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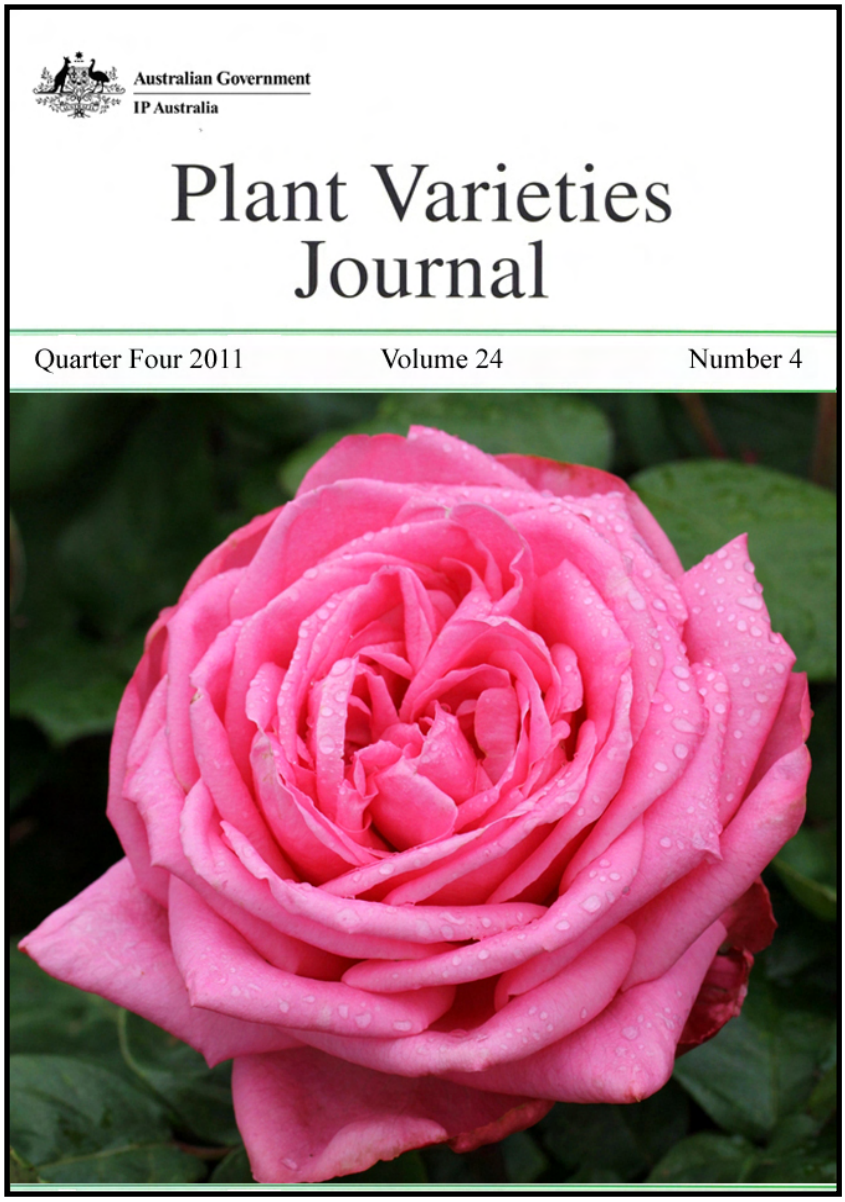
Plant Varieties Journal - Optimised for Screen Viewing



Plant Varieties Journal

Official Journal of Plant Breeder's Rights Office, IPAustralia

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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, official notices etc. The General Information pages of ***Plant Varieties Journal*** **(Vol. 24 Issue 4)** are listed below:

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 trailled 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 taxon 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 December 8, 2011):

Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, European Community, Estonia, Finland, France, Georgia, Germany, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Oman, Panama, Paraguay, Peru, Poland, Portugal, Republic of Korea, Republic of Macedonia, Republic of Moldova, Romania, Russian Federation, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Trinidad and Tobago, Turkey, Tunisia, Ukraine, United Kingdom, United States of America, Uruguay, Uzbekistan and Vietnam. (Total 70).

Republic of Macedonia became the 69th member of the union on May 4, 2011.

Peru became the 70th member of the union on August 8, 2011.

Ireland, which is already one of the seventy members of UPOV deposited its instrument of ratification of the 1991 Act of UPOV convention on December 8, 2011. It is the forty-ninth member to become bound by the 1991 Act.

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

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

European Developments

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

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

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

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

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

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

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

Instructions to Qualified Persons

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

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

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The detailed descriptions are accepted only in the IVDS format.

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

Official Notice

Intellectual Property Legislation Amendment Regulations 2011 (No. 2)

On 23 November 2011, the Federal Executive Council made the *Intellectual Property Legislation Amendment Regulations 2011 (No. 2)* ('the Regulations'). The Regulations have been registered in the Federal Register of Legislative Instruments and can be viewed on the ComLaw website (www.comlaw.gov.au).

The Regulations amend:

- the *Designs Regulations 2004*, the *Olympic Insignia Protection Regulations 1993*, the *Patents Regulations 1991*, the *Plant Breeder's Rights Regulations 1994* and the *Trade Marks Regulations 1995* to update references to the *Acts Interpretation Act 1901*, reflecting amendments to that Act made by the *Acts Interpretation Amendment Act 2011* – commencing on **27 December 2011**.
- the Patents Regulations to remove an exception to the existing general rule for determining when the Commissioner or the Patent Office is taken to have given someone a document – commencing on **1 January 2012**. This will allow documents made available to someone electronically to be treated the same as posted documents.
- the Patents Regulations to allow applicants for standard patents to request deferred consideration of proposed amendments to their complete specifications until substantive examination of their applications has commenced. The changes will provide greater flexibility for applicants seeking to amend their patent applications – commencing on **1 January 2012**.
- the classes of goods and services in Schedule 1 to the Trade Marks Regulations to reflect those in the Tenth Edition of the International Classification of Goods and Service (Nice Classification) – commencing on **1 January 2012**.

Further details are set out in the Explanatory Statement to the Regulations.

Queries Terry Moore
Director, Domestic Policy
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Part 2 Public Notices (Acceptances, Descriptions, Grants, and Variations etc)

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of ***Plant Varieties Journal*** (**Vol. 24 Issue 4**) are listed below:

ACCEPTANCES

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

Acacia acinacea

GOLD-DUST WATTLE

'AC01'

Application No: 2011/076 Accepted: 12 October, 2011
Applicant: **Mansfields Propagation Nursery**, Skye, VIC.

Allium porrum

LEEK

'NUNTON'

Application No: 2011/235 Accepted: 14 December, 2011
Applicant: **Nunhems B.V.** The Netherlands.
Agent: **Shelston IP**, Sydney, NSW.

Avena sativa

OATS

'Dunnart'

Application No: 2011/133 Accepted: 25 October, 2011
Applicant: **Minister for Agriculture and Fisheries** Adelaide, SA and **Grains Research and Development Corporation**, Barton, ACT.

Avena sativa

OATS

'Forester'

Application No: 2011/132 Accepted: 25 October, 2011
Applicant: **Minister for Agriculture and Fisheries** Adelaide, SA and **Grains Research and Development Corporation**, Barton, ACT

Beschorneria yuccoides

MEXICAN LILY

‘BESYS’ syn Reality

Application No: 2011/161 Accepted: 6 December, 2011
Applicant: **Lifetech Laboratories Ltd**, New Zealand.
Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

Brassica napus

CANOLA

‘ATR-GEM’

Application No: 2011/195 Accepted: 30 September, 2011
Applicant: **Nuseed Pty. Ltd.**, Laverton North, VIC.

‘AV-Zircon’

Application No: 2011/194 Accepted: 30 September, 2011
Applicant: **Nuseed Pty. Ltd.**, Laverton North, VIC.

‘GT Cobra’

Application No: 2011/193 Accepted: 30 September, 2011
Applicant: **Nuseed Pty. Ltd.**, Laverton North, VIC.

‘GT Viper’

Application No: 2011/196 Accepted: 30 September, 2011
Applicant: **Nuseed Pty. Ltd.**, Laverton North, VIC.

Callistemon phoeniceus

LESSER BOTTLEBRUSH

‘Scarlet Spires’

Application No: 2011/187 Accepted: 14 October, 2011
Applicant: **George A Lullfitz**, Wanneroo, WA.

Cicer arietinum

CHICKPEA

‘PBA Boundary’

Application No: 2011/201 Accepted: 30 September, 2011

Applicant: **Department of Primary Industries for and on behalf of the State of NSW** Orange, NSW**, Grains Research and Development Corporation,** Barton, ACT**, Agriculture Victoria Services Pty Ltd,** Attwood, VIC, **Minister for Agriculture and Fisheries as represented by the SARDI** Adelaide, SA and **Department of Employment, Economic Development and Innovation**, , Brisbane, NSW.

Citrus reticulata

MANDARIN

‘AC41114’

Application No: 2011/212 Accepted: 18 October, 2011
Applicant: **Craig Robert Pressler**, Emerald, QLD.

‘AC4916’

Application No: 2011/213 Accepted: 18 October, 2011
Applicant: **Craig Robert Pressler**, Emerald, QLD.

Desmanthus bicornutus

DESMANTHUS

‘JCU 4’

Application No: 2011/146 Accepted: 19 October, 2011
Applicant: **James Cook University**, Townsville, QLD.
Agent: **Nick Kempe**, Coorparoo, QLD.

Desmanthus leptophyllus

DESMANTHUS

‘JCU 1’

Application No: 2011/145 Accepted: 19 October, 2011
Applicant: **James Cook University**, Townsville, QLD.
Agent: **Nick Kempe**, Coorparoo, QLD.

Dianella revoluta

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

‘Haze’

Application No: 2011/126 Accepted: 6 December, 2011
Applicant: **Kevin Moore**, Wandin, VIC.

Dianella tasmanica

FLAX LILY

‘Lime Splice’

Application No: 2011/249 Accepted: 14 December, 2011
Applicant: **Phillip Allen Downling**, Australia.
Agent: **Plants Management Australia Pty. Ltd.**, Tasmania, TAS.

Dianthus x allwoodii

PINKS

‘WP08 ROS03’ syn Rosebud

Application No: 2011/124 Accepted: 7 November, 2011
Applicant: **Carolyn Grace Bourne,** Australia.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Diplolaena angustifolia

YANCHEP ROSE

‘Little Rose’

Application No: 2011/188 Accepted: 14 October, 2011
Applicant: **George A Lullfitz**, Wanneroo, WA.

Fragaria x ananassa

STRAWBERRY

‘DrisStrawNineteen’

Application No: 2011/215 Accepted: 24 October, 2011
Applicant: **Driscoll Strawberry Associates, Inc.**. USA.
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

‘DrisStrawTwenty-One’

Application No: 2011/214 Accepted: 24 October, 2011
Applicant: **Driscoll Strawberry Associates, Inc.**. USA.
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

Helleborus hybrid

WINTER ROSE

‘Tutu’

Application No: 2010/283 Accepted: 8 December, 2011
Applicant: **Eternal Plant Boijl BV**. The Netherlands
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Hordeum vulgare

BARLEY

‘SY Rattler’

Application No: 2011/056 Accepted: 5 October, 2011
Applicant: **Syngenta Seeds Ltd**. Australia.
Agent: **GrainSearch Pty Ltd**, Ballarat, VIC.

‘WIMMERA’

Application No: 2011/221 Accepted: 4 November, 2011
Applicant: **Agriculture Victoria Services Pty Ltd,** Attwood, VIC and **Grains Research and Development Corporation**, Barton, ACT.

Hymenosporum flavum

NATIVE FRANGIPANI

‘HF001’

Application No: 2011/094 Accepted: 7 December, 2011
Applicant: **Peter Goldup**. Australia.
Agent: **Bushland Flora**, Mt Evelyn, VIC.

Lactuca sativa

LETTUCE

‘Templin’

Application No: 2011/242 Accepted: 23 November, 2011
Applicant: **Nunhems B.V.**. The Netherlands.
Agent: **Shelston IP**, Sydney, NSW.

Lactuca sativa

LETTUCE

‘Vanguardia’

Application No: 2011/243 Accepted: 23 November, 2011
Applicant: **Nunhems B.V.**. The Netherlands.
Agent: **Shelston IP**, Sydney, NSW.

Lens culinaris

LENTIL

‘PBA Herald XT’ syn Herald XT

Application No: 2011/186 Accepted: 30 September, 2011
Applicant: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC.

Lolium perenne

PERENNIAL RYEGRASS

‘LP221’

Application No: 2011/199 Accepted: 13 December, 2011
Applicant: **New Zealand Agriseeds Limited**. New Zealand.
Agent: **Heritage Seeds Pty Ltd**, Howlong, NSW.

Lolium x hybridum

HYBRID RYEGRASS

‘Shogun’

Application No: 2011/200 Accepted: 14 December, 2011
Applicant: **New Zealand Agriseeds Limited**. New Zealand.
Agent: **Heritage Seeds Pty Ltd**, Howlong, NSW.

Lomandra hybrid

NEEDLE MATT RUSH

‘LCS5’

Application No: 2011/220 Accepted: 15 November, 2011
Applicant: **Ausplanz Investments Pty Ltd**, Longwarry, VIC.

Malus domestica

APPLE

‘Leprechaun’ syn Weefolk Granny Smith

Application No: 2010/138 Accepted: 6 December, 2011
Applicant: **JFT Nurseries Pty Ltd**. Australia.
Agent: **Australian Nurseryman's Fruit Improvement Company (ANFIC) Ltd**, Bathurst, NSW.

‘PremA153’

Application No: 2011/109 Accepted: 30 September, 2011
Applicant: **Prevar Ltd**. New Zealand.
Agent: **Australian Nurserymen's Fruit Improvement company (ANFIC) Ltd**, Bathurst, NSW.

‘PremA17``’

Application No: 2011/110 Accepted: 30 September, 2011
Applicant: **Prevar Ltd**. New Zealand.
Agent: **Australian Nurserymen's Fruit Improvement company (ANFIC) Ltd**, Bathurst, NSW.

‘UEB 3375/2’

Application No: 2011/224 Accepted: 7 December, 2011
Applicant: **Institute of Experimental Botany**. Czech Republic.
Agent: **Global Licencing Associates AU**, Hodgsonvale, QLD.

Mangifera indica

MANGO

‘Shelly’

Application No: 2010/137 Accepted: 2 November, 2011
Applicant: **The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation, (A.R.O.) The Volcani Center**. Israel.
Agent: **Crop & Nursery Services**, Kincumber, NSW.

Medicago sativa

LUCERNE

‘L70’

Application No: 2011/236 Accepted: 14 December, 2011
Applicant: **Pasture Genetics Pty Ltd**, Wingfield, SA.

‘SARDI 7 Series 2’ syn SARDI Seven Series 2

Application No: 2011/179 Accepted: 27 October, 2011

Applicant: **Minister of Agriculture and Fisheries (acting through SARDI)**, Adelaide, SA.

‘SARDI-Grazer’ syn SARDI-Grazier

Application No: 2011/180 Accepted: 27 October, 2011
Applicant: **Minister of Agriculture and Fisheries (acting through SARDI)**, Adelaide, SA.

Neotyphodium uncinatum

FUNGAL ENDOPHYTE -MEADOW FESCUE

‘U2’

Application No: 2010/253 Accepted: 6 December, 2011
Applicant: **Cropmark Seeds Australia Pty Ltd**, South Melbourne, VIC.

Oryza sativa

RICE

‘VGR500’

Application No: 2011/228 Accepted: 16 November, 2011
Applicant: **Vita Grain Pte Ltd**. Singapore.
Agent: **Dr. Abdul Mutakabbir Chaudhury**, Kambah, ACT.

Oryza sativa

RICE

‘VGR509’

Application No: 2011/227 Accepted: 16 November, 2011
Applicant: **Vita Grain Pte Ltd**. Singapore.
Agent: **Dr. Abdul Mutakabbir Chaudhury**, Kambah, ACT.

Ptilotus hybrid

PTILOTUS

‘B123’

Application No: 2011/172 Accepted: 20 October, 2011
Applicant: **The University of Queensland**. Australia.
Agent: **Fisher Adams Kelly**, Brisbane, QLD.

Pyrus communis

EUROPEAN PEAR

‘PremP33’

Application No: 2011/101 Accepted: 30 September, 2011
Applicant: **Prevar Ltd**. New Zealand.
Agent: **Australian Nurserymen's Fruit Improvement company (ANFIC) Ltd**, Bathurst, NSW.

Rosa hybrid

ROSE

‘KNI004’

Application No: 2011/149 Accepted: 9 November, 2011
Applicant: **Daniel Knight**. Australia.
Agent: **Knights Roses**, Gawler, SA.

Rosa hybrid

ROSE

‘PROanca’

Application No: 2011/163 Accepted: 24 October, 2011
Applicant: **Prophyl Pty Ltd**, Austin Ferry, TAS.

‘Rod Beechey’

Application No: 2011/162 Accepted: 24 October, 2011
Applicant: **Prophyl Pty Ltd**, Austin Ferry, TAS.

Rubus idaeus

RASPBERRY

‘Adele’

Application No: 2011/150 Accepted: 14 November, 2011
Applicant: **The New Zealand Institute for Plant and Food Research Limited**. New Zealand.
Agent: **AJ Park**, Canberra, ACT.

