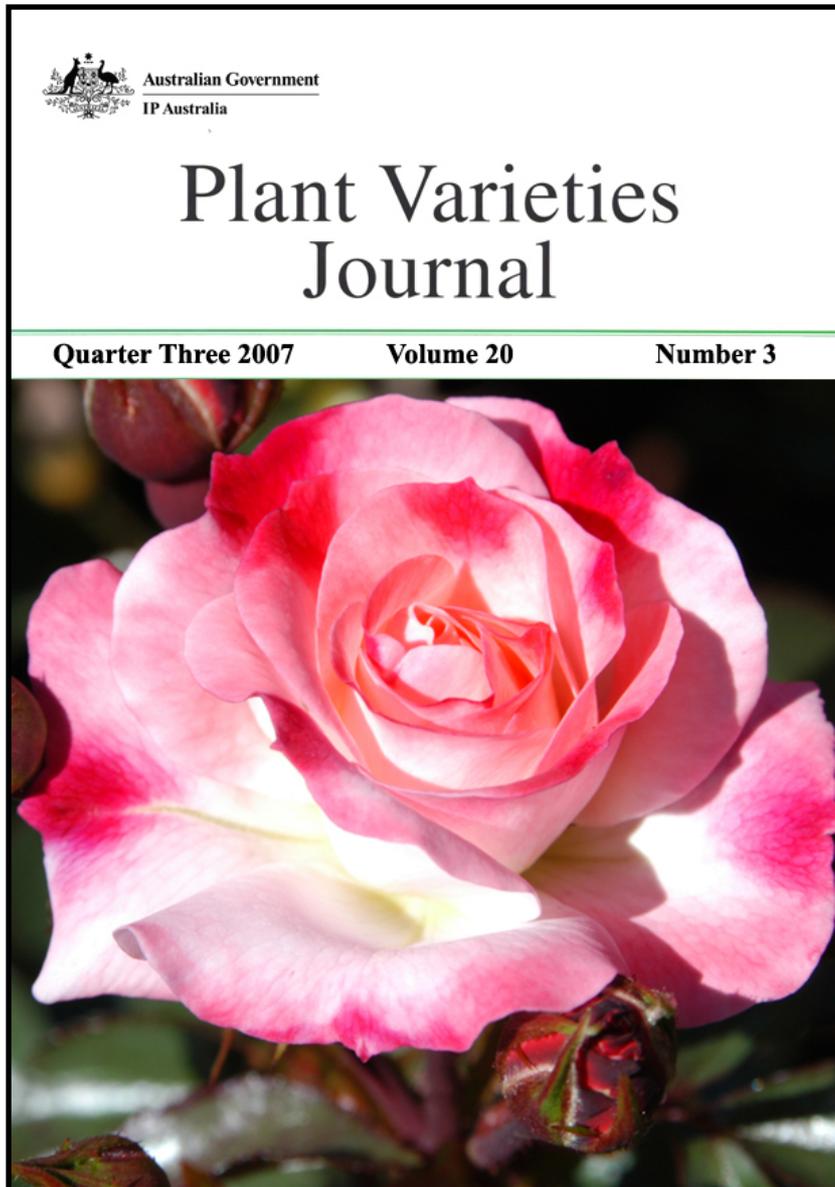




Australian Government
IP Australia

Plant Varieties Journal - Optimised for Screen Viewing



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Rights Office, IP Australia

Quarter Three 2007

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Part 1 General Information

Part 1 of *Plant Varieties Journal* provides the link with the General Information about the Plant Breeder's Rights scheme, the procedures for objections and revocations, UPOV developments, Important Changes etc. The General Information pages of *Plant Varieties Journal (Vol. 20 Issue 3)* are listed below:

- [Home](#)
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Interactive Variety Description System (IVDS)

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

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

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

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

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

Objections and revocations

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

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

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

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

Objections to Applications

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

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

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

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

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

• **a Grant**

• **a Declaration that a Plant Variety is Essentially Derived**

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

• a grant of PBR; or

• a declaration that a plant variety is essentially derived from another plant variety.

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

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

Report on Breeding Issues

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

Use of Overseas Data

Overseas Testing/Data

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

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

Taxa that must be trailed in Australia

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

Solanum tuberosum Potato

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

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

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

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

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

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

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

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

PBR Infringement

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

On-line Database for PBR Varieties

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

Cumulative Index to Plant Varieties Journal

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

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

Applying for Plant Breeder's Rights

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

Steps in Applying for Plant Breeder's Rights

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

Requirement to Supply Comparative Varieties

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

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

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

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

UPOV Developments

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

The members of UPOV are (as of September 30, 2007):

Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, European Community, Estonia, Finland, France, Germany, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Panama, Paraguay, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Trinidad and Tobago, Tunisia, Ukraine, United Kingdom, United States of America, Uruguay, Uzbekistan and Vietnam. (Total 64).

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

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

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

European Developments

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

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

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

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

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

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

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

Instructions to Qualified Persons

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

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

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

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The 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.

The detailed descriptions are accepted only in the IVDS format.

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

Current PBR Forms

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

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

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

Please Do Not Use Old Forms

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



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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants, Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 20 Issue 3) are listed below:

- [Home](#)
- [Acceptances](#)
- [Variety Descriptions](#)
- [Grants](#)
- [Denomination Changed](#)
- [Applicant's Name Amended](#)
- [Assignment of Rights](#)
- [Change of Agent](#)
- [Grants Surrendered](#)
- [Applications Withdrawn](#)
- [Corrigenda](#)

ACCEPTANCES

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

Actinidia chinensis

KIWIFRUIT

‘W45’

Application No: 2007/164 Accepted: 23 August, 2007

Applicant: **Donald Alfred Skelton.**

Agent: **Global Plant IP Pty Ltd**, Goondiwindi, QLD.

Bracteantha bracteata

EVERLASTING DAISY, STRAWFLOWER

‘Ohdrejumwhi’ syn Jumbo White

Application No: 2007/214 Accepted: 26 September, 2007

Applicant: **Bonza Botanicals Pty Limited.**

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

Chlorophytum comosum

SPIDER PLANT, RIBBON PLANT

‘Ocean’

Application No: 2007/146 Accepted: 11 July, 2007

Applicant: **Koning Smit IPR S.A..**

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

Citrus reticulata

MANDARIN

‘F4A34’ syn Seedless Nadorcott

Application No: 2007/011 Accepted: 13 August, 2007

Applicant: **Agricultural Research Council.**

Agent: **Variety Access Pty Ltd**, Torbanlea, QLD.

Citrus sinensis

SWEET ORANGE

‘SunSmooth Early Navel’

Application No: 2007/172 Accepted: 17 August, 2007

Applicant: **Stephen Lang Family Trust**, Via Renmark, SA.

Cynodon dactylon x *Cynodon transvaalensis*

HYBRID GREEN COUCH GRASS, HYBRID BERMUDA GRASS

‘P18’

Application No: 2007/179 Accepted: 13 August, 2007

Applicant: **RNB, LLC**.

Agent: **Evergreen Turf**, Pakenham, VIC.

Dianella caerulea

BLUE FLAX-LILY, UMBRELLA DRACAENA

‘Pattison's Gift’

Application No: 2007/176 Accepted: 27 August, 2007

Applicant: **VF and NC Jupp**, East Gresford, NSW.

Dianella revoluta

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

‘Allyn-Citation’

Application No: 2007/177 Accepted: 5 September, 2007

Applicant: **VF and NC Jupp**, East Gresford, NSW.

‘REV101’

Application No: 2007/197 Accepted: 11 September, 2007

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

Dracaena deremensis

DRAGON TREE

‘Lemon Surprise’

Application No: 2007/147 Accepted: 11 July, 2007

Applicant: **Dragontree Beheer BV**.

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

‘Malaika’

Application No: 2007/148 Accepted: 11 July, 2007
Applicant: **Dragontree Beheer BV**.
Agent: **Ramm Botanicals Holding Pty Ltd**, Tuggerah, NSW.

‘White Surprise’

Application No: 2007/149 Accepted: 11 July, 2007
Applicant: **Dragontree Beheer BV**.
Agent: **Ramm Botanicals Holding Pty Ltd**, Tuggerah, NSW.

Dracaena draco

DRAGON'S BLOOD TREE, DRAGON TREE

‘Stripey Rose’

Application No: 2007/153 Accepted: 2 July, 2007
Applicant: **Anthony Robert Rosolen & Milagros Rosolen**, Woodburn, NSW.

Euphorbia hybrid

CROWN OF THORNS

‘EU4’

Application No: 2007/230 Accepted: 26 September, 2007
Applicant: **Darwin Plant Wholesalers**, Winnellie, NT.

Fragaria xananassa

STRAWBERRY

‘Bonaire’

Application No: 2007/160 Accepted: 7 August, 2007
Applicant: **Driscoll Strawberry Associates, Inc.**
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

‘SABROSA’

Application No: 2007/225 Accepted: 13 September, 2007
Applicant: **Plantas de Navarra, S.A. (Planasa)**.
Agent: **Red Jewel Fruit Management Pty Ltd**, Ballandean, QLD.

Gazania xhybrida

GAZANIA

‘Sugaby’

Application No: 2007/136 Accepted: 27 August, 2007

Applicant: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.

‘Sugary’

Application No: 2007/137 Accepted: 27 August, 2007

Applicant: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.

Griselinia littoralis

GRISELINIA

‘Whenuapai’

Application No: 2007/228 Accepted: 26 September, 2007

Applicant: **Tom Johnson**.

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

Hordeum vulgare

BARLEY

‘Fairview’

Application No: 2007/159 Accepted: 2 July, 2007

Applicant: **International Malting Company Australia**, North Geelong, VIC.

‘Roe’

Application No: 2007/215 Accepted: 13 September, 2007

Applicant: **State of Western Australia through its Department of Agriculture and Food, Grains Research and Development Corporation**, Bentley Delivery Centre, WA.

Humulus lupulus

HOPS

‘Apollo’

Application No: 2007/046 Accepted: 17 September, 2007

Applicant: **S.S. STEINER, INC.**.

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

‘Super Galena’

Application No: 2007/044 Accepted: 11 September, 2007
Applicant: **S.S. STEINER, INC.**
Agent: **AJ PARK**, Canberra, ACT.

Lactuca sativa

LETTUCE

‘Curletta’ syn BellaGio LE290 (Nr)

Application No: 2007/190 Accepted: 27 August, 2007
Applicant: **Syngenta Seeds Pty Ltd**, Dandenong South, VIC.

‘Robinio’ syn BellaGio Robinio (Nr)

Application No: 2007/192 Accepted: 27 August, 2007
Applicant: **Syngenta Seeds Pty Ltd**, Dandenong South, VIC.

‘Winnie’ syn BellaGio LE289 (Nr)

Application No: 2007/191 Accepted: 27 August, 2007
Applicant: **Syngenta Seeds Pty Ltd**, Dandenong South, VIC.

Lavandula hybrid

LAVENDER

‘Riverina James’

Application No: 2007/151 Accepted: 11 July, 2007
Applicant: **Dr Nigel Urwin**, Wagga Wagga, NSW.

Lilium hybrid

LILY

‘LIDO’

Application No: 2007/154 Accepted: 19 July, 2007
Applicant: **Vletter & Den Haan Beheer B.V.**
Agent: **Watermark - Patent & Trademark Attorneys**, Melbourne, VIC.

Magnolia grandiflora

SOUTHERN MAGNOLIA

‘Southern Charm’ syn Teddy Bear

Application No: 2007/162 Accepted: 23 July, 2007

Applicant: **Head Ornamentals Inc.**

Agent: **Coolwyn Nurseries Pty Ltd**, Monbulk, VIC.

Malus domestica

APPLE

‘Co-op 33’

Application No: 2007/143 Accepted: 2 July, 2007

Applicant: **Purdue Research Foundation.**

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

‘DG202’

Application No: 2007/170 Accepted: 25 July, 2007

Applicant: **Denis Carniel and Giovanna Carniel**, Pozieres, QLD.

Mandevilla hybrid

MANDEVILLA

‘Sunmandecrikin’ syn Giant Crimson

Application No: 2007/182 Accepted: 11 September, 2007

Applicant: **Suntory Flowers Limited.**

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

‘Sunmanderemi’ syn Mini Crimson

Application No: 2007/181 Accepted: 11 September, 2007

Applicant: **Suntory Flowers Limited.**

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

Medicago sativa

LUCERNE

‘SuperSonic’ syn Alpha 1

Application No: 2007/165 Accepted: 30 July, 2007

Applicant: **Seed Genetics Australia**, Mitcham, SA.

Medicago truncatula x *Medicago littoralis*

BARREL MEDIC

‘Cheetah’

Application No: 2007/195 Accepted: 5 September, 2007

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

‘Lynx’

Application No: 2007/194 Accepted: 5 September, 2007

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

Nemesia hybrid

NEMESIA

‘INUPGUAVA’

Application No: 2007/166 Accepted: 25 July, 2007

Applicant: **InnovaPlant GmbH & Co. KG**.

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

‘INUPSPINK8’

Application No: 2007/167 Accepted: 25 July, 2007

Applicant: **InnovaPlant GmbH & Co. KG**.

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

Olea europaea

OLIVE

‘GIULIA’

Application No: 2007/178 Accepted: 2 August, 2007

Applicant: **Consiglio Nazionale delle Ricerche**.

Agent: **Davies Collison Cave**, Sydney, NSW.

Phalaris aquatica

PHALARIS

‘Holdfast GT’

Application No: 2007/193 Accepted: 17 August, 2007

Applicant: **Commonwealth Scientific and Industrial Research Organisation and Australian Wool Innovation Limited**, Canberra, ACT.

Phalaris hybrid

PHALARIS

‘Advanced AT’

Application No: 2007/188 Accepted: 27 August, 2007

Applicant: **Commonwealth Scientific and Industrial Research Organisation and Australian Wool Innovation Limited**, Canberra, ACT.

Picea glauca

WHITE SPURCE

‘DECEMBER’ syn Xmas Star

Application No: 2007/180 Accepted: 27 August, 2007

Applicant: **Dick Scholten**.

Agent: **Coolwyn Nurseries P/L**, Monbulk, VIC.

Pittosporum tenuifolium

PITTOSPORUM, KOHUHU, TAWHIWHI

‘Kiwijade’

Application No: 2007/115 Accepted: 25 July, 2007

Applicant: **Jeffrey Wayne Elliot**.

Agent: **Braddles Pty Ltd ATF Hermitage Nursery Superannuation Fund**, Tuerong, VIC.

‘GREEN SHEEN’

Application No: 2007/196 Accepted: 5 September, 2007

Applicant: **Matthew Brooks**, Monbulk, VIC.

Prunus hybrid

PRUNUS

‘Flavor Wynne’

Application No: 2007/189 Accepted: 17 August, 2007

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

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

Ptilotus nobilis

PTILOTUS

‘Passion’

Application No: 2007/156 Accepted: 9 July, 2007

Applicant: **The University of Queensland**, St Lucia, QLD.

‘Poise’

Application No: 2007/157 Accepted: 2 August, 2007

Applicant: **The University of Queensland**, St Lucia, QLD.

‘Purity’

Application No: 2007/158 Accepted: 2 August, 2007

Applicant: **The University of Queensland**, St Lucia, QLD.

Quercus lyrata

OVERCUP OAK TREE

‘QLFTB’

Application No: 2007/163 Accepted: 13 August, 2007

Applicant: **Tree Introductions Inc.**

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

Rosa hybrid

ROSE

‘Crown Princess Mary’ syn Tomroyal

Application No: 2007/169 Accepted: 2 August, 2007

Applicant: **George Thomson**.

Agent: **Ross Roses**, Willunga, SA.

‘Just Brilliant’ syn Rostwo

Application No: 2007/168 Accepted: 30 July, 2007

Applicant: **Andrew Ross**, Willunga, SA.

‘Lexativas’

Application No: 2007/213 Accepted: 11 September, 2007

Applicant: **Levacy Ltd**.

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

‘Lexidagam’

Application No: 2007/212 Accepted: 11 September, 2007
 Applicant: **Levacy Ltd.**
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Lexteews’

Application No: 2007/211 Accepted: 11 September, 2007
 Applicant: **Evaesco.**
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘PEJAMBLU’

Application No: 2007/185 Accepted: 14 August, 2007
 Applicant: **Peter Joseph James.**
 Agent: **Australian Roses**, Silvan, VIC.

‘Selmusic’

Application No: 2007/187 Accepted: 30 July, 2007
 Applicant: **TERRA NIGRA Holding B.V..**
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Selpremier’

Application No: 2007/186 Accepted: 30 July, 2007
 Applicant: **TERRA NIGRA Holding B.V..**
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

Rubus idaeus

RASPBERRY

‘Estrella’

Application No: 2007/155 Accepted: 2 July, 2007
 Applicant: **Driscoll Strawberry Associates, Inc.**
 Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

Saccharum hybrid

SUGARCANE

‘Q232’

Application No: 2007/218 Accepted: 17 September, 2007
 Applicant: **BSES Limited**, Indooroopilly, QLD.

‘Q233’

Application No: 2007/219 Accepted: 17 September, 2007
 Applicant: **BSES Limited**, Indooroopilly, QLD.

‘Q234’

Application No: 2007/220 Accepted: 17 September, 2007
 Applicant: **BSES Limited**, Indooroopilly, QLD.

‘QC93-896’

Application No: 2007/221 Accepted: 17 September, 2007
 Applicant: **BSES Limited**, Indooroopilly, QLD.

‘QS85-7325’

Application No: 2007/222 Accepted: 17 September, 2007
 Applicant: **BSES Limited**, Indooroopilly, QLD.

‘QS96-2174’

Application No: 2007/223 Accepted: 17 September, 2007
 Applicant: **BSES Limited**, Indooroopilly, QLD.

Solanum tuberosum

POTATO

‘Emma’

Application No: 2007/198 Accepted: 17 August, 2007
 Applicant: **Irish Potato Marketing Ltd.**
 Agent: **Bright Harvest**, Virginia, SA.

‘Savanna’

Application No: 2007/201 Accepted: 23 August, 2007
 Applicant: **Irish Potato Marketing Ltd.**
 Agent: **Bright Harvest**, Virginia, SA.

Triticum aestivum

WHEAT

‘LongReach Hornet’ syn LRPB Hornet

Application No: 2007/171 Accepted: 19 July, 2007
 Applicant: **LongReach Plant Breeders Management Pty Ltd**, Bundoora, VIC.

‘LongReach Lincoln’ syn LRPB Lincoln

Application No: 2007/173 Accepted: 23 July, 2007

Applicant: **The New Zealand Institute for Crop & Food Research Limited.**

Agent: **LongReach Plant Breeders Management Pty Ltd**, Bundoora, VIC.

Vicia faba

FIELD BEAN

‘Doza’

Application No: 2007/161 Accepted: 9 July, 2007

Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation**, Orange, NSW.

xTriticosecale

TRITICALE

‘Forerunner’

Application No: 2006/282 Accepted: 25 July, 2007

Applicant: **Weaver Seed of Oregan Inc and Oregan Trail Seeds.**

Agent: **The Massif Alliance**, Narrogin, WA.



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
Mandarin (Citrus hybrid)	Bella	K.E. Walker
Mirror Plant (Coprosma repens)	Tequila Sunrise	Annton Nursery Ltd
Mirror Plant (Coprosma repens)	Goldenglow	Growing Spectrum Ltd
Hybrid Green Couch Grass (Cynodon dactylon x C. transvaalensis)	P18	RNB, LLC
Twinspur (Diascia barbara)	Pender	Sydney James Jones & David Jones
Cotton (Gossypium hirsutum)	Sicot 43RRF	Commonwealth Scientific and Industrial Research Organisation
Cotton (Gossypium hirsutum)	Sicot 43BRF	Commonwealth Scientific and Industrial Research Organisation

Cotton <i>(Gossypium hirsutum)</i>	Sicala 60BRF	Commonwealth Scientific and Industrial Research Organisation
Cotton <i>(Gossypium hirsutum)</i>	Sicot 80BRF	Commonwealth Scientific and Industrial Research Organisation
Cotton <i>(Gossypium hirsutum)</i>	Sicot 80RRF	Commonwealth Scientific and Industrial Research Organisation
Cotton <i>(Gossypium hirsutum)</i>	Sicot 81	Commonwealth Scientific and Industrial Research Organisation
Cotton <i>(Gossypium hirsutum)</i>	Siokra 24B	Commonwealth Scientific and Industrial Research Organisation
Hebe (<i>Hebe hybrid</i>)	Turkish Delight	Growing Spectrum Ltd
Hebe (<i>Hebe hybrid</i>)	Annie's Winter Wonder	Annton Nursery Ltd
Hebe (<i>Hebe hybrid</i>)	Orphan Annie	Annton Nursery Ltd
English Lavender <i>(Lavandula angustifolia)</i>	Coconut Ice	Lavenite Enterprises
English Lavender <i>(Lavandula angustifolia)</i>	Lavenite Petite	Lavenite Enterprises
Lily (<i>Lilium hybrid</i>)	Fenice	Vletter & Den Haan Beheer B.V.
Lily (<i>Lilium hybrid</i>)	Argentina	Vletter & Den Haan Beheer B.V.
Lily (<i>Lilium hybrid</i>)	Belladonna	Vletter & Den Haan Beheer B.V.

<u>Lily (<i>Lilium hybrid</i>)</u>	LIDO	Vletter & Den Haan Beheer B.V.
<u>Lily (<i>Lilium hybrid</i>)</u>	Giacondo	Vletter & Den Haan Beheer B.V.
<u>Italian Ryegrass (<i>Lolium multiflorum</i>)</u>	Warrior	Grasslanz Technology Limited
<u>Perennial Ryegrass (<i>Lolium perenne</i>)</u>	Alto	New Zealand Agriseeds Ltd
<u>Mango (<i>Mangifera indica</i>)</u>	Dolce	Vasily Seminutin and Nadia Seminutin
<u>Riceflower (<i>Ozothamnus diosmifolius</i>)</u>	Winter White	E.G & E.R. Cook
<u>Kikuyu grass (<i>Pennisetum clandestinum</i>)</u>	RK19	Future Turf Pty Ltd
<u>Sweet Cherry (<i>Prunus avium</i>)</u>	Sumpaca	Agriculture Canada
<u>Peach (<i>Prunus persica</i>)</u>	Klondike White	Zaiger's Inc. Genetics
<u>Rose (<i>Rosa hybrid</i>)</u>	Kordaelf	W. Kordes' Sohne Rosenschulen GmbH & Co KG
<u>Rose (<i>Rosa hybrid</i>)</u>	Korbreano	W. Kordes' Sohne Rosenschulen GmbH & Co KG
<u>Rose (<i>Rosa hybrid</i>)</u>	Korcoptru	W. Kordes' Sohne Rosenschulen GmbH & Co KG
<u>Sugarcane (<i>Saccharum hybrid</i>)</u>	Q227	BSES Limited
<u>Sugarcane (<i>Saccharum hybrid</i>)</u>	Q226	BSES Limited

Sugarcane <i>(Saccharum hybrid)</i>	Q229	BSES Limited
Sugarcane <i>(Saccharum hybrid)</i>	Q230	BSES Limited
Sugarcane <i>(Saccharum hybrid)</i>	Q231	BSES Limited
Christmas Cactus <i>(Schlumbergera truncata)</i>	Blazing Fantasy	Tillington House Pty Limited
Christmas Cactus <i>(Schlumbergera truncata)</i>	Strawberryfantasy	Tillington House Pty Limited
Potato (<i>Solanum tuberosum</i>)	Ultra	AARDAPPELKWEEK en SELECTIEBEDRIJF IJSSELMEERPOLDERS BV
Potato (<i>Solanum tuberosum</i>)	Crop 19	New Zealand Institute for Crop & Food Research Limited
Potato (<i>Solanum tuberosum</i>)	Harborough Harvest	Scottish Crop Research Institute
Potato (<i>Solanum tuberosum</i>)	Crop 32	New Zealand Institute for Crop & Food Research Limited
Potato (<i>Solanum tuberosum</i>)	SUMMER DELIGHT	New Zealand Institute for Crop & Food Research Limited
Potato (<i>Solanum tuberosum</i>)	Crop 13	New Zealand Institute for Crop & Food Research Limited
Wheat (<i>Triticum aestivum</i>)	EGA Eagle Rock	State of Western Australia represented by the Chief Executive Officer, Grains Research and Development Corporation

<u>Wheat (<i>Triticum aestivum</i>)</u>	Bullaring	State of Western Australia through its Department of Agriculture and Food, Grains Research and Development Corporation
<u>Wheat (<i>Triticum aestivum</i>)</u>	Tammarin Rock	State of Western Australia through its Department of Agriculture and Food, Grains Research and Development Corporation
<u>Wheat (<i>Triticum aestivum</i>)</u>	EGA Jitarning	State of Western Australia represented by the Chief Executive Officer, Grains Research and Development Corporation
<u>Wheat (<i>Triticum aestivum</i>)</u>	EGA Castle Rock	State of Western Australia represented by the Chief Executive Officer, Grains Research and Development Corporation
<u>Wheat (<i>Triticum aestivum</i>)</u>	EGA Blanco	State of Western Australia represented by the Chief Executive Officer, Grains Research and Development Corporation
<u>Wheat (<i>Triticum aestivum</i>)</u>	QAL3362	Value Added Wheat CRC Limited
<u>Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)</u>	C99-42	CostaExchange Ltd

Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)	S210	Russell Glover and Gurmukh Singh Atwal
Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)	Southern Belle	Florida Foundation Seed Producers, Inc
Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)	Emerald	Florida Foundation Seed Producers, Inc
Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)	OB1	Russell Glover and Gurmukh Singh Atwal
Southern Highbush Blueberry (<i>Vaccinium hybrid</i>)	C97-390	CostaExchange Ltd

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Date of effect: 05-Nov-2007



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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Christmas Cactus (*Schlumbergera truncata*)

Variety: 'Blazing Fantasy'

Synonym: N/A

Application no: 2003/055

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Mar-2003

Accepted: 28-Apr-2003

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

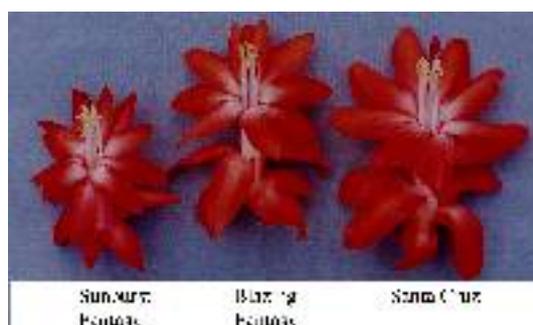
Title Holder: Tillington House Pty Limited

Agent: N/A

Telephone: 0266523020

Fax: 0266526711

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Christmas Cactus (*Schlumbergera truncata*)

Variety: 'Strawberryfantasy'

Synonym: N/A

Application no: 2004/088

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Mar-2004

Accepted: 13-Apr-2004

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Tillington House Pty Limited

Agent: N/A

Telephone: 0266549255

Fax: 0266549266

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



President

Strawberry
Fantasy

Sleigh Bells



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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'Sicot 43RRF'

Synonym: N/A

Application no: 2007/024

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Jan-2007

Accepted: 09-Feb-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'Sicot 43BRF'

Synonym: N/A

Application no: 2007/023

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Jan-2007

Accepted: 09-Feb-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'Sicala 60BRF'

Synonym: N/A

Application no: 2007/022

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Jan-2007

Accepted: 09-Feb-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

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Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'Sicot 80BRF'

Synonym: N/A

Application no: 2007/025

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Jan-2007

Accepted: 09-Feb-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

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Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'Sicot 80RRF'

Synonym: N/A

Application no: 2007/026

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Jan-2007

Accepted: 09-Feb-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

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Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'Sicot 81'

Synonym: N/A

Application no: 2007/027

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Jan-2007

Accepted: 09-Feb-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Cotton (*Gossypium hirsutum*)

Variety: 'Siokra 24B'

Synonym: N/A

Application no: 2007/028

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Jan-2007

Accepted: 09-Feb-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

English Lavender (*Lavandula angustifolia*)

Variety: 'Coconut Ice'

Synonym: N/A

Application no: 2000/165

Current status: ACCEPTED

Certificate no: N/A

Received: 05-Jun-2000

Accepted: 27-Nov-2000

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Lavenite Enterprises

Agent: Greenhills Propagation Nursery Pty Ltd

Telephone: 0356292443

Fax: 0356292822

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

English Lavender (*Lavandula angustifolia*)

Variety: 'Lavenite Petite'

Synonym: N/A

Application no: 2000/166

Current status: ACCEPTED

Certificate no: N/A

Received: 05-Jun-2000

Accepted: 27-Nov-2000

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Lavenite Enterprises

Agent: Greenhills Propagation Nursery Pty Ltd

Telephone: 0356292443

Fax: 0356292822

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Hebe (*Hebe hybrid*)

Variety: 'Turkish Delight'

Synonym: N/A

Application no: 2007/009

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Jan-2007

Accepted: 25-Jan-2007

Granted: N/A

Description

published

in Plant Volume 20, Issue 3

Varieties

Journal:

Title Holder: Growing Spectrum Ltd

Agent: Greenhills Propagation Nursery Pty Ltd

Telephone: 0356292443

Fax: 0356292822

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Hebe (*Hebe hybrid*)

Variety: 'Annie's Winter Wonder'

Synonym: N/A

Application no: 2007/008

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Jan-2007

Accepted: 25-Jan-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Annton Nursery Ltd

Agent: Greenhills Propagation Nursery Pty Ltd

Telephone: 0356292443

Fax: 0356292822

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Hebe (*Hebe hybrid*)

Variety: 'Orphan Annie'

Synonym: N/A

Application no: 2000/097

Current status: ACCEPTED

Certificate no: N/A

Received: 15-Mar-2000

Accepted: 22-Mar-2000

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

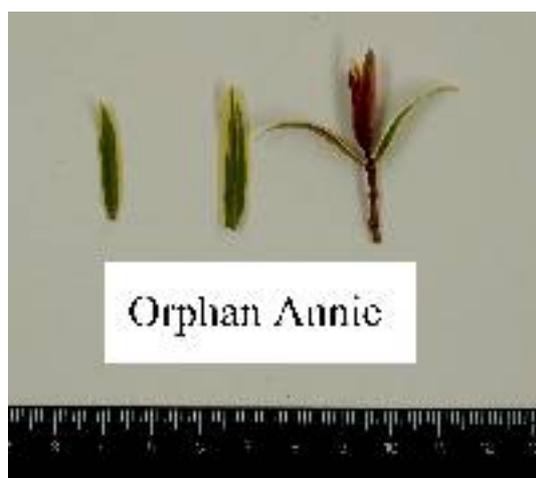
Title Holder: Annton Nursery Ltd

Agent: Greenhills Propagation Nursery Pty Ltd

Telephone: 0356292443

Fax: 0356292822

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

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

Variety: 'P18'

Synonym: N/A

Application no: 2007/179

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Jul-2007

Accepted: 13-Aug-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

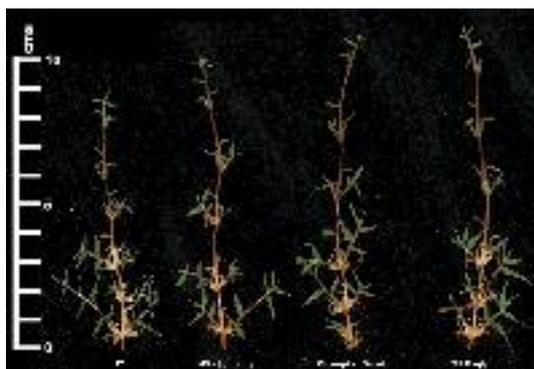
Title Holder: RNB, LLC

Agent: Evergreen Turf

Telephone: 0359452100

Fax: 0359411473

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Italian Ryegrass (*Lolium multiflorum*)

Variety: 'Warrior'

Synonym: N/A

Application no: 2003/110

Current status: ACCEPTED

Certificate no: N/A

Received: 27-May-2003

Accepted: 15-Jul-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Grasslanz Technology Limited

Agent: Griffith Hack

Telephone: 0732217200

Fax: 0732211245

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



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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Kikuyu grass (*Pennisetum clandestinum*)

Variety: 'RK19'

Synonym: N/A

Application no: 2007/130

Current status: ACCEPTED

Certificate no: N/A

Received: 14-May-2007

Accepted: 17-Jun-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Varieties Journal:

Title Holder: Future Turf Pty Ltd

Agent: N/A

Telephone: 0894432785

Fax: 0894431779

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lily (*Lilium hybrid*)

Variety: 'Fenice'

Synonym: N/A

Application no: 2006/360

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Dec-2006

Accepted: 27-Jun-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Description published in Plant Varieties Journal:

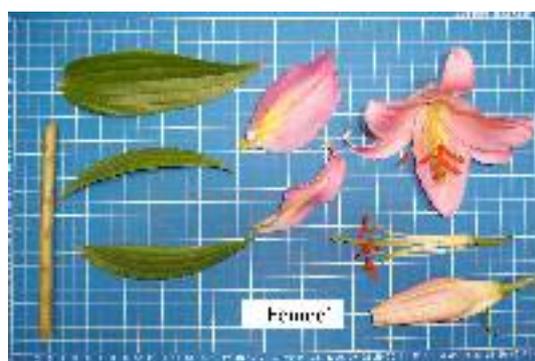
Title Holder: Vletter & Den Haan Beheer B.V.

Agent: Watermark - Patent & Trademark Attorneys

Telephone: 0398191664

Fax: 0398196010

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lily (*Lilium hybrid*)

Variety: 'Argentina'

Synonym: N/A

Application no: 2006/364

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Dec-2006

Accepted: 27-Jun-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Description published in Plant Varieties Journal:

Title Holder: Vletter & Den Haan Beheer B.V.

Agent: Watermark - Patent & Trademark Attorneys

Telephone: 0398191664

Fax: 0398196010

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lily (*Lilium hybrid*)

Variety: 'Belladonna'

Synonym: N/A

Application no: 2006/362

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Dec-2006

Accepted: 27-Jun-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Vletter & Den Haan Beheer B.V.

Agent: Watermark - Patent & Trademark Attorneys

Telephone: 0398191664

Fax: 0398196010

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lily (*Lilium hybrid*)

Variety: 'LIDO'

Synonym: N/A

Application no: 2007/154

Current status: ACCEPTED

Certificate no: N/A

Received: 05-Jun-2007

Accepted: 19-Jul-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Vletter & Den Haan Beheer B.V.

Agent: Watermark - Patent & Trademark Attorneys

Telephone: 0398191664

Fax: 0398196010

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Lily (*Lilium hybrid*)

Variety: 'Giacondo'

Synonym: N/A

Application no: 2006/361

Current status: ACCEPTED

Certificate no: N/A

Received: 22-Dec-2006

Accepted: 27-Jun-2007

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Description published in Plant Varieties Journal:

Title Holder: Vletter & Den Haan Beheer B.V.

Agent: Watermark - Patent & Trademark Attorneys

Telephone: 0398191664

Fax: 0398196010

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Mandarin (*Citrus hybrid*)

Variety: 'Bella'

Synonym: N/A

Application no: 2003/251

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Sep-2003

Accepted: 09-Dec-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: K.E. Walker

Agent: N/A

Telephone: 0350240205

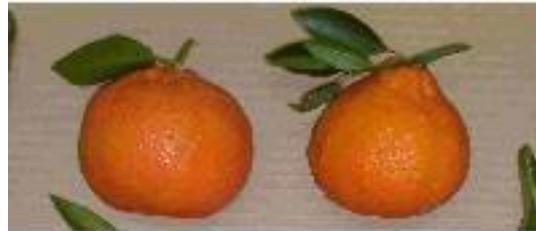
Fax: 0350240258

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



Bella
23-8-2007

Honey Murentz
23-8-2007



Bella
23-8-2007

Topaz
23-8-2007



Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Mango (*Mangifera indica*)

Variety: 'Dolce'

Synonym: N/A

Application no: 2003/060

Current status: ACCEPTED

Certificate no: N/A

Received: 24-Mar-2003

Accepted: 28-Mar-2003

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

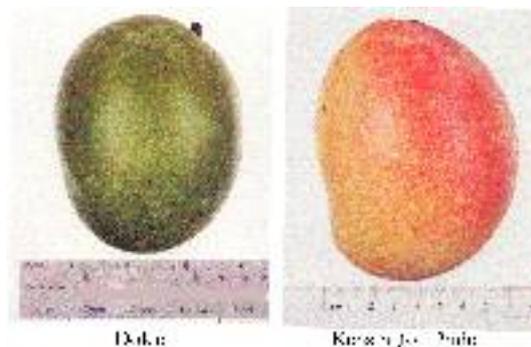
Title Holder: Vasily Seminutin and Nadia Seminutin

Agent: N/A

Telephone: (07) 4973 6626

Fax: (07) 4973 6626

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





Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Mirror Plant (*Coprosma repens*)

Variety: 'Tequila Sunrise'

Synonym: N/A

Application no: 2006/211

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Jul-2006

Accepted: 10-Aug-2006

Granted: N/A

Description

published

in Plant Volume 20, Issue 3

Varieties

Journal:

Title Holder: Annton Nursery Ltd

Agent: Greenhills Propagation Nursery Pty Ltd

Telephone: 0356292443

Fax: 0356292822

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Mirror Plant (*Coprosma repens*)

Variety: 'Goldenglow'

Synonym: N/A

Application no: 2007/006

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Jan-2007

Accepted: 25-Jan-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Growing Spectrum Ltd

Agent: Greenhills Propagation Nursery Pty Ltd

Telephone: 0356292443

Fax: 0356292822

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'Klondike White'

Synonym: N/A

Application no: 2002/161

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Jun-2002

Accepted: 16-Apr-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Zaiger's Inc. Genetics

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Perennial Ryegrass (*Lolium perenne*)

Variety: 'Alto'

Synonym: N/A

Application no: 2007/039

Current status: ACCEPTED

Certificate no: N/A

Received: 24-Jan-2007

Accepted: 05-Mar-2007

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: New Zealand Agriseeds Ltd

Agent: Heritage Seeds Pty Ltd

Telephone: 0260265288

Fax: 0260265268

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



Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Ultra'

Synonym: N/A

Application no: 2003/361

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Dec-2003

Accepted: 25-Feb-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: AARDAPPELKWEEK en SELECTIEBEDRIJF IJSSELMEERPOLDERS BV

Agent: Elders Limited

Telephone: 0884254177

Fax: 0882121193

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





Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Crop 19'

Synonym: Bondi

Application no: 2006/095

Current status: ACCEPTED

Certificate no: N/A

Received: 28-Apr-2006

Accepted: 16-Jun-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

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

Agent: Crop & Food Research Australia Pty Ltd

Telephone: 0260203221

Fax: 0260413939

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Harborough Harvest'

Synonym: N/A

Application no: 2006/194

Current status: ACCEPTED

Certificate no: N/A

Received: 19-Jul-2006

Accepted: 19-Sep-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

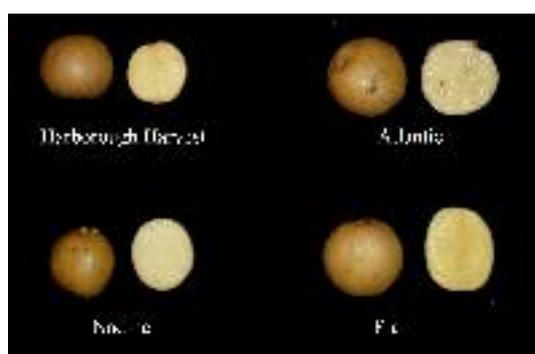
Title Holder: Scottish Crop Research Institute

Agent: Elders Limited

Telephone: 0884254177

Fax: 0882121193

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





Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Crop 32'
Synonym: Purple Delight

Application no: 2006/250

Current status: ACCEPTED

Certificate no: N/A

Received: 30-Aug-2006

Accepted: 26-Oct-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

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

Agent: Crop & Food Research Australia Pty Ltd

Telephone: 0260203221

Fax: 0260413939

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'SUMMER DELIGHT'

Synonym: Crop 17

Application no: 2006/249

Current status: ACCEPTED

Certificate no: N/A

Received: 30-Aug-2006

Accepted: 26-Oct-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

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

Agent: Crop & Food Research Australia Pty Ltd

Telephone: 0260203221

Fax: 0260413939

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Crop 13'

Synonym: N/A

Application no: 2000/032

Current status: ACCEPTED

Certificate no: N/A

Received: 03-Feb-2000

Accepted: 22-Mar-2000

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Varieties Journal:

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

Agent: Crop & Food Research Australia Pty Ltd

Telephone: 0260203221

Fax: 0260413939

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Riceflower (*Ozothamnus diosmifolius*)

Variety: 'Winter White'

Synonym: N/A

Application no: 2006/215

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Jul-2006

Accepted: 13-Sep-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: E.G & E.R. Cook

Agent: Esther Cook

Telephone: 0746975130

Fax: 0746975291

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Kordaelf'

Synonym: N/A

Application no: 2006/097

Current status: ACCEPTED

Certificate no: N/A

Received: 08-May-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published

in Plant Varieties Volume 20, Issue 3

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.](#)





Australian Government
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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Korbreano'

Synonym: N/A

Application no: 2006/096

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 20, Issue 3

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.](#)





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Korcoptru'

Synonym: N/A

Application no: 2006/098

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 20, Issue 3

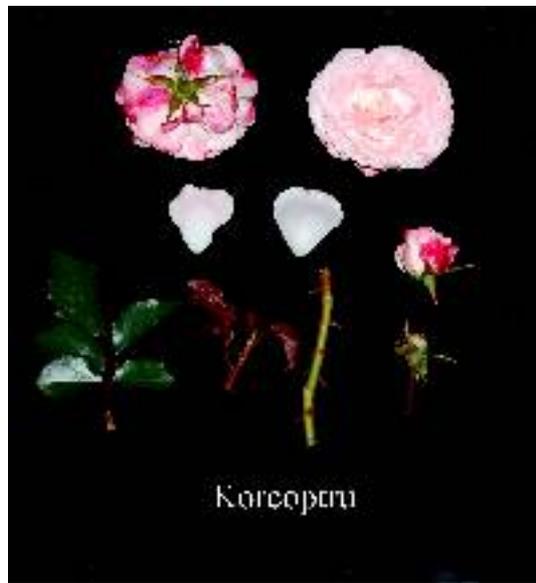
Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG

Agent: Treloar Roses Pty Ltd

Telephone: 0355292367

Fax: 0355292511

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'C99-42'

Synonym: N/A

Application no: 2005/082

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Mar-2005

Accepted: 19-May-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: CostaExchange Ltd

Agent: N/A

Telephone: 0266492921

Fax: 0266492994

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'S210'

Synonym: N/A

Application no: 2006/199

Current status: ACCEPTED

Certificate no: N/A

Received: 25-Jul-2006

Accepted: 10-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

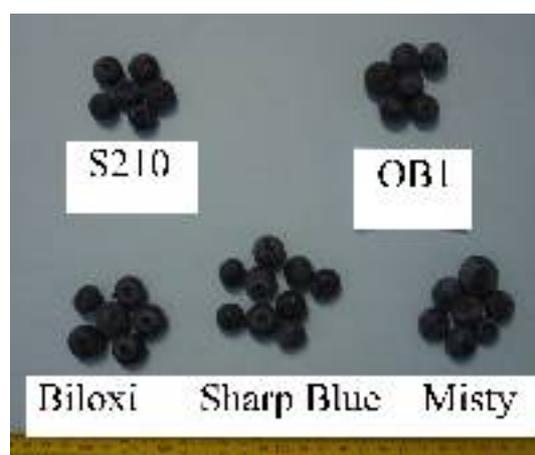
Title Holder: Russell Glover and Gurmukh Singh Atwal

Agent: N/A

Telephone: 0266562338

Fax: N/A

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'Southern Belle'

Synonym: N/A

Application no: 2005/078

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Mar-2005

Accepted: 19-May-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

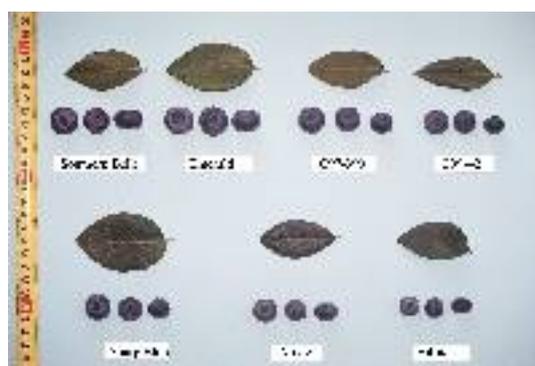
Title Holder: Florida Foundation Seed Producers, Inc

Agent: BerryExchange

Telephone: 0266492921

Fax: 0266492994

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'Emerald'

Synonym: N/A

Application no: 2005/079

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Mar-2005

Accepted: 19-May-2005

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Florida Foundation Seed Producers, Inc

Agent: BerryExchange

Telephone: 0266492921

Fax: 0266492994

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Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'OB1'

Synonym: N/A

Application no: 2006/200

Current status: ACCEPTED

Certificate no: N/A

Received: 25-Jul-2006

Accepted: 10-Aug-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

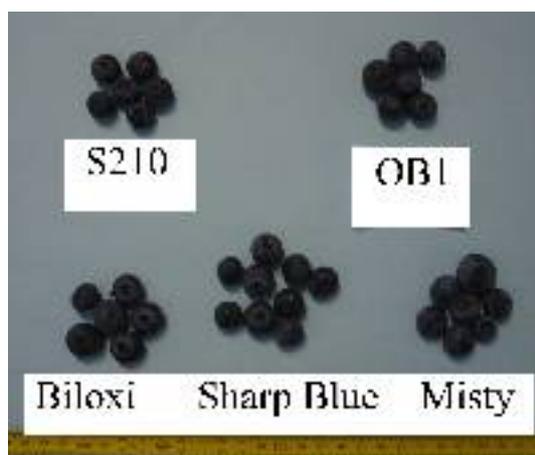
Title Holder: Russell Glover and Gurmukh Singh Atwal

Agent: N/A

Telephone: 0266562338

Fax: N/A

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry (*Vaccinium hybrid*)

Variety: 'C97-390'

Synonym: N/A

Application no: 2005/080

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Mar-2005

Accepted: 19-May-2005

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder:

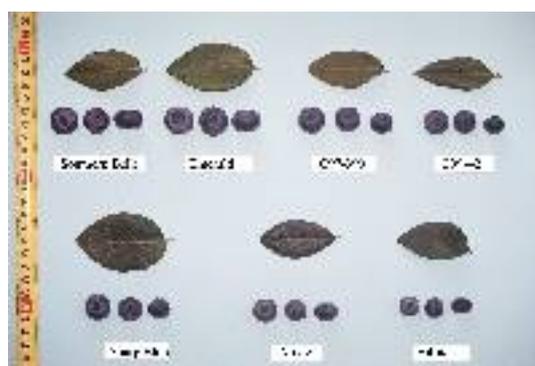
CostaExchange Ltd

Agent: N/A

Telephone: 0266492921

Fax: 0266492994

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'Q227'

Synonym: N/A

Application no: 2006/185

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jul-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Varieties

Title Holder: BSES Limited

Agent: N/A

Telephone: 0733313333

Fax: 0738710383

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'Q226'

Synonym: N/A

Application no: 2006/184

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jul-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Varieties Journal:

Title Holder: BSES Limited

Agent: N/A

Telephone: 0733313333

Fax: 0738710383

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'Q229'

Synonym: N/A

Application no: 2006/186

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jul-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: BSES Limited

Agent: N/A

Telephone: 0733313333

Fax: 0738710383

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'Q230'

Synonym: N/A

Application no: 2006/187

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jul-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Varieties Journal:

Title Holder: BSES Limited

Agent: N/A

Telephone: 0733313333

Fax: 0738710383

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sugarcane (*Saccharum hybrid*)

Variety: 'Q231'

Synonym: N/A

Application no: 2006/188

Current status: ACCEPTED

Certificate no: N/A

Received: 13-Jul-2006

Accepted: 21-Jul-2006

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: BSES Limited

Agent: N/A

Telephone: 0733313333

Fax: 0738710383

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Sweet Cherry (*Prunus avium*)

Variety: 'Sumpaca'

Synonym: Celeste

Application no: 1994/046

Current status: ACCEPTED

Certificate no: N/A

Received: 01-Jul-1993

Accepted: 03-Mar-1994

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Agriculture Canada

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Twinspur (*Diascia barbarae*)

Variety: 'Pender'
Synonym: Little Dreamer

Application no: 2006/029

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Feb-2006

Accepted: 24-Mar-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Sydney James Jones & David Jones

Agent: Plants Management Australia Pty Ltd

Telephone: 0397221444

Fax: 0397221018

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'EGA Eagle Rock'

Synonym: N/A

Application no: 2004/197

Current status: ACCEPTED

Certificate no: N/A

Received: 23-Jun-2004

Accepted: 10-Sep-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: State of Western Australia represented by the Chief Executive Officer, Grains Research and Development Corporation

Agent: N/A

Telephone: 0893683354

Fax: 0893683946

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'Bullaring'

Synonym: N/A

Application no: 2005/346

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Dec-2005

Accepted: 05-Oct-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Varieties Journal:

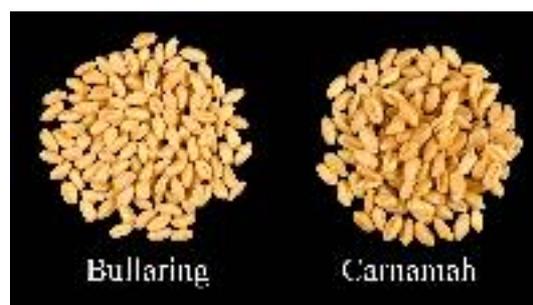
Title Holder: State of Western Australia through its Department of Agriculture and Food, Grains Research and Development Corporation

Agent: N/A

Telephone: 0893683347

Fax: 0893683946

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





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IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'Tammarin Rock'

Synonym: N/A

Application no: 2005/016

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Jan-2005

Accepted: 11-Feb-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Varieties Journal:

Title Holder: State of Western Australia through its Department of Agriculture and Food, Grains Research and Development Corporation

Agent: N/A

Telephone: 0893683347

Fax: 0893683946

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





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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'EGA Jitarning'

Synonym: N/A

Application no: 2003/254

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Aug-2003

Accepted: 21-May-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: State of Western Australia represented by the Chief Executive Officer, Grains Research and Development Corporation

Agent: N/A

Telephone: 0893683354

Fax: 0893683946

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'EGA Castle Rock'

Synonym: N/A

Application no: 2003/253

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Aug-2003

Accepted: 21-May-2004

Granted: N/A

Description published

in Plant Varieties Journal: Volume 20, Issue 3

Title Holder:

State of Western Australia represented by the Chief Executive Officer, Grains Research and Development Corporation

Agent: N/A

Telephone: 0893683354

Fax: 0893683946

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





Australian Government
IP Australia

Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'EGA Blanco'

Synonym: N/A

Application no: 2003/252

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Aug-2003

Accepted: 21-May-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

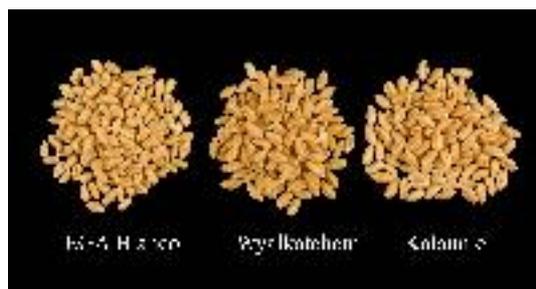
Title Holder: State of Western Australia represented by the Chief Executive Officer, Grains Research and Development Corporation

Agent: N/A

Telephone: 0893683354

Fax: 0893683946

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Plant Varieties Journal

Plant Varieties Journal - Search Result Details

Wheat (*Triticum aestivum*)

Variety: 'QAL3362'

Synonym: N/A

Application no: 2006/292

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Nov-2006

Accepted: 15-Dec-2006

Granted: N/A

Description published in Plant Varieties Journal: Volume 20, Issue 3

Title Holder: Value Added Wheat CRC Limited

Agent: N/A

Telephone: 0294908488

Fax: 0294908503

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



Details of Application

Application Number	2003/055
Variety Name	'Blazing Fantasy'
Genus Species	<i>Schlumbergera truncata</i>
Common Name	Christmas Cactus
Synonym	Nil
Accepted Date	28 Apr 2003
Applicant	Tillington House Pty Limited, Coffs Harbour, NSW
Agent	N/A
Qualified Person	Tony Brindley

Details of Comparative Trial

Location	Loaders Lane, Coffs Harbour NSW 2450
Descriptor	Christmas Cactus (<i>Schlumbergera</i>) TG/101/3
Period	September 2003 to June 2004
Conditions	Plants raised in peat/bark fine mixture in 75mm pots under fibreglass and watered as required, nutrition maintained with slow release fertiliser and regular liquid fertiliser applications during growing period. Pest and disease treatments applied as required.
Trial Design	20 un-replicated plants grown in a commercial greenhouse.
Measurements	Taken from 10 random specimens selected at random from 20 plants.
RHS Chart - edition	1991

Origin and Breeding

Spontaneous mutation: 'Blazing Fantasy' was identified as a phylloclade mutation of one branch of a 'Santa Cruz' plant in a bed of thousands of stock plants around 1997. The foliage was thinner and flower smaller although the same colour. Phylloclades were longer and wider and faster growing than the 'Santa Cruz' stock plants. The mutated phylloclades were removed and propagated and any reversions removed. After the 4th generation the plants were 99% free of reversions. The selected phylloclades have been grown through 7 generations in Australia. Selection criteria: flower shape, growth habit. Propagation: vegetative. Breeder: Graeme Brindley Morgans Road sandy Beach NSW 2456.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	orange-red
Phylloclade	type of incision of margin	serrate
Phylloclade	undulation of margin	weak
Corolla lobe	middle zone	present
Corolla lobe	colour of middle zone	red
Corolla lobe	border between zones	diffuse
Corolla lobe	shape of mouth	elliptic
Stigma	colour	purple
Stamen	colour of filament	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Santa Cruz'	Large red/orange flower
'Sunburst'	Small red/orange flower

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

Organ/Plant Part: Context	'Blazing Fantasy'	'Santa Cruz'	'Sunburst'
<input checked="" type="checkbox"/> Plant: growth habit	semi-upright	upright	semi-upright
<input type="checkbox"/> *Plant: number of phylloclades of 3rd order	few	very few to few	few
<input type="checkbox"/> *Phylloclade: length	medium to long	medium	short
<input type="checkbox"/> *Phylloclade: maximum width	medium to broad	medium	narrow to medium
<input type="checkbox"/> Phylloclade: colour	medium green	dark green	light green to medium green
<input type="checkbox"/> *Phylloclade: type of incision of margin	serrate	serrate	serrate
<input checked="" type="checkbox"/> *Phylloclade: depth of incisions of margin	medium to deep	deep	shallow to medium
<input type="checkbox"/> Phylloclade: curvature in cross section	weak to medium	weak	weak
<input type="checkbox"/> Phylloclade: undulation of margin	weak	weak	weak
<input checked="" type="checkbox"/> *Bud: colour of tip of 1.0 cm long bud	purple	red	purple
<input type="checkbox"/> Bud: intensity of colour of top of 1.0 cm long bud	medium	medium	dark to very dark
<input checked="" type="checkbox"/> *Bud: shape of tip of 1.5 cm long bud	acute	obtuse	acute
<input checked="" type="checkbox"/> *Flower: width	broad	broad to very broad	medium
<input checked="" type="checkbox"/> *Flower: length	long	long	short
<input checked="" type="checkbox"/> Flower: limb	reflexed	flat	reflexed
<input checked="" type="checkbox"/> *Corolla lobe: width	medium	broad	narrow
<input checked="" type="checkbox"/> *Corolla lobe: size of macule in relation to size of lobe	large	large	small to medium
<input checked="" type="checkbox"/> *Corolla lobe: colour of macule (RHS colour chart)	42B bleeding to 38C	43A	44A
<input type="checkbox"/> *Corolla lobe: middle zone	present	present	present
<input type="checkbox"/> *Corolla lobe: colour of middle zone	red	red	red
<input type="checkbox"/> Corolla lobe: border between zones	diffuse	diffuse	diffuse
<input checked="" type="checkbox"/> *Corolla lobe: size of marginal zone	medium	large	medium
<input checked="" type="checkbox"/> *Corolla lobe: colour of marginal zone	43B	43A	44A

zone (RHS colour chart)

<input type="checkbox"/>	Corolla tube: shape of mouth	elliptic	elliptic	elliptic
<input checked="" type="checkbox"/>	Corolla tube: coloured ring at the mouth	present	absent	present
<input checked="" type="checkbox"/>	Corolla tube: width of coloured ring at the mouth	narrow	medium	narrow
<input checked="" type="checkbox"/>	Stamen: length beyond the mouth	long	short	long
<input type="checkbox"/>	Stamen: colour of filament	white	white	white
<input type="checkbox"/>	Pistil: length beyond the mouth	medium	medium to long	short to medium
<input type="checkbox"/>	Stigma: colour	purple	purple	purple
<input checked="" type="checkbox"/>	Ovary: colour	green	green	reddish green
<input checked="" type="checkbox"/>	Time of: beginning of flowering	very early to early	early	early
<input checked="" type="checkbox"/>	Duration of: flowering	medium to long	medium	medium

Statistical Table

Organ/Plant Part: Context	'Blazing Fantasy'	'Santa Cruz'	'Sunburst'
<input checked="" type="checkbox"/> Flower: width (mm)			
Mean	66.0	75.10	58.6
Std. Deviation	0.35	0.23	0.31
LSD/sig	0.37	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: length (mm)			
Mean	69.0	72.4	65.7
Std. Deviation	0.24	0.27	0.22
LSD/sig	0.30	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Corolla lobe: width (cm)			
Mean	1.35	1.67	1.06
Std. Deviation	0.05	0.19	0.15
LSD/sig	0.10	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Corolla lobe : length (cm)			
Mean	3.14	3.36	2.88
Std. Deviation	0.24	0.13	0.12
LSD/sig	0.24	ns	P≤0.01
<input checked="" type="checkbox"/> Corolla lobe: width of throat (cm)			
Mean	0.66	0.83	0.73
Std. Deviation	0.05	0.05	0.08
LSD/sig	0.07	P≤0.01	ns
<input checked="" type="checkbox"/> Pistil: length beyond mouth (mm)			
Mean	3.09	3.33	2.99
Std. Deviation	0.18	0.13	0.11
LSD/sig	0.17	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Phylloclade: length (mm)			
Mean	49.6	49.9	41.8
Std. Deviation	0.57	0.42	0.31
LSD/sig	0.55	P≤0.01	P≤0.01

☑ Phylloclade: width (mm)			
Mean	33.5	33.5	31.1
Std. Deviation	0.28	0.32	0.15
LSD/sig	0.32	ns	P≤0.01
☑ Flower: length ovary to tip of flower (mm)			
Mean	75.50	75.4	67.5
Std. Deviation	0.38	0.25	0.33
LSD/sig	0.40	ns	P≤0.01

Prior Applications and Sales

No prior applications. First sold in Australia in Aug 2002.

