</i> | Field, irrigation, glasshouse, climate controlled areas | P Breust | 31/3/01 |
| Bywong Nursery | Bungendore NSW | <i>Leptospermum</i> | Field, shadehouse, greenhouse | P Ollerenshaw | 31/3/01 |
| S J Saperstein | Mullumbimby NSW | <i>Rhododendron</i> (vireya types) | Field and propagation facilities | S Saperstein | 31/12/01 |
| Redlands Nursery | Redland Bay, QLD | <i>Osteospermum, Rhododendron</i> | Outdoor, shadehouse, glasshouse and indoor facilities | K Bunker | 31/3/02 |
| Ramm Pty Ltd | Macquarie Fields, NSW | <i>Euphorbia</i> | Glasshouse | I Paananen | 31/3/02 |
| Oasis Horticulture Pty Ltd | Springwood, | <i>Impatiens, Euphorbia</i> | AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture | B Sidebottom A Bernuetz M Hunt N Derera T Angus | 30/9/02 |
| Carol's Propagation | Alexandra Hills, QLD | <i>Dahlia</i> | Field beds, wide range of comparative varieties | C Milne D Singh | 31/12/03 |
| Carol's Propagation | Brookfield, QLD | <i>Anubias</i> | Glasshouse specifically designed for aquatic plants | C Milne D Singh | 31/3/04 |
| Queensland Department of Primary Industries, Maroochy Research Station | Nambour, QLD | <i>Ananas</i> | Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab | G. Sanewski | 31/3/04 |
| Abulk Pty Ltd | Clarendon, NSW | <i>Dianella</i> | Normal nursery facilities with access to micro propagation. | I Paananen | 31/3/04 |
| Proteaflora Nursery Pty Ltd | Monbulk, VIC | <i>Plectranthus</i> | Fogged propagation house, greenhouses and irrigated outdoor facilities | Paul Armitage | 30/6/04 |
| Berrimah Agricultural Research Centre | Darwin | <i>Zingiber</i> | Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services | D Marcsik | 30/9/04 |
| Ball Australia | Keysborough, VIC | <i>Impatiens, Verbena</i> | Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities. | M Lunghusen | 30/9/04 |
| Floreta Pty Ltd | Redland Bay QLD | <i>Bracteantha</i> | Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site. | K Bunker | 31/12/04 |
| Boulevard Nurseries Mildura Pty Ltd | Irymple VIC | <i>Zantedeschia</i> | Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics, | K Mullins | 31/12/04 |

| | | | | | |
|--|---|----------------------------------|--|-------------|----------|
| | | | quarantine facilities | | |
| Buchanan's Nursery | Hodgsonvale, QLD | <i>Prunus</i> | Outdoor facilities including a collection of 90 varieties of common knowledge. | P Buchanan | 31/12/04 |
| Ball Australia | Keysborough, VIC | <i>Calibrachoa, Osteospermum</i> | Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities. | M Lunghusen | 30/9/05 |
| Queensland Department of Primary Industries, Southedge Research Centre | Mareeba, QLD | <i>Mangifera</i> | Glasshouse, shadehouse, laboratory complex including biotech, propagation, outdoor facilities | I Bally | 30/09/05 |
| Blueberry Farms of Australia | Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania | <i>Vaccinium</i> | Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories. | I Paananen | 15/10/07 |
| Ball Australia | Keysborough, VIC | <i>Kalanchoe</i> | Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities. | M Lunghusen | 3/6/2008 |

The following applications are pending:

| Name | Location | Genera applied for | Facilities | Name of QP |
|----------------------------|----------------------------|--------------------|---|------------|
| Yates Botanical Pty Ltd | Somersby and Tuggerah, NSW | <i>Rosa</i> | Tissue culture lab, glasshouse, quarantine and nursery facilities | I Paananen |
| Aussie Winners Pty Ltd | Redland Bay, QLD | <i>Fuchsia</i> | Comprehensive growing facilities | I Paananen |
| Schreurs Australia Pty Ltd | Leppington, NSW | <i>Rosa</i> | Comprehensive growing facilities | I Paananen |

Comments (both for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

The Registrar
Plant Breeder's Rights Office
IP Australia
PO Box 200
Woden, ACT 2606
Fax (02) 6283 7999

Closing date for comment: 30 June 2010.

APPENDIX 7

List of Classes for Variety Denomination Purposes

UPOV Variety Denomination Classes: (UPOV/INF/12/1: ANNEX I)

A Variety Denomination Should not be Used More than Once in the Same Class

For the purposes of providing guidance on the third and fourth sentences of paragraph 2 of Article 20 of the 1991 Act and of Article 13 of the 1978 Act and the 1961 Convention, variety denomination classes have been developed. A variety denomination should not be used more than once in the same class. The classes have been developed such that the botanical taxa within the same class are considered to be closely related and/or liable to mislead or to cause confusion concerning the identity of the variety.

The variety denomination classes are as follows:

(a) General Rule (one genus / one class): for genera and species not covered by the List of Classes in this Annex, a genus is considered to be a class;

(b) Exceptions to the General Rule (list of classes):

(i) classes within a genus: List of classes in this Annex: Part I;

(ii) classes encompassing more than one genus: List of classes in this Annex: Part II.

LIST OF CLASSES

Part I*Classes within a genus*

| | <u>Botanical names</u> | <u>UPOV codes</u> |
|-----------|---|---------------------------------|
| Class 1.1 | Brassica oleracea | BRASS_OLE |
| Class 1.2 | Brassica other than Brassica oleracea | other than BRASS_OLE |
| Class 2.1 | Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima | BETAA_VUL_GVA; BETAA_VUL_GVS |
| Class 2.2 | Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: B. vulgaris L. var. rubra L.), B. vulgaris L. var. cicla L., B. vulgaris L. ssp. vulgaris var. vulgaris | BETAA_VUL_GVC; BETAA_VUL_GVF |
| Class 2.3 | Beta other than classes 2.1 and 2.2. | other than classes 2.1 and 2.2 |
| Class 3.1 | Cucumis sativus | CUCUM_SAT |
| Class 3.2 | Cucumis melo | CUCUM_MEL |
| Class 3.3 | Cucumis other than classes 3.1 and 3.2 | other than classes 3.1 and 3.2 |
| Class 4.1 | Solanum tuberosum L. | SOLAN_TUB |
| Class 4.2 | Solanum other than class 4.1 | other than class 4.1 |

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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