Rubus idaeus

RASPBERRY

‘Korere’

Application No: 2011/151 Accepted: 14 November, 2011
Applicant: **The New Zealand Institute for Plant and Food Research Limited**. New Zealand.
Agent: **AJ Park**, Canberra, ACT.

‘Korpiko’

Application No: 2011/152 Accepted: 14 November, 2011
Applicant: **The New Zealand Institute for Plant and Food Research Limited**. New Zealand.
Agent: **AJ Park**, Canberra, ACT.

Triticum aestivum

WHEAT

‘Corack’

Application No: 2011/207 Accepted: 18 October, 2011
Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

‘Elmore CL Plus’

Application No: 2011/210 Accepted: 18 October, 2011
Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

‘Emu Rock’

Application No: 2011/202 Accepted: 14 December, 2011
Applicant: **InterGrain Pty Ltd**, Victoria Park, WA.

‘Impose CL’

Application No: 2011/204 Accepted: 8 December, 2011
Applicant: **InterGrain Pty Ltd**, Victoria Park, WA.

‘Kiora’

Application No: 2011/209 Accepted: 18 October, 2011
Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

‘Suntop’

Application No: 2011/205 Accepted: 18 October, 2011
Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

‘Wallup’

Application No: 2011/208 Accepted: 18 October, 2011
Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

Vaccinium hybrid

SOUTHERN HIGHBUSH BLUEBERRY

‘Ridley 0501’

Application No: 2011/225 Accepted: 21 November, 2011
Applicant: **Mountain Blue Orchards Pty Ltd**, Lindendale, NSW.

Verbena xhybrida

VERBENA

‘V6073’

Application No: 2009/365 Accepted: 6 October, 2011
Applicant: **Nuflora International Pty Ltd**. Australia.
Agent: **Australian Perennial Growers**, Carrum Downs, VIC.

Vicia faba

FIELD BEAN

‘IX114/1-16’

Application No: 2011/197 Accepted: 20 October, 2011
Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales,** Orange, NSW. and **Grains Research & Development Corporation**, Barton, ACT.

Vitis vinifera

GRAPE VINE

‘SUGRATHIRTYFIVE’ syn SUGRA35

Application No: 2011/240 Accepted: 22 November, 2011
Applicant: **Sun World International LLC**. USA.
Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

x Festulolium

FESTULOLIUM

‘Helix’

Application No: 2010/252 Accepted: 9 December, 2011
Applicant: **Cropmark Seeds Australia Pty Ltd**, South Melbourne, VIC.

x Festulolium .

FESTULOLIUM

‘Revolution Ultra’

Application No: 2010/251 Accepted: 6 December, 2011
Applicant: **Cropmark Seeds Australia Pty Ltd**, South Melbourne, VIC.

xTriticosecale .

TRITICALE

‘Crackerjack 2’ syn CJ.2

Application No: 2011/189 Accepted: 10 November, 2011
Applicant: **Plant and Food Research**. New Zealand
Agent: **Heritage Seeds**, Howlong, NSW.

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
Willow Myrtle *(Agonis flexuosa)*	LemLimeGL	George A Lullfitz
Oats *(Avena sativa)*	Aladdin	The State of Queensland through its Department of Employment, Economic Development and Innovation
Bluebell Creeper *(Billardiera heterophylla)*	Blue Carpet	George A Lullfitz
Chickpea *(Cicer arietinum)*	PBA Boundary	Department of Primary Industries for and on behalf of the State of NSW, GRDC, Agriculture Victoria Services Pty Ltd, Minister for Agriculture and Fisheries as represented by the SARDI and Department of Employment, Economic Development and Innovation
Strawberry *(Fragaria xananassa)*	Sabrina	Plantas de Navarra, S.A. (Planasa)
Native Frangipani *(Hymenosporum flavum)*	HF001	Peter Goldup
Lettuce *(Lactuca sativa)*	MULTIRED 2	Nunhems B.V.

Lettuce *(Lactuca sativa L.)*	SCALA	Nunhems B.V.
Lentil *(Lens culinaris)*	Materno	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Lentil *(Lens culinaris)*	Mt Byron	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Lentil *(Lens culinaris)*	PBA Blitz	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Lentil *(Lens culinaris)*	PBA Herald XT	Agriculture Victoria Services Pty Ltd
Lentil *(Lens culinaris)*	PBA Jumbo	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Lentil *(Lens culinaris)*	Grampians	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Italian Ryegrass *(Lolium multiflorum)*	BurstARG	Vicseeds Production Pty Ltd
Lucerne *(Medicago sativa)*	SuperSiriver II	Seed Genetics International Pty Ltd
Chenille Honeymyrtle *(Melaleuca huegelii)*	HuegflatGL	George A Lullfitz
Cape Daisy *(Osteospermum ecklonis)*	Balvoyelo	Ball Horticultural Company
Petunia *(Petunia)*	Balperblues	Ball Horticultural Company
Petchoa *(Petunia x Calibrachoa)*	SAKPXC006	Sakata Seed Corporation

Petchoa *(Petunia x Calibrachoa)*	SAKPXC005	Sakata Seed Corporation
French bean *(Phaseolus vulgaris)*	Cabot	Harris Moran Seed Company
French bean *(Phaseolus vulgaris)*	Frontierau	Harris Moran Seed Company
New Zealand Mountain Flax *(Phormium cookianum)*	Black Magic	Vince Naus
New Zealand Mountain Flax *(Phormium cookianum)*	FIT01	Pat Fitzgerald
Field Pea *(Pisum sativum)*	PBA PERCY	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Pittosporum *(Pittosporum tenuefolium)*	Kiwijade	Jeff Elliott
Interspecific Plum *(Prunus salicina x armeniaca)*	RUBYCOT	State of Queensland acting through the Department of Employment, Economic Development and Innovation (DEEDI), Horticulture Australia Limited
Ptilotus *(Ptilotus hybrid)*	B123	The University of Queensland
Wedding Bush *(Ricinocarpos tuberculatus)*	RicpenGL	George A Lullfitz
Sugarcane *(Saccharum hybrid)*	Q246	BSES Limited

Sugarcane *(Saccharum hybrid)*	Q248	BSES Limited
Sugarcane *(Saccharum hybrid)*	Q247	BSES Limited
Sugarcane *(Saccharum hybrid)*	Q245	BSES Limited
Wheat *(Triticum aestivum)*	Elmore CL Plus	Australian Grain Technologies Pty Ltd
Wheat *(Triticum aestivum)*	Wallup	Australian Grain Technologies Pty Ltd
Wheat *(Triticum aestivum)*	Corack	Australian Grain Technologies Pty Ltd
Wheat *(Triticum aestivum)*	Suntop	Australian Grain Technologies Pty Ltd
Durum Wheat *(Triticum turgidum subsp. durum)*	Tjilkuri	Adelaide Research & Innovation Pty Ltd, Grains Research Development Corporation
Durum Wheat *(Triticum turgidum subsp. Durum)*	WID802	Adelaide Research & Innovation Pty Ltd
Durum Wheat *(Triticum turgidum subsp. Durum)*	Yawa	Adelaide Research & Innovation Pty Ltd
Southern Highbush Blueberry *(Vaccinium hybrid)*	C02-073	BerryExchange (a division of CostaExchange Ltd)

Southern Highbush Blueberry *(Vaccinium hybrid)*	C03-038	BerryExchange (a division of CostaExchange Ltd)
Southern Highbush Blueberry *(Vaccinium hybrid)*	C03-087	BerryExchange (a division of CostaExchange Ltd)
Southern Highbush Blueberry *(Vaccinium hybrid)*	C03-158	BerryExchange (a division of CostaExchange Ltd)
Field Bean *(Vicia faba)*	IX114/1-16	Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research & Development Corporation

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Date of effect: 15-Feb-2012

Plant Varieties Journal - Search Result Details

Bluebell Creeper *(Billardiera heterophylla)*

Variety:	'Blue Carpet'
Synonym:	N/A
Application no:	2011/255
Current status:	ACCEPTED
Certificate no:	N/A
Received:	22-Nov-2011
Accepted:	03-Jan-2012
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	George A Lullfitz
Agent:	N/A
Telephone:	0894051607
Fax:	0893062933

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Cape Daisy *(Osteospermum ecklonis)*

Variety:	'Balvoyelo'
Synonym:	N/A
Application no:	2011/129
Current status:	ACCEPTED
Certificate no:	N/A
Received:	22-Jun-2011
Accepted:	15-Aug-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Ball Horticultural Company
Agent:	Ball Australia Pty. Ltd.
Telephone:	039785355
Fax:	0397983733

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Chenille Honeymyrtle *(Melaleuca huegelii)*

Variety:	'HuegflatGL'
Synonym:	N/A
Application no:	2007/249
Current status:	ACCEPTED
Certificate no:	N/A
Received:	21-Sep-2007
Accepted:	24-Oct-2007
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	George A Lullfitz
Agent:	N/A
Telephone:	0894051607
Fax:	0893062933

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Chickpea *(Cicer arietinum)*

Variety:	'PBA Boundary'
Synonym:	N/A
Application no:	2011/201
Current status:	ACCEPTED
Certificate no:	N/A
Received:	05-Sep-2011
Accepted:	30-Sep-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Department of Primary Industries for and on behalf of the State of NSW, GRDC, Agriculture Victoria Services Pty Ltd, Minister for Agriculture and Fisheries as represented by the SARDI and Department of Employment, Economic Development and Innovation
Agent:	N/A
Telephone:	0263913540
Fax:	0263913561

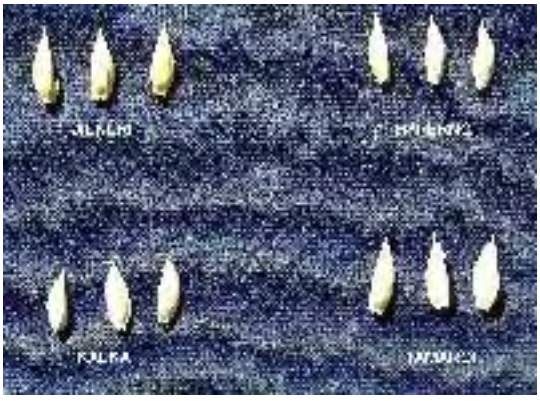
View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Durum Wheat *(Triticum turgidum subsp. durum)*

Variety:	'Tjilkuri'
Synonym:	N/A
Application no:	2010/255
Current status:	ACCEPTED
Certificate no:	N/A
Received:	08-Oct-2010
Accepted:	20-Jan-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Adelaide Research & Innovation Pty Ltd, Grains Research Development Corporation
Agent:	Adelaide Research & Innovation Pty Ltd
Telephone:	0883033480
Fax:	0883034355

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Durum Wheat *(Triticum turgidum subsp. Durum)*

Variety:	'WID802'
Synonym:	N/A
Application no:	2011/231
Current status:	ACCEPTED
Certificate no:	N/A
Received:	01-Nov-2011
Accepted:	12-Jan-2012
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Adelaide Research & Innovation Pty Ltd
Agent:	N/A
Telephone:	0883033480
Fax:	0883034355

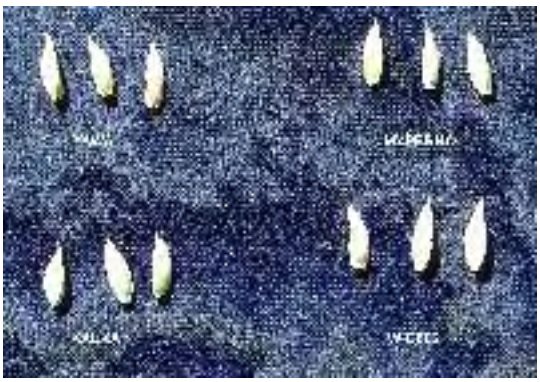
View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Durum Wheat *(Triticum turgidum subsp. Durum)*

Variety:	'Yawa'
Synonym:	N/A
Application no:	2011/232
Current status:	ACCEPTED
Certificate no:	N/A
Received:	01-Nov-2011
Accepted:	04-Jan-2012
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Adelaide Research & Innovation Pty Ltd
Agent:	N/A
Telephone:	0883033480
Fax:	0883034355

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Field Bean *(Vicia faba)*

Variety:	'IX114/1-16'
Synonym:	N/A
Application no:	2011/197
Current status:	ACCEPTED
Certificate no:	N/A
Received:	02-Sep-2011
Accepted:	20-Oct-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research & Development Corporation
Agent:	N/A
Telephone:	0263913540
Fax:	63913563

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Field Pea *(Pisum sativum)*

Variety:	'PBA PERCY'
Synonym:	PERCY
Application no:	2011/165
Current status:	ACCEPTED
Certificate no:	N/A
Received:	14-Jul-2011
Accepted:	12-Sep-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Agent:	N/A
Telephone:	0392174138
Fax:	0392174161

View the detailed description of this variety.


Parafield
PBA Percy

Plant Varieties Journal - Search Result Details

French bean *(Phaseolus vulgaris)*

Variety:	'Cabot'
Synonym:	N/A
Application no:	2011/013
Current status:	Accepted
Certificate no:	N/A
Received:	21-Jan-2011
Accepted:	13-Apr-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Harris Moran Seed Company
Agent:	Clause Pacific (Henderson Seeds Group Pty Ltd Trading as Clause Pacific)
Telephone:	0388505400
Fax:	0388505444

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

French bean *(Phaseolus vulgaris)*

Variety:	'Frontierau'
Synonym:	N/A
Application no:	2011/014
Current status:	Accepted
Certificate no:	N/A
Received:	21-Jan-2011
Accepted:	13-Apr-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Harris Moran Seed Company
Agent:	Clause Pacific (Henderson Seeds Group Pty Ltd Trading as Clause Pacific)
Telephone:	0388505400
Fax:	0388505444

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Interspecific Plum *(Prunus salicina x armeniaca)*

Variety:	'RUBYCOT'
Synonym:	N/A
Application no:	2009/092
Current status:	ACCEPTED
Certificate no:	N/A
Received:	08-May-2009
Accepted:	15-Jul-2009
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	State of Queensland acting through the Department of Employment, Economic Development and Innovation (DEEDI), Horticulture Australia Limited
Agent:	N/A
Telephone:	0738969401
Fax:	0738969628

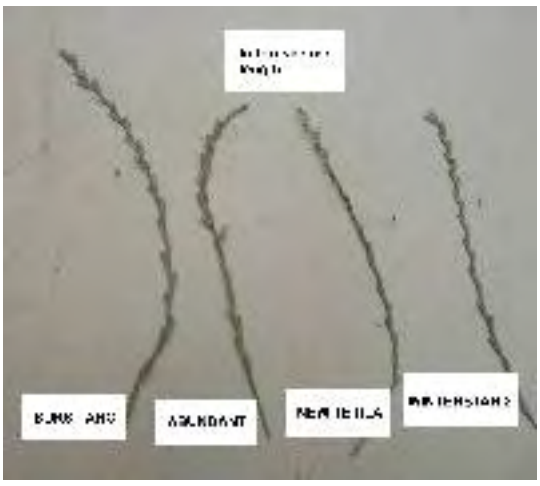
View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Italian Ryegrass *(Lolium multiflorum)*

Variety:	'BurstARG'
Synonym:	FlourishARG
Application no:	2011/021
Current status:	Accepted
Certificate no:	N/A
Received:	01-Feb-2011
Accepted:	29-Mar-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Vicseeds Production Pty Ltd
Agent:	N/A
Telephone:	0352217577
Fax:	0352217877

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Lentil *(Lens culinaris)*

Variety:	'Materno'
Synonym:	CIPAL0717
Application no:	2011/058
Current status:	Accepted
Certificate no:	N/A
Received:	04-Apr-2011
Accepted:	28-Apr-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Agent:	PB Seeds Pty. Ltd.
Telephone:	0353827292
Fax:	0353824282

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Lentil *(Lens culinaris)*

Variety:	'Mt Byron'
Synonym:	CIPAL0719
Application no:	2011/057
Current status:	Accepted
Certificate no:	N/A
Received:	04-Apr-2011
Accepted:	28-Apr-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Agent:	PB Seeds Pty. Ltd.
Telephone:	0353827292
Fax:	0353824282

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Lentil *(Lens culinaris)*

Variety:	'PBA Blitz'
Synonym:	Blitz
Application no:	2010/223
Current status:	ACCEPTED
Certificate no:	N/A
Received:	23-Sep-2010
Accepted:	09-Nov-2010
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Agent:	PB Seeds Pty. Ltd.
Telephone:	0353827292
Fax:	0353824282

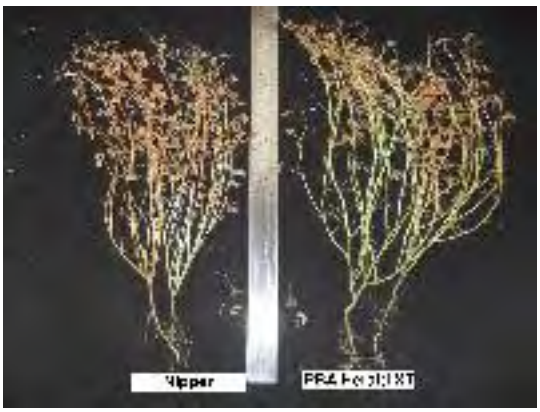
View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Lentil *(Lens culinaris)*

Variety:	'PBA Herald XT'
Synonym:	Herald XT
Application no:	2011/186
Current status:	ACCEPTED
Certificate no:	N/A
Received:	22-Aug-2011
Accepted:	30-Sep-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Agriculture Victoria Services Pty Ltd
Agent:	N/A
Telephone:	0392174138
Fax:	0392174161