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

Details of Application

Application Number	2004/088
Variety Name	'Strawberryfantasy'
Genus Species	<i>Schlumbergera truncata</i>
Common Name	Christmas Cactus
Synonym	Nil
Accepted Date	13 Apr 2004
Applicant	Tillington House Pty Limited, Coffs Harbour, NSW
Agent	N/A
Qualified Person	Tony Brindley

Details of Comparative Trial

Location	Morgans Rd, Sandy Beach NSW 2456.
Descriptor	Christmas Cactus (<i>Schlumbergera</i>) TG/101/3
Period	Sep to Jun 2005.
Conditions	Plants grown under white poly cover with shade cloth sides for ventilation. Cuttings; planted in free draining potting mix in 75mm containers spaced. Watering: automatic irrigation, hand watering as required. Fertiliser: 180 day slow release fertiliser applied as top dress to container. Liquid fertiliser applied in growing season. Pest Management: commercial insecticides and fungicides applied as required.
Trial Design	20 un-replicated plants grown in a commercial greenhouse.
Measurements	Taken from 10 random specimens selected at random from 20 plants.
RHS Chart - edition	1991

Origin and Breeding

Spontaneous mutation: 'Strawberry Fantasy' was identified as a phylloclade mutation of one branch of plant of 'Pasadena' in a bed of thousands of stock plant around 1998-99. The phylloclade was larger and stood above the other 'Pasadena' plants. At flowering a narrower petalled flower was identified different to 'Pasadena' although similar in colour. The mutant phylloclade was removed and propagated. No reversion to the original type was recorded. The mutant plants have been grown through several generations in Australia. Selection criteria: petal shape, phylloclade size. Propagation: vegetative. Breeder: Graeme Brindley Morgans Road sandy Beach NSW 2456.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	deep red
Bud	colour of tip	pink
Phylloclade	type of incision of margin	serrate
Phylloclade	undulation of margin	weak
Corolla tube	coloured ring at the mouth	present
Corolla lobe	border between zones	diffuse
Stamen	length beyond the mouth	long
Stigma	colour	purple
Flowering	duration	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sleigh Bells'	Broader petals.
'Pasadena'	Broad red flower.

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

Organ/Plant Part: Context	'Strawberryfantasy'	'Pasadena'	'Sleigh Bells'
<input type="checkbox"/> Plant: growth habit	upright to semi-upright	upright	upright to semi-upright
<input type="checkbox"/> *Plant: number of phylloclades of 3rd order	few	very few to few	few to medium
<input type="checkbox"/> *Phylloclade: length	medium	medium	medium to long
<input type="checkbox"/> *Phylloclade: maximum width	narrow to medium	narrow	broad to very broad
<input type="checkbox"/> Phylloclade: colour	light green to medium green	light green	medium green to dark green
<input type="checkbox"/> *Phylloclade: type of incision of margin	serrate	serrate	serrate
<input type="checkbox"/> *Phylloclade: depth of incisions of margin	medium to deep	medium	very shallow to shallow
<input type="checkbox"/> Phylloclade: curvature in cross section	weak to medium	weak	weak
<input type="checkbox"/> Phylloclade: undulation of margin	weak	weak	weak
<input type="checkbox"/> *Bud: colour of tip of 1.0 cm long bud	pink	pink	pink
<input type="checkbox"/> Bud: intensity of colour of top of 1.0 cm long bud	light to medium	light to medium	medium
<input type="checkbox"/> *Bud: shape of tip of 1.5 cm long bud	acute	acute	acute
<input type="checkbox"/> *Flower: width	medium to broad	broad	medium to broad
<input type="checkbox"/> *Flower: length	long	medium to long	long
<input checked="" type="checkbox"/> Flower: limb	reflexed	flat	reflexed
<input checked="" type="checkbox"/> *Corolla lobe: width	narrow to medium	broad	medium
<input checked="" type="checkbox"/> *Corolla lobe: size of macule in relation to size of lobe	large	medium	medium
<input checked="" type="checkbox"/> *Corolla lobe: colour of macule (RHS colour chart)	46C	46C	47C
<input type="checkbox"/> *Corolla lobe: middle zone	present	present	present
<input checked="" type="checkbox"/> *Corolla lobe: colour of middle zone	pink	yellow	pink
<input type="checkbox"/> Corolla lobe: border between	diffuse	diffuse	diffuse

zones			
<input type="checkbox"/> *Corolla lobe: size of marginal zone	small to medium	large	large
<input checked="" type="checkbox"/> *Corolla lobe: colour of marginal zone (RHS colour chart)	46C	46C	57A
<input type="checkbox"/> Corolla tube: shape of mouth	elliptic	broad elliptic	elliptic
<input type="checkbox"/> Corolla tube: coloured ring at the mouth	present	present	present
<input type="checkbox"/> Corolla tube: width of coloured ring at the mouth	medium	broad	medium
<input type="checkbox"/> Stamen: length beyond the mouth	long	long	long
<input type="checkbox"/> Stamen: colour of filament	white	white	pink
<input type="checkbox"/> Pistil: length beyond the mouth	long	long to very long	long
<input type="checkbox"/> Stigma: colour	purple	purple	purple
<input checked="" type="checkbox"/> Ovary: colour	reddish green	green	green
<input checked="" type="checkbox"/> Time of: beginning of flowering	early to medium	medium to late	medium
<input type="checkbox"/> Duration of: flowering	medium	medium	medium

Statistical Table

Organ/Plant Part: Context	‘Strawberryfantasy’	‘Pasadena’	‘Sleigh Bells’
<input checked="" type="checkbox"/> Flower: width (cm)			
Mean	7.30	6.98	6.87
Std. Deviation	0.32	0.23	0.39
LSD/sig	0.24	P≤0.01	P≤0.01
<input type="checkbox"/> Flower: length (cm)			
Mean	8.11	8.02	7.97
Std. Deviation	0.40	0.33	0.19
LSD/sig	0.24	ns	P≤0.01
<input checked="" type="checkbox"/> Corolla lobe: width (cm)			
Mean	1.57	2.01	1.56
Std. Deviation	0.18	0.20	0.14
LSD/sig	0.10	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Corolla lobe : length (cm)			
Mean	3.37	3.25	3.13
Std. Deviation	0.23	0.17	0.34
LSD/sig	0.04	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Corolla lobe: width of throat (cm)			
Mean	0.75	0.99	0.87
Std. Deviation	0.12	0.10	0.09
LSD/sig	0.02	P=0.01	P≤0.01
<input checked="" type="checkbox"/> Pistil: length beyond mouth (mm)			

Mean	4.10	4.25	3.29
Std. Deviation	0.24	0.28	0.20
LSD/sig	0.03	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Phylloclade: length (cm)			
Mean	4.98	4.52	5.07
Std. Deviation	0.60	0.50	0.57
LSD/sig	0.04	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Phylloclade: width (cm)			
Mean	3.45	3.09	3.52
Std. Deviation	0.50	0.21	0.23
LSD/sig	0.09	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: length ovary to tip of flower (cm)			
Mean	8.11	7.78	8.16
Std. Deviation	0.40	0.42	0.51
LSD/sig	0.02	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2007/024
Variety Name	'Sicot 43RRF'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	9 Feb 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Campbell, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6.
Period	Summer 2006/07.
Conditions	Field grown irrigated trial with conventional management.
Trial Design	24 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent 'Sicot 43B' x pollen parent line '61601F1' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent 'Sicot 43B' is distinguished from 'Sicot 43RRF' by its lack of CP4 protein expression (Roundup Ready Flex gene). The pollen parent line 61601F1 is distinguished from 'Sicot 43RRF' by its segregation for CP4 protein expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: Absence of Cry1Ac and Cry2Ab genes, presence of Roundup Ready Flex gene, plant habit, resistance to bacterial blight, *verticillium* and *fusarium* wilt, leaf hair, lint %, fibre quality and yield. Breeders: Mr Peter Reid, Dr Greg Constable and Dr Warwick Stiller CSIRO, Narrabri NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	medium
Plant	CP4 protein expression	present
Disease resistance	bacterial blight	resistant
Boll	time of opening	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 43RR'	

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

Organ/Plant Part: Context	'Sicot 43RRF'	'Sicot 43RR'
<input type="checkbox"/> *Flower: colour of petal	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	medium	medium to long
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	medium	medium
<input type="checkbox"/> *Plant: shape	conical	conical
<input type="checkbox"/> *Plant: height	medium	medium
<input type="checkbox"/> *Boll: time of opening	medium	medium
<input type="checkbox"/> *Seed: presence of fuzz	present	present
<input type="checkbox"/> *Fibre: length	medium to long	medium to long
<input type="checkbox"/> Fibre: strength	strong	strong
<input type="checkbox"/> Fibre: fineness	medium	medium
<input type="checkbox"/> Fibre: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicot 43RRF'	'Sicot 43RR'
<input type="checkbox"/> Plant: CP4 protein expression	present	present
<input type="checkbox"/> Disease resistance: bacterial blight	resistant	resistant
<input checked="" type="checkbox"/> Pollen: sterility after glyphosate application	absent	present
<input checked="" type="checkbox"/> Boll: development after glyphosate application	present	absent

Statistical Table

Organ/Plant Part: Context	'Sicot 43RRF'	'Sicot 43RR'
<input type="checkbox"/> Plant: height (cm)		
Mean	77.63	83.32

Std. Deviation	4.44	6.64
LSD/sig	6.63	ns
<input type="checkbox"/> Plant: nodes to first fruiting branch		
Mean	7.08	7.72
Std. Deviation	0.29	1.20
LSD/sig	0.90	ns
<input checked="" type="checkbox"/> Plant: distance to first fruiting branch (cm)		
Mean	14.18	19.18
Std. Deviation	1.22	1.35
LSD/sig	2.53	P≤0.01
<input checked="" type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	89.40	118.97
Std. Deviation	9.79	10.67
LSD/sig	13.39	P≤0.01
<input type="checkbox"/> Peduncle: length (mm)		
Mean	21.42	19.85
Std. Deviation	2.47	2.41
LSD/sig	2.91	ns
<input checked="" type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	5.46	3.90
Std. Deviation	0.85	0.96
LSD/sig	1.28	P≤0.01
<input type="checkbox"/> Boll: lint proportion (%)		
Mean	42.67	43.02
Std. Deviation	1.27	2.21
LSD/sig	1.78	ns
<input type="checkbox"/> Boll: seed index		
Mean	11.76	11.33
Std. Deviation	0.64	0.80
LSD/sig	0.65	ns
<input type="checkbox"/> Boll: lint index		
Mean	8.75	8.55
Std. Deviation	0.34	0.52
LSD/sig	0.61	ns
<input type="checkbox"/> Boll: weight (g)		
Mean	5.84	5.59
Std. Deviation	0.82	0.44
LSD/sig	0.68	ns
<input type="checkbox"/> Fibre: length (mm)		
Mean	30.54	30.48
Std. Deviation	0.88	1.28
LSD/sig	0.95	ns
<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	85.19	85.12
Std. Deviation	0.86	1.54
LSD/sig	1.17	ns

<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	32.88	32.75
Std. Deviation	1.24	1.04
LSD/sig	1.43	ns
<input type="checkbox"/> Fibre: extension (%)		
Mean	4.78	5.92
Std. Deviation	1.01	0.56
LSD/sig	0.97	P≤0.01
<input type="checkbox"/> Fibre: micronaire		
Mean	4.70	4.90
Std. Deviation	0.31	0.30
LSD/sig	0.35	ns

Prior Applications and Sales

No prior applications. First sold in Australia in September 2006.

Description: **Warwick Stiller**, CSIRO, Narrabri, NSW.

Details of Application

Application Number	2007/023
Variety Name	'Sicot 43BRF'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	9 Feb 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Campbell, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6.
Period	Summer 2006/07.
Conditions	Field grown irrigated trial with conventional management.
Trial Design	24 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent 'Sicot 43B' x pollen parent line 61601F1 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent 'Sicot 43B' is distinguished from 'Sicot 43BRF' by its lack of CP4 protein expression (Roundup Ready Flex gene). The pollen parent line 61601F1 is distinguished from 'Sicot 43BRF' by its segregation for CP4 protein expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: Cry1Ac, Cry2Ab and Roundup Ready Flex genes, plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint %, fibre quality and yield. Breeders: Mr Peter Reid, Dr Greg Constable and Dr Warwick Stiller CSIRO, Narrabri, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	medium
Plant	Cry1Ac protein expression	present
Plant	Cry2Ab protein expression	present
Plant	CP4 protein expression	present
Boll	time of opening	early to medium
Disease resistance	bacterial blight	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 43BR'	

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

Organ/Plant Part: Context	'Sicot 43BRF'	'Sicot 43BR'
<input type="checkbox"/> *Flower: colour of petal	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	medium	medium
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	short to medium	medium
<input type="checkbox"/> *Plant: shape	conical	conical
<input type="checkbox"/> *Plant: height	medium	medium
<input type="checkbox"/> *Boll: time of opening	early to medium	early to medium
<input type="checkbox"/> *Seed: presence of fuzz	present	present
<input type="checkbox"/> *Fibre: length	medium to long	medium to long
<input type="checkbox"/> Fibre: strength	strong	strong
<input type="checkbox"/> Fibre: fineness	medium	medium
<input type="checkbox"/> Fibre: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicot 43BRF'	'Sicot 43BR'
<input type="checkbox"/> Plant: Cry1Ac protein expression	present	present
<input type="checkbox"/> Plant: Cry2Ab protein expression	present	present
<input type="checkbox"/> Plant: CP4 protein expression	present	present
<input type="checkbox"/> Disease resistance: bacterial blight	resistant	resistant
<input checked="" type="checkbox"/> Pollen: sterility after glyphosate application	absent	present
<input checked="" type="checkbox"/> Boll: development after glyphosate application	present	absent

Statistical Table

Organ/Plant Part: Context	'Sicot 43BRF'	'Sicot 43BR'
<input type="checkbox"/> Plant: height (cm)		

Mean	72.28	78.43
Std. Deviation	4.44	4.74
LSD/sig	6.63	ns
<input type="checkbox"/> Plant: nodes to first fruiting branch		
Mean	7.05	6.70
Std. Deviation	0.29	0.67
LSD/sig	0.9	ns
<input type="checkbox"/> Plant: distance to first fruiting branch (cm)		
Mean	14.64	13.00
Std. Deviation	1.21	2.49
LSD/sig	2.53	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	95.88	96.48
Std. Deviation	9.79	6.98
LSD/sig	13.39	ns
<input type="checkbox"/> Peduncle: length (mm)		
Mean	19.52	17.48
Std. Deviation	2.47	1.89
LSD/sig	2.91	ns
<input type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	4.86	5.23
Std. Deviation	0.85	1.75
LSD/sig	1.28	ns
<input type="checkbox"/> Boll: lint proportion (%)		
Mean	41.31	41.77
Std. Deviation	1.27	2.01
LSD/sig	1.78	ns
<input type="checkbox"/> Boll: seed index		
Mean	10.94	11.56
Std. Deviation	0.64	0.66
LSD/sig	0.65	ns
<input type="checkbox"/> Boll: lint index		
Mean	7.70	8.28
Std. Deviation	0.34	0.24
LSD/sig	0.61	ns
<input type="checkbox"/> Boll: weight (g)		
Mean	5.54	5.75
Std. Deviation	0.82	0.86
LSD/sig	0.68	ns
<input type="checkbox"/> Fibre: length (mm)		
Mean	30.73	30.35
Std. Deviation	0.68	0.53
LSD/sig	0.95	ns
<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	85.25	84.32
Std. Deviation	1.34	0.38
LSD/sig	1.17	ns

<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	32.75	32.80
Std. Deviation	1.36	1.51
LSD/sig	1.43	ns
<input type="checkbox"/> Fibre: extension (%)		
Mean	4.37	5.35
Std. Deviation	1.22	0.90
LSD/sig	0.97	ns
<input type="checkbox"/> Fibre: micronaire		
Mean	4.74	4.62
Std. Deviation	0.27	0.38
LSD/sig	0.35	ns

Prior Applications and Sales

No prior applications. First sold in Australia in September 2006.

Description: **Warwick Stiller**, CSIRO, Narrabri, NSW.

Details of Application

Application Number	2007/022
Variety Name	'Sicala 60BRF'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	9 Feb 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Campbell, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6.
Period	2006/07 summer.
Conditions	Field grown irrigated trial with conventional management.
Trial Design	24 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	Australian Cotton Research Institute, Narrabri, NSW

Origin and Breeding

Controlled pollination: seed parent line 20466 x pollen parent line 61601F1 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line 20466 is distinguished from 'Sicala 60BRF' by its lack of CP4 protein expression (Roundup Ready Flex gene). The pollen parent line 61601F1 is distinguished from 'Sicala 60BRF' by its segregation for CP4 protein expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: Cry1Ac, Cry2Ab and Roundup Ready Flex genes, plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint %, fibre quality and yield. Breeders: Mr Peter Reid, Dr Greg Constable and Dr Warwick Stiller CSIRO, Narrabri, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	medium
Plant	Cry1Ac protein expression	present
Plant	Cry2Ab protein expression	present
Plant	CP4 protein expression	present
Boll	time of opening	medium
Disease resistance	bacterial blight	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicala 60BR'	

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

Organ/Plant Part: Context	'Sicala 60BRF'	'Sicala 60BR'
<input type="checkbox"/> *Flower: colour of petal	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input type="checkbox"/> Fruiting branch: length	medium	medium
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	medium	medium
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	medium	medium
<input type="checkbox"/> *Plant: shape	conical	conical
<input type="checkbox"/> *Plant: height	medium	medium
<input type="checkbox"/> *Boll: time of opening	medium	medium
<input type="checkbox"/> *Seed: presence of fuzz	present	present
<input type="checkbox"/> *Fibre: length	medium to long	medium to long
<input type="checkbox"/> Fibre: strength	strong	strong
<input type="checkbox"/> Fibre: fineness	medium	medium
<input type="checkbox"/> Fibre: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicala 60BRF'	'Sicala 60BR'
<input type="checkbox"/> Plant: Cry1Ac protein expression	present	present
<input type="checkbox"/> Disease resistance: bacterial blight	resistant	resistant
<input checked="" type="checkbox"/> Pollen: sterility after glyphosate application	absent	present
<input checked="" type="checkbox"/> Boll: development after glyphosate application	present	absent
<input type="checkbox"/> Plant: Cry2Ab protein expression	present	present
<input type="checkbox"/> Plant: CP4 protein expression	present	present

Statistical Table

Organ/Plant Part: Context	'Sicala 60BRF'	'Sicala 60BR'
<input type="checkbox"/> Plant: height (cm)		
Mean	78.70	76.97
Std. Deviation	3.52	4.50
LSD/sig	6.63	ns
<input type="checkbox"/> Plant: nodes to first fruiting branch		
Mean	7.38	6.83
Std. Deviation	0.56	0.27
LSD/sig	0.90	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	99.33	99.27
Std. Deviation	5.78	4.86
LSD/sig	13.39	ns
<input type="checkbox"/> Plant: distance to first fruiting branch (cm)		
Mean	15.11	14.12
Std. Deviation	1.31	1.38
LSD/sig	2.53	ns
<input type="checkbox"/> Peduncle: length (mm)		
Mean	22.56	20.00
Std. Deviation	3.14	2.37
LSD/sig	2.91	ns
<input type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	5.91	5.27
Std. Deviation	0.88	1.09
LSD/sig	1.28	ns
<input type="checkbox"/> Boll: lint proportion (%)		
Mean	41.33	41.85
Std. Deviation	1.41	1.47
LSD/sig	1.78	ns
<input type="checkbox"/> Boll: seed index		
Mean	11.85	12.18
Std. Deviation	0.37	0.79
LSD/sig	0.65	ns
<input type="checkbox"/> Boll: lint index		
Mean	8.35	8.78
Std. Deviation	0.46	0.84
LSD/sig	0.61	ns
<input type="checkbox"/> Boll: weight (g)		
Mean	5.71	6.10
Std. Deviation	0.46	0.87
LSD/sig	0.68	ns
<input type="checkbox"/> Fibre: length (mm)		
Mean	30.73	30.73
Std. Deviation	1.06	1.10
LSD/sig	0.95	ns

<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	85.33	85.00
Std. Deviation	1.31	1.39
LSD/sig	1.17	ns
<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	32.62	32.10
Std. Deviation	1.37	1.73
LSD/sig	1.43	ns
<input type="checkbox"/> Fibre: extension (%)		
Mean	4.74	4.27
Std. Deviation	0.51	0.68
LSD/sig	0.97	ns
<input type="checkbox"/> Fibre: micronaire		
Mean	4.58	4.88
Std. Deviation	0.36	0.29
LSD/sig	0.35	ns

Prior Applications and Sales

No prior applications. First sold in Australia in September 2006.

Description: **Warwick Stiller**, CSIRO, Narrabri, NSW.

Details of Application

Application Number	2007/025
Variety Name	'Sicot 80BRF'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	9 Feb 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Campbell, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6.
Period	Summer 2006/07.
Conditions	Field grown irrigated trial with conventional management.
Trial Design	24 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent 'Sicot 80B' x pollen parent line 61602F1 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent 'Sicot 80B' is distinguished from 'Sicot 80BRF' by its lack of CP4 protein expression (Roundup Ready Flex gene). The pollen parent line 61602F1 is distinguished from 'Sicot 80BRF' by its segregation for CP4 protein expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: Cry1Ac, Cry2Ab and Roundup Ready Flex genes, plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint %, fibre quality and yield. Breeders: Dr Greg Constable, Mr Peter Reid and Dr Warwick Stiller CSIRO, Narrabri, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	medium to tall
Plant	Cry1Ac protein expression	present
Plant	Cry2Ab protein expression	present
Boll	time of opening	medium to late
Disease resistance	bacterial blight	resistant
Disease resistance	verticillium wilt	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 80B'	
'Sicot 289BR'	

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

Organ/Plant Part: Context	'Sicot 80BRF'	'Sicot 289BR'	'Sicot 80B'
<input type="checkbox"/> *Flower: colour of petal	cream	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above	above
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	medium	medium	medium
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present	present
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	medium	medium	medium
<input type="checkbox"/> *Plant: shape	conical	conical	conical
<input type="checkbox"/> *Plant: height	medium to tall	medium to tall	medium to tall
<input type="checkbox"/> *Boll: time of opening	medium to late	medium to late	medium to late
<input type="checkbox"/> *Seed: presence of fuzz	present	present	present
<input type="checkbox"/> *Fibre: length	medium to long	medium to long	medium to long
<input type="checkbox"/> Fibre: strength	strong	strong	strong
<input type="checkbox"/> Fibre: fineness	medium	medium	medium
<input type="checkbox"/> Fibre: colour	white	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicot 80BRF'	'Sicot 289BR'	'Sicot 80B'
<input type="checkbox"/> Plant: Cry1Ac protein expression	present	present	present
<input type="checkbox"/> Plant: Cry2Ab protein expression	present	present	present
<input checked="" type="checkbox"/> Plant: CP4 protein expression	present	present	absent
<input type="checkbox"/> Disease resistance: bacterial blight	resistant	resistant	resistant
<input checked="" type="checkbox"/> Pollen: sterility after glyphosate	absent	present	

application

<input checked="" type="checkbox"/> Boll: development after glyphosate application	present	absent	
<input type="checkbox"/> Disease resistance: verticillium wilt	resistant	resistant	resistant

Statistical Table

Organ/Plant Part: Context	'Sicot 80BRF'	'Sicot 289BR'	'Sicot 80B'
<input type="checkbox"/> Plant: height (cm)			
Mean	85.38	80.83	80.38
Std. Deviation	8.10	2.93	4.28
LSD/sig	6.63	ns	ns
<input type="checkbox"/> Plant: nodes to first fruiting branch			
Mean	6.93	6.57	6.92
Std. Deviation	0.64	0.75	0.64
LSD/sig	0.90	ns	ns
<input type="checkbox"/> Plant: distance to first fruiting branch (cm)			
Mean	14.48	13.72	14.67
Std. Deviation	2.36	1.79	2.00
LSD/sig	2.53	ns	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)			
Mean	90.87	95.53	90.95
Std. Deviation	11.98	11.49	11.24
LSD/sig	13.39	ns	ns
<input type="checkbox"/> Peduncle: length (mm)			
Mean	21.75	21.92	20.60
Std. Deviation	1.58	1.45	2.15
LSD/sig	2.91	ns	ns
<input type="checkbox"/> Stigma: distance above stamens (mm)			
Mean	4.18	3.43	4.40
Std. Deviation	1.02	1.68	0.85
LSD/sig	1.28	ns	ns
<input type="checkbox"/> Boll: lint proportion (%)			
Mean	41.27	40.45	41.03
Std. Deviation	2.42	0.97	2.21
LSD/sig	1.78	ns	ns
<input type="checkbox"/> Boll: seed index			
Mean	11.39	11.41	11.14
Std. Deviation	0.47	0.67	0.80
LSD/sig	0.65	ns	ns
<input type="checkbox"/> Boll: lint index			
Mean	8.02	7.62	7.73
Std. Deviation	0.70	0.59	0.52
LSD/sig	0.61	ns	ns
<input type="checkbox"/> Boll: weight (g)			
Mean	5.75	6.05	5.54
Std. Deviation	0.68	0.99	0.44

LSD/sig	0.68	ns	ns
<input type="checkbox"/> Fibre: length (mm)			
Mean	30.47	30.65	30.99
Std. Deviation	0.55	0.62	0.98
LSD/sig	0.95	ns	ns
<input type="checkbox"/> Fibre: length uniformity (%)			
Mean	84.69	84.50	85.25
Std. Deviation	0.91	0.66	0.72
LSD/sig	1.17	ns	ns
<input type="checkbox"/> Fibre: strength (g/tex)			
Mean	32.60	32.35	33.13
Std. Deviation	0.82	1.60	1.27
LSD/sig	1.43	ns	ns
<input checked="" type="checkbox"/> Fibre: extension (%)			
Mean	6.17	4.67	6.28
Std. Deviation	0.52	0.59	1.83
LSD/sig	0.97	P≤0.01	ns
<input type="checkbox"/> Fibre: micronaire			
Mean	4.84	4.95	5.03
Std. Deviation	0.28	0.31	0.41
LSD/sig	0.35	ns	ns

Prior Applications and Sales

No prior applications. First sold in Australia in September 2006.

Description: **Warwick Stiller**, CSIRO, Narrabri, NSW.

Details of Application

Application Number	2007/026
Variety Name	'Sicot 80RRF'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	9 Feb 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Campbell, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	UPOV TG for cotton
Period	Cotton (<i>Gossypium</i>) TG/88/6.
Conditions	Field grown irrigated trial with conventional management.
Trial Design	24 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent 'Sicot 80B' x pollen parent line 61604F1 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent 'Sicot 80B' is distinguished from 'Sicot 80RRF' by its lack of CP4 protein expression (Roundup Ready Flex gene). The pollen parent line 61604F1 is distinguished from 'Sicot 80RRF' by its segregation for CP4 protein expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: absence of Cry1Ac and Cry2Ab genes, presence of Roundup Ready Flex gene, plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint %, fibre quality and yield. Breeders: Dr Greg Constable, Mr Peter Reid and Dr Warwick Stiller CSIRO, Narrabri NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	medium to all
Plant	CP4 protein expression	present
Boll	time of opening	medium to late
Disease resistance	bacterial blight	resistant
Disease resistance	verticillium wilt	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 80RR'	

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

Organ/Plant Part: Context	'Sicot 80RRF'	'Sicot 80RR'
<input type="checkbox"/> *Flower: colour of petal	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	medium	medium
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	medium	medium
<input type="checkbox"/> *Plant: shape	conical	conical
<input type="checkbox"/> *Plant: height	medium to tall	medium to tall
<input type="checkbox"/> *Boll: time of opening	medium to late	medium to late
<input type="checkbox"/> *Seed: presence of fuzz	present	present
<input type="checkbox"/> *Fibre: length	medium to long	medium to long
<input type="checkbox"/> Fibre: strength	strong	strong
<input type="checkbox"/> Fibre: fineness	medium	medium
<input type="checkbox"/> Fibre: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicot 80RRF'	'Sicot 80RR'
<input type="checkbox"/> Plant: CP4 protein expression	present	present
<input type="checkbox"/> Disease resistance: bacterial blight	resistant	resistant
<input checked="" type="checkbox"/> Pollen: sterility after glyphosate application	absent	present
<input checked="" type="checkbox"/> Boll: development after glyphosate application	present	absent
<input type="checkbox"/> Disease resistance: verticillium wilt	resistant	resistant

Statistical Table

Organ/Plant Part: Context	'Sicot 80RRF'	'Sicot 80RR'
<input type="checkbox"/> Plant: height (cm)		
Mean	81.96	83.63
Std. Deviation	4.59	3.71
LSD/sig	6.63	ns
<input type="checkbox"/> Plant: nodes to first fruiting branch		
Mean	7.00	6.60
Std. Deviation	0.94	0.42
LSD/sig	0.90	ns
<input type="checkbox"/> Plant: distance to first fruiting branch (cm)		
Mean	14.66	14.12
Std. Deviation	2.40	1.69
LSD/sig	2.53	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	99.87	96.23
Std. Deviation	12.59	6.28
LSD/sig	13.39	ns
<input type="checkbox"/> Peduncle: length (mm)		
Mean	22.98	24.82
Std. Deviation	1.08	1.36
LSD/sig	2.91	ns
<input type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	5.26	6.20
Std. Deviation	1.41	0.98
LSD/sig	1.28	ns
<input type="checkbox"/> Boll: lint proportion (%)		
Mean	41.46	41.53
Std. Deviation	1.28	0.98
LSD/sig	1.78	ns
<input type="checkbox"/> Boll: seed index		
Mean	11.39	11.34
Std. Deviation	0.52	0.58
LSD/sig	0.65	ns
<input type="checkbox"/> Boll: lint index		
Mean	8.08	8.05
Std. Deviation	0.59	0.29
LSD/sig	0.61	ns
<input type="checkbox"/> Boll: weight (g)		
Mean	5.78	5.40
Std. Deviation	0.54	0.21
LSD/sig	0.68	ns
<input type="checkbox"/> Fibre: length (mm)		
Mean	30.94	31.07
Std. Deviation	0.61	0.26
LSD/sig	0.95	ns

<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	84.73	85.38
Std. Deviation	0.86	0.60
LSD/sig	1.17	ns
<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	33.20	33.50
Std. Deviation	1.16	1.22
LSD/sig	1.43	ns
<input type="checkbox"/> Fibre: extension (%)		
Mean	6.44	6.73
Std. Deviation	0.84	0.34
LSD/sig	0.97	ns
<input type="checkbox"/> Fibre: micronaire		
Mean	4.52	4.58
Std. Deviation	0.33	0.33
LSD/sig	0.35	ns

Prior Applications and Sales

No prior applications. First sold in Australia in September 2006.

Description: **Warwick Stiller**, CSIRO, Narrabri, NSW.

Details of Application

Application Number	2007/027
Variety Name	'Sicot 81'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	9 Feb 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Campbell, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW; Dalby, QLD; North Star, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6
Period	Summer 2006/07.
Conditions	Morphology trial: field grown irrigated trial with conventional management. Fibre quality: field grown dryland trials with conventional management.
Trial Design	Morphology trial: 24 entry trial in a row and column design with six replicates and two rows x 14m plots. Fibre quality: 55 entry trial in a row and column design with four replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Lint % and fibre quality measurements taken on a 400g subsample from the harvest of a whole row. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: In the 1994/95 season line 90003-118 was crossed with 'Sicot 189' at ACRI, Narrabri. Following seed increase in the glasshouse during winter 1995, in the 1995/96 season approximately 300 plants were selected on the basis of leaf hair, lint percentage and fibre quality. Following progeny row testing for yield, disease resistance and fibre quality in 1996/97. Fifteen lines proceeded to replicated, multi site trials. The best line from this screening was 94215-442. Single plants from this line were then selected in 2000/01 and 90 lines proceeded to progeny rows in 2001/02. From these 33 lines proceeded to replicated, multi site trials. From this screening 94215-442-179 was chosen and is to be named 'Sicot 81'. Over the seasons of trialing to date emphasis has been placed on yield performance in hot season and dryland environments, together with verticillium and fusarium wilt situations. Breeders: Dr Greg Constable and Dr Warwick Stiller, CSIRO, Narrabri, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Disease resistance	Fusarium wilt	moderate resistance
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	tall
Boll	size	medium to large
Boll	time of opening	late
Disease resistance	bacterial blight	resistant
Disease resistance	Verticillium wilt	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Sicot 80’	‘Sicot 81’ is a selection from ‘Sicot 80’.

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

Organ/Plant Part: Context	‘Sicot 81’	‘Sicot 80’
<input type="checkbox"/> *Flower: colour of petal	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input type="checkbox"/> Fruiting branch: length	medium to long	medium to long
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: number of nodes	medium	medium
<input type="checkbox"/> Fruiting branch: average internode length	medium to long	medium to long
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present
<input type="checkbox"/> Boll: size	medium to large	medium to large
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	medium to long	medium
<input type="checkbox"/> *Plant: shape	conical	conical
<input type="checkbox"/> *Plant: height	tall	tall
<input type="checkbox"/> *Boll: time of opening	late	late
<input type="checkbox"/> *Seed: presence of fuzz	present	present
<input checked="" type="checkbox"/> *Fibre: length	medium to long	medium to long
<input checked="" type="checkbox"/> Fibre: strength	strong	strong

<input type="checkbox"/> Fibre: fineness	medium	medium
<input type="checkbox"/> Fibre: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sicot 81'	'Sicot 80'
<input type="checkbox"/> Disease resistance: Fusarium wilt	moderate resistance	moderate resistance
<input type="checkbox"/> Disease resistance: bacterial blight	resistant	resistant
<input type="checkbox"/> Disease resistance: Verticillium wilt	resistant	resistant

Statistical Table

Organ/Plant Part: Context	'Sicot 81'	'Sicot 80'
<input type="checkbox"/> Plant: height (cm)		
Mean	83.68	84.67
Std. Deviation	3.64	2.72
LSD/sig	6.63	ns
<input type="checkbox"/> Plant: nodes to first fruiting branch		
Mean	7.05	7.08
Std. Deviation	0.35	0.55
LSD/sig	0.90	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	106.73	107.92
Std. Deviation	9.88	5.90
LSD/sig	13.39	ns
<input checked="" type="checkbox"/> Fibre: length (mm)		
Mean	27.67	26.84
Std. Deviation	1.78	1.78
LSD/sig	0.71	P≤0.01
<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	81.47	80.93
Std. Deviation	1.61	1.61
LSD/sig	0.85	ns
<input checked="" type="checkbox"/> Fibre: strength (g/tex)		
Mean	30.12	27.93
Std. Deviation	1.53	1.76
LSD/sig	1.35	P≤0.01
<input type="checkbox"/> Fibre: extension (%)		
Mean	7.05	7.49
Std. Deviation	0.90	1.15
LSD/sig	0.49	ns
<input type="checkbox"/> Fibre: micronaire		
Mean	4.28	4.18
Std. Deviation	0.32	0.26
LSD/sig	0.27	ns
<input type="checkbox"/> Plant: distance to first fruiting branch (cm)		
Mean	15.65	15.87
Std. Deviation	1.70	1.38
LSD/sig	2.53	ns

<input type="checkbox"/> Peduncle: length (mm)		
Mean	25.04	22.12
Std. Deviation	2.14	1.54
LSD/sig	2.91	P≤0.01
<input type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	4.38	4.30
Std. Deviation	0.87	0.81
LSD/sig	1.28	ns
<input type="checkbox"/> Boll: lint proportion (%)		
Mean	42.36	41.75
Std. Deviation	1.40	1.91
LSD/sig	1.78	ns
<input type="checkbox"/> Boll: seed index		
Mean	11.67	11.65
Std. Deviation	0.66	0.39
LSD/sig	0.65	ns
<input type="checkbox"/> Boll: lint index		
Mean	8.58	8.37
Std. Deviation	0.54	0.66
LSD/sig	0.61	ns
<input type="checkbox"/> Boll: weight (g)		
Mean	5.97	5.94
Std. Deviation	0.50	0.67
LSD/sig	0.68	ns

Prior Applications and Sales

No prior applications. First sold in Australia in September 2006.

Description: **Warwick Stiller**, CSIRO, Narrabri, NSW.

Details of Application

Application Number	2007/028
Variety Name	'Siokra 24B'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	9 Feb 2007
Applicant	Commonwealth Scientific and Industrial Research Organisation, Campbell, ACT
Agent	N/A
Qualified Person	Warwick Stiller

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	Cotton (<i>Gossypium</i>) TG/88/6
Period	Summer 2006/07.
Conditions	Field grown irrigated trial with conventional management.
Trial Design	24 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Yield components and fibre quality measurements taken on a hand harvested sample of three consecutive plants. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.

RHS Chart - edition**Origin and Breeding**

Controlled pollination: seed parent 'Siokra 24' x pollen parent line 20436F1 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent 'Siokra 24' is distinguished from 'Siokra 24B' by its lack of Cry1Ac and Cry2Ab protein expression. The pollen parent line 20436F1 is distinguished from 'Siokra 24B' by its segregation for Cry1Ac and Cry2Ab protein expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: Cry1Ac and Cry2Ab genes, plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Breeders: Dr Warwick Stiller, Dr Greg Constable and Mr Peter Reid CSIRO, Narrabri, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	digitate
Leaf	pubescence	weak
Plant	habit	erect
Plant	Cry1Ac expression	present
Plant	Cry2Ab expression	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Siokra V-16B'	

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

Organ/Plant Part: Context	‘Siokra 24B’	‘Siokra V-16B’
<input type="checkbox"/> *Flower: colour of petal	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	long	medium to long
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	high	medium
<input type="checkbox"/> *Leaf: shape	digitate	digitate
<input type="checkbox"/> *Leaf: pubescence	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present
<input checked="" type="checkbox"/> Boll: size	medium	large
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	medium	long
<input type="checkbox"/> *Plant: shape	conical	conical
<input checked="" type="checkbox"/> *Plant: height	tall	medium to tall
<input type="checkbox"/> *Boll: time of opening	late	medium to late
<input type="checkbox"/> *Seed: presence of fuzz	present	present
<input type="checkbox"/> *Fibre: length	medium to long	medium to long
<input type="checkbox"/> Fibre: strength	strong	strong
<input type="checkbox"/> Fibre: fineness	medium	medium
<input type="checkbox"/> Fibre: colour	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Siokra 24B’	‘Siokra V-16B’
<input type="checkbox"/> Plant: Cry1Ac expression	present	present
<input type="checkbox"/> Plant: Cry2Ab expression	present	present

Statistical Table

Organ/Plant Part: Context	'Siokra 24B'	'Siokra V-16B'
<input type="checkbox"/> Fibre: length (mm)		
Mean	31.50	30.73
Std. Deviation	0.77	0.64
LSD/sig	0.95	ns
<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	85.54	85.48
Std. Deviation	0.53	0.69
LSD/sig	1.18	ns
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	91.32	82.95
Std. Deviation	5.39	5.05
LSD/sig	6.63	P≤0.01
<input type="checkbox"/> Plant: nodes to first fruiting branch		
Mean	9.11	7.52
Std. Deviation	1.02	0.51
LSD/sig	0.90	P≤0.01
<input type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	122.60	104.75
Std. Deviation	10.01	5.70
LSD/sig	13.39	P≤0.01
<input type="checkbox"/> Plant: distance to first fruiting branch (cm)		
Mean	21.23	15.23
Std. Deviation	3.35	1.44
LSD/sig	2.53	P≤0.01
<input type="checkbox"/> Peduncle: length (mm)		
Mean	21.85	27.78
Std. Deviation	2.36	1.83
LSD/sig	2.91	P≤0.01
<input checked="" type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	2.48	4.98
Std. Deviation	0.67	0.98
LSD/sig	1.28	P≤0.01
<input checked="" type="checkbox"/> Boll: lint proportion (%)		
Mean	40.18	38.40
Std. Deviation	1.24	1.50
LSD/sig	1.78	P≤0.01
<input type="checkbox"/> Boll: seed index		
Mean	11.65	12.27
Std. Deviation	0.33	0.74
LSD/sig	0.65	ns
<input type="checkbox"/> Boll: lint index		
Mean	7.83	7.65
Std. Deviation	0.04	0.63
LSD/sig	0.61	ns
<input checked="" type="checkbox"/> Boll: weight (g)		

Mean	5.58	6.43
Std. Deviation	0.57	0.54
LSD/sig	0.68	P≤0.01
<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	33.46	33.83
Std. Deviation	1.04	1.51
LSD/sig	1.43	ns
<input type="checkbox"/> Fibre: extension (%)		
Mean	5.82	5.10
Std. Deviation	0.46	0.60
LSD/sig	0.97	ns
<input type="checkbox"/> Fibre: micronaire		
Mean	4.68	4.75
Std. Deviation	0.30	0.37
LSD/sig	0.35	ns

Prior Applications and Sales

No prior applications. First sold in Australia in September 2006.

Description: **Warwick Stiller**, CSIRO, Narrabri, NSW.

Details of Application

Application Number	2000/165
Variety Name	'Coconut Ice'
Genus Species	<i>Lavandula angustifolia</i>
Common Name	English Lavender
Synonym	Nil
Accepted Date	27 Nov 2000
Applicant	Lavenite Enterprises, Christchurch, New Zealand
Agent	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	LAV013
Location	West Melton New Zealand
Descriptor	<i>Lavandula (Lavandula)</i> TG/194/1
Period	1996-1997 in New Zealand, spring to summer 2006 in Australia.
Conditions	The description is based on overseas data from the Plant Variety Rights Office in New Zealand. This data was taken during 1996-1997. The overseas data was confirmed by a verification trial at Greenhills Propagation Nursery, Tynong VIC in 2005-2006. Trial conducted under full sun, plants grown in commercial pinebark based potting mix and watered overhead.
Trial Design	10 plants in block design
Measurements	Taken from flowering plants in pots
RHS Chart - edition	1995

Origin and Breeding

Open pollination followed by seedling selection: Seed was collected from *Lavandula angustifolia* 'Rosea', sown and the selection was made on the basis of flower colour on breeder's property in New Zealand. This plant was further propagated to assess its uniformity and stability. It has been propagated through many generations and has shown no off-types. Selection criteria: flower colour. Propagation: vegetative. Breeder: Virginia McNaughton, West Melton, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	size	small
Plant	colour of foliage	grey green
Spike	total length	short to medium
Spike	infertile bracts	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Hidcote Pink'	similar variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Rosea'	Corolla colour (RHS)	82C,84B,77C	75C

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

Organ/Plant Part: Context	'Coconut Ice'	'Hidcote Pink'
<input type="checkbox"/> *Plant: growth habit	bushy	bushy
<input checked="" type="checkbox"/> *Plant: size	small	medium
<input type="checkbox"/> *Plant: attitude of outer flowering stems	erect	
<input type="checkbox"/> *Plant: density	medium to dense (dense)	
<input type="checkbox"/> *Leaf: incisions of margin	absent	
<input type="checkbox"/> Flowering stem: length	short to medium	
<input type="checkbox"/> Flowering stem: thickness at middle third	thin to medium	
<input type="checkbox"/> *Flowering stem: intensity of green colour	light to medium	
<input type="checkbox"/> Flowering stem: rigidity of basal part (Lavandula section only)	strong	
<input checked="" type="checkbox"/> *Flowering stem: lateral branching	absent	few
<input type="checkbox"/> *Spike: maximum width	medium	
<input type="checkbox"/> *Spike: total length	short to medium	
<input type="checkbox"/> *Spike: length from second whorl (Lavandula section only)	medium	
<input type="checkbox"/> *Spike: number of whorls (Lavandula section only)	medium	
<input type="checkbox"/> *Spike: distance between whorls (Lavandula section only)	short to medium	
<input type="checkbox"/> *Spike: shape	cylindrical	
<input type="checkbox"/> Spike: number of flowers	medium	
<input type="checkbox"/> Spike: number of flowers on apical whorl (Lavandula section only)	medium	
<input type="checkbox"/> Spike: width of fertile bracts	broad	
<input type="checkbox"/> Spike: presence of bracteole (Lavandula section only)	sometimes present	
<input type="checkbox"/> Spike: length of bracteole (Lavandula section only)	short	

<input type="checkbox"/>	*Spike: presence of infertile bracts	absent	
<input type="checkbox"/>	*Flower: colour of calyx	greyish	
<input type="checkbox"/>	Flower: pubescence of calyx	strong	
<input checked="" type="checkbox"/>	*Corolla: colour	purple violet	red purple

Note: Data within parenthesis is from local observation.

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Coconut Ice'	'Hidcote Pink'
<input checked="" type="checkbox"/> Corolla: colour (RHS)	82C,84B,77C	69 B-C

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	1996	Granted	'Coconut Ice'
EU	2000	Granted	'Coconut Ice'

Prior sale nil.