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Lentil *(Lens culinaris)*

Variety:	'PBA Jumbo'
Synonym:	Jumbo
Application no:	2010/222
Current status:	ACCEPTED
Certificate no:	N/A
Received:	23-Sep-2010
Accepted:	09-Nov-2010
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Agent:	PB Seeds Pty. Ltd.
Telephone:	0353827292
Fax:	0353824282

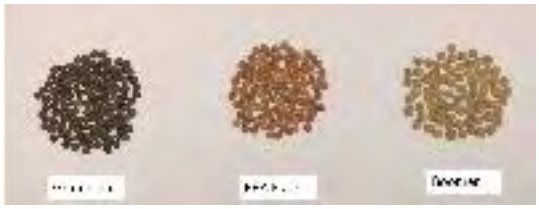
View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Lentil *(Lens culinaris)*

Variety:	'Grampians'
Synonym:	CIPAL0714
Application no:	2011/059
Current status:	Accepted
Certificate no:	N/A
Received:	04-Apr-2011
Accepted:	28-Apr-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation
Agent:	PB Seeds Pty. Ltd.
Telephone:	0353827292
Fax:	0353824282

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Lettuce *(Lactuca sativa)*

Variety:	'MULTIRED 2'
Synonym:	N/A
Application no:	2008/160
Current status:	ACCEPTED
Certificate no:	N/A
Received:	21-May-2008
Accepted:	08-Jul-2008
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Nunhems B.V.
Agent:	Shelston IP
Telephone:	0297771111
Fax:	0292414666

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Lettuce *(Lactuca sativa L.)*

Variety:	'SCALA'
Synonym:	N/A
Application no:	2010/258
Current status:	ACCEPTED
Certificate no:	N/A
Received:	12-Oct-2010
Accepted:	06-Dec-2010
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Nunhems B.V.
Agent:	Shelston IP
Telephone:	0297771111
Fax:	0292414666

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Lucerne *(Medicago sativa)*

Variety:	'SuperSiriver II'
Synonym:	SuperCharge
Application no:	2010/226
Current status:	ACCEPTED
Certificate no:	N/A
Received:	28-Sep-2010
Accepted:	11-Jan-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Seed Genetics International Pty Ltd
Agent:	N/A
Telephone:	0887551144
Fax:	0887551644

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Native Frangipani *(Hymenosporum flavum)*

Variety:	'HF001'
Synonym:	N/A
Application no:	2011/094
Current status:	ACCEPTED
Certificate no:	N/A
Received:	19-May-2011
Accepted:	07-Dec-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Peter Goldup
Agent:	Bushland Flora
Telephone:	0397364364
Fax:	0397364716

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

New Zealand Mountain Flax *(Phormium cookianum)*

Variety:	'Black Magic'
Synonym:	N/A
Application no:	2010/011
Current status:	ACCEPTED
Certificate no:	N/A
Received:	22-Jan-2010
Accepted:	28-Jan-2010
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Vince Naus
Agent:	Touch of Class Plants Pty Ltd
Telephone:	0356292443
Fax:	0356292822

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

New Zealand Mountain Flax *(Phormium cookianum)*

Variety:	'FIT01'
Synonym:	N/A
Application no:	2010/090
Current status:	ACCEPTED
Certificate no:	N/A
Received:	06-May-2010
Accepted:	02-Nov-2010
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Pat Fitzgerald
Agent:	Greenhill's Propagation Nursery Pty Ltd
Telephone:	0356292443
Fax:	0356292822

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Oats *(Avena sativa)*

Variety:	'Aladdin'
Synonym:	N/A
Application no:	2010/136
Current status:	Accepted
Certificate no:	N/A
Received:	07-Jul-2010
Accepted:	07-Mar-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	The State of Queensland through its Department of Employment, Economic Development and Innovation
Agent:	N/A
Telephone:	0746398849
Fax:	0746398800

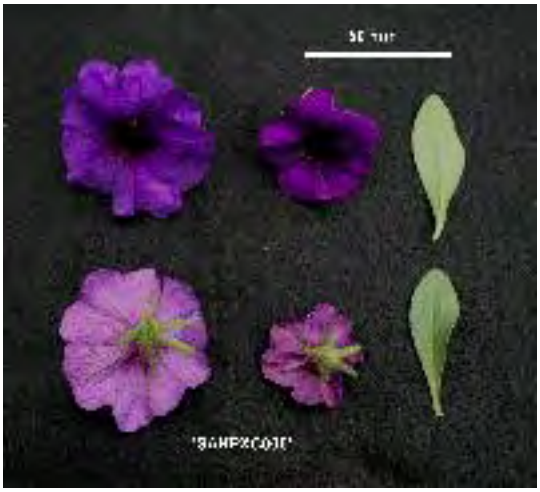
View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Petchoa *(Petunia x Calibrachoa)*

Variety:	'SAKPXC006'
Synonym:	N/A
Application no:	2009/315
Current status:	ACCEPTED
Certificate no:	N/A
Received:	17-Nov-2009
Accepted:	16-Apr-2010
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Sakata Seed Corporation
Agent:	Sakata Seed Oceania
Telephone:	N/A
Fax:	0356261127

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Petchoa *(Petunia x Calibrachoa)*

Variety:	'SAKPXC005'
Synonym:	N/A
Application no:	2009/317
Current status:	ACCEPTED
Certificate no:	N/A
Received:	17-Nov-2009
Accepted:	16-Apr-2010
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Sakata Seed Corporation
Agent:	Sakata Seed Oceania
Telephone:	N/A
Fax:	0356261127

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Petunia *(Petunia)*

Variety:	'Balperblues'
Synonym:	Rhythm and Blues
Application no:	2009/156
Current status:	ACCEPTED
Certificate no:	N/A
Received:	03-Jul-2009
Accepted:	05-Nov-2009
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Ball Horticultural Company
Agent:	Ball Australia Pty. Ltd.
Telephone:	039785355
Fax:	0397983733

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Pittosporum *(Pittosporum tenuefolium)*

Variety:	'Kiwijade'
Synonym:	N/A
Application no:	2007/115
Current status:	ACCEPTED
Certificate no:	N/A
Received:	19-Apr-2007
Accepted:	25-Jul-2007
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Jeff Elliott
Agent:	Hermitage Nursery
Telephone:	0359792491
Fax:	0359792363

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Ptilotus *(Ptilotus hybrid)*

Variety:	'B123'
Synonym:	N/A
Application no:	2011/172
Current status:	ACCEPTED
Certificate no:	N/A
Received:	21-Jul-2011
Accepted:	20-Oct-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4

Title Holder:	The University of Queensland
Agent:	Fisher Adams Kelly
Telephone:	0732292655
Fax:	0732210597

View the detailed description of this variety.


B123
Passion

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry *(Vaccinium hybrid)*

Variety:	'C02-073'
Synonym:	N/A
Application no:	2010/313
Current status:	Accepted
Certificate no:	N/A
Received:	20-Dec-2010
Accepted:	30-Mar-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	BerryExchange (a division of CostaExchange Ltd)
Agent:	N/A
Telephone:	0266492921
Fax:	0266492994

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry *(Vaccinium hybrid)*

Variety:	'C03-038'
Synonym:	N/A
Application no:	2010/315
Current status:	Accepted
Certificate no:	N/A
Received:	20-Dec-2010
Accepted:	30-Mar-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	BerryExchange (a division of CostaExchange Ltd)
Agent:	N/A
Telephone:	0266492921
Fax:	0266492994

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry *(Vaccinium hybrid)*

Variety:	'C03-087'
Synonym:	N/A
Application no:	2010/312
Current status:	Accepted
Certificate no:	N/A
Received:	20-Dec-2010
Accepted:	30-Mar-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	BerryExchange (a division of CostaExchange Ltd)
Agent:	N/A
Telephone:	0266492921
Fax:	0266492994

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Southern Highbush Blueberry *(Vaccinium hybrid)*

Variety:	'C03-158'
Synonym:	N/A
Application no:	2010/317
Current status:	Accepted
Certificate no:	N/A
Received:	20-Dec-2010
Accepted:	30-Mar-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	BerryExchange (a division of CostaExchange Ltd)
Agent:	N/A
Telephone:	0266492921
Fax:	0266492994

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Strawberry *(Fragaria xananassa)*

Variety:	'Sabrina'
Synonym:	N/A
Application no:	2010/116
Current status:	ACCEPTED
Certificate no:	N/A
Received:	28-May-2010
Accepted:	09-Jul-2010
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Plantas de Navarra, S.A. (Planasa)
Agent:	Red Jewel Fruit Management Pty Ltd
Telephone:	0746841133
Fax:	0746841186

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Sugarcane *(Saccharum hybrid)*

Variety:	'Q246'
Synonym:	BSES246
Application no:	2011/169
Current status:	ACCEPTED
Certificate no:	N/A
Received:	22-Jul-2011
Accepted:	05-Sep-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	BSES Limited
Agent:	N/A
Telephone:	0749636805
Fax:	0738710383

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Sugarcane *(Saccharum hybrid)*

Variety:	'Q248'
Synonym:	BSES248
Application no:	2011/171
Current status:	ACCEPTED
Certificate no:	N/A
Received:	22-Jul-2011
Accepted:	05-Sep-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	BSES Limited
Agent:	N/A
Telephone:	0749636805
Fax:	0738710383

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Sugarcane *(Saccharum hybrid)*

Variety:	'Q247'
Synonym:	BSES247
Application no:	2011/170
Current status:	ACCEPTED
Certificate no:	N/A
Received:	22-Jul-2011
Accepted:	05-Sep-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	BSES Limited
Agent:	N/A
Telephone:	0749636805
Fax:	0738710383

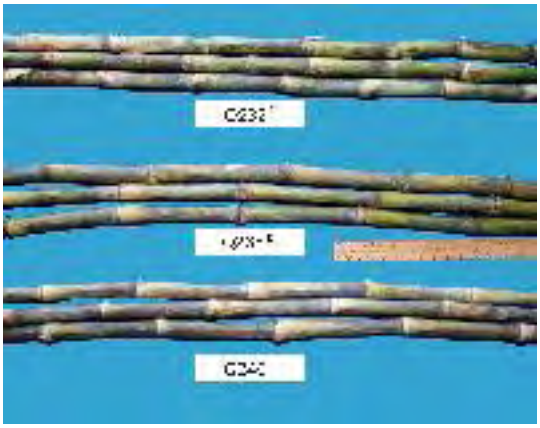
View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Sugarcane *(Saccharum hybrid)*

Variety:	'Q245'
Synonym:	BSES245
Application no:	2011/168
Current status:	ACCEPTED
Certificate no:	N/A
Received:	22-Jul-2011
Accepted:	05-Sep-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	BSES Limited
Agent:	N/A
Telephone:	0749636805
Fax:	0738710383

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Wedding Bush *(Ricinocarpos tuberculatus)*

Variety:	'RicpenGL'
Synonym:	N/A
Application no:	2007/252
Current status:	ACCEPTED
Certificate no:	N/A
Received:	21-Sep-2007
Accepted:	25-Oct-2007
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	George A Lullfitz
Agent:	N/A
Telephone:	0894051607
Fax:	0893062933

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Wheat *(Triticum aestivum)*

Variety:	'Elmore CL Plus'
Synonym:	N/A
Application no:	2011/210
Current status:	ACCEPTED
Certificate no:	N/A
Received:	12-Sep-2011
Accepted:	18-Oct-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Australian Grain Technologies Pty Ltd
Agent:	N/A
Telephone:	0883036861
Fax:	0883036865

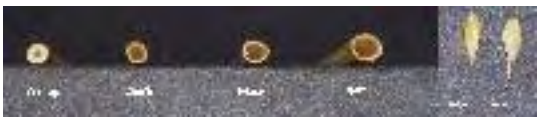
View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Wheat *(Triticum aestivum)*

Variety:	'Wallup'
Synonym:	N/A
Application no:	2011/208
Current status:	ACCEPTED
Certificate no:	N/A
Received:	12-Sep-2011
Accepted:	18-Oct-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Australian Grain Technologies Pty Ltd
Agent:	N/A
Telephone:	0883036861
Fax:	0883036865

View the detailed description of this variety.



Plant Varieties Journal - Search Result Details

Wheat *(Triticum aestivum)*

Variety:	'Corack'
Synonym:	N/A
Application no:	2011/207
Current status:	ACCEPTED
Certificate no:	N/A
Received:	12-Sep-2011
Accepted:	18-Oct-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Australian Grain Technologies Pty Ltd
Agent:	N/A
Telephone:	0883036861
Fax:	0883036865

View the detailed description of this variety.


CORACK
WYALKATCHEM
SILVERSTAR A
CORACK
SILVERSTAR A
CORACK
WYALKATCHEM

Plant Varieties Journal - Search Result Details

Wheat *(Triticum aestivum)*

Variety:	'Suntop'
Synonym:	N/A
Application no:	2011/205
Current status:	ACCEPTED
Certificate no:	N/A
Received:	12-Sep-2011
Accepted:	18-Oct-2011
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	Australian Grain Technologies Pty Ltd
Agent:	N/A
Telephone:	0883036861
Fax:	0883036865

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

Willow Myrtle *(Agonis flexuosa)*

Variety:	'LemLimeGL'
Synonym:	N/A
Application no:	2010/183
Current status:	ACCEPTED
Certificate no:	N/A
Received:	05-Aug-2010
Accepted:	11-Oct-2010
Granted:	N/A
Description published in Plant Varieties Journal:	Volume 24, Issue 4
Title Holder:	George A Lullfitz
Agent:	N/A
Telephone:	0894051607
Fax:	0893062933

View the detailed description of this variety.

Details of Application

Application Number	2011/255
Variety Name	'Blue Carpet'
Genus Species	*Billardiera heterophylla*
Common Name	Bluebell Creeper
Synonym	
Accepted Date	03 Jan 2012
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway Muchea WA
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Jun 2011 – Jan 2012
Conditions	Potted into 200mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50km north of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Observations were made on all plants. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: In May 2007 a seedling selection was made of a flat growing plant from within a seedling batch of the common form of *Billardiera heterophylla* grown as nursery production stock at Muchea, WA. Since then it has been propagated several times and has been uniform and stable for the characters it was selected. Breeder: George A. Lullfitz.

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

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

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Common form	The common form is the nearest VCK. Named cultivars are flower colour variants not habit selections.

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

	Organ/Plant Part: Context	'Blue Carpet'	Common form
☑	Plant: type	groundcover	climber
☑	Plant: growth habit	spreading	climber
☑	Plant: height	very short	medium
☐	Stem: thorns, prickles, spines etc	absent	absent
☐	Stem: presence of hairs	absent	absent
☐	Stem: presence of anthocyanin in new growth	present	present
☐	Young shoot: anthocyanin colouration	weak	weak
☐	Leaf: leaf type	simple	simple
☐	Leaf: size	medium	medium
☐	Leaf: attitude	erect	semi-erect
☐	Leaf: arrangement	alternate	alternate
☐	Leaf: length of blade	medium	medium
☐	Leaf: width of blade	medium	medium
☐	Leaf: length of petiole	very short	very short
☐	Leaf: shape	elliptic	elliptic
☐	Leaf: shape of apex	acute	acute
☐	Leaf: shape of base	cuneate	cuneate
☐	Leaf: incision of margin	absent	absent
☐	Leaf: undulation of the margin	very weak	very weak
☑	Leaf: shape of cross-section	concave	flat
☑	Leaf: curvature of longitudinal axis	recurved	straight
☑	Leaf: glossiness of upper side	strong	medium
☐	Leaf: green colour	medium to dark	light to medium
☐	Leaf: presence of variegation	absent	absent
☐	Flower: colour	blue	blue

Prior Applications and Sales

First sold in Australia 1st September 2011 under the name 'Blue Carpet'

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

Details of Application

Application Number	2011/129
Variety Name	'Balvoyelo'
Genus Species	*Osteospermum ecklonis*
Common Name	Cape Daisy
Synonym	Nil
Accepted Date	15 Aug 2011
Applicant	Ball Horticultural Company, West Chicago, Illinois, USA
Agent	Ball Australia Pty. Ltd., Keysborough, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	Canadian Food Inspection Agency
Overseas Data Reference Number	09-6554
Location	St Thomas, Ontario, Canada
Descriptor	Osteospermum (new) TG/176/4
Period	Spring 2010
Conditions	Trials for 'Balvoyelo' were conducted in a polyhouse during the spring of 2010 at Bioflora Inc. in St. Thomas, Ontario. The trial included a total of fifteen plants of the candidate and reference varieties. Rooted cuttings were transplanted into 11 cm pots on Apr 28, 2010. Observations and measurements were taken from ten plants or parts of plants on Jun 9, 2010. Overseas data was verified in local condition at Keysborough, VIC in Nov 2011.
Trial Design	Ten plants in block design
Measurements	All measurements have been taken using UPOV technical guideline.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination followed by seedling selection: the female (seed) parent is the proprietary *Osteospermum ecklonis* breeding selection designated 10512-1, not patented, characterized by its light yellow-coloured flowers, medium green-coloured foliage, and moderately vigorous, upright growth habit. The male (pollen) parent is the proprietary *Osteospermum ecklonis* breeding selection designated 10013-1, not patented, characterized by its bright yellow-coloured flowers, medium green-coloured foliage, and moderately vigorous, trailing growth habit. Breeder Linda Laughner, Santa Paula, California USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	attitude of shoots	semi-erect
Leaf	variegation	absent
Flower	colour	yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Seikilrem’	Syn Symphony Lemon.

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

Organ/Plant Part: Context	‘Balvoyelo’	‘Seikilrem’
☐ *Plant: attitude of shoots	semi-erect	semi-erect
☐ Leaf: indentation of margin	shallow	shallow
☐ *Leaf: variegation	absent	absent
☐ Leaf: intensity of green colour of upper side	medium	medium
☑ Young flower head: main colour of upper side of ray floret (RHS Colour Chart)	6A	13C with streaks of 11C
☐ *Flower head: paracorolla	absent	absent
☑ Ray floret: shape of apex (excluding incisions)	rounded	acute
☐ *Ray floret: inward rolling of longitudinal margins	absent on all flowers	absent on all flowers
☑ *Ray floret: main colour on upper side (RHS Colour Chart)	5A	11A with streaks of 13C
☐ Disc: diameter	small to medium	medium
☑ *Disc: colour	yellow green	dark grey

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2009	Granted	‘Balvoyelo’
EU	2009	Granted	‘Balvoyelo’
USA	2009	Granted	‘Balvoyelo’

First sold in USA in January 2009 and in Australia in March 2011.

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

Details of Application

Application Number	2007/249
Variety Name	'HuegflatGL'
Genus Species	*Melaleuca huegelii*
Common Name	Chenille Honeymyrtle
Synonym	
Accepted Date	24 Oct 2007
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Hwy, MUCHEA, WA
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Aug 2010 to Jan 2012
Conditions	Potted into 300mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50km north of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Observations were made on all plants. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: 'HuegflatGL' is a selection of an atypical, flat growing plant from within a seedling batch of the common form of *Melaleuca huegelii* grown as nursery production stock at Muchea, WA. Between Jun 2003 when the observations were first made and Aug 2005 eight (8) cutting generations were taken and no off types were observed. Breeder: George A. Lullfitz.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	width	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Common form	There are no cultivars of *Melaleuca huegelii* so cutting grown plants from a typical seedling were used in the DUS trial.

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

Organ/Plant Part: Context	'HuegflatGL'	Common form
☑ Plant: type	groundcover	shrub
☑ Plant: growth habit	spreading	bushy
☑ Plant: height	very short	medium to tall
☐ Plant: width	medium	medium
☐ Stem: thorns, prickles, spines etc	absent	absent
☐ Stem: presence of hairs	absent	absent
☐ Stem: presence of anthocyanin in new growth	absent	absent
☐ Leaf: leaf type	simple	simple
☑ Leaf: size	medium	small
☐ Leaf: attitude	erect	erect
☐ Leaf: arrangement	opposite and decussate	opposite and decussate
☐ Leaf: length of blade	very short	very short
☑ Leaf: width of blade	broad to very broad	narrow
☐ Leaf: shape	ovate	ovate
☐ Leaf: shape of apex	acuminate	acuminate
☑ Leaf: shape of base	auriculate	truncate
☐ Leaf: incision of margin	absent	absent
☐ Leaf: undulation of the margin	very weak	very weak
☐ Leaf: shape of cross-section	flat	flat
☐ Leaf: curvature of longitudinal axis	straight	straight
☐ Leaf: glossiness of upper side	medium	medium
☐ Leaf: green colour	medium	medium
☐ Leaf: presence of variegation	absent	absent

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2011/201
Variety Name	'PBA Boundary'
Genus Species	*Cicer arietinum*
Common Name	Chickpea
Synonym	Nil
Accepted Date	30 Sep 2011
Applicant	Department of Primary Industries for and on behalf of the State of NSW, Orange, Grains Research and Development Corporation, Barton ACT, Agriculture Victoria Services Pty Ltd, Atwood, VIC, Minister for Agriculture and Fisheries as represented by the SARDI, Adelaide, SA, and Department of Employment, Economic Development and Innovation, Brisbane, QLD.
Agent	N/A
Qualified Person	Antonio Leonforte

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Chickpea (new) (*Cicer arietinum*) TG/143/4
Period	Jun to Dec 2011.
Conditions	The DUS experiment was sown on Wimmera grey cracking clay soil in early Jun. Conditions were favourable for plant growth and were typical of chickpea crop production in southern Australia. The trial was managed to control insect and foliar diseases.
Trial Design	Field trial: Randomised complete block design with 3 replicates, 3 rows wide with 20 plants per replicate
Measurements	Nodes to first flowering node, plant height.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'PBA Boundary' is derived from controlled pollination of 'Jimbour' x ICC3996 followed by single seed descent (F1-F4). The F5 generation line was tested in an Ascochyta screening nursery at Tamworth in the year 2000 and classed as resistant. The line was included in yield trials from 2001 in northern NSW and southern QLD and in southern NSW from 2005. Pedigree seed was produced from a composite of 32 single plants (F9) derived progeny having uniform plant type, maturity and seed characteristics. 'PBA Boundary' was bred by Pulse Breeding 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
Plant	ramification	medium
Seed	colour	brown
Seed	weight	medium
Seed	shape	angular
Foliage	intensity of green colour	medium to dark
Time of	dry seed maturity	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PBA Hatrick'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Flipper'	Disease resistance to *Ascochyta rabiei*	resistance	present	absent
'Flipper'	Foliage	intensity of green colour	dark	medium
'Genesis 509'	Seed	weight	medium	low
'Genesis 510'	Seed	weight	medium	low
'Kaniva'	Stem	anthocyanin	present	absent
Kyabra	Ascochyta blight	resistance	resistant	susceptible
Yorker	Ascochyta blight	resistance	resistant	susceptible
Moti	Ascochyta blight	resistance	resistant	susceptible
Amethyst	Ascochyta blight	resistance	resistant	susceptible

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

Organ/Plant Part: Context	'PBA Boundary'	'PBA Hatrick'
☐ Plant: habit (after flowering)	erect to semi-erect	semi-erect
☐ Plant: ramification	medium	medium
☑ *Plant: height (when pods fully developed)	tall	medium
☐ *Foliage: intensity of green colour	medium to dark	medium to dark
☐ *Leaflet: size	medium	medium
☐ *Flower: colour	purplish pink	purplish pink
☐ *Pod: peduncle length	medium	medium
☐ *Pod: size	medium	medium
☐ Pod: intensity of green colour	medium to dark	medium to dark
☐ *Pod: number of seeds	predominantly two	predominantly two
☐ *Seed: colour (1 month after harvest)	brown	brown
☐ Seed: intensity of color (as for 13)	medium	medium
☐ *Seed: weight	medium	medium
☐ *Seed: shape	angular	angular
☐ *Seed: ribbing	medium	medium
☑ *Time of: flowering (80% of plants with at least one flower)	late	medium

☐ *Time of: dry seed maturity	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PBA Boundary'	'PBA Hatrick'
☑ Resistance to: *Ascochyta rabiei*	resistant	moderately resistant
☑ Resistance to: *Phytophthora* root rot	moderately susceptible	moderately resistant

Statistical Table

Organ/Plant Part: Context	'PBA Boundary'	'PBA Hatrick'
☑ Stem: number of nodes to first reprductive node		
Mean	14.60	11.60
Std. Deviation	1.50	1.30
LSD/sig	P <0.01	P≤0.01
☑ Plant: height (when pods fully developed) (cm)		
Mean	48.00	40.20
Std. Deviation	1.60	2.70
LSD/sig	P <0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/255
Variety Name	'Tjilkuri'
Genus Species	*Triticum turgidum* subsp. *durum*
Common Name	Durum Wheat
Synonym	Nil
Accepted Date	20 Jan 2011
Applicant	Adelaide Research & Innovation Pty Ltd, Adelaide, SA and Grains Research Development Corporation, Barton, ACT
Agent	Adelaide Research & Innovation Pty Ltd
Qualified Person	Gil Hollamby

Details of Comparative Trial

Location	Roseworthy, SA (with a back up trial in Mintaro, SA)
Descriptor	Durum Wheat (*Triticum durum*) TG/120/3
Period	2011
Conditions	A comparative trial was sown on the Roseworthy Campus, the University of Adelaide on 26 May 2011 together with 95kg DAP plus 2.5% zinc. The area was sown to lentils in 2010. Herbicides Roundup™ (1.2L/ha), Boxer Gold™ (2.5L), Striker™ (100ml) and Avadex™ (1.8L) and Imidan™ (300ml) were applied pre-seeding for weed and pest control. Post seeding weed, disease and pest control was achieved by spraying Ally™ (5g), MCPAagrictone™ 750 (330ml), Lontrel™ (100ml), Dimethoate (100ml), Topik™ (85ml), Prosaro™ (300ml) and Hasten™ at various times. Although growing season rainfall was below average the preceding summer was very wet so the soil was wet to below the root zone. The trial grew well and was disease free. There was a fertility trend within replicates and this made for larger differences needed for significance than usual. A second trial was sown at Mintaro SA on 2nd Jun 2011 with 90kg/ha DAP (+2% zinc) and 55kg/ha urea. In 2010 the area was an oats and vetch mixture cut for hay. Pre-emergent herbicides were applied on 19th Mar, 2L Power Max™ + 200ml Striker™, and on 2nd Jun 2.5L Boxer Gold™, 2.5L Avadex Xtra™, 100ml Striker™, 1L Power Max™. Post emergent chemical applications were applied for weed, insect and fungal disease control when needed and included dimethoate (insecticide), Atlantis™ (herbicide), Precept™ (herbicide) and Prosaro™ (fungicide). A total of 76 units of N was applied as Easy N™ fertiliser over 2 applications. This trial grew without any stress and the whole trial was very even.
Trial Design	In all there were 12 varieties and lines planted as a randomised block design of three blocks. Each block consisted of 3 plots in each of 4 ranges. There were approximately 700 plants per plot.
Measurements	Quantitative characters were measured on 5 or 10 randomly selected primary tillers from each plot. Statistical analyses were performed using GENSTAT software. The Statistical data is presented from Roseworthy trial.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: In Jan 2003 a cross was made between using the fixed line "Brnd*Y#DurAY/2" (pedigree 'Brindur'/3/'Yallaroi'*2//'DurA'/'Yallaroi') as the maternal parent and the fixed line "R875LYT" (pedigree 'RAC875'/'Kalka'//'Tamaroi') as the paternal parent. In Sep 2003, F1 plants from the above-mentioned cross (i.e., pedigree 'Brindur'/3/'Yallaroi'*2//'DurA'/'Yallaroi'/4/'RAC875'/'Kalka'//'Tamaroi') were used as the maternal parent in a topcross with the fixed line "LY#Tm" (pedigree 'Linghzi'/'Yallaroi'//'Tamaroi'/3/'Lingzhi'/'Yallaroi') as the paternal parent. Topcross-F1 and topcross-F2 generations were grown in 2004 at the Waite Campus. Bulked progeny were grown in plots in 2005 (F2:3, 1 location), 2006 (F2:4, 6 locations, as '53188') and 2007 (F2:5, 8 locations, as '53188') with selection based on grain yield. A selected line was entered into National Variety Trials as "WID801". WID801 was evaluated in 2008 and 2009 in National Variety Trials and at 8 other locations in each year. The full pedigree of the variety is 'Brindur''/3/Yallaroi'*2// 'DurA'/'Yallaroi'/4/'RAC875'/'Kalka'//'Tamaroi'/3/'Lingzhi'/'Yallaroi'.

Breeder: Anthony J Rathjen and David Cooper, The University of Adelaide, Glen Osmond, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Ear	glume colour at maturity	white
Plant	season type	spring
Ear	extent of awnedness	fully awned

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tamaroi'	Has dark awns at maturity on most occasions.
'Hyperno'	Competitor variety in commerce.
'Kalka'	In parentage.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Bellaroi'	Grain glutenins	Allele expression at Glu-B2	band a	band b

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

Organ/Plant Part: Context	'Tjilkuri'	'Hyperno'	'Kalka'	'Tamaroi'
☑ *Plant: growth habit	semi-erect	intermediate	semi-erect	intermediate
☐ *Time of: ear emergence	early to medium	early to medium	early	early
☑ *Flag leaf: glaucosity of sheath	very strong	very strong	medium to strong	strong
☐ *Flag leaf: glaucosity of blade	weak to medium	weak to medium	medium to strong	weak
☐ Awn: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak	absent or very weak

☑ Culm: hairiness of uppermost node	medium	medium	absent or very weak	strong
☐ *Culm: glaucosity of neck	strong	strong	medium to strong	medium
☐ *Ear: glaucosity	medium to strong	strong	medium	medium to strong
☐ *Plant: length	short to medium	medium	medium	medium
☐ Ear: distribution of awns	whole length	whole length	whole length	whole length
☐ *Awns at tip of ear: length in relation to ear	longer	longer	shorter	equal
☐ Lower glume: shape	elongated	elongated	elongated	elongated
☑ Lower glume: shape of shoulder	sloping	straight	straight	elevated
☑ Lower glume: shoulder width	very narrow	narrow	very narrow	medium
☐ *Lower glume: length of beak	short	short	short	short
☐ Lower glume: shape of beak	straight	slightly curved	slightly curved	slightly curved
☐ *Lower glume: hairiness on external surface	absent	absent	absent	absent
☐ *Straw: pith in cross section	thin	thin	thin to medium	medium
☑ *Ear: length excluding awns	short to medium	medium	long	medium
☐ *Ear: colour at maturity	white	white	white	white
☐ Ear: shape in profile view	parallel sided	parallel sided	tapering	parallel sided
☐ *Ear: density	dense	medium to dense	medium	medium
☐ Grain: shape	semi-elongated	elongated	ovoid to semi-elongated	semi-elongated
☐ Grain: length of brush hair in dorsal view	very short	short	short	very short
☐ *Grain: colouration with phenol	nil or very light	nil or very light	nil or very light	nil or very light
☐ *Season: type	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'Tjilkuri'**	**'Hyperno'**	**'Kalka'**	**'Tamaroi'**
☑ Plant: ear attitude (at maturity)	mostly erect	mostly erect	mostly erect	mostly semi-erect
☐ Grain glutenins: allele expression at locus Glu-A1	null			null
☑ Grain glutenins: allele expression at locus Glu-B1	bands 7+8			bands 6+8
☐ Grain glutenin composition: allele expression at locus Glu-B2	band a			band a

Statistical Table

Organ/Plant Part: Context	'Tjilkuri'	'Hyperno'	'Kalka'	'Tamaroi'
☑ Flag leaf: blade length (mm)				
Mean	277.90	247.50	262.30	230.20
Std. Deviation	31.20	12.20	36.60	31.30
LSD/sig	42.8	ns	ns	P≤0.01
☐ Flag leaf: blade width (mm)				
Mean	18.00	17.30	16.40	17.30
Std. Deviation	1.17	1.54	1.63	1.75
LSD/sig	2.2	ns	ns	ns
☑ Plant: time of ear emergence (Julian days)				
Mean	261.00	258.70	257.70	255.70
Std. Deviation	1.00	0.58	1.15	1.15
LSD/sig	1.5	P≤0.01	P≤0.01	P≤0.01
☐ Plant: height including awns (cm)				
Mean	82.80	90.10	87.10	85.90
Std. Deviation	3.35	3.51	5.30	4.58
LSD/sig	13.1	ns	ns	ns
☑ Ear: length excluding awns (mm)				
Mean	72.30	78.80	81.10	77.10
Std. Deviation	4.79	9.40	9.84	8.70
LSD/sig	8.7	ns	P≤0.01	ns
☑ Ear: rachis internode length (mm)				
Mean	3.28	3.84	4.01	3.81
Std. Deviation	0.17	0.17	0.26	0.28
LSD/sig	0.24	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description**: Gil Hollamby**, Williamstown, SA.