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

Details of Application

Application Number	2000/166
Variety Name	'Lavenite Petite'
Genus Species	<i>Lavandula angustifolia</i>
Common Name	English Lavender
Synonym	Nil
Accepted Date	27 Nov 2000
Applicant	Lavenite Enterprises, Christchurch, New Zealand
Agent	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	LAV008
Location	West Melton, New Zealand.
Descriptor	Lavandula (<i>Lavandula</i>) TG/194/1
Period	1996-1997 in New Zealand, spring to summer 2006 in Australia.
Conditions	The description is based on overseas data from the Plant Variety Rights Office in New Zealand. The data in New Zealand was taken during 1996-1997. The overseas data was confirmed by a verification trial at Greenhills Propagation Nursery, Tynong VIC in 2005-2006. Trial was conducted under full sun, plants grown in commercial pinebark based potting mix with controlled release fertiliser and watered from overhead.
Trial Design	10 plants in block design.
Measurements	Taken from flowering plants.
RHS Chart - edition	1995

Origin and Breeding

Open pollination followed by seedling selection: an open-pollinated seedling from a *Lavandula angustifolia* plant was selected on the basis of the shorter plant habit and shorter flowering stems. This plant was further propagated to assess its uniformity and stability. It has been propagated through many generations and has shown no off-types. Selection criteria: plant habit, flower stems. Propagation: vegetative. Breeder: Virginia McNaughton, West Melton, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	size	small
Plant	colour of foliage	medium green
Flower stem	branching	absent
Spike	total length	short to medium
Spike	infertile bracts	absent
Flower	colour of corolla	blue

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Avice Hill'	similar variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Miss Katherine'	Corolla colour (RHS)	88A, 88C	75 B-C
'Munstead'	Calyx colour	violet	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	'Lavenite Petite'	'Avice Hill'
<input type="checkbox"/> *Plant: growth habit	upright (globular)	upright to spreading
<input type="checkbox"/> *Plant: size	small	small to medium
<input type="checkbox"/> Plant: intensity of green colour of foliage	medium	medium
<input type="checkbox"/> *Plant: density	dense	dense
<input type="checkbox"/> *Leaf: incisions of margin	absent	absent
<input type="checkbox"/> Flowering stem: length	medium	short to medium
<input type="checkbox"/> Flowering stem: thickness at middle third	thin to medium	thin to medium
<input type="checkbox"/> *Flowering stem: intensity of green colour	medium	medium
<input type="checkbox"/> Flowering stem: rigidity of basal part (Lavandula section only)	medium	medium
<input type="checkbox"/> *Flowering stem: lateral branching	absent	
<input type="checkbox"/> *Spike: maximum width	medium	medium
<input checked="" type="checkbox"/> *Spike: total length	short to medium	medium to long
<input checked="" type="checkbox"/> *Spike: length from second whorl (Lavandula section only)	short	medium
<input type="checkbox"/> *Spike: number of whorls (Lavandula section only)	few (few to medium)	medium
<input type="checkbox"/> *Spike: distance between whorls (Lavandula section only)	short (medium)	medium
<input checked="" type="checkbox"/> *Spike: shape	fusiform	cylindric
<input type="checkbox"/> Spike: number of flowers	few to medium	medium
<input type="checkbox"/> Spike: number of flowers on apical whorl (Lavandula section only)	medium	medium
<input checked="" type="checkbox"/> Spike: width of fertile bracts	narrow to medium	broad
<input type="checkbox"/> Spike: presence of bracteole (Lavandula section only)	sometimes present	sometimes present
<input type="checkbox"/> Spike: length of bracteole (Lavandula section only)	short	short
<input type="checkbox"/> *Spike: presence of infertile bracts	absent	absent

<input checked="" type="checkbox"/>	*Flower: colour of calyx	violet	greenish
<input type="checkbox"/>	Flower: pubescence of calyx	medium to strong	medium
<input checked="" type="checkbox"/>	*Corolla: colour	dark blue	medium blue
<input type="checkbox"/>	Time of: beginning of flowering	medium	medium to late

Note: Data within parenthesis are from local observations.

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Lavenite Petite'	'Avice Hill'
<input checked="" type="checkbox"/> Corolla: colour (RHS)	88A, 88C	90BC, aged to 92A

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Japan	2003	Applied	'Lavenite Petite'
New Zealand	1995	Granted	'Lavenite Petite'
EU	2000	Granted	'Lavenite Petite'

Prior sale nil.

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

Details of Application

Application Number	2007/009
Variety Name	'Turkish Delight'
Genus Species	<i>Hebe</i> hybrid
Common Name	Hebe
Synonym	Nil
Accepted Date	25 Jan 2007
Applicant	Growing Spectrum Ltd, Kinikini, New Zealand
Agent	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Greenhills Nursery, Tynong VIC.
Descriptor	Hebe (<i>Hebe</i>) PBR HEBE.
Period	Nov 2006-Jun 2007.
Conditions	Trial conducted with plants grown from cuttings in 14cm pots. Plants grown in full sun and fertilised with controlled release fertiliser and irrigated with overhead sprinklers as for normal nursery management practice.
Trial Design	10 plants of each variety arranged in a block design.
Measurements	From oldest leaves.
RHS Chart - edition	1995.

Origin and Breeding

Spontaneous mutation: a sport was observed with different foliage colour from Hebe 'Mrs Winder' in Apr 2002. Cuttings were taken from this sport and grown through 6 generations to determine uniformity and stability. Selection criteria: foliage colour. Propagative: vegetative. Breeder: Peter Fraser, Waikato, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	bushy
Plant	width	medium to broad
Plant	density	sparse to medium
Young leaf	colour of blush	purplish
Leaf blade	shape	elliptic
Leaf blade	variegation	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Mrs Winder'	parental variety
'Mary Antoinette'	

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

Organ/Plant Part: Context	'Turkish Delight'	'Mary Antionette'	'Mrs Winder'
<input type="checkbox"/> Plant: growth habit	bushy	bushy	bushy
<input checked="" type="checkbox"/> Plant: height	tall	medium	medium
<input type="checkbox"/> Plant: width	medium to broad	medium to broad	medium to broad
<input type="checkbox"/> Plant: density	sparse to medium	sparse to medium	sparse to medium
<input checked="" type="checkbox"/> Young leaf: hue of lower side relative to hue of upper side	same	different	same
<input type="checkbox"/> Young leaf: main colour of lower side (varieties with different hue on lower side of young leaf only) (RHS Colour Chart)	absent or weak		
<input type="checkbox"/> Young leaf: intensity of blush	absent or weak	weak to medium	absent or weak
<input type="checkbox"/> Young leaf: colour of blush	purplish	purplish	purplish
<input type="checkbox"/> Stem: length of internode	medium	short to medium	short to medium
<input type="checkbox"/> Leaf blade: shape	elliptic	elliptic	elliptic
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf blade: shape of base	attenuate	attenuate	attenuate
<input type="checkbox"/> Leaf blade: shape in cross section	flat	flat	moderately concave
<input type="checkbox"/> Leaf blade: curvature of longitudinal axis	medium	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: shape of margin	entire	entire	entire
<input type="checkbox"/> Leaf blade: number of colours on upper side (not including margin)	one	one	one
<input checked="" type="checkbox"/> Leaf blade: main colour on upper side (RHS Colour Chart)	yellow green 147A	green 137C	green 137C
<input type="checkbox"/> Leaf blade: glaucousness of upper side	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf: glossiness of upper side	medium	absent or weak	medium
<input type="checkbox"/> Leaf blade: hairiness of lower side	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Petiole: length	absent or very short	absent or very short	absent or very short

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Turkish Delight'	'Mary Antionette'	'Mrs Winder'
<input checked="" type="checkbox"/> Young leaf: colour (RHS)	Brown 200A	Green 137A	Green 137A

Statistical Table

Organ/Plant Part: Context	'Turkish Delight'	'Mary Antionette'	'Mrs Winder'
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	33.96	40.38	33.42
Std. Deviation	1.96	1.48	2.17
LSD/sig	0.47	P≤0.01	P≤0.01

☑ Leaf: width (mm)			
Mean	10.68	8.74	9.30
Std. Deviation	0.81	0.58	0.78
LSD/sig	1.26	P≤0.01	P≤0.01
☑ Leaf: length to width ratio (mm)			
Mean	3.19	4.64	3.60
Std. Deviation	0.18	0.32	0.17
LSD/sig	0.58	P≤0.01	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2004	Applied	'Turkish Delight'

First sold in New Zealand in Feb 2005. First Australian sale Oct 2006.

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

Details of Application

Application Number	2007/008
Variety Name	'Annie's Winter Wonder'
Genus Species	<i>Hebe</i> hybrid
Common Name	Hebe
Synonym	Nil
Accepted Date	25 Jan 2007
Applicant	Annton Nursery Ltd, Cambridge, New Zealand
Agent	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Greenhills Propagation Nursery, Tynong, VIC.
Descriptor	Hebe (<i>Hebe</i>) PBR HEBE.
Period	Spring/Summer 2006.
Conditions	Plants were grown in 14cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
Trial Design	10 plants in block design.
Measurements	Leaf measurements taken from largest leaves.
RHS Chart - edition	RHS 1995.

Origin and Breeding

Spontaneous mutation: a sport appeared on Hebe 'Orphan Annie' in 2002. Cuttings were taken from this sport, established, and then another generation of cuttings were taken from the young plants. This was repeated two further times to determine distinctness, uniformity and stability. To date, the plant has been grown through four generations with no off-types being recorded. Selection criteria: leaf colour. Propagation: vegetative. Breeder: Robert Harrison, Tynong Vic.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	bushy
Young leaf	colour of blush	purplish
Leaf blade	shape	lanceolate
Leaf blade	variegation	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Orphan Annie'	Parent plant and closest known 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
'Waireka'	Plant height	medium	tall	'Waireka' is a much larger plant
'Gold Beauty'	Plant height	medium	tall	

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

Organ/Plant Part: Context	'Annie's Winter Wonder'	'Orphan Annie'
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input checked="" type="checkbox"/> Plant: height	medium	short
<input type="checkbox"/> Plant: width	medium to broad	medium
<input type="checkbox"/> Plant: density	medium to dense	dense
<input checked="" type="checkbox"/> Young stem: colour (RHS Colour Chart)	greyed purple 183A	greyed purple 184A
<input checked="" type="checkbox"/> Young leaf: intensity of blush	strong	medium
<input type="checkbox"/> Young leaf: colour of blush	purplish	purplish
<input type="checkbox"/> Stem: length of internode	short to medium	short to medium
<input type="checkbox"/> Leaf blade: shape	lanceolate	lanceolate
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> Leaf blade: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf blade: shape in cross section	moderately concave	moderately concave
<input checked="" type="checkbox"/> Leaf blade: curvature of longitudinal axis	absent or weak	medium
<input type="checkbox"/> Leaf blade: shape of margin	entire	entire
<input type="checkbox"/> Leaf blade: number of colours on upper side (not including margin)	two	two
<input checked="" type="checkbox"/> Leaf blade: main colour on upper side (RHS Colour Chart)	green 137A	green 134A
<input checked="" type="checkbox"/> Leaf blade: secondary colour on upper side (RHS Colour Chart)	greyed yellow 160B	greyed yellow 162C
<input type="checkbox"/> Leaf blade: distribution of secondary colour on upper side	marginal zone	marginal zone
<input type="checkbox"/> Leaf blade: glaucousness of upper side	absent or weak	absent or weak
<input type="checkbox"/> Leaf: glossiness of upper side	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: hairiness of lower side	absent or weak	absent or weak
<input type="checkbox"/> Petiole: length	absent or very short	absent or very short

Statistical Table

Organ/Plant Part: Context	'Annie's Winter Wonder'	'Orphan Annie'
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	37.29	34.25
Std. Deviation	2.69	2.30
LSD/sig	2.24	P≤0.01

<input type="checkbox"/> Leaf: width (mm)		
Mean	8.82	7.81
Std. Deviation	0.95	0.55
LSD/sig	1.05	ns
<input checked="" type="checkbox"/> Leaf: length to width ratio (mm)		
Mean	4.25	4.41
Std. Deviation	0.29	0.48
LSD/sig	0.16	P≤0.01

Prior Applications and Sales

Prior applications nil.

First sold in Australia in Sep 2006.

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

Details of Application

Application Number	2000/097
Variety Name	'Orphan Annie'
Genus Species	<i>Hebe</i> hybrid
Common Name	Hebe
Synonym	Nil
Accepted Date	22 Mar 2000
Applicant	Annton Nursery Ltd, Cambridge, New Zealand
Agent	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing	New Zealand
Authority	
Overseas Data	HEB004
Reference Number	
Location	Cambridge, New Zealand
Descriptor	Hebe (<i>Hebe</i>) PBR HEBE
Period	1997-1998 in New Zealand. Spring to summer 2006 in Australia.
Conditions	The description is based on overseas data from the Plant Variety Rights Office in New Zealand. The overseas data was confirmed by a verification trial at Greenhills Propagation Nursery, Tynong VIC in 2006. Trial was conducted under full sun, plants grown in commercial pinebark based potting media with controlled release fertiliser, watering from overhead.
Trial Design	10 plants in block design.
Measurements	Taken from non-flowering plants in pots, no observations were made of flowering attributes.
RHS Chart - edition	1995.

Origin and Breeding

Spontaneous mutation: a sport appeared from Hebe 'Mary Antoinette' that showed variegated foliage. Cuttings were taken from the sport and grown on to determine distinctness, uniformity and stability. To date no off-types have been recorded. It has proven to be more disease resistant during growing trials, than most other Hebe varieties. Selection criteria: leaf size, variegation. Propagation: vegetative. Breeder: Ann Burton, Cambridge, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	variegation	present
Plant	height	short/medium
Plant	width	medium
Leaf blade	shape	lanceolate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Hebe carnea</i> 'Variegata'	Closest variety of common knowledge

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

Organ/Plant Part: Context	'Orphan Annie'	<i>Hebe carnea</i> 'Variegata'
<input type="checkbox"/> Plant: growth habit	spreading (bushy)	
<input type="checkbox"/> Plant: height	short	short to medium
<input type="checkbox"/> Plant: width	medium	
<input type="checkbox"/> Plant: density	dense (medium to dense)	medium
<input checked="" type="checkbox"/> Young stem: colour (RHS Colour Chart)	red 72A-70A (greyed purple 183D)	flushed red
<input type="checkbox"/> Stem: length of internode	short	
<input type="checkbox"/> Leaf blade: length	medium	
<input type="checkbox"/> Leaf blade: width at broadest part	narrow to medium	
<input type="checkbox"/> Leaf blade: shape	lanceolate	
<input type="checkbox"/> Leaf blade: shape of apex	acute	
<input type="checkbox"/> Leaf blade: shape of margin	entire	
<input type="checkbox"/> Leaf blade: number of colours on upper side (not including margin)	two	two
<input type="checkbox"/> Leaf blade: main colour on upper side (RHS Colour Chart)	yellow-green (green 134A)	
<input checked="" type="checkbox"/> Leaf blade: secondary colour on upper side (RHS Colour Chart)	Yellow (greyed yellow 162C)	cream
<input type="checkbox"/> Leaf blade: distribution of secondary colour on upper side	marginal zone	
<input type="checkbox"/> Leaf: glossiness of upper side	absent or weak	
<input type="checkbox"/> Petiole: length	absent or very short	
<input type="checkbox"/> Flowers: main colour	violet	
<input type="checkbox"/> Flowers: arrangement	inflorescence	
<input type="checkbox"/> Inflorescence: length	medium	medium to long
<input type="checkbox"/> Flower: diameter	medium	

Note: Data within parenthesis are from local observations.

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Orphan Annie'
<input type="checkbox"/> Branchlet: amount of pubescence	weak to medium
<input type="checkbox"/> Stem: length of internode	short

- Leaf: thickness medium
- Leaf bud: sinus absent
- Inflorescence: density dense
- Inflorescence: position in relation to foliage above
- Flower: length of bracts in relation to calyx equal
- Flower: length of corolla tube in relation to calyx longer
- Stem: colouration green
- Flowering: time medium
- Flower: corolla diameter medium
- Corolla: colour of lobe (outer side) RHS red-purple 73A
- Corolla: colour of lobe (inner side) RHS red-purple 72C
- Corolla: colour of tube (outer side) RHS purple 75D

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	1996	Granted	'Orphan Annie'
EU	1999	Granted	'Orphan Annie'
South Africa	2001	Applied	'Orphan Annie'

Prior sale nil.

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

Details of Application

Application Number	2007/179
Variety Name	'P18'
Genus Species	<i>Cynodon dactylon</i> x <i>C. transvaalensis</i>
Common Name	Hybrid green couch grass
Synonym	Nil
Accepted Date	13 Aug 2007
Applicant	RNB, LLC, Yuma, Arizona, USA
Agent	Evergreen Turf, Pakenham, VIC
Qualified Person	Don Loch

Details of Comparative Trial

Location	QDPI&F Turf Research, Redlands Research Station, Cleveland, QLD (Latitude 27°32'S, 153°15'E, elevation 25 masl).
Descriptor	<i>Cynodon</i> (<i>Cynodon dactylon</i> x <i>C. transvaalensis</i>) PBR CYNO
Period	13 Feb 2006 – 25 Jan 2007
Conditions	Individual propagules (four per tube) were grown in 40 x 40mm tubes until covered and planted on a red volcanic (krasnozem) soil on 13 Feb 2006; plants not defoliated; armyworm control by cyfluthrin 19 Oct 2006, weed control by pre-emergence oxadiazon at time of planting and nutrition maintained by slow release fertiliser (18-10-9 ¹ , 16-25-12 ²) 13 Feb ¹ , 10 Aug ¹ and 20 Oct ² 2006.
Trial Design	Thirty (30) spaced plants of each cultivar ('P18', 'TifEagle', 'Champion Dwarf', and 'MS-Supreme') arranged in six (6) randomised blocks with five (5) plants per plot; 1.5 m between plots, 1m between plants within plots.
Measurements	Four (4) diameter of spread measurements were taken per plant on 28 Apr, 12 May, 26 May, 8 Jun, 21 Jun, 4 Jul and 18 Jul 2006; two (2) stolons per plant were collected 18-21 Sep 2006 and stolon and leaf characteristics were measured; two (2) shoot and inflorescence measurements per plant were taken 23-25 Jan 2007; average sward height per plant 17 Jan 2007; inflorescence density (0.1225m ² quadrat) per plant 22-23 Jan 2007; exposed stolon and leaf colour 18 Aug 2006.
RHS Chart - edition	2001 edition

Origin and Breeding

Spontaneous mutation: 'P18' was first produced in 1992 and is a mutant genotype obtained from a hybrid Bermudagrass line believed to be 'Tifdwarf', which was grown in a greenhouse owned by H&H Seed Company in Yuma, Arizona. 'P18' was selected for its extremely fine leaf texture, its high shoot density under close mowing, its rapid growth rate, and its uniform dark green colour, and was subsequently evaluated for these traits and characteristics. Propagation: vegetative. Breeder: Howard E. Kaewer, Eden Prairie, MN, 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
Turf	texture	very fine
Plant	habit	prostrate
Plant	height	very short
Stolon	internode length	very short
Shoot	density	very high
Inflorescence	density	low to very low

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘TifEagle’	
‘MS-Supreme’	
‘Champion Dwarf’	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Tifdwarf’	Shoot density	denser	sparser	Lower than shoot density of candidate variety.
‘Tifdwarf’	Plant height	shorter	taller	Greater than plant height of candidate variety.
‘Tifdwarf’	Inflorescence density	Sparser	denser	Higher than inflorescence density of candidate variety.
‘TL2’	Shoot density	denser	sparser	Lower than shoot density of candidate variety.
‘TL2’	Plant height	shorter	taller	Greater than plant height of candidate variety.
‘TL2’	Inflorescence density	Sparser	denser	Higher than inflorescence density of candidate variety.
‘Tifgreen’	Shoot density	denser	sparser	Lower than shoot density of candidate variety.
‘Tifgreen’	Plant height	shorter	taller	Greater than plant height of candidate variety.
‘Tifgreen’	Inflorescence density	sparser	denser	Higher than inflorescence density of candidate variety.
‘Tifgreen’	stolon length of internodes	shorter	longer	Longer than stolon length of internodes of candidate variety.

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

Organ/Plant Part: Context	‘P18’	‘MS-Supreme’	‘Champion Dwarf’	‘TifEagle’
<input type="checkbox"/> Plant: ploidy	triploid interspecific hybrid (3n = 27 chromosomes)			
<input type="checkbox"/> Plant: habit	prostrate, creeping			
<input type="checkbox"/> Plant: type	mat-forming			
<input type="checkbox"/> Plant: height	very short			
<input type="checkbox"/> Plant: longevity	perennial			
<input type="checkbox"/> Plant: spreading	laterally by stolons and rhizomes			
<input type="checkbox"/> Stolon: nodes	compound nodes with up to 3 leaves			
<input type="checkbox"/> Stolon: internode length	very short			
<input type="checkbox"/> Stolon: internode thickness	very thin			
<input checked="" type="checkbox"/> Stolon: colour when exposed to sunlight	greyed orange (RHS 166A)	greyed purple (RHS 183A)	greyed orange (RHS 166A)	greyed purple (RHS 183A)
<input type="checkbox"/> Culms: length	very short			
<input type="checkbox"/> Leaf blade: shape	linear-triangular			
<input type="checkbox"/> Leaf blade: length	short			
<input type="checkbox"/> Leaf blade: width	narrow			
<input checked="" type="checkbox"/> Leaf blade: colour	dark green (darker than RHS 137A)	dark green (RHS 137A)	yellow green (RHS 147A)	yellow green (RHS 147A)
<input type="checkbox"/> Ligule: appearance	dense row of short white hairs			
<input type="checkbox"/> Inflorescence: type	digitate with (2-)3(-4) very short spicate racemes			
<input type="checkbox"/> Inflorescence: length of peduncle	very short			
<input type="checkbox"/> Inflorescence: maximum number of spikes	four	four	four	four

<input checked="" type="checkbox"/> Inflorescence:				
minimum number of spikes	two	three	two	two

Statistical Table

Organ/Plant Part: Context	'P18'	'MS-Supreme'	'Champion Dwarf'	'TifEagle'
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<input checked="" type="checkbox"/> Plant: mean diameter after 155 days (cm)				
Mean	94.4	133.3	95.5	99.1
Std. Deviation	17.4	20.3	25.8	19.8
LSD/sig	13.8	P≤0.01	ns	ns
<input type="checkbox"/> Stolon: first stolon node with a second lateral branch (spaced plants)				
Mean	1.53	1.50	1.40	1.38
Std. Deviation	0.50	0.54	0.49	0.49
LSD/sig	0.38	ns	ns	ns
<input type="checkbox"/> Stolon: first stolon node with a third lateral branch (spaced plants)				
Mean	2.20	2.05	2.05	2.13
Std. Deviation	0.44	0.50	0.29	0.47
LSD/sig	0.24	ns	ns	ns
<input type="checkbox"/> Stolon: first stolon node with a fourth lateral branch (spaced plants)				
Mean	3.23	3.03	2.92	3.20
Std. Deviation	0.87	0.94	0.96	0.86
LSD/sig	0.46	ns	ns	ns
<input type="checkbox"/> Stolon: first stolon node with a fifth lateral branch (spaced plants)				
Mean	4.23	3.88	3.78	4.18
Std. Deviation	1.00	1.18	1.28	0.98
LSD/sig	0.60	ns	ns	ns
<input type="checkbox"/> Stolon: first stolon node with a sixth lateral branch (spaced plants)				
Mean	4.88	4.48	4.32	5.03
Std. Deviation	1.01	1.17	1.28	0.84
LSD/sig	0.67	ns	ns	ns
<input type="checkbox"/> Internode: length of fourth internode from stolon tip (mm)				
Mean	16.96	16.96	16.78	15.54
Std. Deviation	1.99	2.46	2.97	2.66
LSD/sig	2.00	ns	ns	ns
<input type="checkbox"/> Internode: diameter of fourth internode from stolon tip (mm)				
Mean	0.74	0.66	0.71	0.78
Std. Deviation	0.09	0.10	0.10	0.67
LSD/sig	0.19	ns	ns	ns
<input type="checkbox"/> Leaf sheath: length of leaf sheath on fourth visible node from stolon tip (mm)				
Mean	4.11	3.76	3.84	4.00
Std. Deviation	0.58	0.42	0.66	0.52
LSD/sig	0.41	ns	ns	ns
<input type="checkbox"/> Leaf blade: length of leaf blade on fourth visible node from stolon tip (mm)				
Mean	4.05	3.68	3.93	4.10
Std. Deviation	0.77	0.84	0.75	0.84
LSD/sig	0.45	ns	ns	ns

<input type="checkbox"/>	Leaf blade: width of leaf blade on fourth visible node from stolon tip (mm)			
Mean	1.61	1.51	1.56	1.60
Std. Deviation	0.27	0.28	0.26	0.29
LSD/sig	0.16	ns	ns	ns
<input type="checkbox"/>	Leaf blade: length/width ratio of leaf blade on fourth visible node from stolon tip			
Mean	2.56	2.48	2.56	2.59
Std. Deviation	0.59	0.56	0.53	0.45
LSD/sig	0.28	ns	ns	ns
<input checked="" type="checkbox"/>	Flag leaf: length of sheath of flag leaf on flowering tillers (mm)			
Mean	22.66	21.12	17.93	24.19
Std. Deviation	5.00	3.97	4.42	4.71
LSD/sig	3.93	ns	P≤0.01	ns
<input type="checkbox"/>	Flag leaf: length of blade of flag leaf on flowering tillers (mm)			
Mean	1.31	1.57	1.23	1.56
Std. Deviation	0.65	0.94	0.83	1.03
LSD/sig	0.91	ns	ns	ns
<input type="checkbox"/>	Flag leaf: width of blade of flag leaf on flowering tillers (mm)			
Mean	0.52	0.61	0.47	0.63
Std. Deviation	0.17	0.21	0.16	0.61
LSD/sig	0.21	ns	ns	ns
<input type="checkbox"/>	Flag leaf: length:width ratio of flag leaf blade on flowering tillers			
Mean	2.55	2.56	2.61	2.63
Std. Deviation	1.07	1.62	1.16	1.01
LSD/sig	0.81	ns	ns	ns
<input checked="" type="checkbox"/>	Leaf: length of sheath on fourth leaf on flowering tillers (mm)			
Mean	6.48	5.65	5.27	6.21
Std. Deviation	2.04	1.21	1.36	1.70
LSD/sig	1.07	ns	P≤0.01	ns
<input checked="" type="checkbox"/>	Leaf: length of blade on fourth leaf on flowering tillers (mm)			
Mean	11.24	9.12	7.80	11.05
Std. Deviation	3.28	2.59	2.89	3.95
LSD/sig	2.21	ns	P≤0.01	ns
<input type="checkbox"/>	Leaf: width of blade on fourth leaf of flowering tillers (mm)			
Mean	1.14	1.14	1.15	1.24
Std. Deviation	0.29	0.32	1.05	0.27
LSD/sig	0.36	ns	ns	ns
<input type="checkbox"/>	Leaf blade: length/width ratio of fourth leaf blade on flowering tillers			
Mean	10.54	9.61	7.77	9.17
Std. Deviation	4.18	8.68	2.66	3.36
LSD/sig	3.10	ns	ns	ns
<input checked="" type="checkbox"/>	Peduncle: length of peduncle on flowering tillers (mm)			
Mean	25.64	22.92	20.14	27.43
Std. Deviation	5.39	4.25	4.97	5.29
LSD/sig	4.33	ns	P≤0.01	ns
<input type="checkbox"/>	Peduncle: diameter of peduncle on flowering tillers (mm)			
Mean	0.39	0.36	0.36	0.39

Std. Deviation	0.10	0.09	0.10	0.10
LSD/sig	0.06	ns	ns	ns
<input checked="" type="checkbox"/> Spikes: mean length (mm)				
Mean	12.56	11.34	9.61	12.77
Std. Deviation	2.64	2.17	1.76	2.63
LSD/sig	2.19	ns	P≤0.01	ns
<input type="checkbox"/> Spikes: number of spikes per inflorescence				
Mean	3.13	3.22	2.93	3.08
Std. Deviation	0.39	0.42	0.52	0.42
LSD/sig	0.32	ns	ns	ns
<input type="checkbox"/> Sward: height 338 days post planting (mm)				
Mean	40.80	42.67	31.00	46.80
Std. Deviation	14.75	13.34	10.92	16.61
LSD/sig	10.29	ns	ns	ns
<input checked="" type="checkbox"/> Inflorescence: density 343-344 days post planting (m ²)				
Mean	115.6	116.1	11.7	87.7
Std. Deviation	109.0	104.87	18.36	114.9
LSD/sig	69.28	ns	P≤0.01	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	1999	Granted	'P18'

First sold in the USA in Jul 2005.

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

of Application

Application Number	2003/110
Variety Name	'Warrior'
Genus Species	<i>Lolium multiflorum</i>
Common Name	Italian Ryegrass
Synonym	Nil
Accepted Date	15 Jul 2003
Applicant	Grasslanz Technology Limited
Agent	Griffith Hack
Qualified Person	Jeffrey Miller

Details of Comparative Trial

Location	Lincoln, Canterbury, New Zealand.
Descriptor	Ryegrass (new) (<i>Lolium</i> spp.) TG/4/8.
Period	2003-2006 (presented data from 2005/2006 trial)
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office. Seedlings raised in glasshouse in Mar in controlled conditions and planted into Wakanui silt loam in the field as appropriate in early May. Irrigated by sprinkler as required for successful establishment. Axall herbicide applied at 3.5litre/ha as required.
Trial Design	Randomised block of 10 reps of 6 plants and 5 metre drilled rows in two reps.
Measurements	Measurements from all available plants and some visual assessments on rows.
RHS Chart - edition	Nil

Origin and Breeding

Bred from breeding pools established in Palmerston North in the mid 1980s from inter-pollination of various New Zealand and imported sources. Selection in New Zealand was for vigour, grazing recovery, freedom from crown rust and other foliar diseases and for persistence into the second year. Half-sib families were established in Qld (Gatton) in autumn 1994. Families showing excellent growth and excellent resistance to spring infection of crown rust in Qld were identified, and superior individuals taken from them. Seed was taken from these individuals (in Qld), and poor progeny (low vigour and poor seed yield) were culled in one further generation at Palmerston North, New Zealand. The foundation generation is 39 families, most originating from New Zealand sources. Approximately half the maternal lineage derives from the ecotype population behind cv. 'Corvette'.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Marbella'	most similar variety of common knowledge identified

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	
'Grasslands Manawa'	Plant	growth habit	intermediate	erect
'Grasslands Paroa'	Plant	growth habit	intermediate	erect
'Concord'	Plant	time of inflorescence emergence	early to medium	medium
'Conker'	Plant	time of inflorescence emergence	early to medium	late
'Conquest'	Plant	time of inflorescence emergence	early to medium	late to very late
'Crusader'	Plant	time of inflorescence emergence	early to medium	late
'Flanker'	Plant	time of inflorescence emergence	early to medium	medium
'Exalta'	Flag leaf	length	very short to short	medium
'Cordura'	Flag leaf	width	medium	medium to broad
'Kano'	Flag leaf	width	medium	narrow to medium
'Corvette'	Plant	time of inflorescence emergence	early to medium	late
'Status'	Flag leaf	width	medium	narrow
'Mariner'	Plant	time of inflorescence emergence	early to medium	late
'Prime'	Plant	time of inflorescence emergence	early to medium	late
'Tabu'	Flag leaf	width	medium	medium to broad

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

Organ/Plant Part: Context	'Warrior'	'Marbella'
<input type="checkbox"/> *Plant: ploidy	diploid	diploid
<input type="checkbox"/> Leaf: length	medium	medium to long
<input type="checkbox"/> Leaf: width	medium to broad	medium to broad
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium to semi-prostrate	medium to semi-prostrate
<input type="checkbox"/> *Plant: time of inflorescence emergence (varieties of Lmw and Lr only)	early to medium	

<input type="checkbox"/> *Plant: time of inflorescence emergence (after vernalisation)	early to medium	early to medium
<input checked="" type="checkbox"/> *Flag leaf: length	short	medium
<input type="checkbox"/> *Flag leaf: width	medium	medium
<input type="checkbox"/> Flag leaf: length/width ratio	high	high
<input type="checkbox"/> *Plant: length of longest stem, inflorescence included	medium	medium
<input checked="" type="checkbox"/> Plant: length of upper internode	medium to long	medium
<input type="checkbox"/> Inflorescence: length	medium	medium
<input type="checkbox"/> Inflorescence: number of spikelets	few to medium	few to medium
<input type="checkbox"/> Inflorescence: length of outer glume on basal spikelet	medium	medium
<input type="checkbox"/> Inflorescence: length of basal spikelet excluding awn	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

	‘Warrior’	‘Marbella’
<input type="checkbox"/> Rachis internode: length	medium	medium

Statistical Table

Organ/Plant Part: Context

	‘Warrior’	‘Marbella’
<input type="checkbox"/> Flag leaf: width (mm)		

Mean 6.59 6.95

Std. Deviation 1.12 1.31

LSD/sig 0.79 ns

Vegetative leaf : length (cm)

Mean 20.93 22.61

Std. Deviation 4.75 4.56

LSD/sig 2.33 ns

Upper internode: length (cm)

Mean 31.62 25.93

Std. Deviation 4.79 4.40

LSD/sig 4.61 $P \leq 0.01$

Vegetative leaf: width (mm)

Mean 7.16 6.99

Std. Deviation 1.27 1.31

LSD/sig 0.84 ns

Inflorescence: length (cm)

Mean 24.21 24.29

Std. Deviation 3.37 4.00

LSD/sig 2.33 ns

Glume: length (mm)

Mean 7.21 7.32

Std. Deviation 1.54 1.17

LSD/sig 0.74 ns

Rachis internode: length (cm)

Mean 10.98 10.54

Std. Deviation 3.01 3.20

LSD/sig	1.43	ns
<input type="checkbox"/> Inflorescence: number of spikelets (counts)		
Mean	30.95	33.94
Std. Deviation	5.46	6.22
LSD/sig	3.22	ns
<input type="checkbox"/> Stem: length (cm)		
Mean	90.19	92.12
Std. Deviation	10.57	8.83
LSD/sig	6.66	ns
<input type="checkbox"/> Inflorescence: mean appearance (days from 1st Sep)		
Mean	64.36	65.13
Std. Deviation	5.27	3.16
LSD/sig	2.43	ns
<input checked="" type="checkbox"/> Flag leaf: length (cm)		
Mean	14.95	17.11
Std. Deviation	3.74	4.47
LSD/sig	2.12	P≤0.01

Note: Data analysis was done by ANOVA: DUST method.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2002	Rejected	'Grasslands Warrior'
South Africa	2005	Applied	'Grasslands Warrior'

First sold in Australia on 27 Feb 2002.

Description: **Jeff E. Miller**, AgResearch Limited, Palmerston North, New Zealand.

Details of Application

Application Number	2007/130
Variety Name	'RK19'
Genus Species	<i>Pennisetum clandestinum</i>
Common Name	Kikuyu grass
Synonym	Nil
Accepted Date	17 Jun 2007
Applicant	Future Turf Pty Ltd, Mt Hawthorn, WA
Agent	N/A
Qualified Person	Don Loch

Details of Comparative Trial

Location	Birkdale, QLD (27°30'S, 153°14'E, elevation <25 masl)
Descriptor	Kikuyu grass (<i>Pennisetum clandestinum</i>) PBR Penn
Period	8 Nov 2006 – 13 Mar 2007
Conditions	The growing trial was established on a red volcanic (krasnozem) soil rotary hoed before planting out the spaced plants from pots on 8 Nov 2006. Blended fertiliser (NPKS 15.4:3.0:11.0:15.4) was broadcast @ 650kg/ha on 10 Nov 2006, giving rates of 100 kg N, 19.5 kg P, 71.2 kg K, and 99.8 kg S per ha. Individual plants in the experimental area were drip irrigated as required.
Trial Design	30 spaced plants of each cultivar ('Whittet', 'RK19') arranged in 6 randomised blocks with 5 plants per plot; 3m between plots, 1.5m between plants within plots.
Measurements	Plant height and diameter of spread were measured on 26 Jan 2007 (79 days after planting). Morphological measurements were made between 6 and 13 Mar 2007.
RHS Chart - edition	2001.

Origin and Breeding

Open-pollination and artificial mutation: 'RK19' was selected in Western Australia from a collection of 72 male-sterile kikuyu genotypes. This collection comprised 27 genotypes from regional sites across southern and eastern Australia, and 45 additional genotypes generated by artificial mutation from irradiation. General growth, root mass and stolon characteristics were assessed in a pot experiment with calcareous sand at Como and in a spaced plant field experiment on an acidic loam soil at Mahogany Creek where winter colour retention and spring green-up were also recorded. The strength of cut sod and the rate of spread and recovery after harvest were assessed under simulated turf production conditions at Serpentine in un-replicated 0.1 ha plots of the two most promising selections. Selection criteria: male-sterility, shorter internodes for tighter sod, winter colour retention, sod strength. Propagation: vegetative. Breeder: Ken Johnston, Como, WA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tillers and leaves	turf texture	medium to coarse

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Whittet'	Medium/coarse textured tillers; male-fertile (seeded) 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
'Noonan'	Tillers	turf medium/coarse texture	medium/fine	Medium/fine textured tillers; male-fertile (seeded) variety released in 1983; no longer available commercially.
'Breakwell'	Inflorescence	male sterility present	absent	male-fertile (seeded) variety released in 1971; no longer available commercially
'Crofts'	Inflorescence	male sterility present	absent	male-fertile (seeded) variety released in 1983; never available commercially

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

Organ/Plant Part: Context	'RK19'	'Whittet'
<input type="checkbox"/> Plant: habit	creeping	
<input type="checkbox"/> Plant: type	mat-forming	
<input type="checkbox"/> Plant: height	medium	
<input type="checkbox"/> Plant: longevity	perennial	
<input type="checkbox"/> Plant: spreading	laterally by stolons and rhizomes	
<input type="checkbox"/> Stolon: nodes	nodes with 1 subtending leaf	
<input type="checkbox"/> Stolon: internode length	medium	
<input type="checkbox"/> Stolon: internode thickness	medium to coarse	
<input type="checkbox"/> Culms: length	medium to long	
<input type="checkbox"/> Leaf blade: shape	linear-triangular	
<input type="checkbox"/> Leaf blade: length	long	
<input type="checkbox"/> Leaf blade: width	medium	

<input type="checkbox"/>	Leaf blade: colour	dark green (RHS 137A)	dark green (RHS 137A)
<input type="checkbox"/>	Ligule: appearance	a fringe of hairs	
<input type="checkbox"/>	Inflorescence: type	an enclosed raceme concealed within the inflated subtending leaf sheath	
<input type="checkbox"/>	Culms: habit	decumbent	
<input type="checkbox"/>	Leaf sheath: appearance	inflated	
<input type="checkbox"/>	Leaf blade: presentation	flat or conduplicate	
<input type="checkbox"/>	Leaf blade: apex	obtuse	
<input type="checkbox"/>	Leaf blade: shape	linear-triangular	
<input type="checkbox"/>	Inflorescence: anthers	not exerted	
<input checked="" type="checkbox"/>	Inflorescence: male sterility	present	absent

Statistical Table

Organ/Plant Part: Context	‘RK19’	‘Whittet’
<input type="checkbox"/> Plant: mean diameter 79 days after planting (cm)		
Mean	172.00	182.00
Std. Deviation	25.10	31.40
LSD/sig	23.0	ns
<input checked="" type="checkbox"/> Plant: mean height 79 days after planting (cm)		
Mean	206.10	202.00
Std. Deviation	34.10	41.40
LSD/sig	27.4	ns
<input checked="" type="checkbox"/> Stolon: first stolon node with a lateral branch (spaced plants)		
Mean	3.33	3.68
Std. Deviation	0.66	0.98
LSD/sig	0.35	P≤0.01
<input type="checkbox"/> Internode: length of fourth internode from stolon tip (mm)		
Mean	17.10	19.30
Std. Deviation	3.80	4.50
LSD/sig	3.2	ns
<input type="checkbox"/> Internode: diameter of fourth internode from stolon tip (mm)		
Mean	4.84	5.00
Std. Deviation	0.45	0.40
LSD/sig	0.24	ns
<input type="checkbox"/> Leaf sheath: length of leaf sheath on fourth visible node from stolon tip (mm)		
Mean	19.40	19.00
Std. Deviation	2.30	3.00
LSD/sig	1.8	ns
<input checked="" type="checkbox"/> Leaf blade: length of leaf blade on fourth visible node from stolon tip (mm)		
Mean	33.50	34.40
Std. Deviation	6.50	12.40
LSD/sig	7.5	ns
<input type="checkbox"/> Leaf blade: width of leaf blade on fourth visible node from stolon tip (mm)		
Mean	6.01	5.92
Std. Deviation	0.71	0.55

LSD/sig	0.48	ns
<input type="checkbox"/> Leaf blade: length:width ratio of leaf blade on fourth visible node from stolon tip		
Mean	5.61	5.74
Std. Deviation	1.15	1.58
LSD/sig	1.25	ns
<input type="checkbox"/> Internode: length of internode between fourth and fifth tiller leaves with visible blade-sheath junctions (mm)		
Mean	28.00	30.60
Std. Deviation	9.60	8.60
LSD/sig	9.0	ns
<input type="checkbox"/> Internode: width of internode between fourth and fifth tiller leaves with visible blade-sheath junctions (mm)		
Mean	2.77	3.29
Std. Deviation	0.62	0.79
LSD/sig	0.62	ns
<input checked="" type="checkbox"/> Leaf sheath: length of sheath on fourth tiller leaf with visible blade-sheath junction (mm)		
Mean	64.80	56.50
Std. Deviation	12.30	11.10
LSD/sig	7.0	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: length of blade on fourth tiller leaf with visible blade-sheath junction (mm)		
Mean	297.60	234.50
Std. Deviation	54.60	61.90
LSD/sig	54.6	P≤0.01
<input type="checkbox"/> Leaf blade: width of blade on fourth tiller leaf with visible blade-sheath junction (mm)		
Mean	7.69	7.63
Std. Deviation	0.96	0.74
LSD/sig	0.88	ns
<input type="checkbox"/> Tiller leaf: length: width ratio of fourth tiller leaf with visible blade-sheath junction		
Mean	39.44	31.08
Std. Deviation	9.53	9.11
LSD/sig	9.23	ns

Prior Applications and Sales

Nil.

Description: **D.S. Loch**, Alexandra Hills, QLD and **M. Zorin**, Birkdale, QLD.

Details of Application

Application Number	2006/360
Variety Name	'Fenice'
Genus Species	<i>Lilium</i> hybrid
Common Name	Lily
Synonym	Nil
Accepted Date	27 Jun 2007
Applicant	Vletter & Den Haan Beheer B.V., Rijnsburg, The Netherlands.
Agent	Watermark - Patent & Trademark Attorneys, Melbourne, VIC.
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing Authority	Community Plant Variety Office (CPVO)
Overseas Data Reference Number	LEL 2211
Location	DLO Foundation, WOT-unit, CGN Plant Variety Office (CPVO).
Descriptor Period	Lily (<i>Lilium</i>) TG/59/6. Winter 2004.
Conditions	Overseas data was verified in Australia by local observations at Silvan, VIC (Latitude 37°.5'S, Longitude 145°.3'E, Elevation 250m), in an environmentally controlled greenhouse during late spring 2005 (Southern Hemisphere). Cool-stored bulbs planted into a pine-bark based potting mix held in rectangular trays 60x40cm in area and 15-18cm deep. Plants spaced to express their true growth characteristics. Plants throughout their life cycle maintained under sound cultural practices. Overall plants growth vigorous, free from stress.
Trial Design	Trays for each variety were replicated twice and each tray held 10-15 bulbs of flowering size.
Measurements	Observations and measurements made at random from within the plant population. Weak plants were rejected. Measurements taken were: stem length excluding flower head, length and width of leaves sampled midway along stem, length and width of longest outer tepal, and flower number in flower head.
RHS Chart - edition	1986

Origin and Breeding

Cross-pollination: phenotype was discovered as a result of a yearly random cross-pollination breeding program under controlled conditions in a dedicated greenhouse at Rijnsburg, the Netherlands on the property of the breeder. Initial multiplication was by tissue culture. Bulbs produced were grown on the premises of the breeder at several locations and flowered over a number of seasons. This phenotype appeared genetically stable over two generations. Later multiplication was also by scaling of mature bulbs. Breeder: Cees A v.d Voort.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	oriental hybrid
Flower	colour	light to medium pink

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

Organ/Plant Part: Context	'Fenice'	'Sorbonne'
<input type="checkbox"/> *Plant: height	medium	medium to tall
<input type="checkbox"/> *Stem: anthocyanin colouration	present	absent
<input type="checkbox"/> Stem: distribution of anthocyanin colouration	speckled and striped	
<input type="checkbox"/> Stem: number of leaves on middle third	few to medium	few to medium
<input type="checkbox"/> *Leaf: arrangement	alternate	
<input type="checkbox"/> *Leaf: level of tip compared to point of attachment to stem	same level	
<input type="checkbox"/> *Leaf: distal part	straight	
<input type="checkbox"/> Leaf: length	medium	
<input type="checkbox"/> Leaf: width	medium to broad	broad
<input type="checkbox"/> Leaf: glossiness of upper side	weak	
<input type="checkbox"/> Leaf: cross section	flat	
<input type="checkbox"/> *Inflorescence: type	racemose	
<input type="checkbox"/> Inflorescence: number of flowers	few	few to medium
<input type="checkbox"/> Inflorescence: pubescence	very weak to weak	
<input type="checkbox"/> Flower: type	single	
<input type="checkbox"/> *Flower: attitude of longitudinal axis	erect	erect to horizontal
<input type="checkbox"/> Flower: length of longest outer tepal	medium	
<input type="checkbox"/> Flower: width of widest outer tepal	medium to broad	
<input checked="" type="checkbox"/> *Flower: main colour of inner side of inner tepal (RHS colour chart)	red-purple group; between RHS 68B-73B (RHS 70B-70C)	group red purple: RHS 64D
<input checked="" type="checkbox"/> Flower: main colour of outer side of inner tepal (RHS colour chart)	red-purple group: near RHS 73C (near RHS 70C)	group red purple: RHS 62B
<input checked="" type="checkbox"/> *Flower: main colour of inner side of outer tepal (RHS colour chart)	red-purple group; between RHS 68B-73B (near RHS 70C-70D)	group red purple: RHS 64D
<input type="checkbox"/> *Flower: type of colouration of inner side of inner tepal	self coloured	
<input checked="" type="checkbox"/> *Flower: colour of the nectar furrow	yellow green	green
<input type="checkbox"/> *Tepal: spots on inner side	present	
<input type="checkbox"/> *Tepal: number of spots on inner side	few	
<input type="checkbox"/> *Tepal: size of spotted area on inner side	small to medium	

<input checked="" type="checkbox"/>	*Tepal: spots on papillae	present	absent
<input checked="" type="checkbox"/>	*Tepal: colour at the base of the main vein	yellow	red
<input type="checkbox"/>	Tepal: texture of inner side	papillose	
<input type="checkbox"/>	Tepal: undulation of margin	weak to medium	
<input type="checkbox"/>	Tepal: type of undulation of margin	fine and coarse	
<input type="checkbox"/>	*Tepal: recurved part	distal part only	
<input checked="" type="checkbox"/>	*Tepal: degree of recurving	weak to medium	medium to strong
<input type="checkbox"/>	Stamen: length	medium	
<input type="checkbox"/>	*Stamen: main colour of filament	green	
<input type="checkbox"/>	*Stamen: colour of anther	orange brown	
<input checked="" type="checkbox"/>	Pollen: colour	orange	orange brown
<input type="checkbox"/>	*Style: main colour	green	
<input type="checkbox"/>	Flower: position of stigma in relation to anthers	above	
<input checked="" type="checkbox"/>	Stigma: colour	grey	purple
<input type="checkbox"/>	*Time of: flowering	early to medium	

Note: Data within parenthesis are from local observations.

Statistical Table

Organ/Plant Part: Context	'Finice'
<input type="checkbox"/> Stem: length excluding inflorescence (mm)	
Mean	79.80
Std. Deviation	5.20
<input type="checkbox"/> Outer tepal: length (mm)	
Mean	152.20
Std. Deviation	5.30
<input type="checkbox"/> Outer tepal: width (mm)	
Mean	53.40
Std. Deviation	3.90
<input type="checkbox"/> Flower: number in raceme	
Mean	2.60
Std. Deviation	0.50
<input type="checkbox"/> Leaf: half way along stem: length (mm)	
Mean	111.00
Std. Deviation	12.50
<input type="checkbox"/> Leaf: half way along stem: width (mm)	
Mean	23.60
Std. Deviation	2.10

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2003	Granted	'Finice'
New Zealand	2006	Applied	'Finice'

First sold in The Netherlands in Oct 2005.

Description: **Brian Hanger**, Wantirna, VIC.

Details of Application

Application Number	2006/364
Variety Name	'Argentina'
Genus Species	<i>Lilium</i> hybrid
Common Name	Lily
Synonym	Nil
Accepted Date	27 Jun 2007
Applicant	Vletter & Den Haan Beheer B.V., Rijnsburg, The Netherlands.
Agent	Watermark - Patent & Trademark Attorneys, Melbourne, VIC.
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing Authority	Community Plant Variety Office (CPVO)
Overseas Data Reference Number	LEL 2102
Location	DLO Foundation, WOT-unit, CGN Plant Variety Office (CPVO).
Descriptor Period	Lily (<i>Lilium</i>) TG/59/6 2003
Conditions	Overseas data was verified in Australia by local observations at Silvan, VIC (Latitude 37°.5'S, Longitude 145°.3'E, Elevation 250m), in an environmentally controlled greenhouse during late autumn/early spring 2006 (Southern Hemisphere). Cool-stored bulbs planted into a pine-bark based potting mix held in rectangular trays 60x40cm in area and 15-18cm deep. Plants spaced to express their true growth characteristics. Plants throughout their life cycle maintained under sound cultural practices. Overall plants growth vigorous, free from stress.
Trial Design	Trays for each variety were replicated twice and each tray held 10-15 bulbs of flowering size.
Measurements	Observations and measurements made at random from within the plant population. Weak plants were rejected. Measurements taken were: stem length excluding flower head, length and width of leaves sampled midway along stem, length and width of longest outer tepal, and flower number in flower head.
RHS Chart - edition	1986.

Origin and Breeding

Cross-pollination: phenotype was discovered as a result of a yearly random cross-pollination breeding program under controlled conditions in a dedicated greenhouse at Rijnsburg, the Netherlands on the property of the breeder. Initial multiplication was by tissue culture. Bulbs produced were grown on the premises of the breeder at several locations and flowered over a number of seasons. This phenotype appeared genetically stable over two generations. Later multiplication was also by scaling of mature bulbs. Breeder; Cees A v.d Voort.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	oriental hybrid
Flower	colour	medium red purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tiber'	Closest comparator.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Sorbonne'	plant	height	medium	medium to tall
'Sorbonne'	inflorescence	compactness	compact	open
'Sorbonne'	flower	colour nectar furrow	yellow	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	'Argentina'	'Tiber'
<input type="checkbox"/> *Plant: height	medium	medium to tall
<input type="checkbox"/> *Stem: anthocyanin colouration	present	absent
<input type="checkbox"/> Stem: distribution of anthocyanin colouration	speckled and striped	
<input type="checkbox"/> Stem: number of leaves on middle third	few to medium	
<input type="checkbox"/> *Leaf: arrangement	alternate	
<input type="checkbox"/> *Leaf: level of tip compared to point of attachment to stem	same level	
<input type="checkbox"/> *Leaf: distal part	straight	
<input type="checkbox"/> Leaf: length	medium to long	medium
<input type="checkbox"/> Leaf: width	broad	
<input type="checkbox"/> Leaf: glossiness of upper side	weak	
<input type="checkbox"/> Leaf: cross section	flat	
<input type="checkbox"/> *Inflorescence: type	racemose	
<input type="checkbox"/> Inflorescence: number of flowers	few	few to medium
<input type="checkbox"/> Inflorescence: pubescence	very weak to weak	
<input type="checkbox"/> Flower: type	single	
<input type="checkbox"/> *Flower: attitude of longitudinal axis	erect to horizontal	
<input type="checkbox"/> Flower: length of longest outer tepal	medium	
<input type="checkbox"/> Flower: width of widest outer tepal	medium to broad	
<input checked="" type="checkbox"/> *Flower: main colour of inner side of inner tepal (RHS colour chart)	red-purple group: near RHS N66C (nearest RHS 66C/74C)	red purple (near RHS 64D)
<input checked="" type="checkbox"/> Flower: main colour of outer side of inner tepal (RHS)	red-purple group:	red purple (near

colour chart)	near RHS N66D (nearest RHS 70C)	RHS 62B)
<input checked="" type="checkbox"/> *Flower: main colour of inner side of outer tepal (RHS colour chart)	red-purple group: near RHS N66C (nearest RHS 70B)	red purple (near RHS 64D)
<input checked="" type="checkbox"/> *Flower: colour of the nectar furrow	yellow green	green
<input type="checkbox"/> *Tepal: spots on inner side	present	
<input type="checkbox"/> *Tepal: number of spots on inner side	few to medium	
<input type="checkbox"/> *Tepal: size of spotted area on inner side	medium	
<input checked="" type="checkbox"/> *Tepal: spots on papillae	present	absent
<input type="checkbox"/> *Tepal: colour at the base of the main vein	yellow	red
<input type="checkbox"/> Tepal: texture of inner side	papillose	
<input type="checkbox"/> Tepal: undulation of margin	weak	
<input type="checkbox"/> Tepal: type of undulation of margin	fine and coarse	
<input type="checkbox"/> *Tepal: recurved part	distal part only	
<input type="checkbox"/> *Tepal: degree of recurving	medium	
<input type="checkbox"/> Stamen: length	medium	
<input type="checkbox"/> *Stamen: main colour of filament	green	
<input type="checkbox"/> *Stamen: colour of anther	reddish brown	
<input type="checkbox"/> Pollen: colour	orange brown	
<input type="checkbox"/> *Style: main colour	green	
<input type="checkbox"/> Flower: position of stigma in relation to anthers	above	
<input type="checkbox"/> Stigma: colour	purple	
<input type="checkbox"/> *Time of: flowering	early to medium	

Note: Data within parenthesis are from local observations.

Statistical Table

Organ/Plant Part: Context	'Argentina'
<input type="checkbox"/> Flower: number in inflorescence	
Mean	4.80
Std. Deviation	1.30
<input type="checkbox"/> Stem: length excluding inflorescence (mm)	
Mean	59.40
Std. Deviation	4.10
<input type="checkbox"/> Leaf midway on stem: length (mm)	
Mean	116.00
Std. Deviation	14.40
<input type="checkbox"/> Leaf midway on stem: width (mm)	
Mean	159.10
Std. Deviation	8.60
<input type="checkbox"/> Outer tepal: length (mm)	

Mean	159.10
Std. Deviation	8.60
<input type="checkbox"/> Outer tepal: width (mm)	
Mean	54.40
Std. Deviation	3.60

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2006	Applied	'Argentina'
EU	2003	Granted	'Argentina'
South Africa	2005	Applied	'Argentina'

First sold in The Netherlands in Oct 2004.

Description: **Brian Hanger**, Wantirna, VIC.

Details of Application

Application Number	2006/362
Variety Name	'Belladonna'
Genus Species	<i>Lilium</i> hybrid
Common Name	Lily
Synonym	Nil
Accepted Date	27 Jun 2007
Applicant	Vletter & Den Haan Beheer B.V., Rijnsburg, The Netherlands.
Agent	Watermark - Patent & Trademark Attorneys, Melbourne, VIC.
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing Authority	Community Plant Variety Office (CPVO)
Overseas Data Reference Number	LEL 2377
Location	DLO Foundation, WOT-unit, CGN Plant Variety Office (CPVO).
Descriptor Period	Lily (<i>Lilium</i>) TG/59/6. 2005
Conditions	Overseas data was verified in Australia by local observations at Silvan, VIC (Latitude 37°.5'S, Longitude 145°.3'E, Elevation 250m), in an environmentally controlled greenhouse during late autumn/early spring 2006 (Southern Hemisphere). Cool-stored bulbs planted into a pine-bark based potting mix held in rectangular trays 60x40cm in area and 15-18cm deep. Plants spaced to express their true growth characteristics. Plants throughout their life cycle maintained under sound cultural practices. Overall plants growth vigorous, free from stress.
Trial Design	Trays for each variety were replicated twice and each tray held 10-15 bulbs of flowering size.
Measurements	Observations and measurements made at random from within the plant population. Weak plants were rejected. Measurements taken were: stem length excluding flower head, length and width of leaves sampled midway along stem, length and width of longest outer tepal, and flower number in flower head.
RHS Chart - edition	1986.

Origin and Breeding

Controlled pollination: seed parent, breeder reference PG 96-034 x pollen parent 'Devotion'. This phenotype was discovered as a result of a yearly cross-pollination breeding program under controlled conditions in a dedicated breeding greenhouse at Rijnsburg, the Netherlands on the property of the breeder. Initial multiplication was by tissue culture. Bulbs produced were grown on the premises of the breeder at several locations in the Netherlands, and flowered over a number of seasons. This phenotype appeared genetically stable over three generations. Later multiplication was also by scaling of mature bulbs. Breeder: Cees A v.d Voort.

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

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

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Conca D'Or'	Closest 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
'PG 96-034'	plant height	medium to tall	short to medium	seed parent
'Devotion'	flower colour	light to medium yellow	medium to rich yellow	pollen parent

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

Organ/Plant Part: Context	'Belladonna'	'Conca D'Or'
<input type="checkbox"/> *Plant: height	medium to tall	medium
<input type="checkbox"/> *Stem: anthocyanin colouration	present	
<input checked="" type="checkbox"/> Stem: distribution of anthocyanin colouration	speckled and striped	even
<input type="checkbox"/> Stem: number of leaves on middle third	few to medium	
<input type="checkbox"/> *Leaf: arrangement	alternate	
<input checked="" type="checkbox"/> *Leaf: level of tip compared to point of attachment to stem	above	same level
<input type="checkbox"/> *Leaf: distal part	straight	
<input type="checkbox"/> Leaf: length	medium to long	
<input type="checkbox"/> Leaf: width	medium to broad	
<input type="checkbox"/> Leaf: glossiness of upper side	weak to medium	
<input type="checkbox"/> Leaf: cross section	flat	
<input type="checkbox"/> *Inflorescence: type	racemose	
<input type="checkbox"/> Inflorescence: number of flowers	few	few to medium
<input type="checkbox"/> Inflorescence: pubescence	very weak to weak	
<input type="checkbox"/> Flower: type	single	
<input type="checkbox"/> *Flower: attitude of longitudinal axis	erect to horizontal	
<input type="checkbox"/> Flower: length of longest outer tepal	medium to long	
<input type="checkbox"/> Flower: width of widest outer tepal	medium to broad	
<input checked="" type="checkbox"/> *Flower: main colour of inner side of inner tepal (RHS colour chart)	yellow, RHS 9A (RHS 8A and 8B)	yellow, near RHS 9B/12B
<input checked="" type="checkbox"/> Flower: main colour of outer side of inner tepal (RHS colour chart)	light yellow, RHS between 9B/9C (RHS 8B-8D)	light yellow. RHS 9D
<input type="checkbox"/> *Flower: main colour of inner side of outer tepal (RHS	yellow, near RHS 9A (RHS 8B)	yellow, near RHS 9B/12B

colour chart)

<input type="checkbox"/> *Flower: type of colouration of inner side of inner tepal	self coloured	
<input type="checkbox"/> *Flower: colour of the nectar furrow	green	
<input type="checkbox"/> *Tepal: spots on inner side	absent	
<input type="checkbox"/> *Tepal: spots on papillae	absent	
<input type="checkbox"/> *Tepal: colour at the base of the main vein	yellow green	yellow
<input type="checkbox"/> Tepal: texture of inner side	papillose	
<input type="checkbox"/> Tepal: undulation of margin	weak	
<input type="checkbox"/> Tepal: type of undulation of margin	fine and coarse	
<input type="checkbox"/> *Tepal: recurved part	distal part only	
<input checked="" type="checkbox"/> *Tepal: degree of recurving	weak to medium	medium to strong
<input type="checkbox"/> Stamen: length	long	
<input type="checkbox"/> *Stamen: main colour of filament	green	
<input type="checkbox"/> *Stamen: colour of anther	reddish brown	
<input checked="" type="checkbox"/> Pollen: colour	orange brown	light brown
<input type="checkbox"/> *Style: main colour	green	
<input type="checkbox"/> Flower: position of stigma in relation to anthers	above	
<input type="checkbox"/> Stigma: colour	dark purple	
<input type="checkbox"/> *Time of: flowering	medium	

Note: Data within parenthesis are from local observations.

Statistical Table

Organ/Plant Part: Context	'Belladonna'
<input type="checkbox"/> Stem: length excluding inflorescence (mm)	
Mean	78.60
Std. Deviation	2.00
<input type="checkbox"/> Leaf midway on stem: length (mm)	
Mean	129.20
Std. Deviation	14.10
<input type="checkbox"/> Leaf midway on stem: width (mm)	
Mean	20.40
Std. Deviation	2.30
<input type="checkbox"/> Outer tepal: length (mm)	
Mean	142.60
Std. Deviation	3.80
<input type="checkbox"/> Outer tepal: width (mm)	
Mean	46.60
Std. Deviation	1.50
<input type="checkbox"/> Flower: number in inflorescence	
Mean	3.60
Std. Deviation	0.90

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2006	Applied	'Belladonna'
EU	2005	Granted	'Belladonna'
South Africa	2005	Applied	'Belladonna'

First sold in The Netherlands in Oct 2005.

Description: **Brian Hanger**, Wantirna, VIC.

Details of Application

Application Number	2007/154
Variety Name	'LIDO'
Genus Species	<i>Lilium</i>
Common Name	Lily
Synonym	Nil
Accepted Date	19 Jul 2007
Applicant	Vletter & Den Haan Beheer B.V.
Agent	Watermark - Patent & Trademark Attorneys
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing Authority	Community Plant Variety Office (CPVO)
Overseas Data Reference Number	LEL 2215
Location	DLO Foundation, WOT-unit, CGN Plant Variety Office (CPVO).
Descriptor Period	Lily (<i>Lilium</i>) TG/59/6. 2004.
Conditions	Overseas data was verified in Australia by local observations at Silvan, VIC (Latitude 37°.5'S, Longitude 145°.3'E, Elevation 250m), in an environmentally controlled greenhouse during late autumn/early spring 2006 (Southern Hemisphere). Cool-stored bulbs planted into a pine-bark based potting mix held in rectangular trays 60x40cm in area and 15-18cm deep. Plants spaced to express their true growth characteristics. Plants throughout their life cycle maintained under sound cultural practices. Overall plants growth vigorous, free from stress.
Trial Design	Trays for each variety were replicated twice and each tray held 10-15 bulbs of flowering size.
Measurements	Observations and measurements made at random from within the plant population. Weak plants were rejected. Measurements taken were: stem length excluding flower head, length and width of leaves sampled midway along stem, length and width of longest outer tepal, and flower number in flower head.
RHS Chart - edition	1986.

Origin and Breeding

Controlled pollination: seed parent breeder reference 93-040 x pollen parent breeder reference RW97-001. This phenotype was discovered as a result of a yearly cross-pollination breeding program under controlled conditions in a dedicated breeding greenhouse at Rijnsburg, the Netherlands on the property of the breeder. Initial multiplication was by tissue culture. Bulbs produced were grown on the premises of the breeder at several locations in the Netherlands, and flowered over a number of seasons. This phenotype appeared genetically stable over three generations. Later multiplication was also by scaling of mature bulbs. Selection criteria: strong pink flower colour, upright flowers in inflorescence. Breeder: Cees A v.d Voort.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	oriental hybrid

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Le Reve'	Closest 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
93-040	flower colour	pink	white/pink	seed parent
RW97-001	inflorescence flower number	few	many	pollen parent
RW97-001	flower colour	pink	white	pollen parent
'Fenice'	tepals spots on inner side	absent	present	
'Fenice'	flower nectar furrow colour	green	yellow green	

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

Organ/Plant Part: Context	'LIDO'	'Le Reve'
<input type="checkbox"/> *Plant: height	medium to tall	
<input type="checkbox"/> *Stem: anthocyanin colouration	present	
<input type="checkbox"/> Stem: distribution of anthocyanin colouration	speckled and striped	
<input type="checkbox"/> Stem: number of leaves on middle third	few to medium	
<input type="checkbox"/> *Leaf: arrangement	alternate	
<input type="checkbox"/> *Leaf: level of tip compared to point of attachment to stem	above	
<input type="checkbox"/> *Leaf: distal part	straight	
<input type="checkbox"/> Leaf: length	medium	
<input type="checkbox"/> Leaf: width	medium to broad	
<input type="checkbox"/> Leaf: glossiness of upper side	weak	
<input type="checkbox"/> Leaf: cross section	flat	
<input type="checkbox"/> *Inflorescence: type	racemose	
<input type="checkbox"/> Inflorescence: number of flowers	few	
<input type="checkbox"/> Inflorescence: pubescence	very weak to weak	
<input type="checkbox"/> Flower: type	single	
<input checked="" type="checkbox"/> *Flower: attitude of longitudinal axis	erect	horizontal
<input type="checkbox"/> Flower: length of longest outer tepal	medium to long	
<input type="checkbox"/> Flower: width of widest outer tepal	medium to broad	

<input type="checkbox"/> *Flower: main colour of inner side of inner tepal (RHS colour chart)	red-purple group: between RHS 73B-C (near RHS 65B/73D)	
<input type="checkbox"/> Flower: main colour of outer side of inner tepal (RHS colour chart)	red-purple group: between RHS 73C-D (near RHS 73D/75C)	
<input type="checkbox"/> *Flower: main colour of inner side of outer tepal (RHS colour chart)	red-purple group: between RHS 73B-C (near RHS 65B/73D)	
<input type="checkbox"/> *Flower: type of colouration of inner side of inner tepal	self coloured	
<input checked="" type="checkbox"/> *Flower: colour of the nectar furrow	green	yellow
<input checked="" type="checkbox"/> *Tepal: spots on inner side	absent	present
<input type="checkbox"/> *Tepal: spots on papillae	absent	
<input type="checkbox"/> *Tepal: colour at the base of the main vein	pink	
<input type="checkbox"/> Tepal: texture of inner side	papillose	
<input type="checkbox"/> Tepal: undulation of margin	medium to strong	
<input type="checkbox"/> Tepal: type of undulation of margin	fine and coarse	
<input type="checkbox"/> *Tepal: recurved part	distal part only	
<input type="checkbox"/> *Tepal: degree of recurving	medium	
<input type="checkbox"/> Stamen: length	medium	
<input type="checkbox"/> *Stamen: main colour of filament	green	
<input type="checkbox"/> *Stamen: colour of anther	purple	
<input type="checkbox"/> Pollen: colour	orange brown	
<input type="checkbox"/> *Style: main colour	green	
<input type="checkbox"/> Flower: position of stigma in relation to anthers	above	
<input checked="" type="checkbox"/> Stigma: colour	grey	purple red
<input type="checkbox"/> *Time of: flowering	medium	

Note: Data within parenthesis are from local observations.

Statistical Table

Organ/Plant Part: Context	'LIDO'
<input type="checkbox"/> Stem: length excluding inflorescence (mm)	
Mean	89.10
Std. Deviation	6.00
<input type="checkbox"/> Leaf: length midway along stem (mm)	
Mean	97.00
Std. Deviation	12.30
<input type="checkbox"/> Leaf: width midway along stem (mm)	
Mean	20.00
Std. Deviation	3.70

<input type="checkbox"/> Outer tepal: length (mm)	
Mean	135.10
Std. Deviation	4.10
<input type="checkbox"/> Outer tepal: width (mm)	
Mean	37.20
Std. Deviation	1.90
<input type="checkbox"/> Flower: number	
Mean	2.80
Std. Deviation	0.80

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2005	Granted	'LIDO'

First sold in The Netherlands in Oct 2005.

Description: **Brian Hanger**, Wantirna, VIC.

Details of Application

Application Number	2006/361
Variety Name	'Giacondo'
Genus Species	<i>Lilium</i> hybrid
Common Name	Lily
Synonym	Nil
Accepted Date	27 Jun 2007
Applicant	Vletter & Den Haan Beheer B.V., Rijnsburg, The Netherlands.
Agent	Watermark - Patent & Trademark Attorneys, Melbourne, VIC.
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing Authority	Community Plant Variety Office (CPVO)
Overseas Data Reference Number	LEL 2348
Location	DLO Foundation, WOT-unit, CGN Plant Variety Office (CPVO).
Descriptor Period	Lily (<i>Lilium</i>) TG/59/6. 2005.
Conditions	Overseas data was verified in Australia by local observations at Silvan, VIC (Latitude 37°.5'S, Longitude 145°.3'E, Elevation 250m), in an environmentally controlled greenhouse during late autumn/early spring 2006 (Southern Hemisphere). Cool-stored bulbs planted into a pine-bark based potting mix held in rectangular trays 60x40cm in area and 15-18cm deep. Plants spaced to express their true growth characteristics. Plants throughout their life cycle maintained under sound cultural practices. Overall plants growth vigorous, free from stress.
Trial Design	Trays for each variety were replicated twice and each tray held 10-15 bulbs of flowering size.
Measurements	Observations and measurements made at random from within the plant population. Weak plants were rejected. Measurements taken were: stem length excluding flower head, length and width of leaves sampled midway along stem, length and width of longest outer tepal, and flower number in flower head.
RHS Chart - edition	1986.

Origin and Breeding

Controlled pollination: seed parent 'Gentile' x pollen parent 'Benevento'. This phenotype was discovered as a result of a yearly cross-pollination breeding program under controlled conditions in a dedicated breeding greenhouse at Rijnsburg, the Netherlands on the property of the breeder. Initial multiplication was by tissue culture. Bulbs produced were grown on the premises of the breeder at several locations in the Netherlands, and flowered over a number of seasons. This phenotype appeared genetically stable over three generations. Later multiplication was also by scaling of mature bulbs. Selection criteria: strong pink flower colour, upright flowers in inflorescence. Breeder; Cees A v.d Voort.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	oriental hybrid
Flower	colour	whitish pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Marco Polo'	closest comparator

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
'Gentile'	inflorescence	flower number	few	very few to few	seed parent
'Gentile'	flower	colour	whitish pink	pale pink	seed parent
'Benevento'	flower	colour	whitish pink	white	pollen parent
'Gentile'	tepal	undulation of margin	weak to medium	medium to strong	pollen parent

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

Organ/Plant Part: Context	'Giacondo'	'Marco Polo'
<input type="checkbox"/> *Plant: height	tall	
<input type="checkbox"/> *Stem: anthocyanin colouration	present	
<input type="checkbox"/> Stem: distribution of anthocyanin colouration	speckled and striped	
<input type="checkbox"/> Stem: number of leaves on middle third	few	
<input type="checkbox"/> *Leaf: arrangement	alternate	
<input type="checkbox"/> *Leaf: level of tip compared to point of attachment to stem	same level	
<input type="checkbox"/> *Leaf: distal part	straight	
<input type="checkbox"/> Leaf: length	medium	
<input type="checkbox"/> Leaf: width	broad	
<input type="checkbox"/> Leaf: glossiness of upper side	weak	
<input type="checkbox"/> Leaf: cross section	flat	
<input type="checkbox"/> *Inflorescence: type	racemose	
<input type="checkbox"/> Inflorescence: number of flowers	few	very few to few
<input type="checkbox"/> Inflorescence: pubescence	very weak to weak	
<input type="checkbox"/> Flower: type	single	
<input type="checkbox"/> *Flower: attitude of longitudinal axis	erect to horizontal	erect
<input type="checkbox"/> Flower: length of longest outer tepal	medium to long	
<input type="checkbox"/> Flower: width of widest outer tepal	medium to broad	
<input type="checkbox"/> *Flower: main colour of inner side of inner tepal (RHS colour chart)	white near RHS 155B with pink	

<input type="checkbox"/>	flush RHS 68C		
<input type="checkbox"/>	Flower: main colour of outer side of inner tepal (RHS colour chart)	white near RHS 155C	
<input type="checkbox"/>	*Flower: main colour of inner side of outer tepal (RHS colour chart)	white near RHS 155B with pink flush RHS 68C	
<input type="checkbox"/>	*Flower: type of colouration of inner side of inner tepal	self coloured	
<input type="checkbox"/>	*Flower: colour distribution (single coloured varieties only)	lighter towards base	
<input type="checkbox"/>	*Flower: colour of the nectar furrow	green	
<input checked="" type="checkbox"/>	*Tepal: spots on inner side	absent	present
<input checked="" type="checkbox"/>	*Tepal: spots on papillae	absent	present
<input checked="" type="checkbox"/>	*Tepal: colour at the base of the main vein	white	green
<input type="checkbox"/>	Tepal: texture of inner side	papillose	
<input type="checkbox"/>	Tepal: undulation of margin	weak to medium	
<input type="checkbox"/>	Tepal: type of undulation of margin	fine and coarse	
<input type="checkbox"/>	*Tepal: recurved part	distal part only	
<input type="checkbox"/>	*Tepal: degree of recurving	medium	
<input type="checkbox"/>	Stamen: length	medium	
<input type="checkbox"/>	*Stamen: main colour of filament	green	
<input type="checkbox"/>	*Stamen: colour of anther	purple	
<input type="checkbox"/>	Pollen: colour	reddish brown	
<input type="checkbox"/>	*Style: main colour	green	
<input type="checkbox"/>	Flower: position of stigma in relation to anthers	above	
<input checked="" type="checkbox"/>	Stigma: colour	grey	green
<input type="checkbox"/>	*Time of: flowering	medium	

Note: Data within parenthesis are from local observations.

Statistical Table

Organ/Plant Part: Context	'Giacondo'
<input type="checkbox"/> Stem: length excluding inflorescence (mm)	
Mean	102.80
Std. Deviation	10.20
<input type="checkbox"/> Leaf: length (mm)	
Mean	159.40
Std. Deviation	2.80
<input type="checkbox"/> Leaf: width (mm)	
Mean	43.60
Std. Deviation	2.40
<input type="checkbox"/> Outer tepal: length (mm)	
Mean	128.00
Std. Deviation	7.10
<input type="checkbox"/> Outer tepal: width (mm)	

Mean	39.40
Std. Deviation	3.40
<input type="checkbox"/> Flowers: number	
Mean	4.40
Std. Deviation	0.50

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2006	Applied	'Giacondo'
EU	2005	Granted	'Giacondo'
South Africa	2005	Applied	'Giacondo'

First sold in The Netherlands in Oct 2005.

Description: **Brian Hanger**, Wantirna, VIC.

Details of Application

Application Number	2003/251
Variety Name	'Bella'
Genus Species	<i>Citrus</i> hybrid
Common Name	Mandarin
Synonym	Nil
Accepted Date	9 Dec 2003
Applicant	K.E. Walker, Gol Gol, NSW
Agent	N/A
Qualified Person	Garth Swinburn

Details of Comparative Trial

Location	Sturt Highway, Monak, NSW.
Descriptor	Mandarin (<i>Citrus</i> Group 1) TG/201/1.
Period	Sep 2005 to Sep 2007.
Conditions	The candidate mandarin ('Bella') and two comparator mandarin varieties ('Honey Murcott' and 'Topaz') were grafted onto established 'Sweet Orange' rootstock at Monak in 2005. The candidate graft material was sourced from trees that had been propagated during the late 1990s from daughter trees of the original source seedling tree. By Sep 2006 the grafts were well developed and flowered with adequate abundance to commence measurements. Plant measurements were made between Sep 2006 and Sep 2007.
Trial Design	Three varieties were compared: the candidate and two comparator varieties. Each variety plot consisted of three grafted trees. Each plot was replicated three times within the same row, providing a total of nine trees per variety for comparison.
Measurements	Measurements were made on flowers, shoots, leaves and fruit.
RHS Chart - edition	Nil

Origin and Breeding

Open pollinated seedling: The candidate variety arose in 1993 as a seedling growing in an existing orchard of 'Ellendale' mandarin trees. Seven daughter trees were propagated from that seedling. Further propagation from those daughter trees in the late 1990s provided adequate trees from which to take cuttings to graft onto 80 trees to test stability of fruit characteristics. The fruit of the new variety is round in shape and deep orange in colour which is distinctly different from the parental variety 'Ellendale'. Selection criteria: late maturity, rind colour. Propagation: vegetatively by grafting. Breeder: Ken Walker, Gol Gol, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	shape in transverse section	circular
Fruit	length/diameter ratio	medium
Fruit	presence of collar	absent
Fruit	general shape of distal part	flattened
Fruit	presence of depression at distal end	present
Fruit	diameter of depression at distal end	small
Fruit	persistence of style	none
Fruit	presence of navel opening	absent
Fruit	rind thickness	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Honey Murcott'	
'Topaz'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Ellendale'	fruit	shape	round	flat
'Ellendale'	fruit	maturity	very late	late
'Sweet Orange'	fruit	size	small to medium	medium-large
'Sweet Orange'	fruit	seediness	few seeds	many seeds
'Valencia'	fruit	size	small to medium	very large
'Afourer'	fruit	maturity	very late	mid season

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

Organ/Plant Part: Context	'Bella'	'Honey Murcott'	'Topaz'
<input checked="" type="checkbox"/> Tree: density of spines	absent or sparse	intermediate	absent or sparse
<input type="checkbox"/> Tree: length of spines	short	short	short
<input checked="" type="checkbox"/> Leaf blade: length	medium to long	medium	short to medium
<input type="checkbox"/> Leaf blade: width	narrow to medium	narrow to medium	narrow to medium
<input checked="" type="checkbox"/> Leaf blade: ratio length/width	medium to large	medium to large	medium
<input type="checkbox"/> Leaf blade: shape in cross section	intermediate	intermediate	intermediate
<input type="checkbox"/> Leaf blade: twisting	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: blistering	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: green colour	medium	light to medium	light to medium
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	crenate	crenate
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf blade: emargination at tip	absent	absent	absent
<input type="checkbox"/> Petiole: length	medium	medium	medium
<input checked="" type="checkbox"/> Petiole: presence of wings	present	absent	absent
<input type="checkbox"/> Petiole: width of wings (varieties with petiole wings present only)	very narrow	n/a	n/a
<input checked="" type="checkbox"/> *Fruit: length	short to medium	very short to short	medium to long
<input checked="" type="checkbox"/> *Fruit: diameter	small to medium	small	medium
<input type="checkbox"/> *Fruit: ratio length/diameter	medium	medium	medium
<input checked="" type="checkbox"/> *Fruit: position of broadest part	towards distal end	at middle	towards distal end
<input type="checkbox"/> Fruit: shape in transverse	circular	circular	circular

section

<input checked="" type="checkbox"/> *Fruit: general shape of proximal part	slightly rounded	flattened	slightly rounded
<input checked="" type="checkbox"/> *Fruit: presence of neck	present	absent	present
<input type="checkbox"/> Fruit: length of neck (necked varieties only)	short	n/a	short
<input type="checkbox"/> Fruit: thickness of neck (necked varieties only)	medium	n/a	medium
<input type="checkbox"/> Fruit: number of radial grooves at stalk end	intermediate	intermediate	intermediate
<input checked="" type="checkbox"/> Fruit: length of radial grooves at stalk end	short	long	short
<input checked="" type="checkbox"/> Fruit: depression at stalk attachment (necked varieties only)	intermediate	absent or shallow	intermediate
<input type="checkbox"/> Fruit: presence of collar	absent	absent	absent
<input type="checkbox"/> *Fruit: general shape of distal part	flattened	flattened	flattened
<input type="checkbox"/> *Fruit: presence of depression at distal end	present	present	present
<input checked="" type="checkbox"/> Fruit: depth of depression at distal end	medium	shallow	shallow
<input type="checkbox"/> Fruit: diameter of depression at distal end	small	small	small
<input checked="" type="checkbox"/> *Fruit: presence of areola	absent	absent	complete
<input checked="" type="checkbox"/> Fruit: diameter of stylar scar	very small to small	small to medium	medium
<input type="checkbox"/> Fruit: persistence of style	none	none	none
<input type="checkbox"/> Fruit: presence of navel opening	absent	absent	absent
<input checked="" type="checkbox"/> Fruit: presence of radial grooves at distal end	absent	absent	present
<input checked="" type="checkbox"/> *Fruit surface: predominant colours	dark orange	yellow orange	dark orange
<input checked="" type="checkbox"/> *Fruit surface: glossiness	absent or very weak	medium to strong	absent or very weak
<input checked="" type="checkbox"/> Fruit surface: roughness	medium	very smooth to smooth	medium to rough
<input type="checkbox"/> Fruit surface: size of oil glands	all more or less the same size	all more or less the same size	all more or less the same size
<input type="checkbox"/> Fruit surface: size of larger oil glands	medium	medium	medium
<input type="checkbox"/> Fruit surface: conspicuousness of larger oil glands	weak	weak	weak
<input type="checkbox"/> Fruit surface: presence of pitting and pebbling in oil glands	pitting present, pebbling absent	pitting and pebbling absent	pitting present, pebbling absent
<input type="checkbox"/> Fruit surface: density of pitting (varieties with fruit	medium	n/a	medium

surface: pitting on oil glands present only)			
<input type="checkbox"/> *Fruit rind: thickness	medium	medium	medium
<input type="checkbox"/> *Fruit rind: adherence to flesh	weak	medium	medium to strong
<input checked="" type="checkbox"/> Fruit rind: strength	medium	weak	medium
<input type="checkbox"/> Fruit rind: oiliness	dry to medium	medium to oily	dry to medium
<input type="checkbox"/> Fruit rind: conspicuousness of oil glands on inner surface	absent or weakly conspicuous	absent or weakly conspicuous	absent or weakly conspicuous
<input checked="" type="checkbox"/> Fruit: colour of albedo	light orange	light orange	light yellow
<input type="checkbox"/> Fruit: density of albedo	loose	medium	dense
<input type="checkbox"/> *Fruit: amount of albedo adhering to flesh	small	medium	large
<input checked="" type="checkbox"/> Fruit: presence of albedo strands	present	present	absent
<input type="checkbox"/> Fruit: amount of albedo strands	large	medium	small
<input checked="" type="checkbox"/> *Fruit: main colour of flesh	medium orange	light orange	medium orange
<input checked="" type="checkbox"/> Fruit: filling of core	absent or very sparse	medium	sparse
<input checked="" type="checkbox"/> Fruit: diameter of core	large	small	medium
<input type="checkbox"/> Fruit: number of well developed segments	medium	medium	medium
<input checked="" type="checkbox"/> Fruit: coherence of adjacent segment walls	weak	medium	weak
<input checked="" type="checkbox"/> Fruit: strength of segment walls	strong	medium	medium
<input type="checkbox"/> Fruit: length of juice vesicles	medium	short	medium
<input type="checkbox"/> Fruit: thickness of juice vesicles	medium	medium	medium
<input type="checkbox"/> Fruit: conspicuousness of juice vesicle walls	medium	medium	medium
<input type="checkbox"/> Fruit: coherence of juice vesicles	weak	weak	weak
<input type="checkbox"/> *Fruit: presence of navel (viewed internally)	absent or very rare	absent or very rare	absent or very rare
<input checked="" type="checkbox"/> Fruit: juiciness	medium	medium to high	high
<input checked="" type="checkbox"/> *Fruit juice: total soluble solids	medium	high	medium
<input checked="" type="checkbox"/> Fruit juice: acidity	very low	low to medium	low to medium
<input checked="" type="checkbox"/> Fruit: number of seeds (open pollination)	few	many	medium
<input checked="" type="checkbox"/> Seed: length	medium	short	medium to long
<input type="checkbox"/> Seed: width	medium	medium	broad
<input checked="" type="checkbox"/> Seed: surface	wrinkled	smooth	wrinkled

<input type="checkbox"/> Seed: prominence of wrinkles (varieties with seed surface wrinkled only)	weak	n/a	weak
<input type="checkbox"/> Seed: external colour	yellowish	brownish	yellowish
<input type="checkbox"/> *Time of: maturity of fruit for consumption	late to very late	n/a	late to very late
<input type="checkbox"/> *Fruit: parthenocarpy	absent	n/a	n/a

Statistical Table

Organ/Plant Part: Context	'Bella'	'Honey Murcott'	'Topaz'
<input checked="" type="checkbox"/> Leaf: leaf blade length (mm)			
Mean	87.00	82.50	74.10
Std. Deviation	12.49	12.13	10.01
LSD/sig	7.63	ns	P≤0.01
<input checked="" type="checkbox"/> Fruit: acid (%)			
Mean	0.68	0.95	0.98
Std. Deviation	0.01	0.09	0.06
LSD/sig	0.18	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: total soluble solids (degrees brix)			
Mean	12.08	15.06	11.80
Std. Deviation	0.20	0.05	0.70
LSD/sig	1.28	P≤0.01	ns
<input type="checkbox"/> Fruit: juiciness (%)			
Mean	34.22	45.97	51.92
Std. Deviation	6.29	0.99	2.69
LSD/sig	12.08	ns	P≤0.01
<input checked="" type="checkbox"/> Fruit: length (mm)			
Mean	59.20	54.57	64.00
Std. Deviation	7.76	10.30	5.33
LSD/sig	4.22	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: diameter (mm)			
Mean	65.00	60.18	73.50
Std. Deviation	5.98	7.71	5.16
LSD/sig	3.67	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: ratio of length to width			
Mean	2.20	2.30	1.87
Std. Deviation	0.29	0.30	0.32
LSD/sig	0.25	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Garth Swinburn**, Scholefield Robinson Mildura Pty Ltd, Mildura, VIC

of Application

Application Number	2003/060
Variety Name	'Dolce'
Genus Species	<i>Mangifera indica</i>
Common Name	Mango
Synonym	Nil
Accepted Date	28 Mar 2003
Applicant	Vasily Seminutin and Nadia Seminutin, Yarwin, QLD
Agent	N/A
Qualified Person	Anthony Whiley

Details of Comparative Trial

Location	Yarwin, Central Queensland.
Descriptor	Mango (<i>Mangifera indica</i>)
Period	2003-2007.
Conditions	The comparative trial was established at Yarwin, QLD. Conditions: scions of the candidate and comparator variety were grafted to seedling 'Kensington Pride' rootstocks. Trees were grown in a sandy loam soil of low natural fertility and planted 4x8m apart. Trees were grown following commercial practice as outlined in the Queensland DPI Mango Information Kit (Agrilink series).
Trial Design	Fifteen single tree replicates of each variety planted in a completely randomised design.
Measurements	Twenty random measurements were made from each of the replicates.
RHS Chart - edition	1995.

Origin and Breeding

Open-pollination: 'Dolce' was discovered in a 'Kensington Pride' orchard on the property of V. and N. Seminutin at Yarwin, central Queensland. The 'Kensington Pride' orchard was grafted to nucellar 'Kensington Pride' seedling rootstocks but on the 'Dolce' tree the graft had failed and the rootstock grew and began producing fruit. It is believed that 'Dolce' is an outcrossed seedling of 'Kensington Pride'. The tree was monitored for 3 years before establishing the comparative trial. Selection criteria: precocious, reliable cropping with large sweet fruit. Propagation: vegetatively propagated by grafting scions onto seedling rootstocks. Breeder: Mr V. and Mrs N. Seminutin, PO Box 95, Yarwin, QLD 4694.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Mature fruit	shape of left shoulder	rounded outward
Mature fruit	shape of right shoulder	rounded outward
Mature fruit	shape in cross section	broad elliptic
Mature fruit	groove in left shoulder	absent
Mature fruit	lumpiness on left shoulder	absent
Mature fruit	sinus proximal of stylar scar	absent
Mature fruit	bulge proximal of stylar scar	absent
Seed	polyembryony	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kensington Pride'	'Kensington Pride' is the most common mango variety grown in Australia and is thought to be the maternal parent of the candidate

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

Organ/Plant Part: Context	'Dolce'	'Kensington Pride'
<input type="checkbox"/> *Tree: attitude of main branches	erect	erect
<input type="checkbox"/> *Fully developed leaf: attitude	horizontal	horizontal
<input type="checkbox"/> Fully developed leaf: predominant shape	oblong	oblong
<input type="checkbox"/> Fully developed leaf: colour	green	green
<input type="checkbox"/> Fully developed leaf: twisting of blade	absent	absent
<input type="checkbox"/> Fully developed leaf: shape in cross section	concave	concave
<input type="checkbox"/> Fully developed leaf: symmetry	always symmetric	always symmetric
<input type="checkbox"/> Fully developed leaf: curvature of midrib	present	present
<input type="checkbox"/> Fully developed leaf: position of curvature of midrib	from apex	from apex
<input type="checkbox"/> Fully developed leaf: relief of upper surface	smooth	smooth
<input type="checkbox"/> Fully developed leaf: shape of tip	attenuate	attenuate
<input type="checkbox"/> Fully developed leaf: shape of base	acute	acute
<input type="checkbox"/> Fully developed leaf: fragrance	present	present
<input type="checkbox"/> *Inflorescence: attitude of axis	erect	erect
<input type="checkbox"/> *Inflorescence: length	medium	medium
<input type="checkbox"/> Inflorescence: width	medium	medium
<input type="checkbox"/> *Inflorescence: colour of axis and branches	dark pink	pink
<input type="checkbox"/> Inflorescence: leafy bracts	absent	absent
<input type="checkbox"/> *Mature fruit: shape in cross section	broad elliptic	broad elliptic
<input type="checkbox"/> Mature fruit: depth of stalk cavity	shallow	medium
<input type="checkbox"/> Mature fruit: prominence of neck	weak	weak
<input type="checkbox"/> *Mature fruit: shape of left shoulder	rounded outward	rounded outward
<input type="checkbox"/> *Mature fruit: shape of right shoulder	rounded outward	rounded outward
<input type="checkbox"/> Mature fruit: groove in left shoulder	absent	absent
<input type="checkbox"/> Mature fruit: lumpiness on left shoulder	absent	absent
<input type="checkbox"/> *Mature fruit: sinus proximal of stylar scar	absent	present
<input type="checkbox"/> *Mature fruit: bulge proximal of stylar scar	absent	absent
<input type="checkbox"/> *Seed: polyembryony	present	present
<input checked="" type="checkbox"/> *Time of: fruit maturity	late	early to medium

Statistical Table

Organ/Plant Part: Context	'Dolce'	'Kensington Pride'
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	170.60	192.90
Std. Deviation	4.80	6.67

LSD/sig	5.86	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	37.67	44.75
Std. Deviation	3.22	1.63
LSD/sig	2.57	P≤0.01
<input checked="" type="checkbox"/> Leaf: length/width ratio		
Mean	4.58	4.32
Std. Deviation	0.21	0.17
LSD/sig	0.19	P≤0.01
<input checked="" type="checkbox"/> Petiole: length (mm)		
Mean	23.38	24.99
Std. Deviation	1.96	2.06
LSD/sig	2.03	ns
<input checked="" type="checkbox"/> Fruit: weight (g)		
Mean	460.30	438.10
Std. Deviation	14.09	25.90
LSD/sig	21.03	P≤0.01
<input checked="" type="checkbox"/> Fruit: length (mm)		
Mean	111.50	114.40
Std. Deviation	2.02	2.97
LSD/sig	2.56	P≤0.01
<input checked="" type="checkbox"/> Fruit: diameter (mm)		
Mean	89.56	86.23
Std. Deviation	1.82	1.99
LSD/sig	1.93	P≤0.01
<input type="checkbox"/> Fruit: length/diameter ratio		
Mean	1.23	1.32
Std. Deviation	0.05	0.02
LSD/sig	0.04	P≤0.01

Prior Applications and Sales

Nil.

Description: **Anthony Whiley**, Sunshine Horticultural Services Pty Ltd, Nambour, QLD.

Details of Application

Application Number	2006/211
Variety Name	'Tequila Sunrise'
Genus Species	<i>Coprosma repens</i>
Common Name	Mirror Plant
Synonym	Nil
Accepted Date	10 Aug 2006
Applicant	Annton Nursery Ltd, Cambridge, New Zealand
Agent	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Tynong, VIC.
Descriptor	Coprosma (<i>Coprosma</i>) PBR COPR.
Period	Spring/summer 2006.
Conditions	The trial was grown in 14cm pots on benching with commercial pine bark based potting mix that contained slow release fertiliser, irrigation was from overhead sprinklers.
Trial Design	10 plants in block design.
Measurements	Leaf measurements made from middle third of stem.
RHS Chart - edition	RHS 1995.

Origin and Breeding

Spontaneous mutation: a sport appeared on Coprosma 'Yvonne' in Mar 2003 at the breeder's property in Cambridge, New Zealand. Cuttings were taken from this sport and grown on to establish stability, uniformity and distinctness. To date, the plant has grown through 12 generations with no off-types being recorded. Selection criteria: Plant: habit, foliage colour. Propagation: vegetative. Breeder: Stephen Burton, Cambridge, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	density	dense
Young leaf	main colour of upper side	orange and red
Leaf	shape of blade	oblong
Leaf	distribution of secondary colour on upper side	mainly in margin zone

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Evening Glow'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Yvonne'	Leaf variegation	present	absent
'Fire Burst'	Young leaf colour	brown and red	pink and green
'Rainbow Surprise'	Mature leaf secondary colour	greyed orange	orange brown to orange pink

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

Organ/Plant Part: Context	'Tequila Sunrise' 'Evening Glow'	
<input type="checkbox"/> Plant: growth habit	upright	upright
<input type="checkbox"/> Plant: height	medium to tall	medium to tall
<input type="checkbox"/> Plant: width	narrow to medium	narrow to medium
<input type="checkbox"/> Plant: density	dense	dense
<input type="checkbox"/> Young leaf: number of colours on upper side	two	two
<input checked="" type="checkbox"/> Young leaf: main colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	brown 200A	greyed orange 170B
<input checked="" type="checkbox"/> Young leaf: secondary colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	red 45A	brown 200A
<input type="checkbox"/> Young leaf: distribution of secondary colour on upper side	mainly in margin zone	mainly in margin zone
<input type="checkbox"/> Leaf: length of blade	medium	short to medium
<input type="checkbox"/> Leaf: width at broadest part	medium to broad	medium to broad
<input type="checkbox"/> Leaf: number of colours on upper side	two	two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	brown 200A	greyed orange 169A
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	greyed orange 169A	brown 200A
<input type="checkbox"/> Leaf: distribution of secondary colour on upper side	mainly in margin zone	mainly in margin zone
<input type="checkbox"/> Leaf: shape of blade	oblong	oblong
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input type="checkbox"/> Leaf: glossiness	strong	strong
<input type="checkbox"/> Leaf: undulation of margin	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf: twisting around longitudinal axis	weak to medium	very weak to weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2005	Applied	'Tequila Sunrise'

Prior sale nil.

Description: Mark Lunghusen, Cranbourne, VIC.

Details of Application

Application Number	2007/006
Variety Name	'Goldenglow'
Genus Species	<i>Coprosma repens</i>
Common Name	Mirror Plant
Synonym	Nil
Accepted Date	25 Jan 2007
Applicant	Growing Spectrum Ltd, Kinikini, New Zealand
Agent	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Greenhills propagation Nursery, Tynong, VIC.
Descriptor	Coprosma (<i>Coprosma</i>) PBR COPR.
Period	Spring/summer 2006
Conditions	Plants were grown in 14cm pots in commercial pine bark based potting mix with incorporated slow release fertiliser. Plants were grown on benches with overhead watering.
Trial Design	10 plants in block design.
Measurements	Leaf measurements made from middle third of stem.
RHS Chart - edition	RHS 1995.

Origin and Breeding

Spontaneous mutation: a sport appeared on the variety 'Evening Glow' in Feb 2003 at the breeder's property in Kinikini, New Zealand. Cuttings were taken from this sport and grown on to determine stability, uniformity and distinctness. To date the plant has grown through 6 generations with no off-types being recorded. Selection criteria: Plant habit, foliage colour. Propagation: vegetative. Breeder: Peter Fraser, Waikato, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape of blade	oblong
Leaf	distribution of secondary colour on upper side	mainly in margin zone
Plant	density	dense
Young leaf	number of colours on upper	two

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tequila Sunrise'	
'Evening Glow'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Fire Burst'	young leaf colour	orange and red	pink and 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	'Goldenglow'	'Evening Glow'	'Tequila Sunrise'
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input type="checkbox"/> Plant: height	medium to tall	medium to tall	medium to tall
<input type="checkbox"/> Plant: width	narrow to medium	narrow to medium	narrow to medium
<input type="checkbox"/> Plant: density	dense	dense	dense
<input type="checkbox"/> Young leaf: number of colours on upper side	two	two	two
<input checked="" type="checkbox"/> Young leaf: main colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	yellow 6A	yellow-green 154A	brown RHS 200A
<input checked="" type="checkbox"/> Young leaf: secondary colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	green 139A	brown 200A	red RHS 45A
<input type="checkbox"/> Young leaf: distribution of secondary colour on upper side	mainly in margin zone	mainly in margin zone	mainly in margin zone
<input type="checkbox"/> Leaf: length of blade	short to medium	medium	medium
<input type="checkbox"/> Leaf: width at broadest part	medium to broad	medium to broad	medium to broad
<input type="checkbox"/> Leaf: number of colours on upper side	two	two	two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	red 42A	greyed orange 169A	brown RHS 200A
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (including anthocyanin colouration) (RHS Colour Chart)	brown 200A	brown 200A	greyed orange RHS 169A
<input type="checkbox"/> Leaf: distribution of secondary colour on upper side	mainly in margin zone	mainly in margin zone	mainly in margin zone
<input type="checkbox"/> Leaf: shape of blade	oblong	oblong	oblong
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf: glossiness	strong	strong	strong
<input type="checkbox"/> Leaf: undulation of margin	very weak to weak	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf: twisting around longitudinal axis	very weak to weak	very weak to weak	weak to medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2005	Applied	'Golden Glow'

Prior sale nil.

Description: Mark Lunghusen, Cranbourne, VIC.

Details of Application

Application Number	2002/161
Variety Name	'Klondike White'
Genus Species	<i>Prunus persica</i>
Common Name	Peach
Synonym	Nil
Accepted Date	16 Apr 2003
Applicant	Zaiger's Inc. Genetics, Modesto, CA, USA
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC
Qualified Person	Lisa Corcoran

Details of Comparative Trial

Overseas Testing Authority	US Patent and Trademark Office
Overseas Data Reference Number	Plant Patent 10,872
Descriptor	Peach/Nectarine (<i>Prunus persica</i>) TG/53/6
Conditions	Where possible the US Plant Patent data was verified under local conditions at Yellingbo, VIC. The US Plant Patent data was converted into standard UPOV descriptors.

Origin and Breeding

Controlled pollination: the new and distinct variety of peach tree was developed by Zaiger Inc. Genetics at their experimental orchard near Modesto, California. The present variety originated as a first generation cross of selected seedling with field identification number 37G890 as the maternal parent and 'May Crest' peach as the pollen parent. The female parent (37G890) originated from a cross of 'Ruby Gold' nectarine with a white peach of unknown parentage. A large number of these first generation seedlings were planted and observed growing on their own roots. The selected seedling was chosen for asexual propagation and commercialisation based on its desirable fruiting characteristics. Breeder: Zaiger Inc. Genetics.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	flesh colour	white
Fruit	flavour	sub-acid
Flower	type	showy
Tree	size	large
Tree	habit	upright

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sierra Snow'	Matures approximately 7 days earlier than 'Klondike White'. Also 'Sierra Snow' is a clingstone peach whereas 'Klondike White' is a freestone.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression	State of Expression in Comparator Variety	Comments
'White Lady'	Fruit degree of over colour	very high	medium	'Klondike White' has a much darker over colour and a more over colour coverage. 'Klondike White' also matures later than 'White Lady'.

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

Organ/Plant Part: Context	'Klondike White'	'Sierra Snow'
<input type="checkbox"/> *Tree: size	large	large
<input type="checkbox"/> *Tree: habit	upright	upright
<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	light pink	
<input type="checkbox"/> *Petal: size	large	large
<input type="checkbox"/> *Anthers: pollen	present	present
<input type="checkbox"/> *Ovary: pubescence	present	present
<input type="checkbox"/> *Leaf blade: length	long	long
<input type="checkbox"/> *Leaf blade: width	broad	broad
<input type="checkbox"/> *Petiole: nectaries	present	present
<input checked="" type="checkbox"/> *Petiole: shape of nectaries	round	reniform
<input type="checkbox"/> *Fruit: size	large	large
<input type="checkbox"/> *Fruit: shape	round	round
<input type="checkbox"/> *Fruit: shape of pistil end	weakly pointed	weakly pointed
<input type="checkbox"/> *Fruit: ground colour	cream white	cream green
<input type="checkbox"/> Fruit: over colour	present	present
<input type="checkbox"/> Fruit: hue of over colour	medium red	medium red
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush	solid flush
<input checked="" type="checkbox"/> *Fruit: extent of over colour	large	medium
<input type="checkbox"/> *Fruit: pubescence	present	present
<input type="checkbox"/> *Fruit: density of pubescence	medium	medium
<input type="checkbox"/> Fruit: thickness of skin	medium	medium
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> *Fruit: ground colour of flesh	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	weakly expressed	weakly expressed
<input type="checkbox"/>	Fruit: texture of the flesh	fibrous	fibrous
<input type="checkbox"/>	*Stone: shape	obovate	obovate
<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 checked="" type="checkbox"/>	*Stone: adherence to flesh	absent	present
<input type="checkbox"/>	*Time of: beginning of flowering	medium	medium
<input type="checkbox"/>	*Duration of: flowering	medium	medium
<input checked="" type="checkbox"/>	*Time of: maturity	medium	early to medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	1997	Granted	'Klondike White'
South Africa	2004	Applied	'Klondike White'

First sold in USA in Apr 1999. First Australian sale June 2001.

Description: Lisa Corcoran, Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC.

Details of Application

Application Number	2007/039
Variety Name	'Alto'
Genus Species	<i>Lolium perenne</i>
Common Name	Perennial Ryegrass
Synonym	Nil
Accepted Date	5 Mar 2007
Applicant	New Zealand Agriseeds Ltd, Christchurch, New Zealand
Agent	Heritage Seeds Pty Ltd, Howlong, NSW
Qualified Person	Allen Newman

Details of Comparative Trial

Overseas Testing	Plant Variety Rights Office, New Zealand
Authority	
Overseas Data	RYG069
Reference Number	
Location	Lincoln, Canterbury, New Zealand.
Descriptor	Ryegrass (new) (<i>Lolium</i> spp.) TG/4/8
Period	2003-2005
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office.
Trial Design	Randomised block of 10 reps of 6 plants and 5 metre drilled rows in two reps.
Measurements	Measurements from all available plants and some visual assessments on rows.
RHS Chart - edition	Nil

Origin and Breeding

Controlled Pollination: The cross between seed parent 'Bronsyn' and pollen parent 'Impact' was made in the glasshouse. F₁ seed multiplied to F₂ in isolation. Approximately 1000 plants of this F₂ population were selected amongst for winter and summer growth, heading date and herbage productivity. Chosen plants were further screened for rust resistance and morphological characters. The nine parents of 'Alto' (LP250) were identified as late heading, pale in colour, prostrate in habit, and having wide leaves and good seed production potential. These plants were transplanted to isolation and the seed harvested was used extensively for yield trials and other assessments. The variety is maintained through four generations by controlled pollination. Selection criteria: winter growth, heading date, dry matter yield. Breeder: New Zealand Agriseeds Ltd, Christchurch, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant cell	ploidy	diploid
Flower	time of flowering	medium to late
Inflorescence	number of spikelets	very many

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Arrow'	most similar variety of common knowledge identified

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	
'Aberdart'	Plant	time of flowering	medium to late	late
'Aries'	Plant	time of flowering	medium to late	medium
'Banks'	Plant	time of flowering	medium to late	medium
'Barbueno'	Plant	time of flowering	medium to late	medium
'Bronsyn'	Plant	time of flowering	medium to late	medium
'Dobson'	Plant	time of flowering	medium to late	medium
'Ellett'	Plant	time of flowering	medium to late	early
'Embassy'	Plant	time of flowering	medium to late	early
'Kingston'	Plant	time of flowering	medium to late	early
'Marathon'	Plant	time of flowering	medium to late	medium
'Nui'	Plant	time of flowering	medium to late	medium
'Pacific'	Plant	time of flowering	medium to late	medium
'Ruanui'	Plant	time of flowering	medium to late	medium
'Samson'	Plant	time of flowering	medium to late	medium
'Solo'	Plant	time of flowering	medium to late	medium
'Tolosa'	Plant	time of flowering	medium to late	late
'Vedette'	Plant	time of flowering	medium to late	medium
'Voyager'	Plant	time of flowering	medium to late	late
'Yatsyn 1'	Plant	time of flowering	medium to late	medium
'Revolution'	Plant	time of flowering	medium to late	medium
'CM501HP'	Rachis	internode length	short	very short

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

Organ/Plant Part: Context	'Alto'	'Arrow'
<input type="checkbox"/> *Plant: ploidy	diploid	diploid
<input type="checkbox"/> Leaf: length	short to medium	medium
<input checked="" type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	dark
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium to semi-prostrate	medium
<input type="checkbox"/> *Plant: time of inflorescence emergence (after vernalisation)	medium to late	medium to late
<input checked="" type="checkbox"/> *Flag leaf: length	medium	medium
<input type="checkbox"/> *Flag leaf: width	medium	medium
<input type="checkbox"/> Flag leaf: length/width ratio	very low	medium to high
<input type="checkbox"/> *Plant: length of longest stem, inflorescence included	short	medium
<input type="checkbox"/> Plant: length of upper internode	medium to long	medium
<input checked="" type="checkbox"/> Inflorescence: length	medium	medium

<input type="checkbox"/>	Inflorescence: number of spikelets	very many	very many
<input type="checkbox"/>	Inflorescence: length of outer glume on basal spikelet	very short	medium
<input type="checkbox"/>	Inflorescence: length of basal spikelet excluding awn	very short	short

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Alto’	‘Arrow’
<input type="checkbox"/> Plant: growth in winter	medium to strong	strong
<input type="checkbox"/> Stem: length of base to top node	long	long
<input type="checkbox"/> Inflorescence: rachis internode	short	short to medium

Statistical Table

Organ/Plant Part: Context	‘Alto’	‘Arrow’
<input checked="" type="checkbox"/> Flag leaf: length (cm)		
Mean	15.30	17.70
Std. Deviation	3.02	3.42
LSD/sig	1.75	P≤0.01
<input type="checkbox"/> Flag leaf: width (mm)		
Mean	7.71	7.58
Std. Deviation	1.00	1.15
LSD/sig	0.72	ns
<input type="checkbox"/> Stem: length (cm)		
Mean	72.80	74.40
Std. Deviation	10.84	11.67
LSD/sig	4.58	ns
<input checked="" type="checkbox"/> Flower spikelet: days to heading after 19th August (days)		
Mean	68.50	64.70
Std. Deviation	7.17	6.22
LSD/sig	2.85	P≤0.01
<input type="checkbox"/> Vegetative leaf: length (cm)		
Mean	21.70	22.90
Std. Deviation	3.44	3.06
LSD/sig	1.65	ns
<input checked="" type="checkbox"/> Vegetative leaf: width (mm)		
Mean	6.59	7.15
Std. Deviation	1.02	0.93
LSD/sig	0.50	P≤0.01
<input type="checkbox"/> Stem: length of base to top node (cm)		
Mean	30.60	30.20
Std. Deviation	5.67	6.54
LSD/sig	3.48	ns
<input type="checkbox"/> Stem: length of upper internode (cm)		
Mean	20.60	19.20
Std. Deviation	5.92	6.95
LSD/sig	2.82	ns
<input checked="" type="checkbox"/> Spike: length (cm)		

Mean	21.70	25.10
Std. Deviation	3.81	4.30
LSD/sig	1.85	P≤0.01
<input type="checkbox"/> Spikelet: length (mm)		
Mean	15.71	16.33
Std. Deviation	2.31	1.97
LSD/sig	2.47	ns
<input type="checkbox"/> Glume: length		
Mean	9.75	12.03
Std. Deviation	1.61	1.85
LSD/sig	2.43	ns
<input type="checkbox"/> Spike: spikelets per spike		
Mean	29.30	30.50
Std. Deviation	4.77	3.44
LSD/sig	2.08	ns
<input type="checkbox"/> Rachis: internode length (cm)		
Mean	11.10	11.90
Std. Deviation	2.23	2.15
LSD/sig	1.14	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2003	Granted	'Alto'

First sold in New Zealand in Apr 2004. First Australian sale Mar 2006.