Details of Application

Application Number	2011/231
Variety Name	'WID802'
Genus Species	*Triticum turgidum* subsp. *durum*
Common Name	Durum Wheat
Synonym	Nil
Accepted Date	12 Jan 2012
Applicant	Adelaide Research & Innovation Pty Ltd, Adelaide, SA
Agent	N/A
Qualified Person	Gil Hollamby

Details of Comparative Trial

Location	Roseworthy, SA (with a back up trial in Mintaro, SA)
Descriptor	Durum Wheat (*Triticum durum*) TG/120/3
Period	2011
Conditions	A comparative trial was sown on the Roseworthy Campus, the University of Adelaide on 26 May 2011 together with 95kg DAP plus 2.5% zinc. The area was sown to lentils in 2010. Herbicides Roundup™ (1.2L/ha), Boxer Gold™ (2.5L), Striker™ (100ml) and Avadex™ (1.8L) and Imidan™ (300ml) were applied pre-seeding for weed and pest control. Post seeding weed, disease and pest control was achieved by spraying Ally™ (5g), MCPAagrictone 750™ (330ml), Lontrel™ (100ml), Dimethoate™ (100ml), Topik™ (85ml), Prosaro™ (300ml) and Hasten™ at various times. Although growing season rainfall was below average the preceding summer was very wet so the soil was wet to below the root zone. The trial grew well and was disease free. There was a fertility trend within replicates and this made for larger differences needed for significance than usual. A second trial was sown at Mintaro SA on 2nd Jun 2011 with 90kg/ha DAP (+2% zinc) and 55kg/ha urea. In 2010 the area was an oats and vetch mixture cut for hay. Pre-emergent herbicides were applied on 19th Mar, 2L Power Max™ + 200ml Striker™, and on 2nd Jun 2.5L Boxer Gold™, 2.5L Avadex™ Xtra, 100ml Striker™, 1L Power Max™. Post emergent chemical applications were applied for weed, insect and fungal disease control when needed and included dimethoate (insecticide), Atlantis™ (herbicide), Precept™ (herbicide) and Prosaro™ (fungicide). A total of 76 units of N was applied as Easy N fertiliser over 2 applications. This trial grew without any stress and the whole trial was very even.
Trial Design	In all there were 12 varieties and lines planted as a randomised block design of three blocks. Each block consisted of 3 plots in each of 4 ranges. There were approximately 700 plants per plot. Seed of generation 1 was aged resulting in low plant establishment. Consequently individual plants were more luxuriant. Comparisons between generation 1 and generation 2 are affected.
Measurements	Quantitative characters were measured on 5 or 10 randomly selected primary tillers from each plot. Statistical analyses were performed using GENSTAT software. The Statistical data is presented from Roseworthy trial.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: In Jan 2003 a cross was made between the fixed line 'SyrYTLYD' (pedigree 'Syrica-1'/'Yallaroi'//'Tamaroi'/'Lingzhi'/'Yallaroi'*2) as the maternal parent and the fixed line 'R875LYT' (pedigree 'RAC875'/'Kalka'//'Tamaroi') as the paternal parent. In Sep 2003, an F1 plant from the above-mentioned cross (that is, pedigree 'Syrica-1'/'Yallaroi'//'Tamaroi'/'Lingzhi'/'Yallaroi'*2///'RAC875'/'Kalka'//'Tamaroi') was used as the maternal parent in a top-cross with the fixed line (LY#Tm' (pedigree: 'Lingzhi'/'Yallaroi'//'Tamaroi'///'Lingzhi'/'Yallaroi') as the paternal parent. Top-cross F1 and top-cross F2 generations were grown in the birdcage at the Waite Campus in 2004. Bulked progeny were grown in plots in 2005 (F2:3, 1 location), 2006 (F2:4, 6 locations, as plot 53280), 2007 (F2:5, 8 locations, as plots 51296 and 51363), and 2008 (F2:6, 8 locations, as plots 51223, 51410, 51051, 51149, 51357) with selections based on grain yield. Since 2008, WID802 has been grown in National Variety Trials (NVT) and evaluated across an additional 24 advanced yield trials in the University of Adelaide durum breeding program. The full pedigree of the variety is: 'Syrica-1'/ 'Yallaroi'//'Tamaroi'/'Lingzhi'/'Yallaroi'*2///'RAC875'/'Kalka'//'Tamaroi'//// 'Lingzhi'/'Yallaroi'//'Tamaroi'///'Lingzhi'/'Yallaroi'. Breeder: Anthony J Rathjen and David Cooper, The University of Adelaide, Glen Osmond, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Ear	glume colour at maturity	white
Plant	season type	spring
Ear	degree of awnedness	fully awned

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kalka'	In pedigree.
'Hyperno'	Commercial competitor.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Bellaroi'	Grain glutenins	allele expression at Glu-B2	band a	band b
'Tjilkuri'	Ear	density	medium	dense
'Tjilkuri'	Grain glutenins	allele expression at locus Glu-B1	bands 6+8	bands 7+8

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

Organ/Plant Part: Context	'WID802'	'Hyperno'	'Kalka'
☑ *Plant: growth habit	intermediate	intermediate	semi-erect
☑ *Flag leaf: glaucosity of sheath	very strong	very strong	medium to strong
☐ *Flag leaf: glaucosity of blade	weak to medium	weak to medium	weak
☐ Awn: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak

☑ Culm: hairiness of uppermost node	absent or very weak	medium	absent or very weak
☑ *Culm: glaucosity of neck	strong to very strong	strong	medium to strong
☐ *Ear: glaucosity	strong	strong	medium to strong
☐ *Plant: length	short to medium	medium	medium
☐ Ear: distribution of awns	whole length	whole length	whole length
☐ *Awns at tip of ear: length in relation to ear	equal	longer	longer
☐ Lower glume: shape	elongated	elongated	strongly elongated
☑ Lower glume: shape of shoulder	sloping	straight	straight
☐ Lower glume: shoulder width	very narrow to narrow	narrow	narrow
☐ *Lower glume: length of beak	short	short	short
☐ Lower glume: shape of beak	straight	slightly curved	slightly curved
☐ *Lower glume: hairiness on external surface	absent	absent	absent
☐ *Straw: pith in cross section	thin	thin	thin to medium
☑ *Ear: length excluding awns	medium	medium	long
☐ *Ear: colour at maturity	white	white	white
☐ Ear: shape in profile view	tapering	parallel sided	tapering
☐ *Ear: density	medium	medium to dense	lax to medium
☐ Grain: shape	elongated	elongated	semi-elongated
☐ Grain: length of brush hair in dorsal view	very short	short	very short to short
☐ *Grain: colouration with phenol	nil or very light	nil or very light	nil or very light
☐ *Season: type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'WID802'**	**'Hyperno'**	**'Kalka'**
☐ Plant: ear attitude (at maturity)	mostly erect	mostly erect	mostly erect
☐ Grain glutenins: allele expression at locus Glu-A1	null		
☐ Grain glutenins: allele expression at locus Glu-B1	bands 6+8		
☐ Grain glutenin composition: allele expression at locus Glu-B2	band a		

Statistical Table

Organ/Plant Part: Context	**'WID802'**	**'Hyperno'**	**'Kalka'**
☐ Flag leaf: blade length (mm)			
Mean	230.90	247.50	262.30
Std. Deviation	13.60	12.20	36.60
LSD/sig	42.8	ns	ns
☐ Flag leaf: blade width (mm)			
Mean	16.80	17.30	16.40
Std. Deviation	1.64	1.54	1.63
LSD/sig	2.2	ns	ns
☐ Plant: time of ear emergence (Julian days)			
Mean	257.30	258.70	257.70
Std. Deviation	0.58	0.58	1.15
LSD/sig	1.5	ns	ns
☐ Plant: height including awns (cm)			
Mean	85.20	90.10	87.10
Std. Deviation	2.81	3.51	5.30
LSD/sig	13.1	ns	ns
☑ Ear: length excluding awns (mm)			
Mean	77.00	81.00	83.50
Std. Deviation	10.30	9.49	9.83
LSD/sig	5.7	ns	P≤0.01
☑ Ear: rachis internode length (mm)			
Mean	3.63	3.84	4.01
Std. Deviation	0.24	0.17	0.26
LSD/sig	0.24	ns	P≤0.01
☑ Ear: awn extension beyond terminal spikelet (mm)			
Mean	87.90	107.40	108.70
Std. Deviation	8.17	8.60	9.80
LSD/sig	10.2	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description**: Gil Hollamby**, Williamstown, SA.

Details of Application

Application Number	2011/232
Variety Name	'Yawa'
Genus Species	*Triticum turgidum* subsp. *durum*
Common Name	Durum Wheat
Synonym	Nil
Accepted Date	04 Jan 2012
Applicant	Adelaide Research & Innovation Pty Ltd, Adelaide, SA
Agent	N/A
Qualified Person	Gil Hollamby

Details of Comparative Trial

Location	Roseworthy, SA (with a back up trial in Mintaro, SA)
Descriptor	Durum Wheat (*Triticum durum*) TG/120/3
Period	2011
Conditions	A comparative trial was sown on the Roseworthy Campus, the University of Adelaide on 26 May 2011 together with 95kg DAP plus 2.5% zinc. The area was sown to lentils in 2010. Herbicides Roundup™ (1.2L/ha), Boxer Gold™ (2.5L), Striker™ (100ml) and Avadex™ (1.8L) and Imidan™ (300ml) were applied pre-seeding for weed and pest control. Post seeding weed, disease and pest control was achieved by spraying Ally™ (5g), MCPAagrictone™ 750 (330ml), Lontrel™ (100ml), Dimethoate™ (100ml), Topik™ (85ml), Prosaro™ (300ml) and Hasten™ at various times. Although growing season rainfall was below average the preceding summer was very wet so the soil was wet to below the root zone. The trial grew well and was disease free. There was a fertility trend within replicates and this made for larger differences needed for significance than usual. A second trial was sown at Mintaro SA on 2nd Jun 2011 with 90kg/ha DAP (+2% zinc) and 55kg/ha urea. In 2010 the area was an oats and vetch mixture cut for hay. Pre-emergent herbicides were applied on 19 Mar, 2L Power Max™ + 200ml Striker™, and on 2nd Jun 2.5L Boxer Gold™, 2.5L Avadex Xtra™, 100ml Striker™, 1L Power Max™. Post emergent chemical applications were applied for weed, insect and fungal disease control when needed and included dimethoate (insecticide), Atlantis™ (herbicide), Precept™ (herbicide) and Prosaro™ (fungicide). A total of 76 units of N was applied as Easy N fertiliser over 2 applications. This trial grew without any stress and the whole trial was very even.
Trial Design	In all there were 12 varieties and lines planted as a randomised block design of three blocks. Each block consisted of 3 plots in each of 4 ranges. There were approximately 700 plants per plot.
Measurements	Quantitative characters were measured on 5 or 10 randomly selected primary tillers from each plot. Statistical analyses were performed using GENSTAT software. The Statistical data is presented from Roseworthy trial.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: In Jan 2003 a cross was made between the fixed line 'WtLYLYT' (pedigree 'Westonia'/'Kalka'//'Kalka'/'Tamaroi') derivative (that was screened as boron tolerant BT)) as the maternal parent and the fixed line 'R875LYT' (pedigree 'RAC875'/'Kalka'//'Tamaroi') as the paternal parent. In the winter of 2003, the F1 was planted in the birdcage at Waite Campus. In 2004, F2 heads were selected and F3 head-hills (F2:3) were planted over the summer of 2004/2005. Selections from this were bulked (F2:4) and grown in plots in 2005 (as 58233; which was one of nine selected entries), 2006 (F2:5, 6 locations, as 53380, which was one of four selected entries), 2007 (F2:6, 8 locations, as 51194) and 2008 (F2:7, 8 locations) with selection based on grain yield. The selected line was also entered into the National Variety Trials (NVT) as WID803. WID803 has been evaluated in these trials (2008-2011 inclusive), and since 2006 has been evaluated in 46 advanced yield trials of the durum breeding program at the University of Adelaide. The full pedigree of the variety is: 'Westonia'/'Kalka'//'Kalka'/'Tamaroi'///'RAC875'/'Kalka'//'Tamaroi'.

Breeder: Anthony J Rathjen and David Cooper, The University of Adelaide, Glen Osmond, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Ear	degree of awnedness	fully awned
Ear	glume colour at maturity	white
Plant	season type	spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kalka'	In parentage.
'Hyperno'	Commercial competitor.
'WID802'	New variety, similar parentage.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Tjilkuri'	Awns at tip of ear	length in relation to ear	shorter	longer
'Bellaroi'	Grain glutenins	allele expression at Glu-B2	band a	band b

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

Organ/Plant Part: Context	'Yawa'	'Hyperno'	'Kalka'	'WID802'
☑ *Plant: growth habit	intermediate	intermediate	semi-erect	intermediate
☑ *Flag leaf: glaucosity of sheath	very strong	very strong	medium to strong	very strong
☐ *Flag leaf: glaucosity of blade	medium	weak to medium	weak	weak to medium
☐ Awn: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak	absent or very weak

☑ Culm: hairiness of uppermost node	weak to medium	medium	absent or very weak	absent or very weak
☐ *Culm: glaucosity of neck	strong	strong	medium to strong	strong to very strong
☐ *Ear: glaucosity	medium to strong	strong	medium to strong	strong
☐ Ear: distribution of awns	whole length	whole length	whole length	whole length
☑ *Awns at tip of ear: length in relation to ear	shorter	longer	longer	equal
☐ Lower glume: shape	elongated	elongated	strongly elongated	elongated
☑ Lower glume: shape of shoulder	sloping	straight	straight	sloping
☐ Lower glume: shoulder width	very narrow	narrow	narrow	very narrow to narrow
☐ *Lower glume: length of beak	short	short	short	short
☐ Lower glume: shape of beak	slightly curved	slightly curved	slightly curved	straight
☐ *Lower glume: hairiness on external surface	absent	absent	absent	absent
☐ *Straw: pith in cross section	thin	thin	thin to medium	thin
☐ *Ear: colour at maturity	white	white	white	white
☐ Ear: shape in profile view	parallel sided	parallel sided	tapering	tapering
☑ *Ear: density	medium to dense	medium to dense	lax to medium	medium
☐ Grain: shape	semi-elongated	elongated	semi-elongated	elongated
☐ Grain: length of brush hair in dorsal view	very short	short	very short to short	very short
☐ *Grain: colouration with phenol	nil or very light	nil or very light	nil or very light	nil or very light
☐ *Season: type	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Yawa'	'Hyperno'	'Kalka'	'WID802'
☐ Plant: ear attitude (at maturity)	mostly erect	mostly erect	mostly erect	mostly erect
☐ Grain glutenins: allele expression at locus Glu-A1	null			null
☑ Grain glutenins: allele expression at locus Glu-B1	bands 7+8			bands 6+8
☐ Grain glutenin composition: allele expression at locus Glu-B2	band a			band a

Statistical Table

Organ/Plant Part: Context	'Yawa'	'Hyperno'	'Kalka'	'WID802'
☐ Flag leaf: blade length (mm)				
Mean	223.40	247.50	262.30	230.90
Std. Deviation	26.40	12.20	36.60	13.60
LSD/sig	42.8	ns	ns	ns
☐ Flag leaf: blade width (mm)				
Mean	16.80	17.30	16.40	16.80
Std. Deviation	1.80	1.54	1.63	1.64
LSD/sig	2.2	ns	ns	ns
☑ Plant: time of ear emergence (Julian days)				
Mean	260.30	258.70	257.70	257.30
Std. Deviation	0.58	0.58	1.15	0.58
LSD/sig	1.5	ns	P≤0.01	P≤0.01
☐ Plant: height including awns (cm)				
Mean	89.20	90.10	87.10	85.20
Std. Deviation	3.24	3.51	5.30	2.81
LSD/sig	8.7	ns	ns	ns
☐ Ear: length excluding awns (mm)				
Mean	79.10	81.00	83.50	77.00
Std. Deviation	7.00	9.49	9.84	10.30
LSD/sig	8.7	ns	ns	ns
☑ Ear: rachis internode length (mm)				
Mean	3.33	3.84	4.01	3.63
Std. Deviation	0.13	0.17	0.26	0.24
LSD/sig	0.24	P≤0.01	P≤0.01	P≤0.01
☑ Ear: awn extension beyond terminal spikelet (mm)				
Mean	81.00	107.40	108.70	87.90
Std. Deviation	8.17	8.60	9.80	8.17
LSD/sig	10.2	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Nil.

Description**: Gil Hollamby**, Williamstown, SA.

Details of Application

Application Number	2011/197
Variety Name	'IX114/1-16'
Genus Species	*Vicia faba*
Common Name	Field Bean
Synonym	Nil
Accepted Date	20 Oct 2011
Applicant	Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research & Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Abdus Sadeque

Details of Comparative Trial

Location	Plant Breeding Institute, University of Sydney, Narrabri, NSW
Descriptor	Field Bean (*Vicia faba*) TG/8/6
Period	Apr 2011 – Nov 2011
Conditions	Seed were sown in plots of 10m x 4m in four row configuration under no-till condition. Plots were irrigated with sprinkler system. Disease and insect were controlled with recommended pesticides. Overall growth of plants was satisfactory.
Trial Design	Randomised Complete Block Design with three replicates.
Measurements	Measurements were made on plant height, seed length and width rust (*Uromyces viciae-fabae*) scoring in 1-9 scale. Visual observations were done in accordance with UPOV TG.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'IX114/1-16' is an F_2 single plant selection from a cross between lines SP99046 and SP99081 made in winter 2002 at ACRI, Narrabri. Both parental lines were selected for early flowering, rust resistance and good agronomic potential and maintained at ACRI. After four generations of selfing and evaluation for rust, 'IX114/1-16' was included in preliminary yield trial in 2005. In 2006, it was identified as the most outstanding line. Following further evaluation for rust, chocolate spot and bean leaf roll virus along with yield, seed quality and agronomic suitability, this line entered Stage 4 trial in 2007. Since then it is being evaluated in many plant breeding trials and National Variety Trials (NVT) in various locations in NSW as one of the most promising lines suitable for northern NSW and southern QLD. When this line was identified as the most outstanding line in 2006, its seed was multiplied under screenhouse conditions in 2007 and 2008 where some selection occurred for rust and bean leaf roll virus resistance. After discarding unwanted plants (roguing) in 2008, the seed was bulked and became a source of Pedigree Seed. Currently, the seed is being multiplied by Viterra under license. Breeder: Dr. Ian Rose, Department of Primary Industries, 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
Wing	melanin spot	present
Wing	colour of melanin spot	brown
Standard	anthocyanin colouration	absent
Plant	growth type	indeterminate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fiord'	
'Doza'	
'Cairo'	

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

Organ/Plant Part: Context	'IX114/1-16'	'Cairo'	'Doza'	'Fiord'
☐ Foliage: colour	medium green	medium green	medium green	medium green
☐ *Time of: flowering	very early to early	early to medium	very early to early	early to medium
☐ Stem: anthocyanin colouration (varieties with melanin spot only)	very weak	very weak	very weak	very weak
☐ *Leaflet: length	medium	medium to long	medium	medium
☐ *Leaflet: width	medium	medium to broad	medium	medium
☐ Leaflet: position of maximum width	at middle	at middle	at middle	at middle
☐ Flower: length	medium	medium	medium	medium
☐ *Wing: melanin spot	present	present	present	present
☐ Wing: colour of melanin spot	brown	brown	brown	brown
☐ *Standard: anthocyanin colouration	absent	absent	absent	absent
☐ Plant: growth type	indeterminate	indeterminate	indeterminate	indeterminate
☑ *Plant: height	medium	medium to tall	medium	medium
☐ *Pod: length	medium	medium	medium	short to medium
☐ Pod: width	medium	medium	medium	medium
☐ Dry seed: shape of median longitudinal section	elliptic	elliptic	elliptic	elliptic
☐ *Dry seed: 100 seed weight	medium	low to medium	low to medium	low to medium
☐ *Dry seed: colour of testa	beige	beige	beige	beige
☐ Dry seed: black pigmentation of hilum	present	present	present	present

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'IX114/1-16'	'Cairo'	'Doza'	'Fiord'
☑ Plant: rust resistance (*Uromyces vicia-fabae*) 1-9 scale	3-4 (MR)	5-6 (MS)	2-3 (R)	7-8 (S)

Statistical Table

Organ/Plant Part: Context	'IX114/1-16'	'Cairo'	'Doza'	'Fiord'
☑ Plant: height (cm)				
Mean	133.27	150.95	135.00	136.28
Std. Deviation	4.81	7.07	6.08	7.13
LSD/sig	3.74	P≤0.01	ns	ns
☑ Seed: length (mm)				
Mean	14.34	13.53	12.96	12.03
Std. Deviation	0.62	1.07	0.98	1.03
LSD/sig	0.75	P≤0.01	P≤0.01	P≤0.01
☑ Seed: width (mm)				
Mean	10.46	9.43	9.13	8.50
Std. Deviation	0.48	0.71	0.57	0.63
LSD/sig	0.51	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Abdus Sadeque,** Plant Breeding Institute, University of Sydney, Narrabri, NSW.