Description: **Allen Newman**, Heritage Seeds Pty Ltd, Howlong, NSW.

Details of Application

Application Number	2003/361
Variety Name	'Ultra'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	25 Feb 2004
Applicant	AARDAPPELKWEEK en SELECTIEBEDRIJF IJSELMEERPOLDERS BV, Emmeloord, The Netherlands
Agent	Elders Limited, Adelaide, SA
Qualified Person	Prue McMichael

Details of Comparative Trial

Location	Langhorne Creek, South Australia
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6
Period	15 Sep 2006 – 8 Feb 2007.
Conditions	Soil type was sandy-loam. Pre-plant, NPK (10:3:10) fertiliser was applied. During the growing season ammonium nitrate, urea, trace elements and potassium nitrate were applied. Pest and disease management was achieved with applications of registered insecticides and fungicides. Plants were knocked down by a desiccant. Irrigation was via sprinklers.
Trial Design	8 varieties were included in the trial: 2 PBR Part 2 candidates and 3 comparators for each candidate. Tubers were planted in 4 rows, with 6 plots in each row. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparator(s) were replicated three times.
Measurements	Trial observations were made in the field with measurements being taken from 15-20 plants and 20 tubers per replicate.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent 'Planta' x pollen parent 'Concurrent' in 1987. In 1988 the potato seeds were sown in the greenhouse. A tuber from each of the single seeds was collected. These tubers were field planted in Emmeloord, Noordoostpolder, Netherlands in 1989 and from this point clonal selection commenced. After two years of propagation a selection named 'YP88-056' was chosen for further development. Eleven further vegetatively propagated generations have occurred with this selection. No off-types have been observed. Breeder: BV Ijsselmeerpolders, Emmeloord, Noordoostpolder, Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	white
Tuber	colour of skin	light beige
Tuber	colour of base of eye	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Inova'	
'Mondial'	
'Eos'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Innovator'	Inflorescence size	medium	large
'Liseta'	Inflorescence frequency of flowers	medium	no flowers
'Victoria'	Lightsprout shape	conical	ovoid
'Spunta'	Plant time of maturity	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	'Ultra'	'Eos'	'Inova'	'Mondial'
<input type="checkbox"/> Lightsprout: size	medium-large			
<input type="checkbox"/> *Lightsprout: shape	conical			
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration of base	medium-strong			
<input type="checkbox"/> *Lightsprout: anthocyanin colouration of base	red-violet			
<input type="checkbox"/> *Lightsprout: pubescence of base	medium-strong			
<input type="checkbox"/> Lightsprout: size of tip	small-medium			
<input type="checkbox"/> Lightsprout: habit of tip	closed-medium			
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	very weak-weak			
<input type="checkbox"/> Lightsprout: pubescence of tip	weak-medium			
<input type="checkbox"/> *Lightsprout: number of root tips	few-medium			
<input type="checkbox"/> Lightsprout: length of lateral shoots	short-medium			
<input checked="" type="checkbox"/> Plant: foliage structure	stem type	intermediate type	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright	upright to semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	weak	absent or very weak	absent or very weak

<input checked="" type="checkbox"/>	Leaf: openness	open	intermediate	intermediate to open	intermediate
<input type="checkbox"/>	Leaf: presence of secondary leaflets	strong	medium to strong	medium to strong	medium to strong
<input type="checkbox"/>	Terminal and lateral leaflets: frequency of coalescence	low	low to medium	low	low
<input type="checkbox"/>	Leaflet: waviness of margin	weak to medium	weak to medium	weak to medium	weak to medium
<input type="checkbox"/>	Leaflet: depth of veins	shallow	shallow	shallow	shallow
<input type="checkbox"/>	Leaflet: glossiness of the upperside	dull	dull	dull	dull
<input type="checkbox"/>	Flower bud: anthocyanin colouration	medium			absent or very weak
<input checked="" type="checkbox"/>	*Plant: frequency of flowers	medium to high	absent or very low	absent or very low	low
<input checked="" type="checkbox"/>	Inflorescence: size	medium			
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak to medium			
<input type="checkbox"/>	Flower corolla: size	medium			
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak			
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low			
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small			
<input checked="" type="checkbox"/>	*Tuber: shape	oval	oval	short-oval	short-oval
<input checked="" type="checkbox"/>	Tuber: depth of eyes	shallow	very shallow to shallow	very shallow to shallow	shallow
<input type="checkbox"/>	*Tuber: colour of skin	light beige	light beige	light beige	light beige
<input type="checkbox"/>	*Tuber: colour of base of eye	white	white	white	white
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	light yellow	cream	light yellow	light yellow
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak	absent or very weak	absent or very weak

Note: all lightsprout data was obtained from CPOV report on technical examination (Reference No: ARD 1327).

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Ultra’	‘Eos’	‘Inova’	‘Mondial’
<input type="checkbox"/> Tuber: smoothness of skin	medium	smooth-medium	smooth	smooth-medium
<input type="checkbox"/> Stem: thickness of main stem	medium-thick	medium	medium	medium

Statistical Table

Organ/Plant Part: Context	‘Ultra’	‘Eos’	‘Inova’	‘Mondial’
<input type="checkbox"/> Tuber: length (mm)				
Mean	96.00	83.00	70.00	90.00

Std. Deviation	12.00	10.00	6.00	10.00
LSD/sig	4.5	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Tuber: width (mm)				
Mean	71.00	63.00	56.00	67.00
Std. Deviation	7.00	7.00	3.00	7.00
LSD/sig	2.9	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Terminal leaflet: petiole length (mm)				
Mean	16.00	16.00	24.00	16.00
Std. Deviation	6.00	6.00	8.00	7.00
LSD/sig	6.7	ns	P≤0.01	ns
<input type="checkbox"/> Terminal leaflet: length (mm)				
Mean	65.00	61.00	68.00	55.00
Std. Deviation	16.00	10.00	7.00	8.00
LSD/sig	10.6	ns	ns	ns
<input type="checkbox"/> Terminal leaflet: width (mm)				
Mean	50.00	51.00	63.00	54.00
Std. Deviation	9.00	7.00	4.00	8.00
LSD/sig	7.2	ns	P≤0.01	ns
<input type="checkbox"/> Leaf: size (cm)				
Mean	24.80	23.70	27.00	23.00
Std. Deviation	2.70	2.70	3.00	1.50
LSD/sig	2.4	ns	ns	ns
<input checked="" type="checkbox"/> Plant: height (cm)				
Mean	41.80	40.60	40.40	29.60
Std. Deviation	4.50	3.70	4.70	5.80
LSD/sig	4.0	ns	ns	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2003	Applied	'Ultra'
EU	1996	Granted	'Ultra'
South Africa	2005	Applied	'Ultra'

First sold in Sri Lanka in Nov 2001.

Description: **Lucy Pumpa**, Scholefield Robinson Horticultural Services Pty Ltd, Fullarton, SA.

Details of Application

Application Number	2006/095
Variety Name	'Crop 19'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Bondi
Accepted Date	16 Jun 2006
Applicant	New Zealand Institute for Crop & Food Research Limited, Christchurch, New Zealand
Agent	Crop & Food Research Australia Pty Ltd, Bowna via Albury, NSW
Qualified Person	Peter Neilson

Details of Comparative Trial

Location	Rianna, NW TAS.
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Summer - autumn 2006/7.
Conditions	Field grown in red-brown Kraznozem soil at Riana in north west TAS (Riana Rd, Riana), under irrigation with standard pest & disease control, plant spacing & hilling. Fertiliser was applied at the rate of 2.3T/ha of NPK high analysis (100N, 280P, 380K, 140S).
Trial Design	3x3 latin square design arranged in 6 replicates 2 rows wide & 9 plants long (18 plants/plot with a total of 108 plants perentry). Trial planted on 16 Nov 2006 & harvested on 29 Mar 2007.
Measurements	Measurements were made on 10 plants per replicate, randomly selected. Measurements on tubers were made on 10 tubers per replicate, randomly selected.
RHS Chart - edition	1977

Origin and Breeding

Controlled pollination: the new variety originated from controlled pollination between seed parent 'Ranger Russet' and pollen parent 'Karaka'. The seed parent was characterised by the necessary shape, flesh colour & processing ability. The pollen parent was characterised by its disease resistance, yield & storage ability. The cross took place at Crop & Food Research, Pukukohe, NZ in 1992. Selection criteria: selection was based on shape, yield, cooking (processing) quality for french fry & storage ability. Propagation: vegetatively through pathogen tested tissue culture through minitubers & tuber production. No off-types have been observed in seed crops to date. Breeder: John Anderson, Crop & Food Research, Pukukohe, NZ.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time of maturity	late
Lightsprout	proportion of blue in base	absent or low
Lightsprout	pubescence at base	very weak/weak
Lightsprout	number of root tips	medium
Tuber	shape	long-oval
Tuber	colour of base of eye	white
Tuber	flesh colour	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Russet Burbank'	Prime industry comparator.
'Ranger Russet'	Second Industry comparator and also the seed parent

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Karaka'	tuber	shape of tuber	long-oval	oval
'Shepody'	flower	flower colour	white	light violet
'Innovator'	flesh	flesh colour	white	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	'Crop 19'	'Ranger Russet'	'Russet Burbank'
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	broad cylindrical	broad cylindrical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	medium	weak
<input checked="" type="checkbox"/> Plant: foliage structure	stem type	intermediate type	intermediate type
<input checked="" type="checkbox"/> *Plant: growth habit	spreading	semi-upright	spreading
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium	medium	medium
<input type="checkbox"/> Leaf: openness	open	open	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium	medium
<input type="checkbox"/> Leaf: green colour	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	medium	absent or very weak
<input checked="" type="checkbox"/> Second pair of lateral leaflets: size	large	medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	absent or very low	absent or very low	absent or very low
<input type="checkbox"/> Leaflet: depth of veins	medium	medium	medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	medium	medium
<input checked="" type="checkbox"/> Flower bud: anthocyanin colouration	strong	strong	medium
<input type="checkbox"/> Plant: height	medium	medium	medium
<input checked="" type="checkbox"/> *Plant: frequency of flowers	low	high	medium

<input checked="" type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak	weak	absent or very weak
<input type="checkbox"/>	Flower corolla: size	medium	medium	medium
<input checked="" type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	absent or very weak	strong	absent or very weak
<input checked="" type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	high	absent or low
<input checked="" type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	absent or very small	very large	absent or very small
<input type="checkbox"/>	*Plant: time of maturity	late	late	late
<input type="checkbox"/>	*Tuber: shape	long-oval	long-oval	long-oval
<input checked="" type="checkbox"/>	Tuber: depth of eyes	very shallow	shallow	shallow
<input checked="" type="checkbox"/>	*Tuber: colour of skin	light beige	reddish brown	reddish brown
<input type="checkbox"/>	*Tuber: colour of base of eye	white	white	white
<input type="checkbox"/>	*Tuber: colour of flesh	white	white	white
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak		

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2004	Applied	'Crop 19'

Prior sale nil.

Description: **Peter Neilson**, Crop & Food Research Australia Pty Ltd, Bowna via Albury, NSW.

Details of Application

Application Number	2006/194
Variety Name	'Harborough Harvest'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	19 Sep 2006
Applicant	Scottish Crop Research Institute, Dundee, Scotland, UK
Agent	Elders Limited, Adelaide, SA
Qualified Person	Lucy Pumpa

Details of Comparative Trial

Location	Langhorne Creek, South Australia
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6
Period	15th Sep 2006 - 8th Feb 2007.
Conditions	Soil type was sandy-loam. Pre-plant, NPK (10:3:10) fertiliser was applied. During the growing season ammonium nitrate, urea, trace elements and potassium nitrate were applied. Pest and disease management was achieved with applications of registered insecticides and fungicides. Plants were knocked down by a desiccant. Irrigation was via sprinklers.
Trial Design	8 varieties were included in the trial: 2 PBR Part 2 candidates and 3 comparators for each candidate. Tubers were planted in 4 rows, with 6 plots in each row. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparator/s were replicated three times.
Measurements	Trial observations were made in the field with measurements being taken from 15-20 plants and 20 tubers per replicate.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: maternal parent 'Brodict' x paternal parent 'Eden' in 1991. First observations took place in glasshouse at Scottish Crop Research Institute, Dundee, Scotland. 'Brodict' was characterised by having many flowers and a tuber colouration of medium pigment intensity. 'Eden' was characterised by having a small blue violet flower colour and tall, numerous and semi-erect foliage. Variety was multiplied clonally and trialled for over 6 years at a number of different sites. 'Harborough Harvest' was selected on the basis of its improved levels of disease resistance, agronomic characteristics and its superior quality attributes, notably processing ability. No off-types have been reported or observed. Breeder: Scottish Crop Research Institute, Dundee, Scotland.

Choice of Comparators Characteristics 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	foliage structure	intermediate type
Plant	growth habit	semi-upright
Tuber	skin colour	light beige
Tuber	Shape	round
Tuber	colour of base of eye	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Atlantic'	
'Nadine'	
'Friar'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Record'	Plant resistance to potato cyst nematodes (<i>Globodera rostochiensis</i>)	susceptible	resistant
'Winston'	Plant time of maturity	very late	very early
'Saxon'	Plant time of maturity	very late	very early
'Morene'	Flower colour	red-violet	blue-violet
'Lady Christl'	Plant time of maturity	very late	very early
'Harmony'	Plant growth habit	semi erect	spreading

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

Organ/Plant Part: Context	'Harborough Harvest'	'Atlantic'	'Friar'	'Nadine'
<input type="checkbox"/> Lightsprout: size	small			
<input type="checkbox"/> *Lightsprout: shape	broad cylindrical			
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration of base	medium			
<input type="checkbox"/> *Lightsprout: colouration of base	pink			
<input type="checkbox"/> *Lightsprout: pubescence of base	moderate-strong			
<input type="checkbox"/> Lightsprout: size of tip	small			
<input type="checkbox"/> Lightsprout: habit of tip	medium			
<input type="checkbox"/> Lightsprout: intensity of colouration of tip	medium			
<input type="checkbox"/> Lightsprout: pubescence of tip	moderate			
<input type="checkbox"/> *Lightsprout: number of root tips	many			

<input type="checkbox"/>	Lightsprout: length of lateral shoots	long			
<input type="checkbox"/>	Plant: foliage structure	intermediate type	intermediate type	intermediate type	intermediate type
<input type="checkbox"/>	*Plant: growth habit	semi-upright	semi-upright	spreading	semi-upright
<input type="checkbox"/>	*Stem: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak	weak
<input type="checkbox"/>	Leaf: openness	intermediate to open	intermediate to open	open	intermediate
<input type="checkbox"/>	Leaf: presence of secondary leaflets	medium to strong	medium	medium to strong	medium to strong
<input type="checkbox"/>	Terminal and lateral leaflets: frequency of coalescence	low to medium	medium	low	low to medium
<input type="checkbox"/>	Leaflet: waviness of margin	weak	weak to medium	weak to medium	weak to medium
<input type="checkbox"/>	Leaflet: depth of veins	shallow	medium	shallow	shallow
<input type="checkbox"/>	Leaflet: glossiness of the upperside	dull	dull	dull	dull
<input checked="" type="checkbox"/>	Flower bud: anthocyanin colouration	weak	medium		
<input type="checkbox"/>	Plant: height	medium	medium	short to medium	short
<input checked="" type="checkbox"/>	*Plant: frequency of flowers	low to medium	medium	absent or very low	absent or very low
<input checked="" type="checkbox"/>	Inflorescence: size	small	medium		
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	weak	weak		
<input type="checkbox"/>	Flower corolla: size	small to medium	medium		
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	medium	medium to strong		
<input checked="" type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	medium		
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	medium	medium to large		
<input type="checkbox"/>	*Tuber: shape	round	round	round	round
<input type="checkbox"/>	Tuber: depth of eyes	very shallow to shallow	very shallow	shallow to medium	very shallow to shallow
<input type="checkbox"/>	*Tuber: colour of skin	light beige	light beige	light beige	light beige
<input type="checkbox"/>	*Tuber: colour of base of eye	white	white	white	white
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	light yellow	cream	light yellow	cream
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak	absent or very weak	absent or very weak

Note: all lightsprout data was obtained from CPOV report on technical examination (Reference No: AFP 4/610).

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Harborough	‘Atlantic’	‘Friar’	‘Nadine’
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	Harvest'			
<input type="checkbox"/> Stem: thickness	thin-medium	medium-thick	medium	thin-medium

Statistical Table

Organ/Plant Part: Context	'Harborough Harvest'	'Atlantic'	'Friar'	'Nadine'
<input checked="" type="checkbox"/> Leaf: length (cm)				
Mean	23.80	27.70	27.90	22.70
Std. Deviation	3.00	3.50	2.90	2.50
LSD/sig	2.9	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: height (cm)				
Mean	35.00	34.80	32.40	30.30
Std. Deviation	4.00	5.40	5.90	5.80
LSD/sig	4.5	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Terminal leaflet: length (mm)				
Mean	74.00	78.00	55.00	69.00
Std. Deviation	8.00	11.00	8.00	9.00
LSD/sig	8.6	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Terminal leaflet: petiole length (mm)				
Mean	13.00	20.00	17.00	11.00
Std. Deviation	6.00	5.00	7.00	3.00
LSD/sig	5.3	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Terminal leaflet: width (mm)				
Mean	60.00	62.00	42.00	50.00
Std. Deviation	6.00	11.00	4.00	9.00
LSD/sig	7.9	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Tuber: length (mm)				
Mean	54.00	71.00	62.00	56.00
Std. Deviation	5.00	11.00	8.00	5.00
LSD/sig	3.6	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Tuber: width (mm)				
Mean	54.00	69.00	58.00	51.00
Std. Deviation	5.00	10.00	6.00	5.00
LSD/sig	3.1	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2000	Granted	'Harborough Harvest'

Prior sale nil.

Description: **Lucy Pampa**, Scholefield Robinson Horticultural Services Pty Ltd, Fullarton, SA.

Details of Application

Application Number	2006/250
Variety Name	'Crop 32'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Purple Delight
Accepted Date	26 Oct 2006
Applicant	New Zealand Institute for Crop & Food Research Limited, Christchurch, New Zealand
Agent	Crop & Food Research Australia Pty Ltd, Bowna via Albury, NSW
Qualified Person	Tony Slater

Details of Comparative Trial

Location	Department of Primary Industries, Toolangi, VIC Australia (37°32'S, 145°30'E, elevation 600m).
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6
Period	Summer-autumn 2006/7.
Conditions	Field grown in red-brown kraznozem soils; fertilised (pre-planting) with Incitec Pivot Croplift 800 banded at 1800 Kg/ha; irrigation, pest and disease protection as necessary. Lightsprouts grown at room temperature and exposed to continuous artificial illumination. Source of light 6 volt AC incandescent bulbs, 8 per square metre placed 25 cm above tubers.
Trial Design	Randomised complete block of 2 varieties arranged in three two row replicates of 30 plants per replicate, planted Dec 12 2006, harvested May 29 2007.
Measurements	Field measurements from 20 randomly selected plants, tuber measurements from 30 randomly selected tubers per replicate.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: Seed parent 'Red Rascal' x pollen parent 'Picador'. The seed parent was selected for its skin finish, disease resistance and cooking quality. The pollen parent was selected for its skin and flesh colour and shape. Hybridisation took place in Pukekohe, New Zealand in 1990. Selection criteria: this seedling was selected for its skin and flesh colour and disease resistance. Propagation: by vegetative means through tissue culture of pathogen-free tissue, minituber and tuber production. No off types have been reported or observed in seed crops or trials conducted to date. Breeder: John Anderson, Crop & Food Research, Pukekohe, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tuber	skin colour	purple
Tuber	colour of base of eye	yellow
Tuber	colour of flesh	light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Royal Blue'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'All Blue'	Tuber flesh colour	light yellow	blue-violet
'Sapphire'	Tuber flesh colour	light yellow	blue-violet
'Desiree'	Tuber skin colour	purple	pink-red
'Toolangi Delight'	Tuber flesh colour	light yellow	white
'Purple Congo'	Tuber flesh colour	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	'Crop 32'	'Royal Blue'
<input type="checkbox"/> Lightsprout: size	medium	medium to large
<input type="checkbox"/> *Lightsprout: shape	ovoid	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	very strong	very strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	high
<input type="checkbox"/> *Lightsprout: pubescence of base	very weak to weak	weak
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	medium to large
<input checked="" type="checkbox"/> Lightsprout: habit of tip	closed to intermediate	intermediate to open
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	strong	weak to medium
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	weak	medium to strong
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright to spreading
<input type="checkbox"/> *Stem: anthocyanin colouration	medium to strong	medium to strong
<input type="checkbox"/> Leaf: openness	intermediate to open	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	weak	medium
<input type="checkbox"/> Leaf: green colour	medium to dark	dark
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	strong	strong
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	small to medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	very weak to weak	weak
<input type="checkbox"/> Leaflet: depth of veins	medium to deep	shallow

<input type="checkbox"/>	Leaflet: glossiness of the upperside	dull	medium
<input type="checkbox"/>	Flower bud: anthocyanin colouration	very weak to weak	absent or very weak
<input type="checkbox"/>	Plant: height	medium	short to medium
<input type="checkbox"/>	*Plant: frequency of flowers	medium	very low to low
<input type="checkbox"/>	Inflorescence: anthocyanin colouration on peduncle	strong	absent or very weak
<input type="checkbox"/>	Flower corolla: size	medium to large	
<input type="checkbox"/>	*Flower corolla: intensity of anthocyanin colouration on inner side	weak to medium	
<input type="checkbox"/>	*Flower corolla: proportion of blue in anthocyanin colouration on inner side	medium	high
<input type="checkbox"/>	*Flower corolla: extent of anthocyanin colouration on inner side	medium	
<input type="checkbox"/>	Tuber: skin colour	purple	purple
<input type="checkbox"/>	*Tuber: shape	oval	long-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow	shallow to medium
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/>	*Tuber: colour of flesh	light yellow	light yellow

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Crop 32’	‘Royal Blue’
<input type="checkbox"/> Stem: intensity of anthocyanin colouration of underground portion	weak	absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2006	Applied	‘Crop 32’

Prior sale nil.

Description: **Tony Slater and Graeme Wilson**, Department of Primary Industries, VIC.

Details of Application

Application Number	2006/249
Variety Name	'SUMMER DELIGHT'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Crop 17
Accepted Date	26 Oct 2006
Applicant	New Zealand Institute for Crop & Food Research Limited, Christchurch, New Zealand
Agent	Crop & Food Research Australia Pty Ltd, Bowna via Albury, NSW
Qualified Person	Tony Slater

Details of Comparative Trial

Location	Department of Primary Industries, Toolangi, VIC Australia (Latitude 37°32'S, 145°30'E, elevation 600m).
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Summer-autumn 2006/7.
Conditions	Field grown in red-brown kraznozem soils; fertilised (pre-planting) with Incitec Pivot Croplift 800 banded at 1800 Kg/ha; irrigation, pest and disease protection as necessary. Lightsprouts grown at room temperature and exposed to continuous artificial illumination. Source of light 6 volt AC incandescent bulbs, 8 per square metre placed 25 cm above tubers.
Trial Design	Randomised complete block of 2 varieties arranged in three two row replicates of 30 plants per replicate, planted Dec 12 2006, harvested May 29 2007.
Measurements	Field measurements from 20 randomly selected plants, tuber measurements from 30 randomly selected tubers per replicate.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: Seed parent breeder's line 1858.21 x pollen parent breeder's line V394. The seed parent was selected as a parent for its maturity, yield and disease resistance. The pollen parent was selected for shape, cooking quality, skin and flesh characteristics. Hybridisation took place in Pukekohe, New Zealand in 1989. Selection criteria: this seedling was selected for its skin and flesh colour, shape, cooking qualities and disease resistance. Propagation: by vegetative means through tissue culture of pathogen-free tissue, minituber and tuber production. No off types have been reported or observed in seed crops or trials conducted to date. Breeder: John Anderson, Crop & Food Research, Pukekohe, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tuber	skin colour	light beige
Tuber	colour of base of eye	yellow
Tuber	flesh colour	light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Daisy'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Up-to-date'	Flower colour	medium red-violet	violet
'Up-to-date'	Lightsprout colour	purple	pink
'Up-to-date'	Tuber flesh colour	yellow	white/cream
'Harmony'	Lightsprout colour	purple	pink
'Harmony'	Tuber flesh colour	yellow	white
'Mondial'	Flower colour	medium red-violet	white
'Spunta'	Flower colour	medium red-violet	white
'Bintje'	Flower colour	medium red-violet	white
'Agria'	Flower colour	medium red-violet	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	'SUMMER DELIGHT'	'Daisy'
<input type="checkbox"/> Lightsprout: size	medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	conical	ovoid
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	weak
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	weak to medium	weak
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	medium	very small to small
<input checked="" type="checkbox"/> Lightsprout: habit of tip	open	closed
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	absent or very weak
<input type="checkbox"/> Lightsprout: pubescence of tip	very weak to weak	very weak to weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium to many	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short to medium	short
<input type="checkbox"/> Plant: foliage structure	stem type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	absent or very weak
<input type="checkbox"/> Leaf: openness	open	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	weak	medium to strong
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium to large
<input type="checkbox"/> Second pair of lateral leaflets: width in	medium	medium to broad

relation to length		
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	absent or very weak	medium
<input type="checkbox"/> Leaflet: depth of veins	shallow to medium	medium to deep
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	medium
<input type="checkbox"/> Plant: height	medium to tall	medium
<input type="checkbox"/> *Plant: frequency of flowers	medium to high	absent or very low
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	absent or very weak	
<input type="checkbox"/> Flower corolla: size	medium	
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	medium	medium to strong
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	medium	
<input type="checkbox"/> *Plant: time of maturity	late to very late	medium to late
<input type="checkbox"/> *Tuber: shape	short-oval	oval
<input type="checkbox"/> Tuber: depth of eyes	shallow	shallow
<input type="checkbox"/> *Tuber: colour of skin	light beige	light beige
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow
<input type="checkbox"/> *Tuber: colour of flesh	light yellow	light yellow
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	weak	absent or very weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'SUMMER DELIGHT' 'Daisy'	
<input type="checkbox"/> Stem, underground portion: intensity of anthocyanin	weak	absent
<input checked="" type="checkbox"/> Stem: swollen node	yes	no

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2005	Applied	'Summer Delight'

First sold in New Zealand in Aug 2005.

Description: **Tony Slater and Graeme Wilson**, Department of Primary Industries, VIC.

Details of Application

Application Number	2000/032
Variety Name	'Crop 13'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	22 Mar 2000
Applicant	New Zealand Institute for Crop & Food Research Limited, Christchurch, New Zealand
Agent	Crop & Food Research Australia Pty Ltd, Bowna via Albury, NSW
Qualified Person	Tony Slater

Details of Comparative Trial

Location	Department of Primary Industries, Toolangi, VIC Australia (Latitude 37°32' South, elevation 600m).
Descriptor	Potato (<i>Solanum tuberosum</i>) TG/23/6.
Period	Summer to autumn 2005/6.
Conditions	Field grown in red-brown kraznozem soils; fertilised (pre-planting) with Incitec Pivot Croplift 800 banded at 1800 Kg/ha; irrigation, pest and disease protection as necessary. Lightsprouts grown at room temperature and exposed to continuous artificial illumination. Source of light 6 volt AC incandescent bulbs, 8 per square metre placed 25 cm above tubers.
Trial Design	Randomised complete block of 6 varieties arranged in three two row replicates of 30 plants per replicate, planted 13 Dec 2005, harvested 12 May 2006.
Measurements	Field measurements from 20 randomly selected plants, tuber measurements from 30 randomly selected tubers per replicate.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: seed parent Breeder's line 1463-1 x pollen parent Breeder's line V394. The seed parent was characterised by more oval tubers, susceptible to both species of PCN. The pollen parent was characterised by light yellow flesh, more white tips on the flowers while the base is blue, the tubers are smaller and more oval. Hybridisation took place in Pukekohe in New Zealand in 1987. Selection criteria: from this cross seedling number 511/1 was selected for its quality. Propagation: by vegetative means through tissue culture of pathogen-free tissue, minituber and tuber production. No off types have been reported or observed in seed crops or trials conducted to date. Breeder: John Anderson, Crop & Food Research, Pukekohe, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower corolla	intensity of anthocyanin colouration on inner side	medium
Flower corolla	proportion of blue in anthocyanin colouration on inner side	high
Lightsprout	proportion of blue in anthocyanin colouration of base	high
Tuber	colour of base of eye	white
Tuber	skin colour	light beige
Tuber	flesh colour	cream/white
Plant	Time of maturity	late/very late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Yarden'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Argos'	Flower size of white tips	medium	very small to absent
'Daisy'	Tuber colour of flesh	white to cream	yellow
'Granola'	Lightsprout basecolour	blue-violet	red-violet
'Riverina Russet'	Lightsprout basecolour	blue-violet	red-violet
'Atlantic'	Plant time to maturity	late to very late	medium to early
'Valor'	Lightsprout basecolour	blue-violet	weak red-violet
'Driver'	Flower corolla colour of inner side	violet-blue	white
Pacific	Lightsprout shape	conical	ovoid

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

Organ/Plant Part: Context	'Crop 13'	'Yarden'
<input type="checkbox"/> Lightsprout: size	small to medium	small to medium
<input checked="" type="checkbox"/> *Lightsprout: shape	conical	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong to very strong	strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	high
<input type="checkbox"/> *Lightsprout: pubescence of base	absent or very weak	absent or very weak
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small	very small to small
<input type="checkbox"/> Lightsprout: habit of tip	closed to intermediate	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	strong to very strong	strong

	strong	
<input type="checkbox"/> Lightsprout: pubescence of tip	absent or very weak	absent or very weak
<input type="checkbox"/> *Lightsprout: number of root tips	few	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short to medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright to spreading	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak to medium	medium to strong
<input type="checkbox"/> Leaf: outline size	small to medium	medium to large
<input type="checkbox"/> Leaf: openness	open	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium
<input type="checkbox"/> Leaf: green colour	medium	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	weak	weak to medium
<input type="checkbox"/> Second pair of lateral leaflets: size	small to medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	narrow
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	medium	absent or very weak
<input type="checkbox"/> Leaflet: depth of veins	medium	medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull to medium	dull to medium
<input checked="" type="checkbox"/> Flower bud: anthocyanin colouration	weak	medium
<input type="checkbox"/> Plant: height	medium to tall	tall
<input type="checkbox"/> *Plant: frequency of flowers	low to medium	medium
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	weak	weak
<input type="checkbox"/> Flower corolla: size	medium	large
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	medium	medium
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	high	high
<input checked="" type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	large to very large	medium to large
<input type="checkbox"/> *Plant: time of maturity	late to very late	very late
<input type="checkbox"/> *Tuber: shape	short-oval	round
<input type="checkbox"/> Tuber: depth of eyes	medium	medium to deep
<input type="checkbox"/> *Tuber: colour of skin	light beige	light beige
<input type="checkbox"/> *Tuber: colour of base of eye	white	white
<input type="checkbox"/> *Tuber: colour of flesh	cream	white
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Crop 13'	'Yarden'
<input checked="" type="checkbox"/> Flower: petal margin waviness	weak	strong
<input checked="" type="checkbox"/> Flower bud: shape	narrow	oval
<input checked="" type="checkbox"/> Lightsprout: tip collar colour	purple	green
<input checked="" type="checkbox"/> Anther cone: shape	narrow	broad
<input checked="" type="checkbox"/> Style: shape	bent	straight

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	1998	Granted	'Moonlight'

First sold in New Zealand in June 1999.

Description: **Tony Slater and Graeme Wilson**, Department of Primary Industries, VIC.

Details of Application

Application Number	2006/215
Variety Name	'Winter White'
Genus Species	<i>Ozothamnus diosmifolius</i>
Common Name	Riceflower
Synonym	Nil
Accepted Date	13 Sep 2006
Applicant	E.G. & E.R. Cook, Helidon, QLD.
Agent	Esther Cook, Helidon, QLD.
Qualified Person	Esther Cook

Details of Comparative Trial

Location	152 Back Flagstone Road, Iredale, 4344.
Descriptor	<i>Ozothamnus</i> (<i>Ozothamnus diosmifolius</i>) PBR OZOT
Period	Mar 2006 – Sep 2007.
Conditions	The black loam was deep ripped Nov and rotary hoed Dec 2005. Jan 2006 rows were hilled 4 metres apart and trickle irrigation laid (outlets 40cm apart, plants at every second outlet). A week before planting herbicide was used to kill emergent weeds. Rooted cuttings were planted in Mar 2006. Small plants were hand-weeded until Oct when they were large enough for herbicide to be used. They were tip-pruned three times before Oct 2006. Chelated iron foliar spray was applied twice, and a general fertiliser once.
Trial Design	Three replicates were planted with 20 'Winter White' and 20 of it comparator in each replicate.
Measurements	Flowering shoot; order of opening of inflorescences; and time of anthesis were the main characteristics where differences were observed.
RHS Chart - edition	2001

Origin and Breeding

Spontaneous mutation: 'Winter White' (Breeder's Code No. 4022) was observed as a very early flowering sport on Cook's commercial cultivar Breeder's Code No. 2390 in Aug, 1999. 2390 was a white-flowering seedling from a pink flowering cultivar, Breeder's Code 1 'Salmon', and was selected for its evenness of flowering, vigour and long, straight stems. 2390 flowers in mid-season (i.e. end Sep into early Oct). The sport's primary capitula matured in Jul, almost two months earlier than any other cultivar. 'Winter White' does not flower evenly enough for the cut flower market, but the large showy white heads and extended flowering time (Jul – Sep) suggested it would be an excellent garden specimen. Cuttings were taken from the sport in late 1999 and planted on in 2000. It has been maintained each year since then by propagating from fresh cuttings. Breeders: E.G. & E.R. Cook, Helidon, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	width	medium
Plant	density	medium
Leaf	length	medium
Leaf	colour	medium green
Leaf	glossiness of upper side	medium
Leaf	attitude in relation to flowering shoot	semi-erect
Flowering shoot	attitude in relation to stem	semi-erect
Terminal inflorescence	diameter	medium to broad
Terminal inflorescence	density	medium
Capitulum	shape	broad ovate
Capitulum	shape of apex	rounded
Capitulum	main colour	whitish

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
2390	2390 has been in commercial production for more than ten years. 'Winter White' is a sport of 2390 and is morphologically identical in all characteristics except time of anthesis ('Winter White' is earlier than 2390) and bush habit (2390 is taller which gives it a more upright appearance than 'Winter White').

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Cook's Snow White'	Inflorescences	time of anthesis early	medium
'Cook's Snow White'	Flowering stem	height of terminal inflorescence above other inflorescences	high above
'Cook's Snow White'	Capitulum	colour	whitish
'Just Blush'	Mature capitulum	colour	whitish

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

Organ/Plant Part: Context	'Winter White'	'2390'
<input checked="" type="checkbox"/> Plant: growth habit	rounded	upright
<input type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> Plant: width	medium	medium
<input type="checkbox"/> Plant: density	medium	medium
<input type="checkbox"/> Leaf: length	medium	medium
<input type="checkbox"/> Leaf: colour	medium green	medium green
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> Leaf: attitude in relation to flowering shoot	semi-erect	semi-erect
<input type="checkbox"/> Flowering shoot: attitude in relation to stem	semi-erect	semi-erect
<input type="checkbox"/> Flowering stem: height of terminal inflorescence above other inflorescences	moderately above	moderately above
<input checked="" type="checkbox"/> Flowering shoot: order of opening of inflorescences	uneven (terminal inflorescence opens first)	even (all inflorescences open at same time)
<input type="checkbox"/> Terminal inflorescence: diameter	medium to broad	medium to broad
<input type="checkbox"/> Terminal inflorescence: shape in profile	rounded	rounded
<input type="checkbox"/> Terminal inflorescence: number of capitula	many (>200)	many (>200)
<input type="checkbox"/> Terminal inflorescence: density	medium	medium
<input type="checkbox"/> Capitulum: shape	broad ovate	broad ovate
<input type="checkbox"/> Capitulum: shape of apex	rounded	rounded
<input type="checkbox"/> Capitulum: main colour	whitish	whitish
<input type="checkbox"/> Capitulum: main colour (RHS Colour Chart)	155C (RHS 2001 charts)	155C RHS 2001 charts)
<input type="checkbox"/> Capitulum: change of intensity of colour from base to apex	absent or very weak	absent or very weak
<input type="checkbox"/> Capitulum: distribution in colour intensity	even	even
<input type="checkbox"/> Involucral bracts: colour of midzone	whitish	whitish
<input type="checkbox"/> Disc florets: colour	whitish up to 7 days after anthesis	whitish up to 7 days after anthesis
<input checked="" type="checkbox"/> Time of: anthesis	very early to early	medium

Prior Applications and Sales

Nil.

Description: **Esther Cook**, Helidon, QLD.

Details of Application

Application Number	2006/097
Variety Name	'Kordaelf'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Sparrieshoop, Germany
Agent	Treloar Roses Pty Ltd, Portland, VIC
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing Authority	Bundessortanamt
Overseas Data Reference Number	ROS 2289
Location	Pruistelle Rethmar
Descriptor	Rose (<i>Rosa</i> hybrid) TG/11/7
Period	2003
Conditions	Overseas data was verified in Australia by local observations at Portland, VIC (Latitude 38°15'S, Longitude 141°37'E). The roses were maintained in the open and grown in a well structured loamy clay soil. Sound farm management practices ensured the plants grew to their full potential with minimum stress and under high health conditions. 'Kordaelf' was budded in early summer onto well established 10 month-old <i>Rosa multiflora</i> rootstock. Examination was conducted in mid autumn on one and two year old budded plants growing in double rows along with other varieties of Kordes roses.
Trial Design	Observations and measurements were taken from a minimum of ten plants, selected at random in mid autumn.
Measurements	Measurements made on terminal leaflet of first five-leaflet leaf down flower stem, flower diameter when first fully open, and sepal length excluding leafy extension if present..
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: Seed parent 'Kordaba' crossed with pollen parent un-named seedling in May 1997. Hips produced remained on the bush until Oct (autumn) when harvested and shelled. Seeds planted Feb 1998 under controlled greenhouse conditions, and seedlings first bloomed in May (Northern Hemisphere). Out of this seedling population, the best seedlings were selected for further trials and from these the seedling, now known as 'Kordaelf' was selected for further testing. Budding eyes were taken in Jul 1998, budded to root stock (*R. canina*) and grown in the open. In 1999 a second selection was made within this new variety and was further tested until 2002. 'Kordaelf' was first sold in 2003. 'Kordaelf' has undergone vegetative propagation over numerous generations and appears to be genetically stable. Selection criteria: improved outdoor cut flower rose variety. Breeding directed by William Kordes, of W.Kordes' Sohne Rosenschulen GMBH & Co KG, Sparrieshoop, 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
Flower	colour	orange-red and yellow
Petal	spot	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tanavl'	closest comparator

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Kordaba'	leaf glossiness upper surface	medium	weak	seed parent
'Kordaba'	petal colour: inner side, middle zone	absent	orange-red	seed parent
'Kordaba'	petal spot	absent	present: both surfaces	seed parent
Un-named seedling	flower colour	yellow, strongly edged orange red	yellow	pollen parent

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

Organ/Plant Part: Context	'Kordaelf'	'Tanavl'
<input type="checkbox"/> Plant: growth habit	bushy	narrow bushy
<input type="checkbox"/> Young shoot: anthocyanin colouration	weak to medium	
<input type="checkbox"/> Young shoot: hue of anthocyanin colouration	bronze to reddish brown	
<input type="checkbox"/> Prickles: presence	present	
<input type="checkbox"/> Prickle: shape of lower side	concave	
<input type="checkbox"/> Short prickles: number	few to medium	
<input type="checkbox"/> Long prickles: number	few to medium	
<input type="checkbox"/> *Leaf: size	medium to large	
<input type="checkbox"/> Leaf: green colour	medium to dark	
<input type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	
<input type="checkbox"/> Leaflet: cross section	slight concave	
<input checked="" type="checkbox"/> Leaflet: undulation of margin	strong	weak
<input type="checkbox"/> Terminal leaflet: length of blade	medium to long	
<input type="checkbox"/> Terminal leaflet: width of blade	medium	
<input type="checkbox"/> Terminal leaflet: shape of base	rounded	
<input checked="" type="checkbox"/> Flowering shoot: number of flowers	very few	medium
<input type="checkbox"/> Flower pedicel: number of hairs or prickles	many	
<input type="checkbox"/> Flower bud: shape of longitudinal section	broad-ovate	
<input type="checkbox"/> *Flower: type	double	

<input checked="" type="checkbox"/>	Flower: number of petals	few	many
<input type="checkbox"/>	*Flower : diameter	large to very large	
<input type="checkbox"/>	Flower: view from above	star-shaped	
<input type="checkbox"/>	Flower: side view of upper part	flat	
<input type="checkbox"/>	Flower: side view of lower part	flat	
<input type="checkbox"/>	Flower: fragrance	weak	
<input type="checkbox"/>	Sepal: extensions	strong	
<input type="checkbox"/>	*Petal: size	medium to large	
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of inner side(RHS colour chart)	yellow: RHS 12A-12B	apricot: RHS 29C
<input checked="" type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	red to orange red: RHS 42C-41C	pink: RHS 49B-C
<input checked="" type="checkbox"/>	*Petal: spot at base of inner side	absent	present
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	yellow green to yellow: RHS 4C-5A	pink: RHS 49B
<input checked="" type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	yellow green to red pink: RHS 4C-48B	pink: RHS 51D
<input type="checkbox"/>	*Petal: spot at base of outer side	absent	present
<input type="checkbox"/>	Petal: reflexing of margin	medium	
<input type="checkbox"/>	Petal: undulation of margin	weak	
<input type="checkbox"/>	Outer stamen: predominant colour of filament	yellow	
<input type="checkbox"/>	Seed vessel: size	medium	
<input checked="" type="checkbox"/>	Hip: shape of longitudinal section	funnel-shaped	pitcher-shaped
<input type="checkbox"/>	Time of beginning of: flowering	early to medium	
<input type="checkbox"/>	*Flowering: habit	almost continuous flowering	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

‘Kordaelf’

<input type="checkbox"/>	Style: predominant colour	yellow
<input type="checkbox"/>	Stigma: height in relation to anthers	same level

Statistical Table

Organ/Plant Part: Context

‘Kordaelf’

<input type="checkbox"/>	Leaf: length (mm)	
	Mean	94.30
	Std. Deviation	7.60
<input type="checkbox"/>	Leaflet: length (mm)	
	Mean	44.50
	Std. Deviation	2.10
<input type="checkbox"/>	Leaflet: width (mm)	
	Mean	29.40

Std. Deviation	2.30
<input type="checkbox"/> Leaflet: petiolule (mm)	
Mean	14.30
Std. Deviation	1.80
<input type="checkbox"/> Flower: diameter (mm)	
Mean	91.90
Std. Deviation	2.30
<input type="checkbox"/> Sepal: length (mm)	
Mean	32.40
Std. Deviation	1.80

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Germany	2003	Granted	'Kordaelf'
EU	2003	Granted	'Kordaelf'

First sold in Germany in Jul 2003.

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

Details of Application

Application Number	2006/096
Variety Name	'Korbreano'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Sparrieshoop, Germany
Agent	Treloar Roses Pty Ltd, Portland, VIC
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing Authority	Bundessortenamt
Overseas Data Reference Number	ROS 2173
Location	Pruistelle Rethmar.
Descriptor	Rose (<i>Rosa</i> hybrid) TG/11/7.
Period	2002.
Conditions	Overseas data was verified in Australia by local observations at Portland (Latitude 38°15'S, Longitude 141°37'E), VIC. The roses were maintained in the open and grown in a well structured loamy clay soil. Sound farm management practices ensured the plants grew to their full potential with minimum stress and under high health conditions. 'Korbreano' was budded in early summer onto well established 10 month-old <i>Rosa multiflora</i> rootstock. Examination was conducted in mid autumn on one and two year old budded plants growing in double rows along with other varieties of 'Kordes' roses.
Trial Design	Observations and measurements were taken from a minimum of ten plants, selected at random in mid autumn.
Measurements	Measurements made on terminal leaflet of first five-leaflet leaf down flower stem, flower diameter when first fully open, and sepal length excluding leafy extension if present.
RHS Chart - edition	1986.

Origin and Breeding

Controlled pollination: seed parent unnamed seedling, crossed with pollen parent 'Taneiglat'. Hips produced remained on bush until Oct (autumn) 1997 when harvested and shelled. Seeds planted under controlled greenhouse conditions: germination commenced in Feb 1998, and seedlings first bloomed in Apr (Northern Hemisphere). Out of this seedling population, the best seedlings were selected for further trials. From these the seedling, later to be named 'Korbreano', was selected for further testing. It was budded to rootstock *Rosa canina* and underwent further testing until 2001. This new variety was multiplied by vegetative propagation, flowered over numerous generations and appeared genetically stable. Selection criteria: improved outdoor cut-flower rose variety of good flower colour and form. Breeding directed by William Kordes, of W.Kordes' Sohne Rosenschulen GMBH & Co KG, Sparrieshoop, 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
Flower	main colour	cherry red to apricot
Petal	colour of middle zone of inner side	reddish pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Taneiglat'	closest 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
'Taneiglat'	flower colour	cherry red to apricot	outer petal whorls cherry rustic red, inner petal whorls creamy white	pollen parent
Unnamed seedling	flower colour	cherry red to apricot	yellow apricot	seed parent

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

Organ/Plant Part: Context	'Korbreano'	'Taneiglat'
<input type="checkbox"/> Plant: growth habit	narrow bushy	bushy
<input type="checkbox"/> Young shoot: anthocyanin colouration	medium	
<input type="checkbox"/> Young shoot: hue of anthocyanin colouration	bronze to reddish brown	
<input type="checkbox"/> Prickles: presence	present	
<input type="checkbox"/> Prickle: shape of lower side	concave	
<input type="checkbox"/> Short prickles: number	many	
<input type="checkbox"/> Long prickles: number	medium	
<input type="checkbox"/> *Leaf: size	medium	
<input type="checkbox"/> Leaf: green colour	medium to dark	dark
<input type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	
<input type="checkbox"/> Leaflet: cross section	slight concave	
<input type="checkbox"/> Leaflet: undulation of margin	weak	
<input type="checkbox"/> Terminal leaflet: length of blade	medium	
<input type="checkbox"/> Terminal leaflet: width of blade	medium	
<input type="checkbox"/> Terminal leaflet: shape of base	rounded	
<input type="checkbox"/> Flowering shoot: number of flowers	very few	
<input type="checkbox"/> Flower pedicel: number of hairs or prickles	few	
<input type="checkbox"/> Flower bud: shape of longitudinal section	broad-ovate	
<input type="checkbox"/> *Flower: type	double	
<input type="checkbox"/> Flower: number of petals	few to medium	

<input type="checkbox"/>	*Flower : diameter	medium	
<input type="checkbox"/>	Flower: view from above	round	
<input type="checkbox"/>	Flower: side view of upper part	flat	
<input type="checkbox"/>	Flower: side view of lower part	flattened convex	
<input checked="" type="checkbox"/>	Flower: fragrance	absent or very weak	medium to strong
<input type="checkbox"/>	Sepal: extensions	medium	
<input type="checkbox"/>	*Petal: size	medium to large	
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of inner side(RHS colour chart)	red pink RHS 43D	white, near RHS N155B
<input type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	red pink to pink RHS 43B/D	
<input type="checkbox"/>	*Petal: spot at base of inner side	present	
<input type="checkbox"/>	*Petal: size of spot at base of inner side	large	
<input type="checkbox"/>	*Petal: colour of spot at base of inner side (RHS colour chart)	yellow green RHS 1C	
<input type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	red pink to dark pink red RHS 50B-52C	
<input checked="" type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	dark pink red RHS 50B	white, near RHS N155B
<input type="checkbox"/>	*Petal: spot at base of outer side	present	
<input type="checkbox"/>	*Petal: size of spot at base of outer side	very large	
<input type="checkbox"/>	*Petal: colour of spot at base of outer side (RHS colour chart)	white to yellow green RHS 155C-1D	
<input type="checkbox"/>	Petal: reflexing of margin	weak	
<input type="checkbox"/>	Petal: undulation of margin	medium	
<input type="checkbox"/>	Outer stamen: predominant colour of filament	yellow	
<input type="checkbox"/>	Seed vessel: size	medium	
<input type="checkbox"/>	Hip: shape of longitudinal section	funnel-shaped	
<input type="checkbox"/>	Time of beginning of: flowering	early	
<input type="checkbox"/>	*Flowering: habit	almost continuous flowering	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

‘Korbreano’

<input type="checkbox"/>	Stigma: height in relation to anthers	above
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Statistical Table

Organ/Plant Part: Context	'Korbreano'
<input type="checkbox"/> Leaf: length (mm)	
Mean	109.40
Std. Deviation	9.20
<input type="checkbox"/> Leaflet: length (mm)	
Mean	47.10
Std. Deviation	3.40
<input type="checkbox"/> Leaflet: width (mm)	
Mean	31.10
Std. Deviation	2.90
<input type="checkbox"/> Leaflet: petiolule (mm)	
Mean	15.10
Std. Deviation	1.80
<input type="checkbox"/> Flower: diameter (mm)	
Mean	81.60
Std. Deviation	5.20
Mean	32.80
Std. Deviation	2.30

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Germany	2001	Granted	'Korbreano'
EU	2002	Granted	'Korbreano'

First sold in Germany in Jun 2002.

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

Details of Application

Application Number	2006/098
Variety Name	'Korcoptru'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	W. Kordes' Sohne Rosenschulen GmbH & Co KG, Sparrieshoop, Germany
Agent	Treloar Roses Pty Ltd, Portland, VIC
Qualified Person	Brian Hanger

Details of Comparative Trial

Overseas Testing Authority	Bundessortanamt
Overseas Data Reference Number	ROS 2281
Location	Pruistelle Rethmar
Descriptor	TG/11/7
Period	2003-2004
Conditions	Overseas data was verified in Australia by local observations at Portland, VIC (Latitude 38°15'S, Longitude 141°37'E). The roses were maintained in the open and grown in a well structured loamy clay soil. Sound farm management practices ensured the plants grew to their full potential with minimum stress and under high health conditions. 'Korcoptru' was budded in early summer onto well established 10 month-old <i>Rosa multiflora</i> rootstock. Examination was conducted in mid autumn on one and two year old budded plants growing in double rows along with other varieties of Kordes roses.
Trial Design	Observations and measurements were taken from a minimum of ten plants, selected at random in mid autumn.
Measurements	Measurements made on terminal leaflet of first five-leaflet leaf down flower stem, flower diameter when first fully open, and sepal length excluding leafy extension if present.
RHS Chart - edition	1986

Origin and Breeding

Controlled pollination: seed parent 'Meigurami', crossed with pollen parent 'Noatraum' in May 1993. Hips produced remained on the bush until Oct (autumn) when harvested and shelled. In Feb 1994 the seeds were planted and germinated under controlled greenhouse conditions: The seedlings first bloomed in May (Northern Hemisphere), and from these the best were selected for further trials. From these the seedling, now known as 'Korcoptru', was selected for further testing. In Jul 1994 budding eyes were removed, budded onto an understock (*R. canina*) and planted in outside climatic conditions. This new variety was further tested and multiplied by vegetative propagation via shoot cuttings. Over seven generations 'Korcoptru' appeared genetically stable. Selection criteria: improved garden rose variety. Breeding directed by William Kordes, of W.Kordes' Sohne Rosenschulen GMBH & Co KG, Sparrieshoop, 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
Petal	colour of marginal zone of outer side	blue pink
Petal	colour of marginal zone of inner side	light blue pink to blue pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Korlupo'	closest comparator

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Meigurami'	flower colour	creamy white, edged red	pink	seed parent
'Noatraum'	flower size	large	medium	pollen parent

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

Organ/Plant Part: Context	'Korcoptru'	'Korlupo'
<input type="checkbox"/> Plant: growth habit	bushy	narrow bushy
<input type="checkbox"/> Young shoot: anthocyanin colouration	medium to strong	
<input type="checkbox"/> Young shoot: hue of anthocyanin colouration	bronze to reddish brown	
<input type="checkbox"/> Prickles: presence	present	
<input type="checkbox"/> Prickle: shape of lower side	deep concave	
<input type="checkbox"/> Short prickles: number	few	
<input type="checkbox"/> Long prickles: number	medium to many	
<input type="checkbox"/> *Leaf: size	small to medium	
<input type="checkbox"/> Leaf: green colour	dark	
<input type="checkbox"/> *Leaf: glossiness of upper side	strong to very strong	
<input type="checkbox"/> Leaflet: cross section	slight concave	
<input type="checkbox"/> Leaflet: undulation of margin	weak to medium	
<input type="checkbox"/> Terminal leaflet: length of blade	short to medium	
<input type="checkbox"/> Terminal leaflet: width of blade	narrow to medium	
<input type="checkbox"/> Terminal leaflet: shape of base	wedge-shaped	
<input type="checkbox"/> Flowering shoot: number of flowers	medium	
<input type="checkbox"/> Flower pedicel: number of hairs or prickles	medium to many	
<input type="checkbox"/> Flower bud: shape of longitudinal section	round	
<input type="checkbox"/> *Flower: type	double	
<input type="checkbox"/> Flower: number of petals	medium	
<input type="checkbox"/> *Flower : diameter	medium	

<input type="checkbox"/>	Flower: view from above	round	
<input type="checkbox"/>	Flower: side view of upper part	flat	
<input checked="" type="checkbox"/>	Flower: side view of lower part	flat	convex
<input type="checkbox"/>	Flower: fragrance	weak to medium	
<input type="checkbox"/>	Sepal: extensions	weak	
<input type="checkbox"/>	*Petal: size	small to medium	
<input type="checkbox"/>	*Petal: colour of middle zone of inner side(RHS colour chart)	white to light blue pink: RHS 155C-56B (RHS N155B)	
<input checked="" type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	light blue pink to blue pink: RHS 56A-62A (RHS 56A-56C)	purple red: RHS 55B
<input type="checkbox"/>	*Petal: spot at base of inner side	present	
<input type="checkbox"/>	*Petal: size of spot at base of inner side	very small	
<input type="checkbox"/>	*Petal: colour of spot at base of inner side (RHS colour chart)	yellow green	
<input type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	white: RHS 157D	
<input checked="" type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	blue pink: RHS 62A	light red pink: RHS 36D
<input type="checkbox"/>	*Petal: spot at base of outer side	present	
<input type="checkbox"/>	*Petal: size of spot at base of outer side	very small	
<input type="checkbox"/>	*Petal: colour of spot at base of outer side (RHS colour chart)	yellow green	
<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	
<input type="checkbox"/>	Petal: undulation of margin	strong	
<input type="checkbox"/>	Outer stamen: predominant colour of filament	yellow	
<input type="checkbox"/>	Seed vessel: size	small to medium	
<input type="checkbox"/>	Hip: shape of longitudinal section	pitcher-shaped	
<input type="checkbox"/>	Time of beginning of: flowering	medium	
<input type="checkbox"/>	*Flowering: habit	almost continuous flowering	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

‘Korcoptru’

Sigma: height in relation to anthers

same level

Statistical Table

Organ/Plant Part: Context

‘Korcoptru’

Leaf: length (mm)

Mean

123.00

Std. Deviation

10.20

<input type="checkbox"/> Leaflet: length (mm)	
Mean	59.30
Std. Deviation	2.20
<input type="checkbox"/> Leaflet: width (mm)	
Mean	38.10
Std. Deviation	3.20
<input type="checkbox"/> Leaflet: petiolule (mm)	
Mean	18.60
Std. Deviation	3.40
<input type="checkbox"/> Flower: diameter (mm)	
Mean	76.30
Std. Deviation	5.60
<input type="checkbox"/> Sepal: length (mm)	
Mean	25.10
Std. Deviation	1.40

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Switzerland	2005	Granted	'Korcoptru'
Germany	2002	Granted	'Korcoptru'
EU	2003	Granted	'Korcoptru'

First sold in Germany in Oct 2003.

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

Details of Application

Application Number	2005/082
Variety Name	'C99-42'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	19 May 2005
Applicant	CostaExchange Ltd, Corindi Beach, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

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

Origin and Breeding

Controlled pollination: seed parent 'F97-47' x pollen parent 'F88-53' in 1996 in Florida, USA. The seed parent is of unknown character. The pollen parent is characterised by a bushy to semi-spreading growth habit, very large fruit size, light blue colour and medium to wet picking scar. Selection took place in Corindi Beach, NSW in 1999. Selection criteria: bushy to upright plant shape and good growth vigour, evergreen winter foliage, earliness of harvest time, suitable fruit size, firmness, colour and picking scar. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	time of ripening	early to medium
Fruit	diameter	small to medium
Fruit	shape	globose
Fruit	attitude of calyx	erect

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sharp Blue'	
'Misty'	
'Biloxi'	

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

Organ/Plant Part: Context	‘C99-42’	‘Biloxi’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> *Plant: growth habit	spreading	upright to bushy	upright	bushy to spreading
<input checked="" type="checkbox"/> *Fully developed leaf: width	narrow	medium	narrow to medium	very broad
<input type="checkbox"/> *Flower: size	small	small to medium	very small to small	small to medium
<input checked="" type="checkbox"/> *Fruit: size	medium	small	small to medium	medium
<input type="checkbox"/> *Fruit: intensity of bloom	medium to strong			medium to strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin (after removal of bloom)	very dark	dark	dark	dark
<input checked="" type="checkbox"/> *Fruit: sweetness	strong	weak to medium	medium to strong	strong
<input checked="" type="checkbox"/> *Fruit: acidity	weak	medium	weak to medium	weak
<input checked="" type="checkbox"/> *Time of: bud burst	early	medium to late	medium	early
<input checked="" type="checkbox"/> *Time of: beginning of flowering	very early to early	medium to late	medium	early to medium
<input checked="" type="checkbox"/> *Time of: fruit ripening	early	medium to late	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘C99-42’	‘Biloxi’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> Plant: growth vigour	medium	medium	weak	strong to very strong
<input checked="" type="checkbox"/> Fruit: firmness when ripe	strong to very strong			medium
<input type="checkbox"/> Fruit: shape	globose	globose	globose	globose
<input type="checkbox"/> Fruit: attitude of calyx	erect	erect	erect	erect
<input type="checkbox"/> Unripe fruit: colour (RHS)	144A	144A	144A	144A
<input type="checkbox"/> Fruit: colour of ripe fruit (RHS) - bloom removed	200A	Ca.N92C	Ca.N92C	Ca.N92C

Statistical Table

Organ/Plant Part: Context	‘C99-42’	‘Biloxi’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> Fruit: diameter (mm)				
Mean	17.50	14.10	15.90	17.00
Std. Deviation	1.20	1.20	0.90	1.00
LSD/sig	1.34	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Fruit: diameter of calyx (mm)				
Mean	6.50	4.90	7.70	7.00
Std. Deviation	0.90	1.10	1.00	0.70
LSD/sig	1.11	P≤0.01	ns	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2006/199
Variety Name	'S210'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	10 Aug 2006
Applicant	Russell Glover and Gurmukh Singh Atwal, Sandy Beach, NSW
Agent	N/A
Qualified Person	Russell Glover

Details of Comparative Trial

Location	Lot 120 Johnsons Rd Sandy Beach NSW 2456.
Descriptor	Blueberry (<i>Vaccinium</i>) TG /137/3.
Period	2004-2007.
Conditions	Candidate was bulked up vegetatively for trial. Trial was planted from cuttings, grown on in 125mm tubes. Grown under commercial growing conditions.
Trial Design	5 replicate rows with ~100 plants per row within commercial production area.
Measurements	visual observation was taken on at least 6 plants and metric measurements was taken on 15 samples.
RHS Chart - edition	2001.

Origin and Breeding

Open pollination: seed was collected from several cultivars of blueberry growing in close proximity to each other. Seed was germinated and grown out in tubes. Plants with good vigour and disease resistance were planted. Candidate was selected after 2 fruiting events and vegetatively propagated. Breeder: Russell Glover and Gurmukh Singh Atwal, Sandy Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time of maturity	early to medium
Fruit	intensity of blue colour of skin	dark
Fruit	shape	globose

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'OB1'	candidate variety from the same breeding program
'Sharp Blue'	industry standard, same maturity group
'Biloxi'	industry variety
'Misty'	industry 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	‘S210’	‘Biloxi’	‘Misty’	‘OB1’	‘Sharp Blue’
<input checked="" type="checkbox"/> *Plant: growth habit	upright	upright to bushy	upright	upright to bushy	bushy to spreading
<input checked="" type="checkbox"/> *Fully developed leaf: width	narrow to medium	medium	narrow to medium	very narrow	very broad
<input type="checkbox"/> *Flower: size	small to medium	medium	very small to small	small	small to medium
<input type="checkbox"/> *Flower: anthocyanin colouration of petal	weak	weak	very weak to weak	very weak	weak to medium
<input type="checkbox"/> *Fruit: size	medium	medium	medium to large	medium	medium to large
<input type="checkbox"/> *Unripe fruit: intensity of green colour	light to medium	light	light to medium	light to medium	light to medium
<input checked="" type="checkbox"/> *Fruit: intensity of bloom	strong	medium	strong to very strong	strong to very strong	medium
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	dark	dark	dark	dark	dark
<input checked="" type="checkbox"/> *Fruit: sweetness	medium	medium to strong	medium to strong	weak to medium	strong
<input checked="" type="checkbox"/> *Fruit: acidity	medium	very weak to weak	very weak to weak	strong to very strong	weak
<input checked="" type="checkbox"/> *Time of: bud burst	early	early to medium	medium	very early	early to medium
<input type="checkbox"/> *Time of: beginning of flowering	early	early to medium	early to medium	very early	early to medium
<input type="checkbox"/> *Time of: fruit ripening	early	early to medium	early to medium	early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘S210’	‘Biloxi’	‘Misty’	‘OB1’	‘Sharp Blue’
<input checked="" type="checkbox"/> Fruit: firmness	strong	medium	medium	medium	weak to medium
<input type="checkbox"/> Fruit: shape	globose	globose	globose	globose	globose
<input checked="" type="checkbox"/> Fruit: attitude of calyx	erect	diverging	erect	converging	erect
<input checked="" type="checkbox"/> Plant: vigour	medium	medium to strong	weak to medium	strong	strong to very strong
<input type="checkbox"/> Fruit: colour of unripe fruit (RHS)	144A	144B	144A	144A	144A
<input type="checkbox"/> Fruit: colour of ripe fruit (RHS) - bloom removed	Ca.N92C	Ca.N92C	Ca.N92C	Ca.N92C	Ca.N92C

Statistical Table

Organ/Plant Part: Context	‘S210’	‘Biloxi’	‘Misty’	‘OB1’	‘Sharp Blue’
<input checked="" type="checkbox"/> Fruit: diameter (mm)					
Mean	15.09	17.08	16.54	15.46	16.19
Std. Deviation	0.95	0.79	1.57	1.05	0.92
LSD/sig	1.05	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Fruit: brix (degrees)					
Mean	15.80	15.47	17.33	16.00	15.47
Std. Deviation	1.08	1.30	0.90	1.77	1.41
LSD/sig	1.28	ns	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Nil.

Description: **Russell Glover**, Sandy Beach, NSW.

Details of Application

Application Number	2005/078
Variety Name	'Southern Belle'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	19 May 2005
Applicant	Florida Foundation Seed Producers, Inc, Gainesville, FL, USA
Agent	BerryExchange, Corindi Beach, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

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

Origin and Breeding

Controlled pollination: seed parent unnamed hybrid x pollen parent unnamed hybrid repeated over 5-8 generations in Florida, USA. The seed parent is characterised by a medium fruit size, medium picking scar and medium fruit firmness. The pollen parent is characterised by a medium fruit size, medium picking scar and medium fruit firmness. Selection took place in Gainesville, Florida, USA in 1984. Selection criteria: large fruit size, high fruit firmness, dry picking scar and good fruit flavour. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Paul Lyrene, Florida, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	time of ripening	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sharp Blue'	
'Misty'	
'Biloxi'	

Variety Description and Distinctness - Characteristics which distinguish the candidate from one or

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

Organ/Plant Part: Context	‘Southern Belle’	‘Biloxi’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> *Plant: growth habit	upright to bushy	upright to bushy	upright	bushy to spreading
<input checked="" type="checkbox"/> *Fully developed leaf: width	medium	medium	narrow to medium	very broad
<input type="checkbox"/> *Flower: size	small	small to medium	very small to small	small to medium
<input checked="" type="checkbox"/> *Fruit: size	large	small	small to medium	medium
<input type="checkbox"/> *Fruit: intensity of bloom	medium to strong			medium to strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin (after removal of bloom)	very dark	dark	dark	dark
<input checked="" type="checkbox"/> *Fruit: sweetness	weak	weak to medium	medium to strong	strong
<input checked="" type="checkbox"/> *Fruit: acidity	weak	medium	weak to medium	weak
<input type="checkbox"/> *Time of: bud burst	late	medium to late	medium	early
<input checked="" type="checkbox"/> *Time of: beginning of flowering	late	medium to late	medium	early to medium
<input checked="" type="checkbox"/> *Time of: fruit ripening	late	medium to late	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Southern Belle’	‘Biloxi’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> Plant: growth vigour	weak to medium	medium	weak	strong to very strong
<input checked="" type="checkbox"/> Fruit: firmness when ripe	firm			medium
<input checked="" type="checkbox"/> Fruit: shape	flattened globose	globose	globose	globose
<input checked="" type="checkbox"/> Fruit: attitude of calyx	convergent	erect	erect	erect
<input type="checkbox"/> Unripe fruit: colour (RHS)	144A	144A	144A	144A
<input type="checkbox"/> Fruit: colour of ripe fruit (RHS) - bloom removed	200A	Ca.N92C	Ca.N92C	Ca.N92C

Statistical Table

Organ/Plant Part: Context	‘Southern Belle’	‘Biloxi’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> Fruit: diameter (mm)				
Mean	20.00	14.10	15.90	17.00
Std. Deviation	1.20	1.20	0.90	1.00
LSD/sig	1.34	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: diameter of calyx (mm)				
Mean	6.70	4.90	7.70	7.00

Std. Deviation	0.80	1.10	1.00	0.70
LSD/sig	1.11	P≤0.01	ns	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2004	Applied	'Southern Belle'
USA	2002	Granted	'Southern Belle'

First sold in USA in Jul 2002.

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

Details of Application

Application Number	2005/079
Variety Name	'Emerald'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	19 May 2005
Applicant	Florida Foundation Seed Producers, Inc, Gainesville, FL, USA
Agent	BerryExchange, Corindi Beach, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

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

Origin and Breeding

Controlled pollination: seed parent 'FL91-69' x pollen parent 'NC1528' in 1991 in Florida, USA. The seed parent is characterised by a small fruit size, dark blue fruit colour and soft fruit firmness. The pollen parent is characterised by a high chilling requirement. Selection took place in Gainesville, Florida, USA in 1995. Selection criteria: high growth vigour, low chilling requirement and high fruit quality. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Paul Lyrene, Florida, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	time of beginning of flowering	early-medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sharp Blue'	
'Misty'	

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

Organ/Plant Part: Context	‘Emerald’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> *Plant: growth habit	spreading to strongly spreading	upright	bushy to spreading
<input checked="" type="checkbox"/> *Fully developed leaf: width	broad	narrow to medium	very broad
<input checked="" type="checkbox"/> *Flower: size	small to medium	very small to small	small to medium
<input checked="" type="checkbox"/> *Fruit: size	large	small to medium	medium
<input type="checkbox"/> *Fruit: intensity of bloom	medium to strong		medium to strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin (after removal of bloom)	very dark	dark	dark
<input checked="" type="checkbox"/> *Fruit: sweetness	weak to medium	medium to strong	strong
<input checked="" type="checkbox"/> *Fruit: acidity	weak to medium	weak to medium	weak
<input checked="" type="checkbox"/> *Time of: bud burst	early to medium	medium	early
<input type="checkbox"/> *Time of: beginning of flowering	early to medium	medium	early to medium
<input type="checkbox"/> *Time of: fruit ripening	medium to late	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Emerald’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> Plant: growth vigour	strong to very strong	weak	
<input checked="" type="checkbox"/> Fruit: firmness when ripe	firm		medium
<input checked="" type="checkbox"/> Fruit: shape	flattened globose	globose	globose
<input type="checkbox"/> Fruit: attitude of calyx	erect	erect	erect
<input type="checkbox"/> Unripe fruit: colour (RHS)	144A	144A	144A
<input type="checkbox"/> Fruit: colour of ripe fruit (RHS) - bloom removed	200A	Ca.N92C	Ca.N92C

Statistical Table

Organ/Plant Part: Context	‘Emerald’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> Fruit: diameter (mm)			
Mean	20.70	15.90	17.00
Std. Deviation	1.40	0.90	1.00
LSD/sig	1.34	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: diameter of calyx (mm)			
Mean	8.50	7.70	7.00
Std. Deviation	1.30	1.00	0.70
LSD/sig	1.11	ns	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2004	Applied	‘Emerald’
USA	1999	Granted	‘Emerald’

First sold in USA in Mar 2001.

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

Details of Application

Application Number	2006/200
Variety Name	'OB1'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	10 Aug 2006
Applicant	Russell Glover and Gurmukh Singh Atwal, Sandy Beach, NSW
Agent	N/A
Qualified Person	Russell Glover

Details of Comparative Trial

Location	120 Johnsons Road, Sandy Beach NSW Australia.
Descriptor	Blueberry (<i>Vaccinium</i>) TG/137/3.
Period	2001.
Conditions	Candidate was bulked-up vegetatively for trial. Trial was planted from cuttings, grown on in 125mm tubes. Grown under commercial growing conditions.
Trial Design	5 replicate rows ~ 100 plants planted within commercial production area.
Measurements	Visual observation was taken on at least 6 plants and metric measurements was taken on 15 samples.
RHS Chart - edition	2001

Origin and Breeding

Open pollination: seed was collected from several cultivars of blueberry growing in close proximity to each other. Seed was germinated and grown out in tubes. Plants with good vigour and disease resistance were planted. Candidate was selected after 2 fruiting events and vegetatively propagated. Breeder: Russell Glover and Gurmukh Singh Atwal, Sandy Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time of maturity	early to medium
Fruit	intensity of blue colour of skin	dark
Fruit	shape	globose

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'S210'	candidate variety from the same breeding program
'Sharp Blue'	industry standard, same maturity group
'Biloxi'	industry variety
'Misty'	industry 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	‘OB1’	‘Biloxi’	‘Misty’	‘S210’	‘Sharp Blue’
<input type="checkbox"/> *Plant: growth habit	upright to bushy	upright to bushy	upright	upright	bushy to spreading
<input checked="" type="checkbox"/> *Fully developed leaf: width	narrow	medium	narrow to medium	narrow to medium	very broad
<input type="checkbox"/> *Flower: size	small	medium	very small to small	small to medium	small to medium
<input type="checkbox"/> *Flower: anthocyanin colouration of petal	very weak	weak	very weak to weak	weak	weak to medium
<input type="checkbox"/> *Fruit: size	medium	medium	medium to large	medium	medium to large
<input type="checkbox"/> *Unripe fruit: intensity of green colour	light to medium	light	light to medium	light to medium	light to medium
<input type="checkbox"/> *Fruit: intensity of bloom	strong to very strong	medium	strong to very strong	strong	medium
<input type="checkbox"/> *Fruit: intensity of blue colour of skin	dark	dark	dark	dark	dark
<input checked="" type="checkbox"/> *Fruit: sweetness	weak to medium	medium to strong	medium to strong	medium to strong	strong
<input checked="" type="checkbox"/> *Fruit: acidity	strong to very strong	very weak to weak	very weak to weak	medium	weak
<input checked="" type="checkbox"/> *Time of: bud burst	very early	early to medium	early to medium	early	early to medium
<input checked="" type="checkbox"/> *Time of: beginning of flowering	very early	early to medium	early to medium	early	early to medium
<input type="checkbox"/> *Time of: fruit ripening	early	early to medium	early to medium	early	early
Characteristics Additional to the Descriptor/TG					
Organ/Plant Part: Context	‘OB1’	‘Biloxi’	‘Misty’	‘S210’	‘Sharp Blue’
<input checked="" type="checkbox"/> Fruit: firmness	medium	medium	medium	strong	weak to medium
<input type="checkbox"/> Fruit: shape	globose	globose	globose	globose	globose
<input type="checkbox"/> fruit: attitude of calyx	converging	diverging	erect	erect	erect
<input checked="" type="checkbox"/> Plant: vigour	strong	medium to strong	weak to medium	medium	strong to very strong
<input type="checkbox"/> Fruit: colour of unripe fruit (RHS)	144A	144B	144A	144A	144A
<input type="checkbox"/> Fruit: colour of ripe fruit (RHS) (bloom removed)	Ca.N92C	Ca.N92C	Ca.N92C	Ca.N92C	Ca.N92C

Statistical Table

Organ/Plant Part: Context	‘OB1’	‘Biloxi’	‘Misty’	‘S210’	‘Sharp Blue’
<input checked="" type="checkbox"/> Fruit: diameter (mm)					
Mean	15.46	17.08	16.54	15.09	16.19
Std. Deviation	1.05	0.79	1.57	0.95	0.92
LSD/sig	1.05	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Fruit: Brix (degrees)					
Mean	16.00	15.47	17.33	15.80	15.47
Std. Deviation	1.77	1.30	0.90	1.08	1.41
LSD/sig	1.28	ns	P≤0.01	ns	ns

Prior Applications and Sales

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

Description: **Russell Glover**, Sandy Beach, NSW.

Details of Application

Application Number	2005/080
Variety Name	'C97-390'
Genus Species	<i>Vaccinium</i> hybrid
Common Name	Southern Highbush Blueberry
Synonym	Nil
Accepted Date	19 May 2005
Applicant	CostaExchange Ltd, Corindi Beach, NSW
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

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

Origin and Breeding

Controlled pollination: seed parent 'F92-84' x pollen parent 'F95-54' in 1994 in Florida, USA. The seed parent is characterised by an early-mid season harvest timing, narrow leaf width, pale green leaf colour and mid-light blue berry colour. The pollen parent is characterised by a mid-season harvest timing, bushy growth habit with medium vigour, red winter leaf colour, pale green leaf colour and medium berry firmness. Selection took place in Corindi Beach, NSW in 1997. Selection criteria: bushy plant shape and high growth vigour, evergreen winter foliage, earliness of harvest time, suitable fruit size, firmness, colour and picking scar. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	shape	globose
Fruit	attitude of calyx	erect
Fruit	size	small to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
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'Sharp Blue'	
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'Misty'	
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'Biloxi'	
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Variety Description and Distinctness - Characteristics which distinguish the candidate from one or

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

Organ/Plant Part: Context	‘C97-390’	‘Biloxi’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> *Plant: growth habit	upright to bushy	upright to bushy	upright	bushy to spreading
<input checked="" type="checkbox"/> *Fully developed leaf: width	medium	medium	narrow to medium	very broad
<input checked="" type="checkbox"/> *Flower: size	small	small to medium	very small to small	small to medium
<input checked="" type="checkbox"/> *Fruit: size	medium	small	small to medium	medium
<input checked="" type="checkbox"/> *Fruit: intensity of bloom	weak to medium			medium to strong
<input type="checkbox"/> *Fruit: intensity of blue colour of skin (after removal of bloom)	very dark	dark	dark	dark
<input checked="" type="checkbox"/> *Fruit: sweetness	medium	weak to medium	medium to strong	strong
<input checked="" type="checkbox"/> *Fruit: acidity	weak to medium	medium	weak to medium	weak
<input checked="" type="checkbox"/> *Time of: bud burst	late	medium to late	medium	early
<input checked="" type="checkbox"/> *Time of: beginning of flowering	very early	medium to late	medium	early to medium
<input checked="" type="checkbox"/> *Time of: fruit ripening	very early to early	medium to late	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘C97-390’	‘Biloxi’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> Plant: growth vigour	strong	medium	weak	strong to very strong
<input type="checkbox"/> Fruit: firmness when ripe	medium			medium
<input type="checkbox"/> Fruit: shape	globose	globose	globose	globose
<input type="checkbox"/> Fruit: attitude of calyx	erect	erect	erect	erect
<input type="checkbox"/> Unripe fruit: colour (RHS)	144A	144A	144A	144A
<input type="checkbox"/> Fruit: colour of ripe fruit (RHS) - bloom removed	200A	Ca.N92C	Ca.N92C	Ca.N92C

Statistical Table

Organ/Plant Part: Context	‘C97-390’	‘Biloxi’	‘Misty’	‘Sharp Blue’
<input checked="" type="checkbox"/> Fruit: diameter (mm)				
Mean	17.90	14.10	15.90	17.00
Std. Deviation	0.90	1.20	0.90	1.00
LSD/sig	1.34	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Fruit: diameter of calyx (mm)				
Mean	7.00	4.90	7.70	7.00
Std. Deviation	0.70	1.10	1.00	0.70
LSD/sig	1.11	P≤0.01	ns	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2006/185
Variety Name	'Q227'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	BSES Limited Central, Mackay, QLD.
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/2
Period	Planted 4 Aug 2005; descriptions 17-19 May 2006.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced and ripped three times and levelled using land plane and harrows. Planting material was generally good, and soil moisture at planting was also good. Soil type: alluvial. Watering regime: flood irrigation followed by rainfed. Chemicals: The fungicide Tilt was applied at 60 mL per hectare, and the insecticide Talstar was applied at 375 mL per hectare at planting. Stomp (3 L/ha) and Atradox (2.2kg/ha) were applied 11/08/2005. Fertilisers: GF351 (185kg/ha) was applied at planting. Total nutrients applied were: Nitrogen 21kg/ha; Phosphorus 24 kg/ha; Potassium 33 kg/ha; Sulphur 2 kg/ha.
Trial Design	Randomised Complete Block Design with 3 replicates. Plots were single row by 10 m, with 1.5 m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited at Meringa (Gordonvale), QLD, between the seed parent 'Q117' and the pollen parent 'QN66-2008'. Seed was collected from the pollinated female inflorescence and stored for germination in 1985. The variety has since been evaluated and selected by BSES in yield trials on the BSES Limited Central Experiment Station at Mackay and sites within the sugarcane growing area in the Central region. Standard commercial varieties were also included in the trials for comparative purposes. Disease resistance screening was conducted at the pathology farm (Eight Mile Plains and Woodford), in the Tully glasshouse, and in field trials in Indonesia. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	colour where exposed to sun	yellow-green
Internode	colour where not exposed to sun	yellow-green
Node	shape of bud	ovate/oval

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q117'	'Q117' is also the seed parent of 'Q227'
'Q153'	
'Q190'	

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

Organ/Plant Part: Context	'Q227'	'Q117'	'Q153'	'Q190'
<input type="checkbox"/> Plant: stool growth habit	semi-erect	semi-erect	semi-erect	intermediate
<input type="checkbox"/> *Plant: adherence of leaf sheath	medium	weak to medium	weak	weak
<input type="checkbox"/> Plant: tillering	medium	weak	medium	medium
<input type="checkbox"/> Plant: number of suckers	very few	very few	very few	few
<input type="checkbox"/> Plant: leaf canopy	sparse	sparse	sparse	sparse
<input checked="" type="checkbox"/> *Internode: shape	concave-convex	concave-convex	cylindrical to bobbin	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular to ovate	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 146A-B; greyed-orange 173A; greyed-purple 183A	yellow-green 146A-C; greyed-red 178B-C	yellow-green N144A-B & 144C; greyed-orange 166D	yellow-green N144A & 144A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 145B&C	yellow-green N144A	yellow-green 145C	yellow-green 144D-151D
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	shallow to medium	absent or very shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	moderate	weak	moderate
<input type="checkbox"/> Internode: waxiness	strong	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> Node: wax ring	medium	medium	narrow	medium
<input type="checkbox"/> *Node: shape of bud	ovate	oval	ovate	ovate
<input type="checkbox"/> Node: bud prominence	weak	weak	medium	medium
<input type="checkbox"/> Node: depth of bud groove	shallow	absent or very shallow	medium	shallow
<input type="checkbox"/> Node: length of bud groove	medium		medium to long	medium
<input checked="" type="checkbox"/> Node: bud tip in relation to	intermediate	clearly below	intermediate	intermediate

growth ring					
<input checked="" type="checkbox"/>	Node: bud cushion	wide	medium	absent or very narrow	narrow
<input type="checkbox"/>	Node: width of bud wing	medium to wide	narrow to medium	narrow	narrow
<input checked="" type="checkbox"/>	Leaf sheath: number of hairs	absent or very few	few	medium to many	medium
<input type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	crescent-shaped	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	medium	wide	wide	wide
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	short	short	long	medium
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	sparse	sparse	medium to dense	dense
<input type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	lanceolate to falcate	transitional	falcate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	small	small		medium to large
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional	transitional
<input type="checkbox"/>	Leaf blade: curvature	curved tips	erect	curved tips	curved tips
<input type="checkbox"/>	Leaf blade: pubescence on margin	sparse	very sparse to sparse	absent or very sparse	sparse
<input type="checkbox"/>	Leaf blade: serration of margin	present	present	present	present

Statistical Table

Organ/Plant Part: Context	‘Q227’	‘Q117’	‘Q153’	‘Q190’
<input type="checkbox"/> Culm: height (m)				
Mean	2.63	2.22	2.47	2.83
Std. Deviation	0.23	0.14	0.18	0.16
LSD/sig	0.48	ns	ns	ns
Means Separation	abc	bcde	abcde	a
<input type="checkbox"/> Internode: length (cm)				
Mean	15.00	12.70	15.70	15.50
Std. Deviation	1.90	1.20	1.70	1.10
LSD/sig	2.5	ns	ns	ns
Means Separation	bcdef	fg	bcdef	bcdef
<input type="checkbox"/> Internode: diameter (mm)				
Mean	26.60	28.40	26.30	28.90
Std. Deviation	2.10	2.50	1.90	2.90
LSD/sig	2.9	ns	ns	ns
Means Separation	bcdefgh	abcd	bcdefgh	ab
<input checked="" type="checkbox"/> Node: width of bud (mm)				
Mean	8.76	6.22	7.00	7.93
Std. Deviation	1.07	0.66	0.85	0.77
LSD/sig	1.16	P≤0.01	P≤0.01	ns
Means Separation	abc	fg	efg	bcde

<input type="checkbox"/>	Node: width of root band (mm)				
	Mean	9.49	9.68	9.62	11.78
	Std. Deviation	1.14	1.10	0.92	1.26
	LSD/sig	4.34	ns	ns	ns
	Means Separation	bc	bc	bc	abc
<input checked="" type="checkbox"/>	Leaf blade: length (cm)				
	Mean	153.30	169.10	151.80	150.70
	Std. Deviation	6.10	7.00	7.50	4.60
	LSD/sig	13.3	P≤0.01	ns	ns
	Means Separation	fghij	abcde	ghij	ghij
<input type="checkbox"/>	Leaf blade: width (mm)				
	Mean	46.30	45.50	49.00	48.00
	Std. Deviation	2.70	2.20	3.50	2.50
	LSD/sig	4.6	ns	ns	ns
	Means Separation	cdefg	efg	bcde	bcdef
<input type="checkbox"/>	Leaf: midrib width (mm)				
	Mean	4.10	4.50	4.30	3.40
	Std. Deviation	0.40	0.40	0.40	0.30
	LSD/sig	0.7	ns	ns	ns
	Means Separation	abcdefg	abcde	abcdef	gh
<input checked="" type="checkbox"/>	Leaf sheaf: length (cm)				
	Mean	28.70	30.60	33.10	30.40
	Std. Deviation	0.90	0.70	2.20	0.80
	LSD/sig	2.4	ns	P≤0.01	ns
	Means Separation	ghij	efgh	bcdef	fghi
<input checked="" type="checkbox"/>	Leaf: ratio leaf blade width / midrib width				
	Mean	11.30	10.30	11.50	14.20
	Std. Deviation	0.90	0.90	1.00	1.10
	LSD/sig	1.5	ns	ns	P≤0.01
	Means Separation	def	efg	cdef	a

Note: Means represented by the same letters are not significantly different at $P \leq 0.01$, Duncan's Multiple Range Test

Prior Applications and Sales

Nil.

Description: **George Piperidis, BSES Limited, Mackay, QLD.**

Details of Application

Application Number	2006/184
Variety Name	'Q226'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	BSES Limited Central, Mackay, QLD.
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/2
Period	Planted 4 Aug 2005; descriptions 17-19 May 2006.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced and ripped three times and levelled using land plane and harrows. Planting material was generally good, and soil moisture at planting was also good. Soil type: alluvial. Watering regime: flood irrigation followed by rainfed. Chemicals: the fungicide Tilt was applied at 60 mL per hectare, and the insecticide Talstar was applied at 375 mL per hectare at planting. Stomp (3 L/ha) and Atradox (2.2kg/ha) were applied 11/08/2005. Fertilisers: GF351 (185kg/ha) was applied at planting. Total nutrients applied were: Nitrogen 21kg/ha; Phosphorus 24 kg/ha; Potassium 33 kg/ha; Sulphur 2 kg/ha.
Trial Design	Randomised Complete Block Design with 3 replicates. Plots were single row by 10m, with 1.5 m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited at Meringa (Gordonvale), QLD, between the seed parent 'Q138' and the pollen parent 'CP57-614'. Seed was collected from the pollinated female inflorescence and stored for germination in 1990. The variety has since been evaluated and selected by BSES in yield trials on the BSES Limited Central Experiment Station at Mackay and sites within the sugarcane growing area in the Central region. Standard commercial varieties were also included in the trials for comparative purposes. Disease resistance screening was conducted at the pathology farm (Eight Mile Plains and Woodford), in the Tully glasshouse, and in field trials in Indonesia. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	cross section	circular
Internode	colour where exposed to sun	yellow-green
Node	shape of bud excluding wings	ovate/oval

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q138'	'Q138' is also the seed parent of 'Q226'
'Q162'	
'Q209'	

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

Organ/Plant Part: Context	'Q226'	'Q138'	'Q162'	'Q209'
<input type="checkbox"/> Plant: stool growth habit	erect to semi-erect	semi-erect	erect	semi-erect
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak to medium	medium	medium	weak to medium
<input type="checkbox"/> Plant: tillering	medium	strong	medium	medium
<input type="checkbox"/> Plant: number of suckers	very few	very few	very few	few
<input type="checkbox"/> Plant: leaf canopy	medium	medium	sparse to medium	sparse to medium
<input checked="" type="checkbox"/> *Internode: shape	conoidal	conoidal	bobbin-shaped	conoidal
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 151A; 144A; 144C-D	yellow-green N144A & 151A	greyed-yellow 160C; yellow-green N144A; greyed-orange 166B-C	yellow-green 151A & 144A; greyed-yellow 160A
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	greyed-yellow 160A-C	yellow-green 145C-D	yellow-green 151A - 154D	yellow-green 145D & 150D
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	weak to moderate	strong	moderate
<input type="checkbox"/> Internode: waxiness	weak to medium	weak	weak to medium	weak
<input type="checkbox"/> Node: wax ring	medium	medium	medium	narrow to medium
<input type="checkbox"/> *Node: shape of bud	ovate	oval	ovate	ovate
<input type="checkbox"/> Node: bud prominence	medium	medium	strong	weak to medium
<input type="checkbox"/> Node: depth of bud groove	shallow to medium	shallow	absent or very shallow	shallow
<input checked="" type="checkbox"/> Node: length of bud groove	long	medium		medium

<input checked="" type="checkbox"/>	Node: bud tip in relation to growth ring	clearly below	clearly below	clearly below	intermediate
<input type="checkbox"/>	Node: bud cushion	very narrow to narrow	absent or very narrow	narrow to medium	very narrow to narrow
<input checked="" type="checkbox"/>	Node: width of bud wing	medium to wide	medium	narrow	narrow
<input type="checkbox"/>	Leaf sheath: number of hairs	few	very few to few	medium to many	very few to few
<input type="checkbox"/>	Leaf sheath: length of hairs	medium	short to medium	medium to long	short
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal	only dorsal	only dorsal	only dorsal
<input type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	crescent-shaped	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	wide	wide	wide	medium
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	short	short	short	medium
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	medium	sparse	sparse to medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	dentoid	lanceolate	lanceolate	lanceolate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	small	small to medium	small	small
<input checked="" type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	deltoid	transitional	transitional
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	not applicable	small	not applicable	not applicable
<input type="checkbox"/>	Leaf blade: curvature	arched	straight to curved tips	curved tips	curved tips to arched
<input type="checkbox"/>	Leaf blade: pubescence on margin	absent or very sparse	very sparse to sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/>	Leaf blade: serration of margin	present	present	present	present

Statistical Table

Organ/Plant Part: Context	‘Q226’	‘Q138’	‘Q162’	‘Q209’
<input type="checkbox"/> Culm: height (m)				
Mean	2.47	2.41	2.55	2.24
Std. Deviation	0.14	0.26	0.30	0.22
LSD/sig	0.48	ns	ns	ns
Means Separation	abcde	abcde	abcd	bcde
<input type="checkbox"/> Internode: length (cm)				
Mean	16.70	19.20	17.10	15.30
Std. Deviation	1.30	14.00	1.60	1.50
LSD/sig	2.5	ns	ns	ns
Means Separation	abc	a	ab	bcdef
<input type="checkbox"/> Internode: diameter (mm)				
Mean	27.30	25.70	27.60	25.30

Std. Deviation	2.40	2.90	2.80	2.10
LSD/sig	2.9	ns	ns	ns
Means Separation	bcdef	bcdefgh	bcde	cdefghi
<input type="checkbox"/> Node: width of bud (mm)				
Mean	8.53	7.90	8.10	7.70
Std. Deviation	0.66	1.30	0.80	0.70
LSD/sig	1.16	ns	ns	ns
Means Separation	abcd	bcde	bcde	bcde
<input type="checkbox"/> Node: width of root band (mm)				
Mean	10.15	9.40	11.80	9.60
Std. Deviation	1.02	0.90	2.10	0.70
LSD/sig	4.34	ns	ns	ns
Means Separation	bc	bc	abc	bc
<input checked="" type="checkbox"/> Leaf blade: length (cm)				
Mean	180.70	164.20	163.60	154.00
Std. Deviation	17.50	11.10	14.40	11.60
LSD/sig	13.3	P≤0.01	P≤0.01	P≤0.01
Means Separation	a	cdefg	cdefgh	efghij
<input checked="" type="checkbox"/> Leaf blade: width (mm)				
Mean	47.10	52.90	55.30	46.50
Std. Deviation	2.60	4.80	6.80	3.70
LSD/sig	4.6	P≤0.01	P≤0.01	ns
Means Separation	cdefg	ab	a	cdefg
<input type="checkbox"/> Leaf: midrib width (mm)				
Mean	4.80	4.80	4.70	4.10
Std. Deviation	0.30	0.50	0.80	0.80
LSD/sig	0.7	ns	ns	ns
Means Separation	a	a	ab	abcdefg
<input checked="" type="checkbox"/> Leaf sheath: length (cm)				
Mean	32.80	33.80	34.90	28.90
Std. Deviation	2.20	2.00	2.40	1.60
LSD/sig	2.4	ns	ns	P≤0.01
Means Separation	cdef	bcd	bc	ghij
<input checked="" type="checkbox"/> Leaf: ratio leaf blade width / midrib width				
Mean	9.80	11.20	11.90	11.70
Std. Deviation	0.60	1.30	1.20	2.00
LSD/sig	1.5	ns	P≤0.01	P≤0.01
Means Separation	fg	defg	bcde	cde

Note: Means represented by the same letters are not significantly different at $P \leq 0.01$, Duncan's Multiple Range Test

Prior Applications and Sales

Prior applications nil. First sold in Australia in Sep 2005 under the name QC90-823.

Description: **George Piperidis, BSES Limited, Mackay, QLD.**

Details of Application

Application Number	2006/186
Variety Name	'Q229'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	BSES Limited Central, Mackay, QLD.
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/2
Period	Planted 4 Aug 2005; descriptions 17-19 May 2006.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced and ripped three times and levelled using land plane and harrows. Planting material was generally good, and soil moisture at planting was also good. Soil type: alluvial. Watering regime: flood irrigation followed by rainfed. Chemicals: the fungicide Tilt was applied at 60 mL per hectare, and the insecticide Talstar was applied at 375 mL per hectare at planting. Stomp (3 L/ha) and Atradex (2.2kg/ha) were applied 11/08/2005. Fertilisers: GF351 (185kg/ha) was applied at planting. Total nutrients applied were: Nitrogen 21kg/ha; Phosphorus 24 kg/ha; Potassium 33 kg/ha; Sulphur 2 kg/ha.
Trial Design	Randomised Complete Block Design with 3 replicates. Plots were single row by 10 m, with 1.5 m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited at Meringa (Gordonvale), QLD, between the seed parent 'QN81-289' and the pollen parent 'QC75-326'. Seed was collected from the pollinated female inflorescence and stored for germination in 1992. The variety has since been evaluated and selected by BSES in yield trials on the BSES Limited Meringa Experiment Station at Gordonvale and sites within the sugarcane growing area of the Northern region. Standard commercial varieties were also included in the trials for comparative purposes. Disease resistance screening was conducted at the pathology farm (Eight Mile Plains and Woodford), in the Tully glasshouse, and in field trials in Indonesia. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	colour where exposed to sun	yellow-green
Internode	colour where not exposed to sun	yellow-green
Node	shape of bud	ovate/oval

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q186'	
'Q218'	

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

Organ/Plant Part: Context	'Q229'	'Q186'	'Q218'
<input type="checkbox"/> Plant: stool growth habit	erect	erect	erect to semi-erect
<input type="checkbox"/> *Plant: adherence of leaf sheath	medium	weak	weak to medium
<input type="checkbox"/> Plant: tillering	medium	medium	medium
<input type="checkbox"/> Plant: number of suckers	very few	very few	few
<input type="checkbox"/> Plant: leaf canopy	medium	sparse to medium	sparse to medium
<input type="checkbox"/> *Internode: shape	cylindrical	concave-convex	cylindrical
<input type="checkbox"/> Internode: cross-section	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 152C-D	yellow-green 151A & 153D	yellow-green 144A-B & greyed-red 178A-B
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 146C-D	yellow-green 151A & 144A	yellow-green 144A-B & greyed-yellow 160D
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	moderate to strong	moderate to strong
<input type="checkbox"/> Internode: waxiness	medium	medium to strong	medium to strong
<input type="checkbox"/> Node: wax ring	medium	medium	medium
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	oval
<input type="checkbox"/> Node: bud prominence	weak to medium	medium	medium
<input type="checkbox"/> Node: depth of bud groove	shallow	absent or very shallow	very shallow to shallow
<input checked="" type="checkbox"/> Node: length of bud groove	medium to long		short to medium
<input checked="" type="checkbox"/> Node: bud tip in relation to growth ring	clearly below	intermediate	intermediate
<input type="checkbox"/> Node: bud cushion	narrow	absent or very narrow	narrow
<input type="checkbox"/> Node: width of bud wing	narrow	narrow	narrow

<input type="checkbox"/>	Leaf sheath: number of hairs	few	absent or very few	many
<input checked="" type="checkbox"/>	Leaf sheath: length of hairs	short		medium
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal		only dorsal
<input type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	wide	medium	wide
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	short	short	short
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	sparse to medium	sparse
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	falcate	calcariform
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	medium	small	small
<input checked="" type="checkbox"/>	Leaf sheath: shape of overlapping auricle	deltoid	transitional	transitional
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	small		
<input type="checkbox"/>	Leaf blade: curvature	straight to curved tips	curved tips	curved tips
<input type="checkbox"/>	Leaf blade: pubescence on margin	sparse	absent or very sparse	sparse
<input type="checkbox"/>	Leaf blade: serration of margin	present	present	present

Statistical Table

Organ/Plant Part: Context	'Q229'	'Q186'	'Q218'
<input type="checkbox"/> Culm: height (m)			
Mean	2.49	2.26	2.40
Std. Deviation	0.21	0.13	0.15
LSD/sig	0.48	ns	ns
Means Separation	abcd	bcde	abcde
<input type="checkbox"/> Internode: length (cm)			
Mean	13.50	13.00	15.60
Std. Deviation	1.10	1.60	0.90
LSD/sig	2.5	ns	ns
Means Separation	efg	efg	bcdef
<input checked="" type="checkbox"/> Internode: diameter (mm)			
Mean	26.30	26.50	31.30
Std. Deviation	2.50	2.70	3.90
LSD/sig	2.9	ns	P≤0.01
Means Separation	bcdefgh	bcdefgh	a
<input type="checkbox"/> Node: width of bud (mm)			
Mean	7.41	6.19	8.36
Std. Deviation	0.85	0.90	0.90
LSD/sig	1.16	ns	ns
Means Separation	cdef	fg	abcd
<input type="checkbox"/> Node: width of root band (mm)			
Mean	8.63	8.68	10.40
Std. Deviation	0.77	0.99	1.06
LSD/sig	4.34	ns	ns
Means Separation	bc	bc	bc

<input checked="" type="checkbox"/> Leaf blade: length (cm)			
Mean	131.30	147.90	181.80
Std. Deviation	9.60	7.50	7.50
LSD/sig	13.3	P≤0.01	P≤0.01
Means Separation	k	hij	a
<input checked="" type="checkbox"/> Leaf blade: width (mm)			
Mean	45.80	47.20	53.10
Std. Deviation	3.40	2.50	3.70
LSD/sig	4.6	ns	P≤0.01
Means Separation	defg	cdefg	ab
<input checked="" type="checkbox"/> Leaf: midrib width (mm)			
Mean	3.90	10.40	4.70
Std. Deviation	0.40	1.00	0.50
LSD/sig	0.7	ns	P≤0.01
Means Separation	defgh	efg	abc
<input checked="" type="checkbox"/> Leaf sheath: length (cm)			
Mean	27.90	10.40	33.20
Std. Deviation	1.10	1.00	1.60
LSD/sig	2.4	ns	P≤0.01
Means Separation	hij	efg	bcde
<input type="checkbox"/> Leaf: ratio leaf blade width/midrib width			
Mean	11.90	10.40	11.50
Std. Deviation	1.20	1.00	1.80
LSD/sig	1.5	ns	ns
Means Separation	bcde	efg	cdef

Note: Means represented by the same letters are not significantly different at $P \leq 0.01$, Duncan's Multiple Range Test

Prior Applications and Sales

Nil.