Details of Application

Application Number	2011/165
Variety Name	'PBA PERCY'
Genus Species	*Pisum sativum*
Common Name	Field Pea
Synonym	PERCY
Accepted Date	12 Sep 2011
Applicant	Agriculture Victoria Services Pty Ltd, Attwood, VIC and Grains Research and Development Corporation, Barton, ACT
Agent	N/A
Qualified Person	Antonio Leonforte

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Pea (new) (*Pisum sativum*) TG/7/10
Period	Jun – Dec 2011
Conditions	The DUS experiment was sown on Wimmera grey cracking clay soil in early Jun. Conditions were favourable for plant growth and were typical of field pea crop production in southern Australia. The trial was managed to control insect and foliar diseases.
Trial Design	Field trial: Randomised complete block design with 3 replicates, 3 rows wide with 20 plants per replicate
Measurements	Flowering time: 30% (days from sowing); Number of basal branches; Number of reproductive nodes to first flowering node.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'PBA Percy' (tested as OZP0901) was identified for release by the Pulse Breeding Australia Field pea program. The line is derived from a targeted crossing and selection program to improve plant vigour, adaptation and yield reliability in low rainfall cropping regions. The final cross was made in 1997 (97-72) between advanced parental lines PS1197 and PS1203. This followed mass selection to F4 generation (97-072-HO4) for large grain size and single plant reselection (97-072-HO4-005) based on early plant vigour, flowering time and high early pod set. The line was than selected from progeny testing and promoted to yield evaluation from 2003 and later identified as having high resistance to bacterial blight in disease screening nurseries in 2005 at Wagga NSW. Breeder seed increase was started from 2006 using 200 single plant derived populations. 'PBA PERCY' was bred by Pulse Breeding 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
Plant	anthocyanin colouration	present
Stem	fasciation	absent
Leaf	leaflets	present
leaflets	length	medium
Pod	parchment	entire

Seed	weight	high

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Parafield'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Sturt'	Plant anthocyanin	presence	present	absent
'Alma'	Seed	weight	high	medium
'Kaspa'	Leaf	leaflets	present	absent
'Morgan'	Leaf	leaflets	present	absent
PBA Oura	Leaf	leaflets	present	absent
PBA Twilight	Leaf	leaflets	present	absent
Glenroy	Leaf	leaflets	present	absent
Excell	Leaf	leaflets	present	absent
Yarrum	Leaf	leaflets	present	absent
Helena	Seed	size	high	low

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

	Organ/Plant Part: Context	'PBA PERCY'	'Parafield'
☐	*Plant: anthocyanin colouration	present	present
☐	*Stem: fasciation	absent	absent
☑	*Stem: length	very long	long
☑	*Stem: number of nodes up to and including first fertile node	very few	medium to many
☐	*Foliage: colour	green	green
☐	Foliage: intensity of colour (varieties with foliage color: green (Char. 6, state 2) only)	dark	medium
☐	*Leaf: leaflets	present	present
☐	Leaf: maximum number of leaflets	medium	medium
☐	Leaflet: size	medium	medium
☐	Leaflet: length	medium	medium
☐	Leaflet: width	medium	medium to broad
☐	*Stipule: length	medium to long	medium to long
☐	*Stipule: width	medium to broad	medium to broad
☐	Stipule: size	medium to large	medium to large
☐	Stipule: length from axil to tip	medium to long	medium to long
☐	Stipule: length of lobe below axil	medium to long	medium to long
☑	*Time of: flowering	very early	medium

☐ *Flower: colour of wing (varieties with plant anthocyanin coloration present only)	reddish purple	reddish purple
☐ *Pod: parchment	entire	entire
☐ *Pod: number of ovules	medium to many	medium to many
☐ *Seed: colour of cotyledon	yellow	yellow
☐ *Seed: marbling of testa (varieties with plant anthocyanin coloration present only)	absent	absent
☐ *Seed: violet or pink spots on testa (varieties with plant anthocyanin coloration present only)	absent	absent
☐ Seed: colour of testa (varieties with plant anthocyanin coloration present only)	brown	brownish green
☐ *Seed: weight	high	high
☐ Resistance to: Erysiphe pisi Syd.	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'PBA PERCY'**	**'Parafield'**
☑ Seed: varieties with anthocyanin only: colour of testa	brown with minor green	green with minor brown
☑ Plant: number of flowers per node (varieties with stem fasciation absent)	one or two	two
☑ Flower: duration of flowering	very long	medium to long
☑ Resistance to: *Pseudomonas syringae* pv *syringae*	resistant	moderately susceptible

Statistical Table

Organ/Plant Part: Context	**'PBA PERCY'**	**'Parafield'**
☑ Plant: time of flowering (days post sowing)		
Mean	121.00	105.00
Std. Deviation	0.40	0.50
LSD/sig	P <0.01	P≤0.01
☑ Stem: number of nodes to first reproductive node (number of nodes)		
Mean	9.20	14.00
Std. Deviation	1.70	1.70
LSD/sig	P <0.01	P≤0.01

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2011/013
Variety Name	'Cabot'
Genus Species	*Phaseolus vulgaris*
Common Name	French bean
Synonym	Nil
Accepted Date	13 Apr 2011
Applicant	Harris Moran Seed Company, Modesto, California, USA
Agent	Clause Pacific (Henderson Seeds Group Pty Ltd Trading as Clause Pacific), Lower Templestowe, VIC, Australia
Qualified Person	Philip Myors

Details of Comparative Trial

Location	Templestowe, VIC
Descriptor	French Bean (new) (*Phaseolus vulgaris*) TG/12/9
Period	20-12-2010 - 18-2-2011
Conditions	Fairly cool and wet-rainy summer conditions
Trial Design	2 replications of 100 plants of each
Measurements	20 plants per variety over 2 replications
RHS Chart - edition	N/A

Origin and Breeding

Controlled Pollination: French bean cultivar 'Cabot' H26107 has superior characteristics and was developed from an initial cross that was made in San juan Bautista (SJB), California, in a greenhouse, in the spring of 2000. The cross was between two proprietary Iines under stake numbers M61 01 (female) and M6122 (male). The F1 generation was harvested August 2000 at SJB, CA in plot M6X165. The F2 selection was made July 2001 near Coloma, WI in plot 7YE0469. The F3 selection was made February 2001 in Sun Prairie, WI, in a greenhouse, in plot 7YE0469-3. The F4 selection was made July 2002 near Coloma, WI in plot H25983. The 5 selection was made February 2003 near Los Mochis, Mexico in plot M30874. The F6 selection was made July 2003 near Coloma, WI in plot H304873. The F7 generation was bulked February 2003 near Los Mochis, Mexico in plot M42126. The F8 generation was bulk harvested August 2004 in SJB CA in plot C406392. The F9 generation was bulk harvested August 2005 in SJB, CA in plot C507107. The F 10 generation was bulked February 2006 near Los Mochis Mexico in plot M64201-224. The line was designated H26107. Breeder: Harris Moran seed Company, Modesto, CA, USA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	dwarf
Pod	ground colour	green
Pod	secondary colour	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Simba'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Hicock'	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	'Cabot'	'Simba'
☐ *Plant: growth type	dwarf	dwarf
☐ Plant: type (dwarf beans only)	non-trailing	non-trailing
☐ Plant: height (dwarf beans only)	medium	short to medium
☑ *Leaf: intensity of green colour	medium to dark	light
☐ Terminal leaflet: size	medium	medium
☐ Terminal leaflet: shape	rhombic	circular to rhombic
☐ Terminal leaflet: length of tip	medium	long
☐ *Flower: colour of standard	white	white
☐ *Flower: colour of wing	white	white
☐ *Pod: length (dwarf beans only)	medium to long	medium
☐ Pod: width	medium to broad	medium to broad
☐ *Pod: shape in cross section	circular	circular
☐ *Pod: ground colour	green	green
☐ Pod: intensity of ground colour	light to medium	medium
☐ *Pod: presence of secondary colour	absent	absent
☐ *Pod: stringiness of ventral suture	absent	absent
☐ Pod: degree of curvature	weak to medium	weak to medium
☑ Pod: shape of curvature	concave	convex
☐ Pod: shape of distal part	acute	acute to truncate
☑ *Pod: length of beak	long	medium
☐ Pod: curvature of beak	weak to medium	weak to medium
☐ Pod: texture of surface	moderately rough	very rough

Prior Applications and Sales

First sold in August 2010 in Australia

Description: **Philip Myors**, Lower Templestowe, VIC.

Details of Application

Application Number	2011/014
Variety Name	'Frontierau'
Genus Species	*Phaseolus vulgaris*
Common Name	French bean
Synonym	Nil
Accepted Date	13 Apr 2011
Applicant	Harris Moran Seed Company, Modesto, California, USA
Agent	Clause Pacific (Henderson Seeds Group Pty Ltd Trading as Clause Pacific), Lower Templestowe, VIC, Australia
Qualified Person	Philip Myors

Details of Comparative Trial

Location	Templestowe, VIC
Descriptor	French Bean (new) (*Phaseolus vulgaris*) TG/12/8
Period	20 Dec 2010 – 18 Feb 2011
Conditions	Fairly cool and wet-rainy summer conditions
Trial Design	2 replications of 100 plants of each
Measurements	20 plants per variety over 2 replications
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: French bean cultivar 'Frontier' H37111 has superior characteristics and was developed from an initial cross that was made in San Juan Bautista (SJB), California, in a greenhouse, in the spring of 2000. The cross was between two proprietary lines under stake numbers M6585 (female) and M6899 (male). The F1 generation was harvested-August-2001 at SJB, California, in plot M7X0409. The F2 selection was made July 2002 near Coloma, Wisconsin, in plot H26875. The F3 selection was mad February 2003 near Los Mochis, Mexico, in plot M30945. The F4 selection was made July 2003 near Coloma, Wisconsin, in plot H302867. The F5 selection was made February 2004 near Los Mochis, Mexico, in plot M40043. The F6 selection was made July 2004 near Coloma, Wisconsin, in plot H408865. The F7 generation was bulked February 2005 near Los Mochis, Mexico, in lot M51937. The F8 generation was bulk harvested August 2005 in SJB, California, in plot C507050. The F9 generation was bulk harvested August 2006 in SJB California in plot C604228. The F10 generation was bulked February 2007 near Los Mochis Mexico in plot M74101-120. The line was designated H37111. Breeder: Harris Moran seed Company, Modesto, CA, USA

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth type	dwarf
Pod	ground colour	green
Pod	secondary colour	absent
Pod	median width	medium to broad

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Hickok'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Simba'	Pod	Intensity of green colour	dark	light

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

Organ/Plant Part: Context	'Frontier'	'Hickok'
☐ *Plant: growth type	dwarf	dwarf
☐ Plant: type (dwarf beans only)	non-trailing	non-trailing
☐ Plant: height (dwarf beans only)	tall	tall
☐ *Leaf: intensity of green colour	medium to dark	medium to dark
☐ Terminal leaflet: size	medium	medium
☐ Terminal leaflet: shape	rhombic	rhombic
☐ Terminal leaflet: length of tip	medium	medium
☐ *Flower: colour of standard	white	white
☐ *Flower: colour of wing	white	white
☑ *Pod: length (dwarf beans only)	short to medium	medium to long
☐ Pod: width	medium to broad	medium to broad
☑ *Pod: shape in cross section	circular	cordate
☐ *Pod: ground colour	green	green
☑ Pod: intensity of ground colour	dark	medium
☐ *Pod: presence of secondary colour	absent	absent
☐ *Pod: stringiness of ventral suture	absent	absent
☐ Pod: degree of curvature	absent or very slight	very slight to weak
☐ Pod: shape of curvature	concave	concave
☐ Pod: shape of distal part	acute to truncate	acute to truncate
☑ *Pod: length of beak	medium	short
☐ Pod: curvature of beak	absent or very weak	weak
☑ Pod: texture of surface	moderately rough	smooth or slightly rough

Prior Applications and Sales

First sold in June 2010 in Australia

Description: **Philip Myors**, Lower Templestowe, VIC.

Details of Application

Application Number	2009/092
Variety Name	'RUBYCOT'
Genus Species	*Prunus salicina* x *Prunus armeniaca*
Common Name	Interspecific Plum
Synonym	Nil
Accepted Date	15 Jul 2009
Applicant	State of Queensland acting through the Department of Employment, Economic Development and Innovation (DEEDI), Brisbane, QLD and Horticulture Australia Limited, Sydney, NSW
Agent	N/A
Qualified Person	Dougal Russell

Details of Comparative Trial

Location	Applethorpe Research Station, Stanthorpe, QLD
Descriptor	Japanese Plum (*Prunus salicina*) TG/84/3
Period	Jan/Feb 2009
Conditions	The comparative trial was located at the Applethorpe Research Station in Southern Queensland. The orchard was covered by hail netting. The soil is a shallow grey granitic sandy loam with a base of decomposed granite. The comparative trial was planted in 2006 with 4m between rows and 2m between trees. Each row was hilled. The trial was irrigated and fertilisers applied using drip irrigation and broadcast. Trees were trained to an open vase and dormant pruned annually.
Trial Design	Randomised block with 6 replicates of each variety.
Measurements	Measurements were undertaken on 10 fruit from each tree.
RHS Chart - edition	1966

Origin and Breeding

Open pollination: a population of seedlings was created by harvesting seed from 'Satsuma' Japanese Plum (*Prunus salicina*) in which bouquets of plum and apricot had been placed in Aug-Sep 1996. Seed from this tree were stratified at 7°C for 3 months, germinated and grown in a glasshouse during 1997. Seedlings that were of plum x apricot origin (based on leaf morphology) were separated and a population of 18 seedling trees were planted in a fruiting nursery at the Applethorpe Research Station in 1997. From this population the tree coded GB 311-11 was selected in Dec 1999 because of its high fruit quality. Fruit and tree characteristics were observed on this tree from 1999 to 2004. Subsequent grower evaluations and trial plantings at the Applethorpe Research Station from 2002 to 2009 have proven true to type fruit production. Breeder: B.L. Topp and D.M. Russell, Applethorpe Research Station, Stanthorpe, 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
Fruit	flesh colour	red
Fruit	time of maturity	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Satsuma'	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
'Plumred VI'[1]	Fruit	time of maturity	early	medium
'Plumcot HRI'[2]	Fruit	flesh colour	red	yellow

[1] only known interspecific plum variety of common knowledge with red flesh colour.

[2] all other interspecific plum varieties of common knowledge have yellow flesh colour, therefore, are also excluded.**Variety Description and Distinctness - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.**

Organ/Plant Part: Context	'RUBYCOT'	'Satsuma'
☐ *Leaf blade: shape	broad obovate	elliptic
☐ *Leaf blade: angle of the tip	pointed	pointed
☐ *Petiole: length	long	medium
☐ *Peduncle: length	short	medium to long
☐ *Petal: shape	circular	elliptic
☐ *Fruit: size	small to medium	medium
☐ *Fruit: general shape	rounded-flattened	elongated
☐ *Fruit: position of maximum diameter	towards stalk end	at centre
☐ *Fruit: symmetry	symmetric	symmetric
☐ *Fruit: ground colour of skin	red	red
☐ *Fruit: colour of flesh	red	red
☐ *Fruit: degree of adherence of stone to flesh	semi-adherent	semi-adherent
☐ *Stone: size	medium to large	medium to large
☐ *Stone: general shape in profile	round	round-elliptical
☐ *Stone: position of maximum width	at centre	at centre
☑ *Time of: flowering	very early to early	medium to late
☑ *Time of: ripening	early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'RUBYCOT'	'Satsuma'
☑ Fruit: skin pubescence	present	absent

Prior Applications and Sale

Nil.

Description: **Dougal Russell,** Applethorpe Research Station, Stanthorpe, QLD.

Details of Application

Application Number	2011/021
Variety Name	'BurstARG'
Genus Species	*Lolium multiflorum*
Common Name	Italian Ryegrass
Synonym	FlourishARG
Accepted Date	29 Mar 2011
Applicant	Vicseeds Production Pty Ltd, Geelong, VIC.
Agent	N/A
Qualified Person	Ross Downes

Details of Comparative Trial

Location	Birregurra, VIC
Descriptor	Ryegrass (new) (*Lolium* spp.) TG/4/8
Period	Winter, spring 2011
Conditions	Dryland
Trial Design	Randomised block comparator trial, three replications two generations in two replications.
Measurements	Comparator trial Dec 2011. Two generations in Oct and Dec 2011.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Plants of the varieties 'New Tetila' and 'Abundant' were selected at Mansfield, VIC and transferred to Moruya NSW where ten plants of each variety were pair crossed with the other variety in 2006. Seed of each cross and reciprocal was kept separate and sown. Seed was harvested from 24 superior plants or families in 2007 and sown in three locations in 2008. Five families were selected for trial in 2009 and 2010 and from one of them 'Burst ARG' was selected for commercialisation. Breeder: Vicseeds Production Pty Ltd, Geelong, 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	chromosome number	tetraploid
Stem	length	long

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Abundant'	parent
'New Tetila'	parent
'Winterstar 2'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'SF Sprinter'	Plant	flowering time	early	medium
'Robust'	Plant	flowering time	early	very early

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

Organ/Plant Part: Context	'BurstARG'	'Abundant'	'New Tetila'	'Winterstar 2'
☐ *Plant: ploidy	tetraploid	tetraploid	tetraploid	tetraploid
☐ Plant: growth habit in autumn	erect to semi-erect	erect to semi-erect	erect to semi-erect	medium
☐ Plant: tendency to form inflorescence in year of sowing	very strong	very strong	very strong	very strong
☐ *Plant: Time of Inflorescence emergence in year of sowing	early	early to medium	very early	medium to late
☐ *Leaf: colour	medium green	medium green	medium green	medium green
☐ Plant: growth habit in spring	erect to semi-erect	erect to semi-erect	erect to semi-erect	medium
☐ Plant: Natural height in spring	tall to very tall	tall	tall	medium
☐ Plant: natural height at inflorescence emergence	tall	tall	tall	medium
☐ *Flag leaf: length	long	long	long	long
☑ *Flag leaf: width	broad	medium	narrow to medium	very narrow to narrow
☐ *Stem: length of longest stem	long to very long	long	long	long
☑ Inflorescence: length	long to very long	medium to long	medium to long	medium to long
☐ Inflorescence: number of spikelets	many to very many	many to very many	many	many to very many

Statistical Table

Organ/Plant Part: Context	'BurstARG'	'Abundant'	'New Tetila'	'Winterstar 2'
☐ Flag leaf: length (cm)				
Mean	16.57	14.37	16.30	16.47
Std. Deviation	3.17	3.42	4.65	4.59
LSD/sig	2.31	ns	ns	ns
☐ Flag leaf: width (mm)				
Mean	7.80	7.10	6.13	5.47
Std. Deviation	1.42	1.40	1.66	1.36
LSD/sig	0.88	ns	P≤0.01	P≤0.01
☑ Plant: length of longest stem (cm)				
Mean	93.03	79.77	78.67	86.63
Std. Deviation	6.59	7.22	7.87	7.15
LSD/sig	4.0	P≤0.01	P≤0.01	P≤0.01
☑ Plant: length of upper internode (cm)				

Mean	65.30	57.03	56.10	55.83
Std. Deviation	4.88	5.62	6.01	5.62
LSD/sig	3.38	P≤0.01	P≤0.01	P≤0.01
☑ Inflorescence: length (cm)				
Mean	32.97	28.00	27.83	28.13
Std. Deviation	3.74	2.96	3.71	3.17
LSD/sig	1.98	P≤0.01	P≤0.01	P≤0.01
☑ Inflorescence: number of spikelets				
Mean	26.70	25.93	24.53	25.50
Std. Deviation	3.82	4.12	3.28	3.76
LSD/sig	2.01	ns	P≤0.01	ns
☐ Inflorescence: length of outer glume (mm)				
Mean	11.87	9.13	9.33	9.90
Std. Deviation	2.05	2.19	1.84	1.47
LSD/sig	1.15	P≤0.01	P≤0.01	P≤0.01
☐ Inflorescence: length of basal spikelet (mm)				
Mean	22.90	18.40	18.03	16.97
Std. Deviation	2.82	4.42	4.18	2.93
LSD/sig	2.16	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2011/058
Variety Name	'Materno'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	CIPAL0717
Accepted Date	28 Apr 2011
Applicant	Agriculture Victoria Services Pty Ltd, Atwood, VIC and Grains Research and Development Corporation, Barton, ACT
Agent	PB Seeds Pty. Ltd. Kalkee, VIC
Qualified Person	Janine Sounness

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Lentil (*Lens culinaris*) TG/210/1
Period	Aug – Dec 2011
Conditions	The trial was sown in Aug 2010 at Plant Breeding Centre, Horsham, VIC on Wimmera grey cracking soil. 2010 was a wet season with good growing conditions all through the season. There was some weather damage to grain due to rain at harvest time.
Trial Design	Field trial: Randomised complete block design with 3 replicates, 3 rows wide with 216 plants per replicate
Measurements	Anthocyanin colouration, flowering and maturity time, plant height, growth habit, leaf traits, flower colour, pod traits, dry seed traits such as weight, colour and testa ornamentation etc.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Materno' was derived from a cross between ILL7537 (landrace sourced from ICARDA) and Matador (Canadian variety) made in 1997. Hybridisation was confirmed using seed characteristics and F2 seed sown in the glasshouse in 1998. F3 progenies were selected based on seed type (Spanish brown) and grown in the field. This was followed by one cycle of single seed descent with F4 plants grown in the glasshouse during summer 1999/00 and seed sown in progeny rows in the field in 2000. Based on visual characteristics one row, coded CIPAL0717, was selected for further evaluation in field and controlled environment experiments from 2001-09. CIPAL0717 was selected for release as 'Materno' based on a combination of high grain yield, mid flowering and maturity, ascochyta blight and botrytis resistance and grain characteristics (Spanish brown seed type). 'Materno' was initially evaluated as breeding line 97-067L*98S109-99HS001 and CIPAL717. 'Materno' was developed as part of Pulse Breeding Australia, funded by GRDC, Victorian DPI, SARDI, DAFWA, NSW DII and TIAR. Breeding personnel included Michael Materne, Stephen Murden, Bruce Holding, Dianne Noy, Joe Panozzo, Kurt Lindbeck, Sarah Meyer and Larn McMurray.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Dry seed	seed width	narrow

Dry seed	profile in longitudinal section	broad elliptic
Flower	colour of standard	blue
Dry seed	main colour of testa	ochre

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Nipper'	Narrow seed width, low seed weight, broad elliptic seed profile, main colour of testa ochre, flower colour blue.
'PBA Bounty'	Narrow seed width, low seed weight, broad elliptic seed profile, main colour testa ochre, flower colour blue.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Boomer'	Dry seed width	narrow	broad	'Boomer' also possesses high seed weight, elliptic profile and the seed testa colour is green.
'PBA Flash'	Dry seed width	narrow	medium	'PBA Flash' is also early flowering with green testa colour, medium seed width and seed weight.
Nugget	Dry seed width	narrow	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	'Materno'	'Nipper'	'PBA Bounty'
☐ *Cotyledon: colour	greenish yellow	orange	orange
☐ Plant: habit	semi-erect	semi-erect	semi-erect to horizontal
☑ *Plant: anthocyanin colouration	present	present	absent
☑ *Plant: height	tall	short	short to medium
☐ Plant: intensity of ramification	medium	medium	medium
☐ Leaf: shape	elliptic	elliptic	ovate
☑ Leaf: intensity of green colour	light	medium	medium
☐ Leaf: number of leaflets	medium to many	medium	medium to many
☐ Raceme: number of flowers per node	two to three	two to three	two to three
☑ Flower: size	large	medium	medium
☐ *Flower: colour of standard	blue	blue	blue
☐ Flower: violet stripes of standard	present	present	present
☐ Flower: violet stripes of wings	absent	absent	absent
☐ Pod: intensity of colour	medium	medium	medium
☐ Pod: number of ovules	mainly two	mainly two	mainly two

*Pod: colour at dry harvest maturity	yellow	yellow	yellow
*Pod: length at dry harvest maturity	medium	medium	medium
Pod: width	medium	medium	narrow
Pod: shape of apex	truncate	truncate	truncate
*Dry seed: width	narrow	narrow	narrow
*Dry seed: profile in longitudinal section	broad elliptic	broad elliptic	broad elliptic
*Dry seed: number of colours	two	one	one
*Dry seed: main colour of testa	ochre	ochre	ochre
Dry seed: type of ornamentation (varieties with more than one testa colour only)	marbled	absent	absent
*Dry seed: weight	low	low	low
*Time of: flowering	late	medium to late	medium to late
Time of: maturity	medium to late	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Materno'	'Nipper'	'PBA Bounty'
Dry seed: intensity of main testa colour	medium	medium	medium
Flower: blue colour of standard	dark	light	light

Prior Applications and Sales

Nil.

Description: **Janine Sounness**, PBSeeds, Horsham VIC.

Details of Application

Application Number	2011/057
Variety Name	'Mt Byron'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	CIPAL0719
Accepted Date	28 Apr 2011
Applicant	Agriculture Victoria Services Pty Ltd, Atwood, VIC and Grains Research and Development Corporation, Barton, ACT
Agent	PB Seeds Pty. Ltd. Kalkee, VIC
Qualified Person	Janine Sounness

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Lentil (*Lens culinaris*) TG/210/1
Period	Aug – Dec 2010
Conditions	The trial was sown in Aug 2010 at Plant Breeding Centre, Horsham, VIC on Wimmera grey cracking soil. 2010 was a wet season with good growing conditions all through the season. There was some weather damage to grain due to rain at harvest time.
Trial Design	Field trial: Randomised complete block design with 3 replicates, 3 rows wide with 216 plants per replicate
Measurements	Anthocyanin colouration, flowering and maturity time, plant height, growth habit, leaf traits, flower colour, pod traits, dry seed traits such as weight, colour and testa ornamentation etc.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Mt Byron' was derived from a cross between 'Indianhead' (forage lentil from Canada) and 'Nugget' made in 1998. Hybridisation was confirmed using seed characteristics and F2 seed sown in the field in 1999. This was followed by one cycle of single seed descent with F3 plants grown in the glasshouse during summer 1999/00. Seed from F3 plants was sown in progeny rows in the field in 2000. Based on visual characteristics one of the progeny rows, coded CIPAL0719, was selected for further evaluation in field and controlled environment experiments from 2001-09. CIPAL0719 was selected for release based on a combination of high grain yield, mid flowering and maturity, ascochyta blight and botrytis resistance and grain characteristics (black seed). CIPAL0719 was initially evaluated as breeding line 98-009L*99HS043 and CIPAL0719. CIPAL0719 was developed as part of Pulse Breeding Australia, funded by GRDC, Victorian DPI, SARDI, DAFWA, NSW DII and TIAR. Breeding personnel included Michael Materne, Stephen Murden, Bruce Holding, Dianne Noy, Joe Panozzo, Kurt Lindbeck, Sarah Meyer and Larn McMurray.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Dry seed	width	narrow
Dry seed	cotyledon colour	orange

Flower	colour of standard	blue
Time of	flowering	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Nipper'	Narrow seed, orange cotyledons, mid maturity, low seed weight and similar adaptation to 'Mt Byron'.
'PBA Bounty'	Narrow seed, orange cotyledons, mid maturity, low seed weight and similar adaptation to 'Mt Byron'.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'PBA Flash'	Dry seed width	narrow	medium	'PBA Flash' is early to medium in maturity.
'Boomer'	Dry seed cotyledon colour	orange	yellow	'Boomer' also possesses broad seed with high seed weight.
Nugget	Dry seed width	narrow	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	'Mt Byron'	'Nipper'	'PBA Bounty'
☐ *Cotyledon: colour	orange	orange	orange
☐ Plant: habit	semi-erect	semi-erect	semi-erect to horizontal
☑ *Plant: anthocyanin colouration	present	present	absent
☑ *Plant: height	medium to tall	short	short to medium
☐ Plant: intensity of ramification	medium	medium	medium
☐ Leaf: shape	elliptic	elliptic	ovate
☑ Leaf: intensity of green colour	dark	medium	medium
☐ Leaf: number of leaflets	medium	medium	medium to many
☐ Raceme: number of flowers per node	two to three	two to three	two to three
☐ Flower: size	medium	medium	medium
☐ *Flower: colour of standard	blue	blue	blue
☐ Flower: violet stripes of standard	present	present	present
☐ Flower: violet stripes of wings	absent	absent	absent
☐ Pod: intensity of colour	medium	medium	medium
☐ Pod: number of ovules	mainly two	mainly two	mainly two
☐ *Pod: colour at dry harvest maturity	yellow	yellow	yellow
☐ *Pod: length at dry harvest maturity	short to medium	medium	medium

☑ Pod: width	narrow	medium	narrow
☐ Pod: shape of apex	truncate	truncate	truncate
☐ *Dry seed: width	narrow	narrow	narrow
☐ *Dry seed: profile in longitudinal section	broad elliptic	broad elliptic	broad elliptic
☐ *Dry seed: number of colours	one	one	one
☐ *Dry seed: main colour of testa	black	ochre	ochre
☑ *Dry seed: weight	very low	low	low
☐ *Time of: flowering	medium to late	medium to late	medium to late
☐ Time of: maturity	medium to late	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Mt Byron'	'Nipper'	'PBA Bounty'
☑ Dry seed: intensity of main testa colour	dark	medium	medium
☑ Flower: blue colour of standard	dark	light	light

Prior Applications and Sales

Nil.

Description: **Janine Sounness**, PBSeeds, Horsham VIC.

Details of Application

Application Number	2010/223
Variety Name	'PBA Blitz'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	Blitz
Accepted Date	09 Nov 2010
Applicant	Agriculture Victoria Services Pty Ltd, Atwood, VIC and Grains Research and Development Corporation, Barton, ACT
Agent	PB Seeds Pty. Ltd. Kalkee, VIC
Qualified Person	Janine Sounness

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Lentil (*Lens culinaris*) TG/210/1
Period	Aug to Dec 2010
Conditions	The trial was sown on Wimmera grey cracking soils under good conditions. 2010 was a wet season providing good growing conditions. Rain late in season produced some weather damage to the seed.
Trial Design	Field trial: Randomised complete block design with 3 replicates, 3 rows wide with 216 plants per replicate
Measurements	Anthocyanin colouration, degree of branching, plant height and habit, time to flower and maturity, leaf, flower, pod and seed traits.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: PBA Blitz was derived from a three way cross between 'Cumra', 'Indianhead' and 'Cassab' made in 1998. Hybridisation was confirmed using seed characteristics and F2 seed sown in the field in 2000. The population was advanced using a bulk method with mass selection for maturity, ascochyta blight resistance and seed characteristics. An F4 plant was selected at Horsham in 2002 and seed sown in progeny rows in the field in 2003. Based on visual characteristics one row, coded CIPAL0610, was selected for further evaluation in field and controlled environment experiments from 2004-09. CIPAL0610 was selected for release as PBA Blitz based on a combination of good harvestability, high grain yield, early/mid flowering, early maturity, ascochyta blight resistance, botrytis resistance, rounded seed type, high milling yield and herbicide tolerance. 'PBA Blitz' was initially evaluated as breeding line 99-070L*02H036 and CIPAL0610 (CIPAL610) when included in National Variety Testing. 'PBA Blitz' was developed as part of Pulse Breeding Australia, funded by GRDC, Victorian DPI, SARDI, DAFWA, NSW DII and TIAR. Breeding personnel included Michael Materne, Stephen Murden, Bruce Holding, Dianne Noy, Joe Panozzo, Kurt Lindbeck, Sarah Meyer, Larn McMurray, Sandy Nitschke, Matt Dare, Kerry Regan, Geoff Dean and Peter Matthews.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Dry seed	cotyledon colour	orange
Flower	colour of standard	blue
Dry seed	number of colours	one
Pod	length at dry harvest maturity	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'PBA Flash'	Early to medium maturity, medium seed size, red cotyledons and adaptation similar to 'PBA Blitz'. Moderate resistance to lodging.
'Nipper'	Medium maturity athough mid to late flowering, red cotyledons, short stature, similar adaption to 'PBA Blitz'. Moderate resistance to lodging and *Ascochyta* on seed.
'PBA Bounty'	Red cotyledons, main testa colour ochre, medium maturity and adaptation similar to 'PBA Blitz'. Moderate resistance to *Ascochyta* on seed.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Boomer'	Dry seed	main testa colour	ochre	green	'Boomer' also possesses yellow cotyledons and seed width is broad and seed weight is very high.
Nugget	Plant	Maturity	Early	Medium to late	
Nugget	Flower Seed	Time	Early to medium	Medium	
Nugget	Lodging	*Ascochyta*	Moderately resistant	Moderately susceptible/moderately resistant	
Nugget			Moderately resistant	Moderately susceptible/moderately resistant	

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

Organ/Plant Part: Context	'PBA Blitz'	'Nipper'	'PBA Bounty'	'PBA Flash'
☐ *Cotyledon: colour	orange	orange	orange	orange
☐ Plant: habit	erect to semi-erect	semi-erect	semi-erect to horizontal	erect to semi-erect

☑ *Plant: anthocyanin colouration	absent	present	absent	absent
☑ *Plant: height	medium	short	short to medium	medium
☐ Plant: intensity of ramification	medium	medium	medium	medium
☐ Leaf: shape	ovate	elliptic	ovate	ovate
☐ Leaf: intensity of green colour	medium	medium	medium	medium
☐ Leaf: number of leaflets	medium	medium	medium to many	medium
☐ Raceme: number of flowers per node	two to three	two to three	two to three	two to three
☐ Flower: size	medium	medium	medium	medium
☐ *Flower: colour of standard	blue	blue	blue	blue
☐ Flower: violet stripes of standard	present	present	present	present
☐ Flower: violet stripes of wings	absent	absent	absent	absent
☐ Pod: intensity of colour	medium	medium	medium	medium
☐ Pod: number of ovules	mainly two	mainly two	mainly two	mainly two
☐ *Pod: colour at dry harvest maturity	yellow	yellow	yellow	yellow
☐ *Pod: length at dry harvest maturity	medium	medium	medium	medium
☑ Pod: width	medium	medium	narrow	medium
☐ Pod: shape of apex	truncate	truncate	truncate	truncate
☑ *Dry seed: width	medium	narrow	narrow	medium
☐ *Dry seed: profile in longitudinal section	elliptic	broad elliptic	broad elliptic	elliptic
☐ *Dry seed: number of colours	one	one	one	one
☑ *Dry seed: main colour of testa	ochre	ochre	ochre	green
☑ *Dry seed: weight	medium	low	low	medium
☑ *Time of: flowering	early to medium	medium to late	medium to late	medium
☑ Time of: maturity	early	medium	medium	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PBA Blitz'	'Nipper'	'PBA Bounty'	'PBA Flash'

☑ Dry seed: intensity of main testa colour	medium	medium	medium	light
☐ Flower: blue colour of standard	light	light	light	light

Prior Applications and Sales

Nil.