Description: **George Piperidis, BSES Limited, Mackay, QLD.**

Details of Application

Application Number	2006/187
Variety Name	'Q230'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	BSES Limited Central, Mackay, QLD.
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/2
Period	Planted 4 Aug 2005; descriptions 17-19 May 2006.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced and ripped three times and levelled using land plane and harrows. Planting material was generally good, and soil moisture at planting was also good. Soil type: alluvial. Watering regime: flood irrigation followed by rainfed. Chemicals: the fungicide Tilt was applied at 60 mL per hectare, and the insecticide Talstar was applied at 375 mL per hectare at planting. Stomp (3 L/ha) and Atradex (2.2kg/ha) were applied 11/08/2005. Fertilisers: GF351 (185kg/ha) was applied at planting. Total nutrients applied were: Nitrogen 21kg/ha; Phosphorus 24 kg/ha; Potassium 33 kg/ha; Sulphur 2 kg/ha.
Trial Design	Randomised Complete Block Design with 3 replicates. Plots were single row by 10 m, with 1.5 m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited at Meringa (Gordonvale), QLD, between the seed parent 'QN84-4500' and the pollen parent 'F78-1025'. Seed was collected from the pollinated female inflorescence and stored for germination in 1995. The variety has since been evaluated and selected by BSES in yield trials on the BSES Limited Meringa Experiment Station at Gordonvale and sites within the sugarcane growing area of the Northern region. Standard commercial varieties were also included in the trials for comparative purposes. Disease resistance screening was conducted at the pathology farm (Eight Mile Plains and Woodford), in the Tully glasshouse, and in field trials in Indonesia. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	colour where not exposed to sun	yellow-green
Node	shape of bud	oval/ovate/round
Leaf sheath	shape of overlapping auricle	transitional

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q152'	
'Q162'	
'Q186'	

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

Organ/Plant Part: Context	'Q230'	'Q152'	'Q162'	'Q186'
<input type="checkbox"/> Plant: stool growth habit	erect	erect	erect	erect
<input type="checkbox"/> *Plant: adherence of leaf sheath	medium	weak to medium	medium	weak
<input type="checkbox"/> Plant: tillering	medium	medium	medium	medium
<input type="checkbox"/> Plant: number of suckers	few	few to medium	very few	very few
<input type="checkbox"/> Plant: leaf canopy	sparse to medium	medium	sparse to medium	sparse to medium
<input checked="" type="checkbox"/> *Internode: shape	cylindrical	concave-convex	bobbin-shaped	concave-convex
<input type="checkbox"/> Internode: cross-section	circular	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 144B-C & 153D	yellow-green 144A-B & N144A & 153D	yellow-green N144A; greyed-yellow 160C; greyed-orange 166B-C	yellow-green 151A & 153D
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 151A & N144A	yellow-green 150D	yellow-green 151A-154D	yellow-green 151A & 144A
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate	moderate	strong	moderate to strong
<input type="checkbox"/> Internode: waxiness	medium to strong	medium	weak to medium	medium to strong
<input type="checkbox"/> Node: wax ring	medium to wide	medium	medium	medium
<input type="checkbox"/> *Node: shape of bud	oval	round	ovate	ovate
<input type="checkbox"/> Node: bud prominence	medium to strong	medium	strong	medium
<input type="checkbox"/> Node: depth of bud groove	absent or very shallow	shallow to medium	absent or very shallow	absent or very shallow
<input checked="" type="checkbox"/> Node: bud tip in relation to	clearly below	clearly below	clearly below	intermediate

growth ring

<input type="checkbox"/>	Node: bud cushion	narrow	absent or very narrow	narrow to medium	absent or very narrow
<input type="checkbox"/>	Node: width of bud wing	medium	narrow	narrow	narrow
<input type="checkbox"/>	Leaf sheath: number of hairs	few	very few to few	medium to many	absent or very few
<input checked="" type="checkbox"/>	Leaf sheath: length of hairs	medium	short	medium to long	
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal	only dorsal	only dorsal	
<input checked="" type="checkbox"/>	Leaf sheath: shape of ligule	deltoid	crescent-shaped	crescent-shaped	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	medium	medium	wide	medium
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	medium	short	short	short
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	very sparse to sparse	sparse	sparse to medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	lanceolate	lanceolate	falcate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	medium	small to medium	small	small
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional	transitional
<input type="checkbox"/>	Leaf sheath: size of overlapping auricle	not applicable	not applicable	not applicable	not applicable
<input type="checkbox"/>	Leaf blade: curvature	curved tips	curved tips to arched	curved tips	curved tips
<input type="checkbox"/>	Leaf blade: pubescence on margin	sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/>	Leaf blade: serration of margin	present	present	present	present

Statistical Table

Organ/Plant Part: Context	‘Q230’	‘Q152’	‘Q162’	‘Q186’
<input type="checkbox"/> Culm: height (m)				
Mean	2.16	2.61	2.55	2.26
Std. Deviation	0.24	0.31	0.30	0.13
LSD/sig	0.48	ns	ns	ns
Means Separation	bcde	abc	abcd	bcde
<input checked="" type="checkbox"/> Internode: length (cm)				
Mean	16.50	17.30	17.10	13.00
Std. Deviation	1.60	2.40	1.60	1.60
LSD/sig	2.5	ns	ns	P≤0.01
Means Separation	abcd	ab	ab	efg
<input type="checkbox"/> Internode: diameter (mm)				
Mean	25.30	24.90	27.60	26.50
Std. Deviation	2.30	3.30	2.80	2.70
LSD/sig	2.9	ns	ns	ns

Means Separation	defghi	defghi	bcde	bcdefgh
<input type="checkbox"/> Node: width of bud (mm)				
Mean	6.75	7.60	8.10	6.19
Std. Deviation	1.00	0.90	0.80	0.89
LSD/sig	1.16	ns	ns	ns
Means Separation	efg	bcde	bcde	fg
<input type="checkbox"/> Internode: width of root band (mm)				
Mean	10.02	9.96	11.81	8.68
Std. Deviation	0.97	1.19	2.06	0.99
LSD/sig	4.34	ns	ns	ns
Means Separation	bc	bc	abc	bc
<input type="checkbox"/> Leaf blade: length (cm)				
Mean	153.10	159.00	163.60	147.90
Std. Deviation	8.60	10.50	14.40	7.50
LSD/sig	13.3	ns	ns	ns
Means Separation	fghij	cdefghi	cdefgh	hij
<input checked="" type="checkbox"/> Leaf blade: width (mm)				
Mean	49.30	42.50	55.30	47.20
Std. Deviation	3.50	4.10	6.80	2.50
LSD/sig	4.6	P≤0.01	P≤0.01	ns
Means Separation	bcde	g	a	cdefg
<input type="checkbox"/> Leaf: midrib width (mm)				
Mean	4.40	4.30	4.70	4.60
Std. Deviation	0.60	0.70	0.80	0.50
LSD/sig	0.7	ns	ns	ns
Means Separation	abcde	abcdef	ab	abcd
<input checked="" type="checkbox"/> Leaf sheath: length (cm)				
Mean	31.20	34.30	34.90	28.00
Std. Deviation	2.30	1.90	2.30	1.40
LSD/sig	2.4	P≤0.01	P≤0.01	P≤0.01
Means Separation	defg	bc	bc	hij
<input type="checkbox"/> Leaf: ratio leaf blade width / midrib width				
Mean	11.30	10.10	11.90	10.40
Std. Deviation	1.40	2.40	1.20	1.00
LSD/sig	1.5	ns	ns	ns
Means Separation	def	efg	bcde	efg

Note: Means represented by the same letters are not significantly different at $P \leq 0.01$, Duncan's Multiple Range Test

Prior Applications and Sales

Nil.

Description: **George Piperidis, BSES Limited, Mackay, QLD.**

Details of Application

Application Number	2006/188
Variety Name	'Q231'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	21 Jul 2006
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	BSES Limited Central, Mackay, QLD.
Descriptor	Sugarcane (<i>Saccharum</i>) TG/186/2
Period	Planted 4 Aug 2005; descriptions 17-19 May 2006.
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced and ripped three times and levelled using land plane and harrows. Planting material was generally good, and soil moisture at planting was also good. Soil type: alluvial. Watering regime: flood irrigation followed by rainfed. Chemicals: The fungicide Tilt was applied at 60 mL per hectare, and the insecticide Talstar was applied at 375 mL per hectare at planting. Stomp (3 L/ha) and Atradex (2.2kg/ha) were applied 11/08/2005. Fertilisers: GF351 (185kg/ha) was applied at planting. Total nutrients applied were: Nitrogen 21kg/ha; Phosphorus 24 kg/ha; Potassium 33 kg/ha; Sulphur 2 kg/ha.
Trial Design	Randomised Complete Block Design with 3 replicates. Plots were single row by 10 m, with 1.5 m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited at Meringa (Gordonvale), QLD, between the seed parent 'QN85-1647' and the pollen parent 'QS80-7441'. Seed was collected from the pollinated female inflorescence and stored for germination in 1995. The variety has since been evaluated and selected by BSES in yield trials on the BSES Limited Meringa Experiment Station at Gordonvale and sites within the sugarcane growing area of the Northern region. Standard commercial varieties were also included in the trials for comparative purposes. Disease resistance screening was conducted at the pathology farm (Eight Mile Plains and Woodford), in the Tully glasshouse, and in field trials in Indonesia. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	colour where exposed to sun	yellow-green
Internode	colour where not exposed to sun	yellow-green
Node	shape of bud	ovate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q121'	
'Q170'	

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

Organ/Plant Part: Context	'Q231'	'Q121'	'Q170'
<input type="checkbox"/> Plant: stool growth habit	erect	erect	semi-erect
<input type="checkbox"/> *Plant: adherence of leaf sheath	medium	weak to medium	weak
<input type="checkbox"/> Plant: tillering	strong	medium	medium
<input type="checkbox"/> Plant: number of suckers	few	medium	few
<input type="checkbox"/> Plant: leaf canopy	medium to dense	medium to dense	medium
<input type="checkbox"/> *Internode: shape	bobbin-shaped	cylindrical	bobbin-shaped
<input type="checkbox"/> Internode: cross-section	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 144A & 153A; greyed-orange 166D	greyed-orange 166C; greyed-yellow 160B-C; yellow-green 144A-B	yellow-green N144A&C; greyed-orange 176C
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 152D	greyed-purple 184A; yellow-green 144C	yellow-green 145C-151D
<input type="checkbox"/> Internode: depth of growth crack	absent or very shallow	shallow	absent or very shallow
<input type="checkbox"/> *Internode: expression of zigzag alignment	moderate to strong	moderate	weak to moderate
<input type="checkbox"/> Internode: waxiness	medium to strong	medium to strong	medium
<input type="checkbox"/> Node: wax ring	medium	narrow to medium	medium
<input type="checkbox"/> *Node: shape of bud	ovate	ovate	ovate
<input type="checkbox"/> Node: bud prominence	medium	medium	medium
<input type="checkbox"/> Node: depth of bud groove	shallow	shallow	shallow to medium
<input type="checkbox"/> Node: length of bud groove	very short to short	short	medium to long
<input checked="" type="checkbox"/> Node: bud tip in relation to growth ring	intermediate	intermediate	clearly below
<input type="checkbox"/> Node: bud cushion	narrow	absent or very narrow	medium to wide
<input type="checkbox"/> Node: width of bud wing	medium	narrow to medium	narrow to medium

<input type="checkbox"/>	Leaf sheath: number of hairs	very few to few	medium	few
<input type="checkbox"/>	Leaf sheath: length of hairs	short	medium	medium to long
<input type="checkbox"/>	Leaf sheath: distribution of hairs	only dorsal	only dorsal	only dorsal
<input checked="" type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	deltoid
<input type="checkbox"/>	Leaf sheath: ligule width	wide	wide	wide
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	medium to long	short to medium	short
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	dense	sparse to medium
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	transitional	lanceolate
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	large		small
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional
<input type="checkbox"/>	Leaf blade: curvature	arched	curved tips	arched
<input type="checkbox"/>	Leaf blade: pubescence on margin	sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/>	Leaf blade: serration of margin	present	present	present

Statistical Table

Organ/Plant Part: Context	‘Q231’	‘Q121’	‘Q170’
<input type="checkbox"/> Culm: height (m)			
Mean	2.32	2.26	2.52
Std. Deviation	0.25	0.13	0.22
LSD/sig	0.48	ns	ns
Means Separation	abcde	abcde	abcd
<input type="checkbox"/> Internode: length (cm)			
Mean	13.70	15.70	15.40
Std. Deviation	1.60	1.90	1.80
LSD/sig	2.5	ns	ns
Means Separation	defg	bcde	bcdef
<input type="checkbox"/> Internode: diameter (mm)			
Mean	23.10	26.40	25.90
Std. Deviation	2.10	2.50	2.70
LSD/sig	2.9	ns	ns
Means Separation	hi	bcdefgh	bcdefgh
<input type="checkbox"/> Node: width of bud (mm)			
Mean	8.83	8.50	7.57
Std. Deviation	1.04	1.03	0.63
LSD/sig	1.16	ns	ns
Means Separation	ab	abcd	bcde
<input type="checkbox"/> Leaf blade: length (cm)			
Mean	172.40	160.40	171.30
Std. Deviation	11.20	12.30	5.60
LSD/sig	13.3	ns	ns
Means Separation	abc	cdefgh	abcd
<input checked="" type="checkbox"/> Leaf blade: width (mm)			

Mean	36.20	46.30	50.10
Std. Deviation	2.30	5.00	6.90
LSD/sig	4.6	P≤0.01	P≤0.01
Means Separation	h	cdefg	bcde
<input type="checkbox"/> Leaf: midrib width (mm)			
Mean	3.90	4.10	3.80
Std. Deviation	0.50	0.60	0.50
LSD/sig	0.7	ns	ns
Means Separation	defgh	abcdefg	bdefgh
<input checked="" type="checkbox"/> Leaf sheath: length (cm)			
Mean	34.80	40.00	34.20
Std. Deviation	1.90	3.00	1.30
LSD/sig	2.4	P≤0.01	ns
Means Separation	bc	a	bc
<input checked="" type="checkbox"/> Leaf: ratio leaf blade width / midrib width			
Mean	9.40	11.30	13.20
Std. Deviation	1.20	1.20	2.10
LSD/sig	1.5	P≤0.01	P≤0.01
Means Separation	g	def	abc

Note: Means represented by the same letters are not significantly different at $P \leq 0.01$, Duncan's Multiple Range Test

Prior Applications and Sales

Nil.

Description: **George Piperidis, BSES Limited**, Mackay, QLD.

Details of Application

Application Number	1994/046
Variety Name	'Sumpaca'
Genus Species	<i>Prunus avium</i>
Common Name	Sweet Cherry
Synonym	Celeste
Accepted Date	3 Mar 1994
Applicant	Agriculture Canada, Summerland, BC, Canada
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC
Qualified Person	Graham Fleming

Details of Comparative Trial

Overseas Testing	Plant Breeders Rights Office, Canada
Authority	
Overseas Data	96-801
Reference Number	
Descriptor	Cherry (<i>Prunus avium</i>)
Conditions	Where possible the Canadian PBR data was verified under local conditions at Taggerty, VIC.

Origin and Breeding

Controlled pollination: the present new and distinct variety of cherry listed above arose from a controlled cross pollination of 'Van' and 'Newstar' (2S-28-28) in 1976 at the Agriculture and Agri Food Canada Research Station, Summerland, B.C. The seedling cross was designated with the breeder's code 13S-24-28 in 1982. In 1987 propagations were made via budding onto avium rootstock and planted out in a trial block at the Summerland Research Centre. The selection was chosen based on the fruiting characteristics of maturity, size, skin and flesh colour. Breeder: Dr. David Lane, Summerland Research Station, Agriculture Canada.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	skin colour	dark red
Fruit	size	very large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bing'	Matures 20 days after 'Celeste'.
'Van'	Matures 17 days after 'Celeste'.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Simone'	Fruit	time of maturity matures 5-7 days before 'Van'	matures 9-11 days after 'Van'
'Simone'	Fruit	skin colour dark red	red to mahogany

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

Organ/Plant Part: Context	‘Sumpaca’	‘Bing’	‘Van’
<input type="checkbox"/> *Tree: type	normal	normal	normal
<input type="checkbox"/> Tree: vigour	medium	medium	medium
<input checked="" type="checkbox"/> *Tree: habit	upright	semi-upright to spreading	semi-upright to spreading
<input type="checkbox"/> *Tree: branching	medium	medium	medium
<input type="checkbox"/> One-year-old shoot: number of lenticels	few	few	few
<input type="checkbox"/> One-year-old shoot: position of vegetative bud in relation to shoot	adpressed	adpressed	adpressed
<input type="checkbox"/> Young shoot: anthocyanin colouration of tip	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf blade: length	long		long
<input type="checkbox"/> Leaf blade: width	broad		broad
<input type="checkbox"/> *Leaf blade: ratio length/width	medium	small to medium	medium
<input type="checkbox"/> Leaf blade: green colour of upper side	medium	medium	medium
<input type="checkbox"/> *Leaf: length of petiole	long	long	long
<input type="checkbox"/> *Petiole: nectaries	present	present	present
<input type="checkbox"/> Petiole: colour of nectaries	light red		dark red
<input type="checkbox"/> Flower: shape of petal	broad elliptic	broad elliptic	broad elliptic
<input type="checkbox"/> Flower: relative position of petal margins	overlapping	touching	overlapping
<input type="checkbox"/> *Fruit: size	very large	very large	very large
<input type="checkbox"/> *Fruit: shape	reniform	reniform	reniform
<input type="checkbox"/> *Fruit: colour of skin	dark red	dark red	dark red
<input type="checkbox"/> Fruit: colour of juice	purple	purple	red
<input checked="" type="checkbox"/> Fruit: colour of flesh	dark red	dark red	red
<input type="checkbox"/> *Fruit: firmness	medium	medium	medium to firm
<input type="checkbox"/> Fruit: juiciness	strong	medium to strong	strong
<input type="checkbox"/> *Fruit: length of stalk	long	long	long
<input type="checkbox"/> *Stone: size	large	large	large
<input type="checkbox"/> *Stone: shape	broad elliptic	broad elliptic	broad elliptic
<input checked="" type="checkbox"/> *Stone: size relative to fruit	small to medium	medium	medium
<input checked="" type="checkbox"/> *Time of: flowering	late	medium	medium
<input checked="" type="checkbox"/> *Time of: fruit maturity	early	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sumpaca’	‘Bing’	‘Van’
<input checked="" type="checkbox"/> Fruit: self-pollination	present	absent	absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	1996	Granted	'Sumpaca'
Switzerland	1996	Surrendered	'Sumpaca'
Chile	1998	Granted	'Sumpaca'
Germany	1996	Granted	'Sumpaca'
France	1992	Granted	'Sumpaca'
Italy	1992	Applied	'Sumpaca'
EU	1995	Granted	'Sumpaca'
South Africa	2002	Applied	'Sumpaca'

First sold overseas in France in Nov 1992. First Australian sale June 2001.

Description: **Lisa Corcoran, Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC.

Details of Application

Application Number	2006/029
Variety Name	'Pender'
Genus Species	<i>Diascia barbarae</i>
Common Name	Twinspur
Synonym	Little Dreamer
Accepted Date	24 Mar 2006
Applicant	Sydney James Jones & David Jones, Magor, Wales, UK
Agent	Plants Management Australia Pty Ltd, Wonga Park, VIC
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	3 Harris Rd, Wonga Park, VIC.
Descriptor	Diascia (<i>Diascia</i>) PBR DIAS
Period	Feb 2007 to Jun 2007.
Conditions	Trial conducted in the open, plants propagated from cuttings, transferred from plugs to 140mm pots in Feb 2007. 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

Spontaneous mutation: from parent 'Pendan' which is characterised by Flower: colour mid pink, volume high; and Plant: density dense, and was selected as part of a *Diascia* breeding program. This mutation was isolated and selected on the 22 May 2002 in Magor, Wales, UK with the selection criteria of Flower: colour dark pink. The selection was then propagated via cuttings and grown to flowering ensuring the parental characteristic of density and flower volume were also replicated. After 20 subsequent generations of the selection it has remained uniform and stable. 'Pender' will continue to be propagated by vegetative cuttings. Breeder: Sydney James Jones & David Jones, Magor, Wales, 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	density	dense
Leaf blade	width	broad
Spur	length	short
Plant	growth habit	spreading

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Pendan'	Parental variety from which mutation arose

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Coral Belle'	Corolla	main colour of inner surface	RHS 54A	RHS 47C
'Coral Belle'	Plant	growth habit	spreading	mounded
'Coral Belle'	Plant	density	dense	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	'Pender'	'Pendan'
<input type="checkbox"/> Plant: growth habit	spreading	spreading
<input type="checkbox"/> Plant: width at broadest point	broad	broad
<input type="checkbox"/> Plant: density	dense	dense
<input type="checkbox"/> Leaf blade: length	short	short
<input type="checkbox"/> Leaf blade: width	broad	broad
<input type="checkbox"/> Leaf blade: ratio length/width	small	small
<input type="checkbox"/> Leaf blade: variegation	absent	absent
<input type="checkbox"/> Leaf blade: main color (RHS color chart)	green 137A	137A
<input type="checkbox"/> Leaf blade: intensity of anthocyanin coloration (varieties with non-variegated leaf only)	absent or very weak to weak	absent or very weak to weak
<input type="checkbox"/> Leaf blade: shape of base	cordate	cordate
<input type="checkbox"/> Leaf blade: shape of apex	broad acute	broad acute
<input type="checkbox"/> Leaf blade: margin	serrate	serrate
<input checked="" type="checkbox"/> Corolla: main colour of inner surface (RHS colour chart)	red 54A	red-purple 64C
<input type="checkbox"/> Lower lip: ratio length/width	as long as broad	as long as broad
<input type="checkbox"/> Lower lip: undulation of margin	weak	weak
<input type="checkbox"/> Corolla throat: number of spots	one	one
<input type="checkbox"/> Corolla throat: colour of spot(s)	dark yellow	dark yellow
<input type="checkbox"/> Spur: length	short	short
<input type="checkbox"/> Spur: main colour	pink	pink

Statistical Table

Organ/Plant Part: Context	'Pender'
<input type="checkbox"/> Corolla: length (mm)	
Mean	23.20
Std. Deviation	0.79
<input type="checkbox"/> Corolla: width (mm)	
Mean	20.10
Std. Deviation	1.00

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2004	Granted	'Pender'

First sold in UK in Apr 2004. First Australian sale Mar 2005.

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

Details of Application

Application Number	2004/197
Variety Name	'EGA Eagle Rock'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	10 Sep 2004
Applicant	State of Western Australia rep by Chief Executive Officer, South Perth, WA, State of Queensland through Department of Primary Industries and Fisheries, Brisbane, QLD, Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research and Development Corporation, Barton, ACT.
Agent	N/A
Qualified Person	Dr. M. A. Bhatti

Details of Comparative Trial

Location	Wongan Hills WA
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	May to Nov 2006
Conditions	Plants were sown in sandy loam over yellow sand and moisture level at seeding was marginal but adequate for germination. Prior to planting, a basal treatment of potash at a rate of 100 kg/ha was applied. Fertiliser applied with the seed was Diamonium Phosphate (DAP) fertiliser at a rate of 75kg/ha. TrifluX 2L/ha, Sprayseed 1.5L/ha, Diuron 1.5L/ha and Metalochlor 500ml/ha was applied pre sowing to control weeds. The harvested plants were dried for measurements.
Trial Design	The trial was sown as 1.42m wide x 20m long (8 rows) plots, with two replicates for each line in a randomized block design. Plant spacing was 5cm along the row and 250cm row centres. This ensured 1 min of 1000 plants per plot. A general analysis of variance was used to check levels of significance. Characteristics used for grouping varieties to identify the most similar variety of common knowledge. The means, standard deviations and LSD/sig (0.1%) of plant parts are shown.
Measurements	Taken from 20 random plants from each of the two replicated plots selected randomly from approximately 2000 plants. according to UPOV characteristics for varietal DUS description.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: the seed parent of the F₁ 'Blade'/'Sunelg' was used in the final cross to 'Blade' i.e. first backcross. The breeding method was the F₂ progeny method. The variety was selfed from F₂ onwards and reselections were made in the F₅ generation. These reselections were tested as fixed lines for five generations. Selection criteria: yield, disease resistance, agronomic and grain quality suited to the high, medium and low rainfall zones of the agricultural areas of Western Australia. Propagation: seed through 5 generations (selection) and 5 years of performance testing as a fixed line by the Department of Agriculture WA. Breeder: Robin Wilson, Department of Agriculture Western Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Ear	shape in profile	parallel sided
Ear	density	medium
Grain	colour	white
Lower glume	beak shape	straight

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Machete'	
'Carnamah'	

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

Organ/Plant Part: Context	'EGA Eagle Rock'	'Carnamah'	'Machete'
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	weak to medium	absent or very weak	absent or very weak
<input type="checkbox"/> *Time of: ear emergence	medium to late	late	medium to late
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	weak to medium	strong
<input type="checkbox"/> *Ear: glaucosity	strong	weak to medium	strong
<input type="checkbox"/> Culm: glaucosity of neck	strong	weak to medium	strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thick	thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	parallel sided
<input type="checkbox"/> *Ear: density	medium	medium	medium
<input type="checkbox"/> *Awns or scurs: presence	scurs present	awns present	scurs present
<input type="checkbox"/> *Ear: colour	white	coloured	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Lower glume: shoulder width	broad	medium	medium
<input checked="" type="checkbox"/> Lower glume: shoulder shape	straight	slightly sloping	elevated
<input type="checkbox"/> Lower glume: beak shape	straight	straight	straight
<input type="checkbox"/> Lowest lemma: beak shape	straight	straight	slightly curved
<input type="checkbox"/> *Grain: colour	white	white	white

Statistical Table

Organ/Plant Part: Context	'EGA Eagle Rock'	'Carnamah'	'Machete'
<input checked="" type="checkbox"/> Ear: length (mm)			
Mean	88.25	93.60	75.70
Std. Deviation	2.34	4.10	1.27
LSD/sig	7.52	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: length to top of awns (mm)			
Mean	70.80	79.00	67.50
Std. Deviation	3.59	1.41	4.95
LSD/sig	10.30	ns	ns

☐ Time of: ear emergence (days)

Mean	37.75	38.00	37.50
Std. Deviation	2.34	0.00	0.71
LSD/sig	1.42	ns	ns

Prior Applications and Sales

Nil.

Description: **M. A. Bhatti**, Department of Agriculture and Food, WA.

Details of Application

Application Number	2005/346
Variety Name	'Bullaring'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	nil
Accepted Date	5 Oct 2006
Applicant	State of Western Australia through its Department of Agriculture and Food, South Perth, WA and Grains Research and Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Dr. M. A. Bhatti

Details of Comparative Trial

Location	Wongan Hills, 285411.04 South, 1144139.06 East, WA, Australia
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	May - November 2006
Conditions	Plants were sown at sandy loam over yellow sand and moisture level at seeding was marginal but adequate for germination. Prior to planting, a basal treatment of potash at a rate of 100 kg/ha was applied. Fertiliser applied with the seed was Diamonium Phosphate (DAP) fertiliser at a rate of 75kg/ha. TrifluX 2L/ha, Sprayseed 1.5L/ha, Diuron 1.5L/ha and Metalochlor 500ml/ha was applied pre sowing to control weeds. The harvested plants were dried for measurements.
Trial Design	The trial was sown as 1.42m wide x 20m long (8 rows) plots, two replicates for each line in a randomized block design. Plant spacing was 5cm along the row and 250cm row centres. This ensured 1 min of 1000 plants per plot. A general analysis of variance was used to check levels of significance. Characteristics used for grouping varieties to identify the most similar variety of common knowledge. The means, standard deviations and LSD/sig (0.1%) of plant parts are shown.
Measurements	Taken from 20 random plants from each of the two replicated plots selected randomly from approximately 2000 plants. according to UPOV characteristics for varietal DUS description.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Bullaring' (syn 93X370M-9-12) was produced by controlled pollination of seed parent 77Z:893 and the pollen parent 81Y970 in a planned breeding program. The final cross (93X370) was made in 1993 at the Department of Agriculture in South Perth to produce the fixed line 93X370M-9-12. The breeding method used was the F₂ bulk progeny method. The variety was self pollinated from the F₂ generation onwards. Selections were taken at the F₂ generation in 1994 and reselections taken in the F₅ generation in 1997 based on disease resistance, higher yields and grain quality. The line was tested in replicated yield trials and then entered in the Western Australia regional evaluation trials in 2001. There are no known off-types in its present form. Breeder: Dr. Robyn McLean, Department of Agriculture Western Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Grain	colour	white
Flag leaf	anthocyanin colouration of auricles	absent or very weak
Ear	shape in profile	parallel sided
Awns or scurs	presence	awns present
Ear	colour	white
Lowest lemma	beak shape	straight

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Carnamah'	

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

Organ/Plant Part: Context	'Bullaring'	'Carnamah'
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	medium to strong	weak to medium
<input type="checkbox"/> *Ear: glaucosity	medium to strong	weak to medium
<input type="checkbox"/> Culm: glaucosity of neck	medium to strong	weak to medium
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	thick
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided
<input checked="" type="checkbox"/> *Ear: density	dense	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present
<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 type="checkbox"/> Lower glume: shoulder width	narrow to medium	medium
<input type="checkbox"/> Lower glume: shoulder shape	slightly sloping	slightly sloping
<input type="checkbox"/> Lower glume: beak shape	slightly curved	straight
<input type="checkbox"/> Lower glume: extent of internal hair	very weak	weak
<input type="checkbox"/> Lowest lemma: beak shape	straight	straight
<input type="checkbox"/> *Grain: colour	white	white

Statistical Table

Organ/Plant Part: Context	'Bullaring'	'Carnamah'
<input checked="" type="checkbox"/> Beak: length (mm)		
Mean	9.38	4.40
Std. Deviation	0.38	1.13
LSD/sig	2.62	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)		
Mean	43.38	93.60
Std. Deviation	1.54	4.10

LSD/sig	9.76	P≤0.01
<input checked="" type="checkbox"/> Plant: length to top of awns (mm)		
Mean	59.50	79.00
Std. Deviation	1.73	1.41
LSD/sig	6.61	P≤0.01
<input type="checkbox"/> Time of: ear emergence (days)		
Mean	37.50	38.00
Std. Deviation	0.58	0.00
LSD/sig	1.99	ns

Prior Applications and Sales

Nil.

Description: **M. A. Bhatti**, Department of Agriculture and Food, WA.

Details of Application

Application Number	2005/016
Variety Name	'Tammarin Rock'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	11 Feb 2005
Applicant	State of Western Australia through its Department of Agriculture and Food, South Perth, WA and Grains Research and Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Dr. M. A. Bhatti

Details of Comparative Trial

Location	Wongan Hills, 285411.04 South, 1144139.06 East, WA, Australia.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	May to Nov 2003
Conditions	Plants were sown at sandy loam over yellow sand and moisture level at seeding was marginal but adequate for germination. Prior to planting, a basal treatment of potash at a rate of 100 kg/ha was applied. Fertiliser applied with the seed was Diamonium Phosphate (DAP) fertiliser at a rate of 75kg/ha. TrifluX 2L/ha, Sprayseed 1.5L/ha, Diuron 1.5L/ha and Metalochlor 500ml/ha was applied pre sowing to control weeds. The harvested plants were dried for measurements.
Trial Design	The trial was sown as 1.42m wide x 20m long (8 rows) plots, two replicates for each line in a randomized block design. Plant spacing was 5cm along the row and 250cm row centres. This ensured 1 min of 1000 plants per plot. A general analysis of variance was used to check levels of significance. Characteristics used for grouping varieties to identify the most similar variety of common knowledge. The means, standard deviations and LSD/sig (0.1%) of plant parts are shown.
Measurements	Taken from 20 random plants from each of the two replicated plots selected randomly from approximately 2000 plants according to UPOV characteristics for varietal DUS description.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Tammarin Rock' (breeder's code WAWHT2499 and 92Y081-6-20) was produced by controlled pollination of seed parent 'Kalannie' and the pollen parent '81Y970' in a planned breeding program. The final cross ('92Y081') was made in 1992 at the Department of Agriculture in South Perth to produce the fixed line 92Y081-6-20. The breeding method used was the F₂ bulk progeny method. The variety was self pollinated from the F₂ generation onwards. Selections were taken at the F₂ generation in 1993 and reselections taken in the F₅ generation in 1996 based on disease resistance, higher yields and grain quality. The line was tested in replicated yield trials and then entered in the Western Australia regional evaluation trials in 2000. There are no known offtypes in its present form. Breeder: Dr. Iain R Barclay, Department of Agriculture Western Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest lemma	beak shape	straight
Lower glume	beak shape	straight
Lower glume	extent of internal hair	weak
Awns or scurs	presence	awns present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Carnamah'	

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

Organ/Plant Part: Context	'Tamarin Rock'	'Carnamah'
<input type="checkbox"/> *Plant: growth habit	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	very low to low
<input checked="" type="checkbox"/> *Time of: ear emergence	early to medium	late
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	absent or very weak	weak to medium
<input type="checkbox"/> *Ear: glaucosity	absent or very weak	weak to medium
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	thick
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided
<input type="checkbox"/> *Ear: density	medium	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present
<input checked="" type="checkbox"/> *Ear: colour	white	coloured
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak
<input type="checkbox"/> Lower glume: shoulder width	narrow to medium	medium
<input type="checkbox"/> Lower glume: shoulder shape	sloping to slightly sloping	slightly sloping
<input type="checkbox"/> Lower glume: beak shape	straight	straight
<input type="checkbox"/> Lower glume: extent of internal hair	weak	weak
<input type="checkbox"/> Lowest lemma: beak shape	straight	straight
<input type="checkbox"/> *Grain: colour	white	white

Statistical Table

Organ/Plant Part: Context	'Tamarin Rock'	'Carnamah'
<input checked="" type="checkbox"/> Ear: length (mm)		
Mean	74.60	93.60
Std. Deviation	3.26	4.10
LSD/sig	13.90	P<0.01
<input type="checkbox"/> Glume: lower glume beak length (mm)		
Mean	4.90	4.90
Std. Deviation	0.25	0.70
LSD/sig	1.66	ns

☐ Plant: length to top of awns (mm)

Mean	80.25	79.00
Std. Deviation	2.63	1.41
LSD/sig	9.5	ns

Prior Applications and Sales

Nil.

Description: **M. A. Bhatti**, Department of Agriculture and Food, WA.

Details of Application

Application Number	2003/254
Variety Name	'EGA Jitarning'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	21 May 2004
Applicant	State of Western Australia rep by Chief Executive Officer, South Perth, WA, State of QLD through Department of Primary Industries and Fisheries, Brisbane, QLD, Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research and Development Corporation, Barton, ACT.
Agent	N/A
Qualified Person	Dr. M. A. Bhatti

Details of Comparative Trial

Location	Wongan Hills, 28 54 11.04 South, 114 41 39.06 East, WA, Australia.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	May 2003 to Nov 2006
Conditions	Plants were sown in sandy loam over yellow sand and moisture level at seeding was marginal but adequate for germination. Prior to planting, a basal treatment of potash at a rate of 100 kg/ha was applied. Fertiliser applied with the seed was Diamonium Phosphate (DAP) fertiliser at a rate of 75kg/ha. TrifluX 2L/ha, Sprayseed 1.5L/ha, Diuron 1.5L/ha and Metalochlor 500ml/ha was applied pre sowing to control weeds. The harvested plants were dried for measurements.
Trial Design	The trial was sown as 1.42m wide x 20m long plots (8 rows), two replicates for each line in a randomized block design. Plant spacing was 5cm along the row and 250cm row centres. This ensured 1 min of 1000 plants per plot. A general analysis of variance was used to check levels of significance. Characteristics used for grouping varieties to identify the most similar variety of common knowledge. The means, standard deviations and LSD/sig (0.1%) of plant parts are shown.
Measurements	Taken from 20 random plants from each of the two replicated plots selected randomly from approximately 2000 plants according to UPOV characteristics for varietal DUS description.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: seed parent 86Z522*62=86Z1392 x pollen parent 83Z:1175 in a planned breeding program. The full pedigree is 'Corrigin'/3/(81Z354-4-1)Ag3C /2* 'Lance'//3*'Tincurrin' (Z522*62)/4/ (83Z:1175)'Bobwhite'/K6290. The final cross was made in 1992 at the Department of Agriculture in South Perth to produce the fixed line 92X355H-5-8. Breeding was by the F₂ bulk progeny method. Selections

were made at the F₂ generation and reselections were made at the F₅ stage. The selections were based on leaf, stem and stripe rust resistance, improved yield and exceptional grain quality. The line was tested in replicated yield trials, then entered in the Western Australian regional evaluation trials. The variety was self-pollinated from F₂ onwards. There are no known off-types in the variety in its present form. Breeder: Dr Robyn McLean, Department of Agriculture Western Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Grain	colour	white
Ear	shape in profile	parallel sided
Awns or scurs	presence	awns present
Ear	colour	white
Lower glume	extent of internal hair	weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Datatine'	
'Corrigin'	

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

Organ/Plant Part: Context	'EGA Jitarning'	'Corrigin'	'Datatine'
<input type="checkbox"/> *Plant: growth habit	semi-erect	erect	intermediate to semi-prostrate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	high	low to medium
<input type="checkbox"/> *Time of: ear emergence	late	early to medium	late
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	medium to strong	absent or very weak	medium
<input type="checkbox"/> *Ear: glaucosity	weak	weak to medium	medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	weak	medium	medium
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	parallel sided
<input checked="" type="checkbox"/> *Ear: density	medium	dense	dense
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Ear: colour	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak	weak	absent or very weak
<input checked="" type="checkbox"/> Lower glume: shoulder width	broad	narrow	narrow
<input type="checkbox"/> Lower glume: shoulder shape	straight	slightly sloping	elevated
<input type="checkbox"/> Lower glume: extent of internal hair	weak	weak	weak

<input checked="" type="checkbox"/>	Lowest lemma: beak shape	straight	slightly curved	slightly curved
<input type="checkbox"/>	*Grain: colour	white	white	white

Statistical Table

Organ/Plant Part: Context

	'EGA Jitarning'	'Corrigin'	'Datatine'
<input type="checkbox"/> Plant: length to top of awns (mm)			
Mean	87.25	77.50	59.00
Std. Deviation	1.50	0.71	1.41
LSD/sig	2.47	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **M. A. Bhatti**, Department of Agriculture and Food, WA.

Details of Application

Application Number	2003/253
Variety Name	'EGA Castle Rock'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	21 May 2004
Applicant	State of Western Australia rep by Chief Executive Officer, South Perth, WA, State of QLD through Department of Primary Industries and Fisheries, Brisbane, QLD, Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research and Development Corporation, Barton, ACT.
Agent	N/A
Qualified Person	Dr. M. A. Bhatti

Details of Comparative Trial

Location	Wongan Hills, 28 54 11.04 South, 114 41 39.06 East, WA, Australia
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11
Period	May 2003 to Nov 2006.
Conditions	Plants were sown at sandy loam over yellow sand and moisture level at seeding was marginal but adequate for germination. Prior to planting, a basal treatment of potash at a rate of 100 kg/ha was applied. Fertiliser applied with the seed was Diamonium Phosphate (DAP) fertiliser at a rate of 75kg/ha. TrifluX 2L/ha, Sprayseed 1.5L/ha, Diuron 1.5L/ha and Metalochlor 500ml/ha was applied pre sowing to control weeds. The harvested plants and threshed pods were dried for measurements.
Trial Design	The trial was sown as 1.42m wide x 20m long plots (8 rows), two replicates for each line in a randomized block design. Plant spacing was 5cm along the row and 250cm row centres. This ensured 1 min of 1000 plants per plot. A general analysis of variance was used to check levels of significance. Characteristics used for grouping varieties to identify the most similar variety of common knowledge. The means, standard deviations and LSD/sig ($P \leq 0.01$) of plant parts are shown.
Measurements	Taken from 20 random plants from each of the two replicated plots selected randomly from approximately 2000 plants. According to UPOV characteristics for varietal DUS description.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: seed parent '3Ag3'/4*'Cook'//2*'Cascades' was used in the final cross to introduce the stem and leaf rust resistance genes Sr24 and Lr24 into the variety 'Cascades'. The final cross with pollen parent 'Cascades' was made in 1996 at Cobbitty, NSW and selections were made through the F₂ progeny method. The variety

was selfed from F₂ onwards. Selection criteria: increased yield, disease resistance, agronomic and grain quality suited to the high, medium and low rainfall zones of the agricultural areas of Western Australia. Propagation: seed through 5 generations (selection) and 5 years of performance testing by the Department of Agriculture WA. There are identified offtypes in the variety in its present form. A purity report states tall same head type, short and tall lates, same height and maturity tapered head, short glaucous, square heads. Purity 99.94%. Breeders: Robin Wilson, Iain Barclay and Robyn McLean, Department of Agriculture western Australia, and Harbans Bariana National Cereal Rust Control Program, Cobbitty, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Ear	shape in profile	parallel sided
Awns or scurs	presence	awns present
Lower glume	extent of internal hair	weak
Grain	colour	white
Lowest lemma	beak shape	straight

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Carnamah’	
‘Cascades’	

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

Organ/Plant Part: Context	‘EGA Castle Rock’	‘Carnamah’	‘Cascades’
<input type="checkbox"/> *Plant: growth habit	semi-erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	weak to medium	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	very low to low	medium to high
<input checked="" type="checkbox"/> *Time of: ear emergence	medium	late	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak to medium	weak to medium	weak
<input type="checkbox"/> *Ear: glaucosity	weak to medium	weak to medium	very weak to weak
<input type="checkbox"/> Culm: glaucosity of neck	medium	medium	medium
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	thick	thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	parallel sided
<input type="checkbox"/> *Ear: density	medium	medium	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input checked="" type="checkbox"/> *Ear: colour	white	coloured	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Lower glume: shoulder width	narrow	medium	narrow
<input type="checkbox"/> Lower glume: shoulder shape	sloping	slightly sloping	sloping

<input type="checkbox"/>	Lower glume: beak shape	straight	straight	straight
<input type="checkbox"/>	Lower glume: extent of internal hair	weak	weak	weak
<input type="checkbox"/>	Lowest lemma: beak shape	straight	straight	straight
<input type="checkbox"/>	*Grain: colour	white	white	white

Statistical Table

Organ/Plant Part: Context	'EGA Castle Rock'	'Carnamah'	'Cascades'
<input type="checkbox"/> Ear: length (mm)			
Mean	72.60	93.60	72.80
Std. Deviation	4.93	4.10	0.14
LSD/sig	7.70	P≤0.01	ns
<input type="checkbox"/> Glume: lower glume beak length (mm)			
Mean	5.58	6.00	5.30
Std. Deviation	0.69	0.70	2.12
LSD/sig	2.06	ns	ns
<input type="checkbox"/> Plant: length to top of awans (mm)			
Mean	83.00	79.00	82.00
Std. Deviation	2.94	2.94	2.12
LSD/sig	4.30	ns	ns

Prior Applications and Sales

Nil.

Description: **M. A. Bhatti**, Department of Agriculture and Food, WA.

Details of Application

Application Number	2003/252
Variety Name	'EGA Blanco'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	21 May 2004
Applicant	State of Western Australia rep by Chief Executive Officer, South Perth, WA, State of QLD through Department of Primary Industries and Fisheries, Brisbane, QLD, Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research and Development Corporation, Barton, ACT.
Agent	N/A
Qualified Person	Dr. M. A. Bhatti

Details of Comparative Trial

Location	Wongan Hills, 28 54 11.04 South, 114 41 39.06 East, WA, Australia.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	May 2003 to Nov 2006.
Conditions	Plants were sown at sandy loam over yellow sand and moisture level at seeding was marginal but adequate for germination. Prior to planting, a basal treatment of potash at a rate of 100 kg/ha was applied. Fertiliser applied with the seed was Diamonium Phosphate (DAP) fertiliser at a rate of 75kg/ha. TrifluX 2L/ha, Sprayseed 1.5L/ha, Diuron 1.5L/ha and Metalochlor 500ml/ha was applied pre sowing to control weeds. The harvested plants and threshed pods were dried for measurements.
Trial Design	The trial was sown as 1.42m wide x 20m long (8 rows) plots, two replicates for each line in a randomized block design. Plant spacing was 5cm along the row and 250cm row centres. This ensured 1 min of 1000 plants per plot. A general analysis of variance was used to check levels of significance. Characteristics used for grouping varieties to identify the most similar variety of common knowledge. The means, standard deviations and LSD/sig ($P \leq 0.01$) of plant parts are shown.
Measurements	Taken from 20 random plants from each of the two replicated plots selected randomly from approximately 2000 plants. according to UPOV characteristics for varietal DUS description.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: seed parent 83Z:1288 is an unnamed crossbred crossed to introduced wheat IW: 1266 in 1991. The pedigree is Bobwhite's"/Maris Huntsman//Cranbrook/Vicam 71 (83Z:1288)/3/(IW:1266) Pfau's". The final cross was made at the Department of Agriculture South Perth to produce the fixed line

91W271-21-3. Selections were made through the F₂ progeny method. The variety was selfed from F₂ onwards. Selection criteria: increased yield, disease resistance, agronomic and grain quality suited to the high, medium and low rainfall zones of the agricultural areas of Western Australia. Propagation: by seed through 5 generations (selection) and 5 years performance testing by the Department of Agriculture WA as a fixed line. There are no known offtypes in the variety in its present form. Breeder: Robin E Wilson, Department of Agriculture Western Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Ear	shape in profile	parallel sided
Awns or scurs	presence	awns present
Ear	colour	white
Apical rachis segment	hairiness of convex surface	absent or very weak
Lower glume	extent of internal hair	weak
Grain	colour	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Wyalkatchem'	
'Kalannie'	

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

Organ/Plant Part: Context	'EGA Blanco'	'Kalannie'	'Wyalkatchem'
<input checked="" type="checkbox"/> *Plant: growth habit	semi-erect	erect	semi-erect
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	weak to medium	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low to medium	absent or very low	absent or very low
<input type="checkbox"/> *Time of: ear emergence	medium to late	early	medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	absent or very weak	weak to medium
<input checked="" type="checkbox"/> *Ear: glaucosity	medium	absent or very weak	weak to medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	medium	weak	medium
<input checked="" type="checkbox"/> *Plant: length	long	long	medium to long
<input checked="" type="checkbox"/> *Straw: pith in cross section	medium to thick	thin	thick
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	parallel sided
<input checked="" type="checkbox"/> *Ear: density	medium	lax	medium
<input checked="" type="checkbox"/> Ear: length	long	medium	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Ear: colour	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of	absent or very	absent or very	absent or very

convex surface	weak	weak	weak
<input type="checkbox"/> Lower glume: shoulder width	narrow to medium	narrow to medium	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	sloping to slightly sloping	elevated	sloping to slightly sloping
<input checked="" type="checkbox"/> Lower glume: beak shape	straight	straight to slightly curved	slightly curved
<input type="checkbox"/> Lower glume: extent of internal hair	weak	weak	weak
<input type="checkbox"/> Lowest lemma: beak shape	straight to slightly curved	straight	straight to slightly curved
<input type="checkbox"/> *Grain: colour	white	white	white

Statistical Table

Organ/Plant Part: Context	'EGA Blanco'	'Kalannie'	'Wyalkatchem'
<input checked="" type="checkbox"/> Plant: length to top of awns (mm)			
Mean	65.50	71.00	58.50
Std. Deviation	1.91	4.24	0.58
LSD/sig	5.12	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)			
Mean	87.80	71.90	71.40
Std. Deviation	4.64	5.52	1.61
LSD/sig	9.48	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: M. A. Bhatti, Department of Agriculture and Food, WA.

Details of Application

Application Number	2006/292
Variety Name	'QAL3362'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	15 Dec 2006
Applicant	Value Added Wheat CRC Limited, North Ryde, NSW
Agent	N/A
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW.
Descriptor	Wheat (<i>Triticum aestivum</i>) TG/3/11.
Period	May to Dec 2006.
Conditions	Sown into long fallowed self-mulching black soil 50kgN/ha 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: The segregating material 'VPM'/5*'COOK'/'3AG14'/3*'TATIARA' was made available by the Cereal Rust Control program in 1994 for selection and release of wheat varieties. Populations were advanced by selecting single ears and growing bulk plots from these ears. Single ear rows were grown in F₅ generation and F₆ lines were tested in yield plots at Cobbitty and Menangle. Line 'WW3362' was selected and included in the regional trials through the NSW Agriculture trial system. This line became a part of the VAWCRC in 2004 when NSW Agriculture decided to breed only hard wheats. The line was retested for agronomic and grain quality characters in the VAWCRC trial system. Breeder: Drs. Akram Khan, Ehsan Chahal, Harbans Bariana, Matthew Turner (University of Sydney, Plant Breeding Institute, Cobbitty), John Dines (Allied Mills) and Andrew Kennett (Arnotts Biscuit).

Choice of Comparators Characteristics 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	seasonal type	spring
Plant	time of ear emergence	medium
Ear	colour	white
Ear	shape	tapering
Awns or scur	presence	scurs present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bowie'	
'Rosella'	
'Snipe'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'QAL2000'	Awns or scurs	presence	scurs	awns
'QAL2000'	Ear	density	lax	medium
'Sunstate'	Awns or scurs	presence	scurs	awns
'Sunstate'	Ear	density	lax	lax to medium

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

Organ/Plant Part: Context	'QAL3362'	'Bowie'	'Rosella'	'Snipe'
<input checked="" type="checkbox"/> *Plant: growth habit	semi-erect	semi-erect	semi-erect	intermediate to semi-prostrate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very low to low	low to medium	very low to low	very low to low
<input type="checkbox"/> *Time of: ear emergence	medium	medium	medium	medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak to medium	weak to medium	medium	very weak to weak
<input type="checkbox"/> *Ear: glaucosity	very strong	very strong	very strong	very strong
<input type="checkbox"/> Culm: glaucosity of neck	very strong	very strong	very strong	very strong
<input checked="" type="checkbox"/> *Straw: pith in cross section	very thin	very thin	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering	tapering
<input type="checkbox"/> *Ear: density	lax	lax	lax to medium	lax to medium
<input type="checkbox"/> Ear: length	medium to long	medium to long	medium to long	medium to long
<input type="checkbox"/> *Awns or scurs: presence	scurs present	scurs present	scurs present	scurs present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	very short	very short	very short	very short to short
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Lower glume: shoulder width	medium to broad	broad	medium to broad	medium to broad
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	straight	straight to elevated	straight
<input type="checkbox"/> Lower glume: beak length	very short	very short	very short	very short
<input type="checkbox"/> Lower glume: beak shape	straight	straight	straight to slightly curved	straight to slightly curved
<input type="checkbox"/> Lower glume: extent of internal hair	very weak	very weak	very weak	very weak
<input checked="" type="checkbox"/> Lowest lemma: beak shape	straight	straight	straight	slightly curved
<input type="checkbox"/> *Grain: colour	white	white	white	white

GRANTS

Argyranthemum frutescens

MARGUERITE DAISY

‘Cotton Candy’^ϕ

Application No: 2006/086 Grantee: **Pacific Plant Development Pty Ltd**, Buxton, NSW.
Certificate No: 3376 Expiry Date: 28 August, 2027.

Cicer arietinum

CHICKPEA

‘Rupali’^ϕ

Application No: 2004/271 Grantee: **State of Western Australia through its Department of Agriculture and Food, University of Western Australia, Commonwealth Scientific and Industrial Research Organisation, Murdoch University, Grains Research and Development Corporation.**
Certificate No: 3369 Expiry Date: 27 August, 2027.
Agent: **State of Western Australia through its Department of Agriculture and Food**, Bentley Delivery Centre, WA.

‘Sonali’^ϕ

Application No: 2004/272 Grantee: **State of Western Australia through its Department of Agriculture and Food, University of Western Australia, Commonwealth Scientific and Industrial Research Organisation, Murdoch University, Grains Research and Development Corporation.**
Certificate No: 3370 Expiry Date: 27 August, 2027.
Agent: **State of Western Australia through its Department of Agriculture and Food**, Bentley Delivery Centre, WA.

Clematis hybrid

CLEMATIS

‘Adrian James’^ϕ

Application No: 2004/241 Grantee: **David Allan James Scholes and Carole Angela Scholes**, Somerville, VIC.
Certificate No: 3382 Expiry Date: 3 September, 2027.

Grevillea hybrid

GREVILLEA

‘Callum's Gold’^ϕ

Application No: 2005/182 Grantee: **James Walter Carter and Elva Lorraine Carter trading as Carters Tubes**, Burpengary, QLD.
Certificate No: 3364 Expiry Date: 23 August, 2027.

Hordeum vulgare

BARLEY

‘Grout’^ϕ

Application No: 2005/302 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries and Grains Research and Development Corporation**, Brisbane, QLD.

Certificate No: 3354 Expiry Date: 23 July, 2027.

Lomandra longifolia

SPINY HEADED MAT RUSH

‘Katrinus Deluxe’^ϕ

Application No: 2005/316 Grantee: **Ozbreed Pty Ltd**, Richmond, NSW.

Certificate No: 3398 Expiry Date: 27 September, 2027.

‘LMV100’^ϕ

Application No: 2005/180 Grantee: **Ozbreed Pty Ltd**, Richmond, NSW.

Certificate No: 3367 Expiry Date: 27 August, 2027.

Lupinus albus

WHITE LUPIN

‘Andromeda’^ϕ

Application No: 2004/226 Grantee: **State of Western Australia through its Department of Agriculture and Food, Council of Grain Grower Organisations Ltd, Grains Research and Development Corporation**, Bentley Delivery Centre, WA.

Certificate No: 3372 Expiry Date: 27 August, 2027.

Lupinus angustifolius

NARROW-LEAFED LUPIN

‘Coromup’^ϕ

Application No: 2006/157 Grantee: **State of Western Australia through its Department of Agriculture and Food, Grains Research and Development Corporation**, Bentley Delivery Centre, WA.

Certificate No: 3374 Expiry Date: 27 August, 2027.

‘Mandelup’^ϕ

Application No: 2003/115 Grantee: **State of Western Australia through its Department of Agriculture and Food, Grains Research and Development Corporation**, Bentley Delivery Centre, WA.

Certificate No: 3371 Expiry Date: 27 August, 2027.

Lupinus luteus

YELLOW LUPIN

‘Pootallong’^ϕ

Application No: 2004/235 Grantee: **State of Western Australia through its Department of Agriculture and Food and Grains Research and Development Corporation**, Bentley Delivery Centre, WA.
Certificate No: 3373 Expiry Date: 27 August, 2027.

Mandevilla hybrid

MANDEVILLA

‘Sunmandecos’^ϕ **syn Pink Fantasy**^ϕ

Application No: 2005/297 Grantee: **Suntory Flowers Limited**.
Certificate No: 3353 Expiry Date: 19 July, 2027.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

‘Sunmandecrim’^ϕ **syn CrimsonFantasy**^ϕ

Application No: 2004/142 Grantee: **Suntory Flowers Limited**.
Certificate No: 3352 Expiry Date: 19 July, 2027.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

Osteospermum ecklonis

CAPE DAISY

‘Balslerlabli’^ϕ

Application No: 2005/139 Grantee: **Ball Horticultural Company**.
Certificate No: 3380 Expiry Date: 3 September, 2027.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balserpink’^ϕ

Application No: 2005/141 Grantee: **Ball Horticultural Company**.
Certificate No: 3381 Expiry Date: 3 September, 2027.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balserpurp’^ϕ

Application No: 2005/136 Grantee: **Ball Horticultural Company**.
Certificate No: 3377 Expiry Date: 3 September, 2027.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balserswhit’^ϕ

Application No: 2005/138 Grantee: **Ball Horticultural Company**.
Certificate No: 3379 Expiry Date: 3 September, 2027.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Osteospermum hybrid

CAPE DAISY

‘Balsarwibli’^ϕ

Application No: 2005/137 Grantee: **Fa. Wilhelm Schmuelling.**

Certificate No: 3378 Expiry Date: 3 September, 2027.

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

Ozothamnus diosmifolius

RICEFLOWER

‘Coral Flush’^ϕ

Application No: 2005/308 Grantee: **EG Cook & ER Cook**, Helidon, QLD.

Certificate No: 3365 Expiry Date: 23 August, 2027.

Prunus avium

SWEET CHERRY

‘Sir Douglas’^ϕ

Application No: 2003/150 Grantee: **Minister for Agriculture, Food and Fisheries.**

Certificate No: 3363 Expiry Date: 22 August, 2032.

Agent: **Australian Nurseryman's Fruit Improvement Company Limited**, Bathurst, NSW.

‘Sir Hans’^ϕ

Application No: 2003/149 Grantee: **Minister for Agriculture, Food and Fisheries.**

Certificate No: 3362 Expiry Date: 22 August, 2032.

Agent: **Australian Nurseryman's Fruit Improvement Company Limited**, Bathurst, NSW.

Rosa hybrid

ROSE

‘Grandfiffo’^ϕ

Application No: 2005/226 Grantee: **Mr H Schreuders.**

Certificate No: 3395 Expiry Date: 7 September, 2027.

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

‘Hadice’^ϕ

Application No: 2004/338 Grantee: **Harvey D. Davidson.**

Certificate No: 3361 Expiry Date: 17 August, 2027.

Agent: **Wallara Roses**, Seville, VIC.

‘Interhiety’^ϕ

Application No: 2005/178 Grantee: **Interplant B.V..**

Certificate No: 3388 Expiry Date: 5 September, 2027.

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

‘JACarque’^ϕ syn Honey Perfume^ϕ

Application No: 2004/213 Grantee: **Jackson & Perkins Wholesale, Inc.**
 Certificate No: 3355 Expiry Date: 17 August, 2027.
 Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

‘JACpinap’^ϕ syn Apricot Passion^ϕ

Application No: 2004/220 Grantee: **Jackson & Perkins Wholesale, Inc.**
 Certificate No: 3392 Expiry Date: 5 September, 2027.
 Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

‘JACyimp’^ϕ syn Honey Bouquet^ϕ

Application No: 2004/219 Grantee: **Jackson & Perkins Wholesale, Inc.**
 Certificate No: 3356 Expiry Date: 17 August, 2027.
 Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

‘JACzeman’^ϕ syn Sundance^ϕ

Application No: 2004/297 Grantee: **Jackson & Perkins Wholesale, Inc.**
 Certificate No: 3391 Expiry Date: 5 September, 2027.
 Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

‘Lexaelat’^ϕ

Application No: 2005/119 Grantee: **Lex Voorn Rozenveredeling.**
 Certificate No: 3384 Expiry Date: 5 September, 2027.
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Lexalleb’^ϕ

Application No: 2005/120 Grantee: **Lex Voorn Rozenveredeling.**
 Certificate No: 3385 Expiry Date: 5 September, 2027.
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Nirpredhol’^ϕ

Application No: 2004/240 Grantee: **Lux Riviera S.r.l.**
 Certificate No: 3394 Expiry Date: 7 September, 2027.
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Nirprodbic’^ϕ

Application No: 2005/227 Grantee: **Lux Riviera S.r.l.**
 Certificate No: 3396 Expiry Date: 7 September, 2027.
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Ruia06671’^ϕ

Application No: 2005/122 Grantee: **De Ruiter's Nieuwe Rozen B.V.**
 Certificate No: 3386 Expiry Date: 5 September, 2027.
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Ruia16101’^ϕ

Application No: 2005/123 Grantee: **De Ruiter's Nieuwe Rozen B.V.**
 Certificate No: 3387 Expiry Date: 5 September, 2027.
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘SUNsaro’^ϕ

Application No: 2005/064 Grantee: **Franko Roses NZ Ltd.**
 Certificate No: 3383 Expiry Date: 5 September, 2027.
 Agent: **Grandiflora Nurseries Pty Ltd**, Cranbourne, VIC.

‘TAN99311’^ϕ

Application No: 2003/287 Grantee: **Rosen Tantau, Mathias Tantau Nachfolger.**
 Certificate No: 3397 Expiry Date: 27 September, 2027.
 Agent: **Flora International Pty Ltd**, Leppington, NSW.

‘WEKajazoul’^ϕ syn Long Tall Sally^ϕ

Application No: 2004/211 Grantee: **Weeks Wholesale Rose Grower, Inc.**
 Certificate No: 3359 Expiry Date: 17 August, 2027.
 Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

‘WEKblunez’^ϕ

Application No: 2005/031 Grantee: **Weeks Wholesale Rose Grower Inc.**
 Certificate No: 3390 Expiry Date: 5 September, 2027.
 Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

‘WEKcryland’^ϕ syn Moonstone^ϕ

Application No: 2004/210 Grantee: **Weeks Wholesale Rose Grower, Inc.**
 Certificate No: 3357 Expiry Date: 17 August, 2027.
 Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

‘WEKpaltlez’^ϕ syn Hot Cocoa^ϕ

Application No: 2004/224 Grantee: **Weeks Wholesale Rose Grower, Inc.**
 Certificate No: 3360 Expiry Date: 17 August, 2027.
 Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

‘WEKquaneze’^ϕ syn Barbra Streisand^ϕ

Application No: 2004/215 Grantee: **Weeks Wholesale Rose Grower, Inc.**

Certificate No: 3358 Expiry Date: 17 August, 2027.
Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

'WEKscemala'^ϕ **syn Chihuly**^ϕ

Application No: 2005/058 Grantee: **Weeks Wholesale Rose Grower Inc.**
Certificate No: 3389 Expiry Date: 5 September, 2027.
Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

Triticum aestivum

WHEAT

'EGA Wills'^ϕ

Application No: 2006/281 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries, Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation**, Brisbane, QLD.
Certificate No: 3368 Expiry Date: 27 August, 2027.

Vicia sativa

COMMON VETCH

'Love 2'^ϕ

Application No: 2006/208 Grantee: **Adelaide Research & Innovation Pty Ltd (ARI) and South Australian Grain Industry Trust**.
Certificate No: 3375 Expiry Date: 27 August, 2027.
Agent: **Adelaide Research & Innovation Pty Ltd**, Adelaide, SA.

Vitis vinifera

GRAPE

'M51-18'^ϕ

Application No: 2004/227 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.
Certificate No: 3366 Expiry Date: 26 August, 2032.

xTriticosecale

TRITICALE

'Breakwell'^ϕ

Application No: 2005/342 Grantee: **Value Added Wheat CRC Ltd and Grains Research and Development Corporation**, North Ryde, NSW.
Certificate No: 3393 Expiry Date: 5 September, 2027.

Denomination Changed

Application No.	Genus	Species	Common Name	Denomination Changed From	Denomination Changed To
2003/114	<i>Cicer</i>	<i>arietinum</i>	Chickpea	WACPE2012	Moti
2007/015	<i>Lolium</i>	<i>hybridum</i>	Hybrid ryegrass	Helix	Harper
2006/156	<i>Lupinus</i>	<i>angustifolius</i>	Narrow-Leafed Lupin	WALAN2224	Jenabillup
2000/301	<i>Mangifera</i>	<i>indica</i>	Mango	Blushing Nam Dok	Minijac
2006/007	<i>Triticum</i>	<i>aestivum</i>	Wheat	QT8753	EGA Kidman
2007/161	<i>Vicia</i>	<i>faba</i>	Field Bean	SP01040	Doza

Applicant's Name Amended

Application	Genus	Species	Variety	Changed From	Changed To
2005/080	<i>Vaccinium</i>	hybrid	C97-390	Chiquita Brands South Pacific Ltd	CostaExchange Ltd
2005/082	<i>Vaccinium</i>	hybrid	C99-42	Chiquita Brands South Pacific Ltd	CostaExchange Ltd
2005/081	<i>Vaccinium</i>	<i>ashei</i>	C96-081	Chiquita Brands South Pacific Ltd	CostaExchange Ltd

Assignment of Rights

Application No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2005/095	<i>Prunus</i>	<i>salicina</i> x <i>avium</i>	Nadia	Plum x Cherry interspecific hybrid	Mr Joseph Rullo	Cherry Royale Pty Ltd
2004/208	<i>Pyrus</i>	<i>communis</i>	Rullo Special	European Pear	Mr Joseph Rullo	Cherry Royale Pty Ltd
1997/017	<i>Citrus</i>	<i>australasica</i> var. <i>sanguinea</i>	Rainforest Pearl	Red Pulp Finger Lime	Erika Birmingham	Splitzer Investments Pty Ltd
2000/272	<i>Syzygium</i>	<i>australe</i>	Bronzed Aussie	Lilly Pilly	Peter James Paynter	Swane's Nurseries Australia Pty Ltd
2001/023	<i>Acmena</i>	<i>smithii</i>	Dusky	Lilly Pilly	Peter James Paynter	Swane's Nurseries Australia Pty Ltd

Change of Agent

Application No.	Genus	Species	Variety	ChangeFrom	ChangeTo
2005/078	<i>Vaccinium</i>	hybrid	Southern Belle	Blueberry Farms of Australia	BerryExchange
2005/079	<i>Vaccinium</i>	hybrid	Emerald	Blueberry Farms of Australia	BerryExchange

Surrendered – the following varieties are no longer under PBR protection

Application No	Genus	Species	Variety	Synonym	Common name
1999/010	<i>Arachis</i>	<i>hypogaea</i>	Conder		Peanut
1992/172	<i>Banksia</i>	<i>coccinea</i>	Waite Crimson		Scarlet Banksia
1991/020	<i>Banksia</i>	<i>hookeriana</i>	WAITE ORANGE		Banksia
2002/220	<i>Bougainvillea</i>	hybrid	Sirene		Bougainvillea
1999/171	<i>Brassica</i>	<i>napus</i>	Ag Emblem		Canola
2005/036	<i>Euphorbia</i>	<i>pulcherrima</i>	Eckadrian	Freedom Salmon	Poinsettia
2005/034	<i>Euphorbia</i>	<i>pulcherrima</i>	Eckansley	Holly Point	Poinsettia
1998/190	<i>Euphorbia</i>	<i>pulcherrima</i>	Fiscor Creme	Cortez White	Poinsettia
2003/271	<i>Ficus</i>	<i>benjamina</i>	Foyer		Weeping Fig
2003/270	<i>Fragaria</i>	<i>xananassa</i>	DPI Twotwelve		Strawberry
2003/277	<i>Fragaria</i>	<i>xananassa</i>	QHI Crimsonglow		Strawberry
1995/034	<i>Lens</i>	<i>culinaris</i>	Northfield		Lentil
1992/098	<i>Lotus</i>	<i>corniculatus</i>	GRASSLANDS GOLDIE		Birdsfoot Trefoil
2001/007	<i>Pisum</i>	<i>sativum</i>	Kiley		Field Pea
1999/123	<i>Pittosporum</i>	<i>ralphii</i>	Cathy		Pittosporum
1994/200	<i>Rosa</i>	hybrid	FRYSTAR	LIVERPOOL REMEMBERS	Rose
1994/057	<i>Rosa</i>	hybrid	LAVDOLL	APRICOT BOUQUET	Rose
1997/066	<i>Rosa</i>	hybrid	MY SWEET HONEYCOMB		Rose
2002/293	<i>Rosa</i>	hybrid	Panmurc		Rose
2002/324	<i>Rosa</i>	hybrid	Prerarol		Rose
2001/358	<i>Rosa</i>	hybrid	Ruilav	Blue Curiosa	Rose
2002/294	<i>Rosa</i>	hybrid	Ruirorap		Rose
2003/313	<i>Rosa</i>	hybrid	Spebola		Rose
1994/202	<i>Rosa</i>	hybrid	SUNTICK	TICKLED PINK	Rose
2003/282	<i>Rosa</i>	hybrid	TAN99530		Rose
2000/293	<i>Rosa</i>	hybrid	Tanaran		Rose
2000/295	<i>Rosa</i>	hybrid	Tanedaj		Rose
1998/101	<i>Rosa</i>	hybrid	Tannollipa		Rose
1996/070	<i>Rosa</i>	hybrid	WEKJOE	LYNN ANDERSON	Rose
1993/243	<i>Rosa</i>	hybrid	WELRED	ERIC THE RED	Rose
1999/062	<i>Rosa</i>	hybrid	Welstein		Rose
1993/151	<i>Schlumbergera</i>	<i>truncata</i>	HOLIDAY SPLENDOR		Christmas Cactus
1995/111	<i>Telopea</i>	<i>speciosissima</i>	Dreaming		Waratah
2003/173	<i>Triticum</i>	<i>aestivum</i>	GBA Shenton		Wheat
1994/229	<i>Vicia</i>	<i>faba</i>	BARKOOL		Field Bean

Withdrawn – the following varieties are no longer under PBR provisional protection

Application No	Genus	Species	Variety	Synonym	Common name
2006/094	<i>Agapanthus</i>	<i>praecox</i> subsp. <i>orientalis</i>	4tune8two		African Lily
2006/003	<i>Arachis</i>	<i>hypogaea</i>	Curtin		Peanut
1994/211	<i>Banksia</i>	<i>coccinea</i>	Waite Flame		Scarlet Banksia
2006/252	<i>Felicia</i>	<i>amelloides</i>	Kingfisher Blue		Blue Marguerite Daisy
2006/217	<i>Lavandula</i>	<i>pedunculata</i> subsp. <i>pedunculata</i>	Bouquet of Flowers		Lavender
1999/387	<i>Phaseolus</i>	<i>vulgaris</i>	Savannah		French bean
1996/109	<i>Prunus</i>	<i>persica</i>	Tucker's	Tucker's Autumn Blush	Peach
2005/219	<i>Rosa</i>	hybrid	Bridal Surprise	BR1-01	Rose
1991/067	<i>Vitis</i>	<i>vinifera</i>	SUGRAFIVE		Grape
2005/339	<i>Chamelaucium</i>	hybrid	Big Painted Lady		Waxflower
2005/218	<i>Chamelaucium</i>	hybrid	Stefans Delight		Waxflower
2005/217	<i>Chamelaucium</i>	hybrid	Blossom Fireball		Waxflower
2005/216	<i>Chamelaucium</i>	hybrid	Purple Giant		Waxflower
2005/214	<i>Chamelaucium</i>	hybrid	Lilac Spring		Waxflower

CORRIGENDA

No corrigendum is published in this issue.



Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 20 Issue 3**) are listed below:

- [Home](#)
- [Appendix 1 - Fees](#)
- [Appendix 2 - Plant Breeder's Rights Advisory Committee](#)
- [Appendix 3 - Index of Accredited Consultant 'Qualified Persons'](#)
- [Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'](#)
- [Appendix 5 - Addresses of UPOV and Member States](#)
- [Appendix 6 - Centralised Testing Centres](#)
- [Appendix 7 - List of Plant Classes for Denomination Purposes](#)
- [Appendix 8 - Register of Plant Varieties](#)

APPENDIX 1

FEES

Two fee structures exist as a result of the transition from Plant Variety Rights to Plant Breeders Rights. For new applications (those lodged on or after 11 November 1994) the PBR fees apply. For older applications lodged before 11 November 1994 and not finally disposed of (Granted, Withdrawn, Refused etc.) the PVR fees in force at the time apply.

The Treasurer has determined that all statutory fees under PBR regulations will be exempted from GST.

Payment of Fees

All cheques for fees should be made payable and sent to:

Collector of Public Monies
C/-Plant Breeders Rights Office, IP Australia
GPO Box 200
Woden, ACT 2606

The **application fee** (\$300) must accompany the application at the time of lodgement.

Consequences of not paying fees when due

Application fee

Should an application not be accompanied by the prescribed application fee the application will be deemed to be 'non-valid' and neither assigned an application number nor examined for acceptance pending the payment of the fee.

Examination fee

Non-payment of the examination fee of an application will automatically result, at the end of 12 months from the date of acceptance¹, in a refusal of the application. The consequences of refusal are the same as for applications deemed to be inactive (see 'inactive applications' below).

Consideration of a request for an extension of the period of provisional protection from the initial 12-month period may require the prior payment of the examination fee.

Certificate fee

Following the successful completion of the examination, including the public notice period, the applicant will be required and invoiced to pay the certification fee. Payment of the certification fee is a prerequisite to granting PBR and issuing the official certificate by the PBR office. Failure to pay the fee may result in a refusal to grant PBR.

Annual fee

Should an annual renewal fee not be paid within 30 days after the due date, the grant of PBR will be revoked under Section 50 of the PBR Act. To assist grantees, the PBR office will invoice grantees or their Australian agents for renewal fees.

Inactive applications

An application will be deemed inactive if, after 24 months of provisional protection (or 12 months in the case of non-payment of the examination fee) the PBR Office has not received a completed application or has not been advised to proceed with the examination or an extension of provisional protection has not been requested or not granted or a certificate fee has not been paid. Inactive applications will be examined and, should they not fully comply with Section 44 of the PBR Act 1994, they will be refused. As a result provisional protection will lapse, priority claims on that variety will be

¹ The time limit to pay examination fees on imported varieties can be deferred for a maximum of 12 months after the variety has been released from quarantine. Contact the PBR Office for further details.

lost and should the variety have been sold, it will be ineligible for plant breeders rights on reapplication. Continued use of labels or any other means to falsely imply that a variety is protected after the application has been refused is an offence under Section 75 of the Act.

FEES				
Basic Fees	Schedule			
	A	B	C	D
	\$			
Application	300	300	400	300
Examination - per application	1400	1200	1400	800
Certificate	300	300	250	300
Total Basic Fees	2000	1800	2050	1400
Annual Renewal - all applications	300			
Schedule				
A	Single applications and applications based on an official overseas test reports.			
B	Applicable when two or more Part 2 Applications are lodged simultaneously and the varieties are of the same genus and the examinations can be completed at one location at the same time.			
C	Applications lodged under PVR (prior to 10 th Nov 1994)			
D	Applicable to 5 or more applications examined at an Accredited Centralised Testing Centre			
Other Fees				
Variation to application(s) - per hour or part thereof				75
Change of Assignment - per application				100
Copy of an application (Part1 and/or Part2) , an objection or a detailed description				50
Copy of an entry in the Register				50
Lodging an objection				100
Annual subscription to Plant Varieties Journal				40
Back issues of Plant Varieties Journal				14
Administration - Other work relevant to PBR - per hour or part thereof				75
Application for declaration of essential derivation				800
Application for (a) revocation of a PBR				500
(b) revocation of a declaration of essential derivation				500
Compulsory licence				500
Request under subsection 19(11) for exemption from public access - varieties with no direct use as a consumer				100

APPENDIX 2**Plant Breeders Rights Advisory Committee (PBRAC)**

(Members of the PBRAC hold office in accordance with Section 85 of the *Plant Breeder's Rights Act 1994*.)

Committee Members

<p>Member Representing Plant Breeders</p> <p>Dr Paul Brennan Rock Valley Post Office via Lismore 1201 Cawongla Rd LARNOOK NSW 2480</p>	<p>Member Representing Plant Breeders</p> <p>Dr Glenn Dale Saltgrow PO Box 575 ASHGROVE QLD 4060</p>
<p>Member Representing Users</p> <p>Mr Robert Hansen Peanut Company of Australia PO Box 26 KINGAROY QLD 4610</p>	<p>Member Representing Consumers</p> <p>Ms Anne Pye PO Box 1538 MT BARKER SA 5251</p>
<p>Member Representing Conservation Interests</p> <p>Mr Bruce Lloyd Fairley downs 5250 Barmah-Shepparton Road TALLYGAROPNA VIC 3634</p>	<p>Member Representing Indigenous Interests</p> <p>Mr Mark Porter 26 Callicarpa Street REEDY CREEK QLD 4227</p>
<p>Member with Appropriate Qualifications</p> <p>Mr Benny Browne Griffith Hack 509 St Kilda Road MELBOURNE VIC 3004</p>	<p>Member with Appropriate Qualifications</p> <p>Professor Brad Sherman TC Beirne School of Law The University of Queensland ST LUCIA QLD 4072</p>
<p>Registrar (Chair)</p> <p>Mr Doug Waterhouse IP Australia PO Box 200 Woden ACT 2606</p>	

APPENDIX 3 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

The following persons have been accredited by the PBR office based on information provided by these persons. From the information provided by the applicants, the PBR office believes that these people can fulfil the role of 'qualified person' in the application for plant breeder's rights. Neither accreditation nor publication of a name in the list of persons is an implicit recommendation of the person so listed. The PBR office cannot be held liable for damages that may arise from the omission or inclusion of a person's name in the list nor does it assume any responsibility for losses or damages arising from agreements entered into between applicants and any person in the list of accredited persons. Qualified persons charge a fee for services rendered.

A guide to the use of the index of consultants:

- locate in the left column of Table 1 the plant group for which you are applying;
- listed in the right column are the names of accredited qualified persons from which you can choose a consultant;
- in Table 2 find that consultant's name, telephone number and area in which they are willing to consult (they may consult outside the nominated area);
- using the "Nomination of Qualified Person" form as a guide, agree provisionally on the scope and terms of the consultancy; complete the form and attach it to Part 1 of the application form;
- when you are notified that your nomination of a consultant qualified person is acceptable in the letter of acceptance of your application for PBR you should again consult the qualified person when planning the rest of the application for PBR.

TABLE 1

PLANT GROUP/SPECIES/FAMILY	CONSULTANT'S NAME (TELEPHONE AND AREA IN TABLE 2)
Actinidia	Lye, Colin Paananen, Ian Richards, Graeme
Agapanthus	Paananen, Ian
Almonds	Granger, Andrew Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Portman, Anthony Scholefield, Peter Stearne, Peter Tancred, Stephen Valentine, Bruce

Anigozanthos	Paananen, Ian Kirby, Greg Smith, Daniel
Anthurium	Paananen, Ian
Aroid	Harrison, Peter
Avocado	Lye, Colin Edwards, Arthur MacGregor, Alison Owen-Turner, John Parr, Wayne Swinburn, Garth Whiley, Tony
Azalea	Barrett, Mike Hempel, Maciej Paananen, Ian
Barley (Common)	Bhatti, Muhammad Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Saunders, James
Berry Fruit	Darmody, Liz Fleming, Graham Greer, Neil Scholefield, Peter Zorin, Margaret
Blackberry (<i>Rubus</i> sp)	Paananen, Ian
Blandfordia	Treverrow, Florence
Blueberry	Paananen, Ian Zorin, Margaret
Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian

Brassica

Bannan, Nathaniel
 Bhatti, Muhammad
 Chequer, Robert
 Downes, Ross
 Easton, Andrew
 Fennell, John
 Gororo, Nelson
 Johnston, Evan
 Kadkol, Gururaj
 Laker, Richard
 Light, Kate
 McMichael, Prue
 Rhodes, Phil
 Rudolph, Paul
 Sanders, Milton
 Saunders, James
 Scholefield, Peter
 Mouwen, Heidi
 Zadow, Diane

 Brunia

 Dunstone, Bob

 Buddleia

 Robb, John
 Paananen, Ian

 Buffalo Grass

 Paananen, Ian

 Calibrachoa

 Paananen, Ian

 Camellia

 Paananen, Ian
 Robb, John

 Carnation/Dianthus

 Paananen, Ian

Cereals	Bhatti, Muhammad Bullen, Kenneth Collins, David Cook, Bruce Derera, Nicholas AM Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Johnston, Evan Khan, Akram Mitchell, Leslie Moore, Stephen Oates, John Platz, Greg Porter, Richard Poulsen, David Rhodes, Phil Roake, Jeremy Rose, John Saunders, James Scattini, Walter John Siedel, John Stearne, Peter Wilson, Frances
Cherry	Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Mackay, Alastair Mitchell, Leslie Pumpa, Lucy Scholefield, Peter
Chickpeas	Bhatti, Muhammad Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James
Chrysanthemum	Paananen, Ian
Citrus	Calabria, Patrick Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Scholefield, Peter Swinburn, Garth Sykes, Stephen Topp, Bruce
Clivia	Smith, Kenneth

Clover	Bannan, Nathaniel Downes, Ross Johnston, Evan Lake, Andrew Miller, Jeff Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James
Conifer	Stearne, Peter
Cotton	Derera, Nicholas AM Khan, Akram Leske, Richard
Cucurbits	Herrington, Mark McMichael, Prue Rhodes, Phil Scholefield, Peter Sykes, Stephen
Dianella	Paananen, Ian
Dogwood	Darmody, Liz Fleming, Graham Stearne, Peter
Echinacea	Paananen, Ian
Eucalyptus	Paananen, Ian
Euphorbia	Paananen, Ian
Feijoa	Parr, Wayne Scholefield, Peter
Fibre Crops	Gillespie, David Khan, Akram
Fig	Darmody, Liz Fleming, Graham Parr, Wayne
Flower Bulbs	Verdegaal, John
Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James

Forage Grasses	Bannan, Nathaniel Downes, Ross Fennell, John Harrison, Peter Johnston, Evan Kirby, Greg Mitchell, Leslie Rhodes, Phil Smith, Kevin
Forage Legumes	Downes, Ross Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff Lake, Andrew Miller, Jeff Porter, Richard Rhodes, Phil Saunders, James Siedel, John
Fruit	Cramond, Gregory Darmody, Liz Fleming, Graham Gillespie, David Granger, Andrew Kennedy, Peter Lenoir, Roland McCarthy, Alec Mitchell, Leslie Parr, Wayne Portman, Sian Pumpa, Lucy Schapel, Amanda Scholefield, Peter
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony

Grapes	Burne, Peter Darmody, Liz 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 Stearne, Peter Swinburn, Garth Sykes, Stephen
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian
Gypsophila	Paananen, Ian
Hardenbergia	Dunstone, Bob
Hops (<i>Humulus</i> sp)	Paananen, Ian
Hydrangea	Hanger, Brian Paananen, Ian
Impatiens	Paananen, Ian
Jojoba	Dunstone, Bob
Kalanchoe	Paananen, Ian
Lavender	Paananen, Ian
Legumes	Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Imrie, Bruce Kirby, Greg Khan, Akram Knights, Edmund Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John

Lentils	Collins, David Downes, Ross Goulden, David Khan, Akram Porter, Richard Rhodes, Phil Saunders, James
Lilium	Paananen, Ian
Liriope	Paananen, Ian
Lomandra	Paananen, Ian
Lucerne	Bannan, Nathaniel Downes, Ross Johnston, Evan Lake, Andrew Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James
Lupin	Bhatti, Muhammad Collins, David Sanders, Milton Rhodes, Phil Saunders, James
Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian
Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony
Myrtaceae	Dunstone, Bob
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Bhatti, Muhammad Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Saunders, James
Oilseed crops	Downes, Ross Poulsen, David Siedel, John Rhodes, Phil Saunders, James

Olives	Bazzani, Mr Luigi Granger, Andrew
Onions	Bannan, Nathaniel Fennell, John Khan, Akram Laker, Richard McMichael, Prue Scholefield, Peter Rhodes, Phil
Ornamentals - Exotic	Abell, Peter Armitage, Paul Angus, Tim Barth, Gail Collins, Ian Cunneen, Thomas Darmody, Liz Dawson, Iain Derera, Nicholas AM Eggleton, Steve Fisk, Anne Marie Fleming, Graham Guy, Gareme Harrison, Peter Hempel, Maciej Johnston, Margaret Khan, Akram Kulkarni, Vinod Lamont, Greg Larkman, Clive Lenoir, Roland Lowe, Greg Lunghusen, Mark Marcsik, Doris McMichael, Prue Milne, Carolynn Mitchell, Hamish Mitchell, Leslie Nichols, David Oates, John O'Brien, Shaun Paananen, Ian Prescott, Chris Prince, John Robb, John Pumpa, Lucy Schapel, Amanda Scholefield, Peter Singh, Deo Smith, Daniel Stearne, Peter 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
 Dawson, Iain
 Derera, Nicholas AM
 Downes, Ross
 Eggleton, Steve
 Granger, Andrew
 Harrison, Peter
 Henry, Robert J
 Hockings, David
 Jack, Brian
 Johnston, Margaret
 Kirby, Greg
 Khan, Akram
 Lenoir, Roland
 Lowe, Greg
 Lullfitz, Robert
 Lunghusen, Mark
 McMichael, Prue
 Milne, Carolynn
 Mitchell, Hamish
 Molyneux, W M
 Nichols, David
 Oates, John
 O'Brien, Shaun
 Paananen, Ian
 Prince, John
 Pumpa, Lucy
 Schapel, Amanda
 Scholefield, Peter
 Singh, Deo
 Slater, Tony
 Smith, Daniel
 Stearne, Peter
 Tan, Beng
 Watkins, Phillip

 Ornithopus

 Foster, Kevin
 Nichols, Phillip

 Osmanthus

 Paananen, Ian
 Robb, John

 Osteospermum

 Paananen, Ian

Pastures & Turf	Anderson, Malcolm Avery, Angela Bannan, Nathaniel Bhatti, Muhammad Cameron, Stephen Cook, Bruce Downes, Ross Harrison, Peter Kemp, Stuart Kirby, Greg Loch, Don McMaugh, Peter Miller, Jeff Mitchell, Leslie Neylan, John Paananen, Ian Porter, Richard Rhodes, Phil Rose, John Saunders, James Smith, Raymond Scattini, Walter John Smith, Kevin Wilkes, Gregory Wilson, Frances Zorin, Margaret
Peanut	Cruickshank, Alan George, Doug
Pear	Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Paananen, Ian Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce
Pelargonium	Paananen, Ian
Persimmon	Parr, Wayne Swinburn, Garth
Petunia	Paananen, Ian Nichols, David
Philodendron	Paananen, Ian
Philotheca	Dunstone, Bob
Phormium	Paananen, Ian
Photinia	Robb, John

Pistacia	Richardson, Clive Sykes, Stephen
Pisum	Bhatti, Muhammad Downes, Ross Goulden, David McMichael, Prue Rhodes, Phil Sanders, Milton Saunders, James
Potatoes	Fennell, John Friemond, Terry Guertsen, Paul Hill, Jim Johnston, Evan McMichael, Prue Pumpa, Lucy Rhodes, Phil Saunders, James Schapel, Amanda Scholefield, Peter Slater, Tony Smith, Daniel Stearne, Peter Wilson, Graeme
Proteaceae	Barth, Gail Kirby, Neil Paananen, Ian Robb, John Scholefield, Peter Smith, Daniel
Prunus	Calabria, Patrick Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Granger, Andrew Kennedy, Peter Mackay, Alastair Malone, Michael Portman, Anthony Richards, Graeme Topp, Bruce Wilkes, Gregory Witherspoon, Jennifer
Pulse Crops	Collins, David Downes, Ross Graetz, Darren Oates, John Porter, Richard Poulsen, David Rhodes, Phil Saunders, James

Raspberry	Darmody, Liz Fleming, Graham Herrington, Mark Scholefield, Peter Zorin, Margaret
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Rhododendron	Barrett, Mike Paananen, Ian
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Rose	Barrett, Mike Darmody, Liz Fleming, Graham Hanger, Brian Lee, Peter McKirdy, Simon Paananen, Ian Prescott, Chris Pumpa, Lucy Schapel, Amanda Scholefield, Peter Smith, Daniel Stearne, Peter Swane, Geoff Syrus, A Kim
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Scaevola	Paananen, Ian
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Sesame	Bennett, Malcolm Harrison, Peter Imrie, Bruce
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Sorghum	Khan, Akram
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Soybean	Harrison, Peter James, Andrew
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Spathiphyllum	Paananen, Ian
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Spices and Medicinal Plants	Derera, Nicholas AM Khan, Akram
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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 Rhodes, Phil Scholefield, Peter Smith, Daniel
Tree Crops	McRae, Tony
Triticale	Bhatti, Muhammad Downes, Ross Collins, David Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Harrison, Peter Kulkarni, Vinod Parr, Wayne Scholefield, Peter Whiley, Tony
Umbrella Tree	Paananen, Ian
Vegetables	Bannan, Nathaniel Derera, Nicholas AM Fennell, John Frkovic, Edward Gillespie, David Harrison, Peter Khan, Akram Laker, Richard Lenoir, Roland MacGregor, Alison McMichael, Prue Oates, John O'Connor, Lauren Pearson, Craig Pumpa, Lucy Rhodes, Phil Schapel, Amanda Scholefield, Peter Smith, Daniel Westra Van Holthe, Jan
Verbena	Paananen, Ian
Walnut	Mitchell, Leslie

Wheat (Aestivum & Durum Groups)

Bhatti, Muhammad
Collins, David
Downes, Ross
Kadkol, Gururaj
Khan, Akram
Platz, Greg
Rhodes, Phil
Saunders, James
Sanders, Milton

Zantedeschia

Paananen, Ian

TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
Abell, Peter	0438 392 837 mobile	Australia
Aberdeen, Ian	03 5782 1029 03 5782 2073 fax	SE Australia
Allen, Paul	07 3824 0263 ph/fax	SE QLD, Northern NSW
Anderson, Malcolm	03 5573 0900 03 5571 1523 fax 017 870 252 mobile	Victoria
Angus, Tim	(64 4) 568 3878 ph/fax 001164211871076 mobile plantatim@zip.co.nz	Australia and New Zealand
Armitage, Paul	03 9756 7233 03 9756 6948 fax	Victoria
Avery, Angela	02 6030 4500 02 6030 4600 fax	South Eastern Australia
Bannan, Nathaniel	03 8318 9019 03 8318 9002 fax	Australia
Barrett, Mike	0429 720 013 mobile 02 9875 3087 02 9980 1662 fax 0407 062 494 mobile	NSW/ACT
Barth, Gail	08 8389 7479	SA and Victoria
Bazzani, Luigi	08 9772 1207 08 9772 1333 fax	Western Australia
Bennett, Malcolm	08 8973 9733 08 8973 9777 fax	NT, QLD, NSW, WA
Bhatti, Muhammad	08 9671 1322 ph 08 9671 1352 fax	Western Australia
Burne, Peter	08 8582 0338 ph 08 8583 2104 fax 0418 834 102 mobile	South Australia
Calabria, Patrick	02 6963 6360 0438 636 219 mobile	Riverina area of NSW
Chequer, Robert	03 5382 1269 0419 145 262 mobile	Victoria
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheatbelt of Western Australia
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
Dawson, Iain	02 6251 2293	ACT, South East NSW
Derera, Nicholas AM	02 9639 3072 02 9639 0345 fax 0414 639 307 mobile	Australia
Downes, Ross	02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile	ACT, South East Australia
Dunstone, Bob	02 6281 1754 ph/fax	South East NSW

Easton, Andrew	07 4690 2666	QLD and NSW
	07 4630 1063 fax	
Edwards, Arthur	08 8586 1232	SE Australia
	08 8595 1394 fax	
	0409 609 300 mobile	
Eggleton, Steve	03 9876 1097	Melbourne Region
	03 9876 1696 fax	
Engel, Richard	08 9397 5941	WA
	08 9397 5941 fax	
Fennell, John	03 5334 7871	Australia
	03 5334 7892 fax	
	0419 881 887	
Farquhar, Wayne	08 85657000	South Australia
	08 85657011 fax	
Fleming, Graham	03 9756 6105	Australia
	03 9752 0005 fax	
Friemond, Terry	08 9203 6720	Western Australia
	08 9203 6720 fax	
	0438 915 811 mobile	
Foster, Kevin	08 9368 3804	Mediterranean areas of Australia
	08 9474 2840 fax	
Frkovic, Edward	02 6962 7333	Australia
	02 6964 1311 fax	
George, Doug	07 5460 1308	Australia
	07 5460 1112 fax	
Gillespie, David	07 4155 6344	Wide Bay Burnett District, QLD
	07 4155 6656 fax	
Gororo, Nelson	03 5382 5911	Mediterranean areas of Australia
	03 5382 5755 fax	
	0428 534 770 mobile	
Goulden, David	64 3 325 6400	New Zealand
	64 3 325 2074 fax	
Graetz, Darren	08 8303 9362	South Australia
	08 8303 9424 fax	
Granger, Andrew	08 8389 8809	South Australia
	08 8389 8899 fax	
Greer, Neil	07 5441 1118	Australia
	07 5476 0098 fax	
	0418 881 755 mobile	
Guertsen, Paul	02 6845 3789	NSW, VIC, SE QLD
	02 6845 3382 fax	
	0407 658 105 mobile	
Hanger, Brian	03 9837 5547 ph/fax	Victoria
	0418 598106 mobile	
Hare, Ray	02 6763 1232	QLD, NSW VIC & SA
	02 6763 1222 fax	
Harrison, Peter	08 8948 1894 ph	Tropical/Sub-tropical Australia,
	08 8948 3894 fax	including NT and NW of WA
	0407 034 083 mobile	and tropical arid areas
Hempel, Maciej	02 4628 0376	NSW, QLD, VIC, SA
	02 4625 2293 fax	
Henry, Robert J	02 6620 3010	Australia
	02 6622 2080 fax	
Herrington, Mark	07 5441 2211	Southern Queensland
	07 5441 2235 fax	
Hill, Jeff	08 8303 9487	South Australia
	08 8303 9607 fax	

Hill, Jim	03 6428 2519 03 6428 2049 fax 0428 262 765 mobile	Australia
Hockings, David Imrie, Bruce	07 5494 3385 ph/fax 02 4474 0951 02 4474 0952 imriesc@sci.net.au	Southern Queensland SE Australia
Iredell, Janet Willa Jack, Brian	07 3202 6351 ph/fax 08 9952 5040 08 9952 5053 fax	SE Queensland South West WA
James, Andrew	07 3214 2278 07 3214 2272 fax	Australia
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 9992 2221 08 9992 2049 fax	Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Laker, Richard	08 87258987 08 8723 0142 fax 0417 855 592 mobile	Australia
Lamont, Greg	02 8778 5388 02 9734 9866 fax	Sydney region
Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Larkman, Clive	03 9735 3831 03 9739 6370 larkman@tpgi.com.au	Victoria
Lee, Peter	03 6330 1147 03 6330 1927 fax	SE Australia
Lee, Slade	02 6620 3410 02 6622 2080 fax	Queensland/Northern New South Wales
Lenoir, Roland Leske, Richard	02 6231 9063 ph/fax 07 4671 3136 07 4671 3113 fax	Australia Cotton growing regions of QLD & NSW
Light, Kate	03 5362 2175 0419 145 768 mobile	Victoria
Loch, Don	07 3286 1488 07 3286 3094 fax	Queensland

Lowe, Greg	02 4389 8750 02 4389 4958 fax 0411 327390 mobile	Sydney, Central Coast NSW
Lullfitz, Robert Lunghusen, Mark	08 9447 6360 03 5998 2083 03 5998 2089fax 0407 050 133 mobile	South West WA Melbourne & environs
Lye, Colin	07 4671 0044 07 4671 0066 fax 0427 786 668 mobile	NT, QLD and NSW
MacGregor, Alison	03 5023 4644 0419 229 713 mobile	Southern Australia – Murray Valley Region
Mackay, Alastair	08 9310 5342 ph/fax 0159 87221 mobile	Western Australia
McMaugh, Peter	02 9872 7833 02 9872 7855 fax	Australia
Malone, Michael	+64 6 877 8196 +64 6 877 4761 fax	New Zealand
Marcsik, Doris	08 8999 2017 08 8999 2049	Northern Territory and Queensland
McCarthy, Alec	08 9780 6273 08 9780 6136 fax	South West WA
McKirdy, Simon McMichael, Prue	042 163 8229 mobile 08 8373 2488 08 8373 2442 fax	Australia SE Australia
McRae, Tony	08 8723 0688 08 8723 0660 fax	Australia
Miller, Jeff	64 6 356 8019 extn 8027 64 3 351 8142 fax	Manawatu region, New Zealand
Milne, Carolynn Mitchell, Hamish	07 3206 3509 03 9737 9568 03 9737 9899 fax	QLD Victoria
Mitchell, Leslie	03 5821 2021 03 5831 1592 fax	VIC, Southern NSW
Molyneux, William	03 5965 2011 03 5965 2033 fax	Victoria
Moore, Stephen	02 6799 2230 02 6799 2239 fax	NSW
Morrison, Bruce	03 9210 9251 03 9800 3521 fax	East of Melbourne
Mouwen, Heidi	07 4690 2666 07 4630 1063	QLD, NSW
Neylan, John	03 9886 6200 0413 620 256 mobile	VIC, NSW, SA
Nichols, David	03 5977 4755 03 5977 4921 fax	SE Melbourne, Mornington Peninsula and Dandenong Ranges, Victoria
Nichols, Phillip	08 9387 7442 08 9383 9907 fax	Western Australia
Oates, John	02 4473 8465	Sydney region, Eastern Australia
O'Brien, Shaun	07 5442 3055 07 5442 3044 fax 0407 584 417 mobile	SE Queensland
O'Connor, Lauren	07 3359 3113 0418 510 480 mobile	Australia
Owen-Turner, John	07 4129 5217 07 4129 5511 fax	Burnett region, Central Queensland region

Paananen, Ian	02 4381 0051 02 8569 1896 fax 0412 826 589 mobile	Australia (based in Sydney) and New Zealand
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Platz, Greg	07 4639 8817 07 4639 8800 fax	QLD, Northern NSW
Porter, Richard	08 8431 5396 08 8431 5396 fax 0413 270 670 mobile	Adelaide region, South Australia
Portman, Anthony	08 9274 5355 08 9250 1859 fax	South-west Western Australia
Portman, Sian	08 9725 0660 0421 606 651 mobile	Western Australia
Poulsen, David	07 4661 2944 07 4661 5257 fax	SE QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Pumpa, Lucy	08 8373 2488 08 8373 2422 fax 0400 041 881 mobile	South Australia
Quinn, Patrick	03 5427 0485	SE Australia
Richards, Graeme	02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	Australia
Richardson, Clive	03 51550255	Victoria
Rhodes, Phil	64 3322 5405 0211 862 422 mobile phil@epr.co.nz	New Zealand
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region
Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
Rose, John	07 4661 2944 07 4661 5257 fax	SE Queensland
Rudolph, Paul	03 5381 2168 03 5381 1210 fax 0438 083 840 mobile	Victoria
Saunders, James	03 8318 9016 03 8318 9002 fax 0408 037 801 mobile	Australia
Sanders, Milton	08 9825 8087 08 9387 4388 fax 0427 031 951 mobile	Southern Australia: WA, Vic, NSW, SA
Scattini, Walter	07 3356 0863 ph/fax	Tropical and sub-tropical Australia
Schapel, Amanda	08 8373 2488 0408 344 843 mobile	South Australia
Scholefield, Peter	08 8373 2488 08 8373 2442 fax 018 082022 mobile	SE Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane

Slater, Tony	03 9210 9222 03 9800 3521 fax 0408 656 021 mobile	SE Australia
Smith, Daniel	08 8373 2488 08 8373 2442 fax	South Australia
Smith, Kenneth	02 4570 9069	Australia
Smith, Kevin	03 5573 0900 03 5571 1523 fax	SE Australia
Smith, Mike	07 5444 9630	SE Queensland
Smith, Stuart	03 6336 5234 03 6334 4961 fax	SE Australia
Stearne, Peter	02 9262 2611 02 9262 1080 fax	Sydney, ACT & NSW
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 9525 1800 08 9525 1607 fax	Perth Region
Watkinson, Andrew	07 5445 6654 0409 065 266 mobile	Northern NSW and Southern QLD
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 0419 145 763 mobile	Victoria
Zorin, Margaret	07 3207 4306 0418 984 555	Eastern Australia

Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name	Name
Ali, S	Lowe, Russell
Allen, Antony	Luckett, David
Armour, David	Mack, Ian
Baelde, Arie	Mann, Dorham
Baker, Grant	Mason, Lloyd
Bally, Ian	Matic, Rade
Barr, Andrew	Matthews, Michael
Bell, David	McCallum, Lesley
Bernuetz, Andrew	McDonald, David
Birmingham, Erika	Mendham, Neville
Box, Amanda	Menzies, Kim
Brennan, Paul	Miller, Kylie
Brewer, Lester	Moody, David
Brindley, Tony	Moss, Ian
Brindle, Sean	Mullins, Kathleen
Buchanan, Peter	Mungall, Neil
Bunker, John	Neilson, Peter
Bunker, Kerry	Newman, Allen
Burton, Wayne	Noone, Brian
Cameron, Nick	Norriss, Michael
Cant, Russell	Oakes, John
Chivers, Ian	Offord, Cathy
Clayton-Greene, Kevin	O'Brien, Tim
Constable, Greg	O'Sullivan, Robert
Cook, Esther	Paull, Jeff
Corcoran, Lisa	Pearce, Bob
Coventry, Stewart	Potter, Trent
Craig, Andrew	Pressler, Craig
Craigie, Gail	Reeve, Christopher
Culvenor, Richard	Reid, Peter
Dawson, Iain	Reinke, Russell
Crowhurst, Max	Roberts, Sean
De Betue, Remco	Roche, Matthew
de Koning, Carolyn	Rose, Ian
Dear, Brian	Sanders, Milton
Delaporte, Kate	Sandral, Graeme
Done, Anthony	Sanewski, Garth
Donnelly, Peter	Schilg, Karl
Downe, Graeme	Schreuders, Harry
Dryden, Susan	Scott, Ralph
Eastwood, Russell	Senior, Michael
Eglinton, Jason	Siemon, Fran
Eisemann, Robert	Smith, Chris
Elliott, Philip	Smith, Raymond
Evans, Pedro	Smith, Malcolm
Fitzgibbon, John	Smith, Susan
Flett, Peter	Snelling, Cath
Geary, Judith	Snowball, Richard
Gibbons, Philip	Stiller, Warwick

Gillies, Leanne	Stuart, Peter
Glover, Russell	Sturgess, Eric
Granger, Andrew	Sutton, John
Gurciullo, Gaetano	Tonks, John
Haire, Chris	Trimboli, Daniel
Harden, Patrick	Taylor, Kerry
Hollamby, Gil	Trigg, Pamela
Hoppo, Suzanne	Urwin, Nigel
Howie, Jake	Van der Spek, Folke
Hoxha, Adriana	Vater, Daniel
Hunt, Melissa	Vaughan, Peter
Hurst, Andrea	Venkatanagappa, Shoba
Irwin, John	Venn, Neil
Janhsen, Joanne	Warner, Bradley
Johnson, Peter	Warren, Andrew
Jupp, Noel	Watson, Brigid
Kaehne, Ian	Weatherly, Lilia
Katellaris, Andrew	Wei, Xianming
Kebblewhite, Tony	Whalley, RDB
Kempff, Stefan	Williams, Rex
Kennedy, Chris	Wilson, Stephen
Kobelt, Eric	Wilson, Rob
Lacey, Kevin	Winter, Bruce
Lawson, Marion	Wirthensohn, Michelle
Lee, Kathryn	Wright, Gary
Leighton, A	Yan, Guijun
Leonforte, Antonio	Zeppa, Aldo
Lewin, Laurence	
Lewis, Hartley	
Loi, Angelo	

APPENDIX 5

ADDRESSES OF UPOV AND MEMBER STATES

International Union for the Protection of New Varieties of Plants (UPOV):

International Union for the Protection of New Varieties of Plants (UPOV)
34, Chemin des Colombettes
CH-1211
Geneva 20
SWITZERLAND

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

Web site: <http://www.upov.int>

List of Addresses of Plant Variety Protection Offices in UPOV Member States

Status of Ratification in UPOV member States is available from UPOV website.

APPENDIX 6

CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of \$800. This is a saving of nearly 40% over the normal fee of \$1400.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met:

Appropriate facilities

While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

Experienced staff

Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

analysed data. These staff will require the authority to ensure timely maintenance of the trial. Where provided by the PBR office, the protocol and technical guidelines for the conduct of the trial must be followed.

Substantial industry support

Normally the establishment will be recognised by a state or national industry society or association. This may include/be replaced by a written commitment from major nurseries or other applicants, who have a history of regularly making applications for PBR in Australia, to use the facility.

Capability for long-term storage of genetic material

Depending upon the genus, a CTC must be in a position to make a long-term commitment to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as a national genetic resource centre in perpetuity will be favoured.

Contract testing for 3rd Parties

Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

Relationship between CTC and 3rd Parties

A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

One trial at a time

Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

One CTC per genus

Normally only one CTC will be authorised to test a genus. Special circumstances may exist (environmental factors, quarantine etc) to allow more than one CTC per genus, though a special case will need to be made to the PBR office. More than one CTC maybe allowed for roses.

One CTC may be authorised to test more than one genus.
Authorisations for each genus will be reviewed periodically.

Authorised Centralised Test Centres (CTCs)

Following publication of applications for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs. Any special conditions are also listed.

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture laboratory	R Kirkham	31/3/97
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/6/97
Ag-Seed Research	Horsham and other sites	Canola	Field, glasshouse, shadehouse, laboratory and biochemical analyses	P Rudolph	30/6/97
Agriculture Western Australia	Northam WA	Wheat	Field, laboratory	D Collins	30/6/97
University of Sydney, Plant Breeding Institute	Camden, NSW	<i>Argyranthemum</i> , <i>Diascia</i> , <i>Mandevilla</i>	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms,	J Oates	30/6/97

			tissue culture, molecular genetics and cytology lab.		
Boulters Nurseries Monbulk Pty Ltd	Monbulk, VIC	Clematis	Outdoor, shadehouse, greenhouse	M Lunghusen	30/9/97
Geranium Cottage Nursery	Galston, NSW	Pelargonium	Field, controlled environment house	I Paananen	30/11/97
Agriculture Victoria	Hamilton, VIC	<i>Perennial ryegrass, tall fescue, tall wheat grass, white clover, Persian clover</i>	Field, shadehouse, glasshouse, growth chambers. Irrigation. Pathology and tissue culture. Access to DNA and molecular marker technology. Cold storage.	M Anderson	30/6/98
Koala Blooms	Monbulk, VIC	<i>Bracteantha</i>	Outdoor, irrigation	M Lunghusen	30/6/98
Redlands Nursery	Redland Bay, QLD	<i>Aglaonema</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	30/6/98
Protected Plant Promotions	Macquarie Fields, NSW	New Guinea Impatiens including <i>Impatiens hawkeri</i> and its hybrids	Glasshouse	I Paananen	30/9/98
University of Queensland, Gatton College	Lawes, QLD	Some tropical pastures	Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage	To be advised	30/9/98
Jan and Peter Iredell	Moggill, QLD	Bougainvillea	Outdoor, shadehouse	J Iredell	30/9/98
Protected Plant Promotions	Macquarie Fields, NSW	<i>Verbena</i>	Glasshouse	I Paananen	31/12/98
Avondale Nurseries Ltd	Glenorie, NSW	<i>Agapanthus</i>	Greenhouse, tissue culture with commercial partnership	I Paananen	31/12/98
Paradise Plants	Kulnura, NSW	<i>Camellia, Lavandula, Osmanthus, Ceratopetalum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/98
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment greenhouses	C Prescott	31/12/98
F & I Baguley Flower and Plant Growers	Clayton South, VIC	<i>Euphorbia</i>	Controlled glasshouses, quarantine facilities, tissue culture	G Guy	31/3/99
Paradise Plants	Kulnura, NSW	<i>Limonium, Raphiolepis, Eriostemon, Lonicera Jasminum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	30/6/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Angelonia</i>	Glasshouse	I Paananen	30/6/00
Carol's Propagation	Alexandra Hills, QLD	<i>Cuphea, Anthurium</i>	Field beds, wide range of comparative varieties	C Milne D Singh	30/6/00
Queensland Department of Primary Industries, Redlands Research Station	Cleveland, QLD	<i>Cynodon, Zoysia</i> and other selected warm season-season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	D Loch	30/9/00

Luff Partnership	Kulnura, NSW	<i>Bracteantha</i>	Field beds, irrigation, shade house, propagation house, cool rooms,	I Dawson	31/12/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Petunia, Calibrachoa</i>	Glasshouse	I Paananen J Oates	31/12/00
NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood,	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt N Derera T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteaflorea Nursery Pty Ltd	Monbulk, VIC	<i>Plectranthus</i>	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	<i>Zingiber</i>	Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services	D Marcsik	30/9/04
Ball Australia	Keysborough, VIC	<i>Impatiens, Verbena</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	D. Nichols	30/9/04
Floreta Pty Ltd	Redland Bay QLD	<i>Bracteantha</i>	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevard Nurseries Mildura Pty Ltd	Irymple VIC	<i>Zantedeschia</i>	Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics,	K Mullins	31/12/04

			quarantine facilities		
Buchanan's Nursery	Hodgsonvale, QLD	<i>Prunus</i>	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/04
Ball Australia	Keysborough, VIC	<i>Calibrachoa, Osteospermum</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	D. Nichols	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including biotech, propagation, outdoor facilities	I Bally	30/09/05
Blueberry Farms of Australia	Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania	<i>Vaccinium</i>	Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories.	I Paananen	15/10/07

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Ball Australia	Keysborough, VIC	<i>Kalanchoe</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	D. Nichols
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: 31 December 2007.

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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