Description: **Janine Sounness**, PBSeeds, Horsham VIC.

Details of Application

Application Number	2011/186
Variety Name	'PBA Herald XT'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	Herald XT
Accepted Date	30 Sep 2011
Applicant	Agriculture Victoria Services Pty Ltd, Attwood, VIC
Agent	N/A
Qualified Person	Antonio Leonforte

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Lentil (*Lens culinaris*) TG/210/1
Period	Jun to Dec 2011.
Conditions	The DUS experiment was sown on Wimmera grey cracking clay soil in early Jun. Conditions were favourable for plant growth and were typical of lentil crop production in southern Australia. The trial was managed to control insect and foliar diseases.
Trial Design	Field trial: Randomised complete block design with 3 replicates, 3 rows wide with 20 plants per replicate
Measurements	Time of flowering, Herbicide tolerance to Imidazolinone, Plant height at maturity.
RHS Chart - edition	N/A

Origin and Breeding

Induced mutation: 'PBA Herald XT' is derived from an induced mutation of the lentil breeding line 96-047L*99R060. Seed of 96-047L*99R060 was soaked in 0.25% Ethyl methane sulfonate (EMS), dried and sown at Kalkee, VIC in 2002. The plot was bulk harvested and M2 generation seed sown at Horsham, VIC in 2003 and sprayed post emergence with 80g/ha of ON DUTY® (a.i. Imazapic 525g/kg + Imazapyr 175g/kg). Seed was bulk harvested and sown at Horsham in 2004 and sprayed post emergence with 80g/ha of ON DUTY. Surviving plants were harvested individually by hand and evaluated from 2005-10. 'PBA Herald XT' was selected, among many selections, for release based on presence of tolerance to Imidazolinone herbicides, high yield, resistance to ascochyta blight and botrytis grey mould and erect growth habit. 'PBA Herald XT' was initially tested as 96-047L*99R060-EMS02*04O01 and renamed CIPAL0702 for evaluation nationally in 2007. 'PBA Herald XT' was bred by Pulse Breeding 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
Cotyledon	colour	orange
Leaf	number of leaflets	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Nipper'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Bounty'	Leaf	leaflet number	medium	many
'Boomer'	Cotyledon	colour	orange	greenish 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	'PBA Herald XT'	'Nipper'
☐	*Cotyledon: colour	orange	orange
☑	Plant: habit	erect	semi-erect
☑	*Plant: anthocyanin colouration	absent	present
☑	*Plant: height	medium	short
☐	Plant: intensity of ramification	medium	medium
☐	Leaf: intensity of green colour	medium	medium
☐	Leaf: number of leaflets	medium	medium
☐	Leaflet: size	small	small
☐	Raceme: number of flowers per node	three	three
☐	Flower: size	small	small
☐	Pod: intensity of colour	medium	medium
☐	Pod: number of ovules	mainly two	mainly two
☐	*Pod: colour at dry harvest maturity	yellow	yellow
☐	*Pod: length at dry harvest maturity	medium	medium
☐	Pod: width	narrow	narrow
☐	*Dry seed: width	narrow	narrow
☑	*Dry seed: profile in longitudinal section	elliptic	broad elliptic
☐	*Dry seed: number of colours	one	one
☐	*Dry seed: main colour of testa	greenish yellow	greenish yellow
☐	*Dry seed: weight	low	low
☐	*Time of: flowering	medium	medium to late
☐	Time of: maturity	medium to late	medium

Characteristics Additional to the Descriptor/TG

	Organ/Plant Part: Context	'PBA Herald XT'	'Nipper'
☑	Herbicide: tolerance to Imidazolinone	resistance	susceptible

Statistical Table

Organ/Plant Part: Context	'PBA Herald XT'	'Nipper'

☑ Plant: height at maturity (cm)

Mean	34.00	29.40
Std. Deviation	2.10	2.10
LSD/sig	P <0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/222
Variety Name	'PBA Jumbo'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	Jumbo
Accepted Date	09 Nov 2010
Applicant	Agriculture Victoria Services Pty Ltd, Atwood, VIC and Grains Research and Development Corporation, Barton, ACT
Agent	PB Seeds Pty. Ltd. Kalkee, VIC
Qualified Person	Janine Sounness

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Lentil (*Lens culinaris*) TG/210/1
Period	Aug – Dec 2010
Conditions	The trial was sown in Aug 2010, at Plant Breeding Centre, Horsham, VIC on Wimmera grey cracking soil. 2010 was a wet season with good growing conditions all through the season. There was some weather damage to grain due to rain at harvest time.
Trial Design	Field trial: Randomised complete block design with 3 replicates, 3 rows wide with 216 plants per replicate
Measurements	Anthocyanin colouration, flowering and maturity time, plant height, growth habit, leaf traits, flower colour, pod traits, dry seed traits such as weight, colour and testa ornamentation etc.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'PBA Jumbo' is derived from a cross made between 'Aldinga' and 'Matador' in 1997. 'Aldinga' is an Australian commercial variety and 'Matador' is a commercial variety from Canada. Hybridisation was confirmed using seed shape and F2 seed sown in the field in 1998. The population was advanced using a bulk method with mass selection for maturity, ascochyta blight resistance and seed characteristics. F4 single plants were selected at Horsham in 2001 and seed sown in progeny rows in the field in 2002. Based on visual characteristics 'PBA Jumbo' was selected for further evaluation in field and controlled environment experiments from 2003-09. 'PBA Jumbo' was selected for release based on a combination of high grain yield, mid flowering and maturity, ascochyta blight resistance, large seed type, high milling yield and herbicide tolerance. 'PBA Jumbo' was initially evaluated as breeding line 97-050L*01H043 and CIPAL0605 (CIPAL605) when included in National Variety Testing. 'PBA Jumbo' was developed as part of Pulse Breeding Australia, funded by GRDC, Victorian DPI, SARDI, DAFWA, NSW DII and TIAR. Breeding personnel included Michael Materne, Stephen Murden, Bruce Holding, Dianne Noy, Joe Panozzo, Sarah Meyer, Kurt Lindbeck, Larn McMurray, Sandy Nitschke, Matt Dare, Kerry Regan, Geoff Dean and Peter Matthews.

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

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

Dry seed	cotyledon colour	orange
Flower	colour of standard	blue
Time of	maturity	medium
Dry seed	main colour of testa	ochre

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Nipper'	Blue flower with orange cotyledons, medium maturity and adaptation similar to 'PBA Jumbo'. Moderate resistance to *Ascochyta* on seed.
'PBA Bounty'	Blue flower with orange cotyledons, medium maturity and adaptation similar to 'PBA Jumbo'. Moderate resistance to *Ascochyta* on seed.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Aldinga'	Dry seed	main testa colour	ochre	green	
'PBA Flash'	Dry seed	main testa colour	ochre	green	'PBA Flash' is also significantly earlier than 'PBA Jumbo'.
'Boomer'	Dry seed	main testa colour	ochre	green	'Boomer' also possesses yellow cotyledons and much heavier seed.
Nugget	Plant	Maturity	Medium	Medium to late	
Nugget	Dry seed	Weight	High	Medium	
Nugget	Seed	Ascochyta	Resistant	Moderately susceptible/Moderately resistant	

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

Organ/Plant Part: Context	'PBA Jumbo'	'Nipper'	'PBA Bounty'
☐ *Cotyledon: colour	orange	orange	orange
☐ Plant: habit	semi-erect	semi-erect	semi-erect to horizontal
☑ *Plant: anthocyanin colouration	absent	present	absent
☑ *Plant: height	medium	short	short to medium
☐ Plant: intensity of ramification	medium	medium	medium
☐ Leaf: shape	ovate	elliptic	ovate
☑ Leaf: intensity of green colour	dark	medium	medium
☐ Leaf: number of leaflets	medium	medium	medium to many
☐ Raceme: number of flowers per node	two to three	two to three	two to three

Flower: size	medium	medium	medium
*Flower: colour of standard	blue	blue	blue
Flower: violet stripes of standard	present	present	present
Flower: violet stripes of wings	absent	absent	absent
Pod: intensity of colour	medium	medium	medium
Pod: number of ovules	mainly two	mainly two	mainly two
*Pod: colour at dry harvest maturity	yellow	yellow	yellow
*Pod: length at dry harvest maturity	medium to long	medium	medium
Pod: width	broad	medium	narrow
Pod: shape of apex	truncate	truncate	truncate
*Dry seed: width	medium to broad	narrow	narrow
*Dry seed: profile in longitudinal section	elliptic	broad elliptic	broad elliptic
*Dry seed: number of colours	one	one	one
*Dry seed: main colour of testa	ochre	ochre	ochre
*Dry seed: weight	high	low	low
*Time of: flowering	medium	medium to late	medium to late
Time of: maturity	Medium to late	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PBA Jumbo'	'Nipper'	'PBA Bounty'
Dry seed: intensity of main testa colour	medium	medium	medium
Flower: blue colour of standard	light	light	light

Prior Applications and Sales

Nil.

Description: **Janine Sounness**, PBSeeds, Horsham VIC.

Details of Application

Application Number	2011/059
Variety Name	'Grampians'
Genus Species	*Lens culinaris*
Common Name	Lentil
Synonym	CIPAL0714
Accepted Date	28 Apr 2011
Applicant	Agriculture Victoria Services Pty Ltd, Atwood, VIC and Grains Research and Development Corporation, Barton, ACT
Agent	PB Seeds Pty. Ltd. Kalkee, VIC
Qualified Person	Janine Sounness

Details of Comparative Trial

Location	Horsham, VIC
Descriptor	Lentil (*Lens culinaris*) TG/210/1
Period	Aug – Dec 2010
Conditions	The trial was sown in Aug 2010 at Plant Breeding Centre, Horsham, VIC on Wimmera grey cracking soil. 2010 was a wet season with good growing conditions all through the season. There was some weather damage to grain due to rain at harvest time.
Trial Design	Field trial: Randomised complete block design with 3 replicates, 3 rows wide with 216 plants per replicate
Measurements	Anthocyanin colouration, flowering and maturity time, plant height, growth habit, leaf traits, flower colour, pod traits, dry seed traits such as weight, colour and testa ornamentation etc.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: 'Grampians' was derived from a cross between 'Frenchgreen' and 'Nugget' made in 1996. Hybridisation was confirmed using seed characteristics and F2 seed sown in the field in 1997. The population was advanced using a bulk method with mass selection for maturity, ascochyta blight resistance and seed characteristics ('Frenchgreen' seed type). F4 plants were selected in 1999 at Rosebery and seed sown in progeny rows in the field in 2000. One progeny row coded CIPAL0714 was selected based on visual characteristics for further evaluation in field and controlled environment experiments from 2001-09. CIPAL0714 was selected for release as Grampians based on a combination of high grain yield, mid flowering and maturity, ascochyta blight and botrytis resistance and 'Frenchgreen' grain characteristics. 'Grampians' was initially evaluated as breeding line 96-051L*99R011 and CIPAL0714. Grampians was developed as part of Pulse Breeding Australia, funded by GRDC, Victorian DPI, SARDI, DAFWA, NSW DII and TIAR. Breeding personnel included Michael Materne, Stephen Murden, Bruce Holding, Dianne Noy, Joe Panozzo, Kurt Lindbeck, Sarah Meyer and Larn McMurray.

Choice of Comparators Characteristics 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	anthocyanin colouration	absent
Plant	intensity of green colour	medium

Dry seed	main testa colour	green
Flower	colour of standard	blue

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Boomer'	Green testa colour and yellow cotyledons similar to 'Grampians'.
'PBA Flash'	Green testa colour and medium seed width and seed weight similar to 'Grampians'.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Nipper'	Dry seed	main testa colour	green	ochre
'PBA Bounty'	Dry seed	main testa colour	green	ochre
Nugget	Dry seed	main testa colour	green	ochre

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

Organ/Plant Part: Context	'Grampians'	'Boomer'	'PBA Flash'
☐ *Cotyledon: colour	greenish yellow	greenish yellow	orange
☐ Plant: habit	semi-erect	semi-erect	erect to semi-erect
☐ *Plant: anthocyanin colouration	absent	absent	absent
☐ *Plant: height	medium to tall	tall	medium
☐ Plant: intensity of ramification	medium	medium	medium
☐ Leaf: shape	ovate	elliptic	ovate
☐ Leaf: intensity of green colour	medium	medium	medium
☐ Leaf: number of leaflets	medium to many	medium	medium
☐ Raceme: number of flowers per node	three	two to three	two to three
☑ Flower: size	large	large	medium
☐ *Flower: colour of standard	blue	blue	blue
☐ Flower: violet stripes of standard	present	present	present
☐ Flower: violet stripes of wings	absent	absent	absent
☐ Pod: intensity of colour	medium	medium	medium
☐ Pod: number of ovules	mainly two	one to two	mainly two
☐ *Pod: colour at dry harvest maturity	yellow	yellow	yellow
☐ *Pod: length at dry harvest maturity	medium to long	medium to long	medium
☑ Pod: width	broad	broad	medium
☐ Pod: shape of apex	truncate	truncate	truncate
☐ *Dry seed: width	medium	broad	medium
☐ *Dry seed: profile in longitudinal section	elliptic	elliptic	elliptic

*Dry seed: number of colours	two	one	one
*Dry seed: main colour of testa	green	green	green
Dry seed: type of ornamentation (varieties with more than one testa colour only)	marbled	absent	absent
*Dry seed: weight	medium	very high	medium
*Time of: flowering	medium to late	early to medium	medium
Time of: maturity	medium to late	medium	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Grampians'	'Boomer'	'PBA Flash'
Dry seed: intensity of main testa colour	medium	light	light
Flower: blue colour of standard	light	light	light

Prior Applications and Sales

Nil.

Description: **Janine Sounness**, PBSeeds, Horsham VIC.

Details of Application

Application Number	2008/160
Variety Name	'MULTIRED 2'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Synonym	Nil
Accepted Date	08 Jul 2008
Applicant	Nunhems B.V., Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW.
Qualified Person	Mr. John Oates

Details of Comparative Trial

Location	120 Glassocks Road, Lyndhurst, VIC -380341 1451308
Descriptor	Lettuce (new) (*Lactuca sativa*) TG/13/10
Period	Oct – Dec 2011
Conditions	Sown 13 Oct 2011. Transplanting 24 Nov 2011, grown outside in raised beds. Soil type sand. Overhead irrigation applied when required. Temperatures below average.
Trial Design	Each variety grown in blocks of 35 plants in paired rows.
Measurements	Measurement taken on ten plants at random for each variety.
RHS Chart - edition	2001.

Origin and Breeding

Controlled pollination: Seed parent Multy, a Nunhems B.V. commercial variety, x pollen parent Nunhems B.V. breeding line 71982007. The seed parent is characterised by nil anthocyanin colouration and slight curliness of the leaf. The pollen parent is characterised by seed colour yellow and resistance to Bl 23 absent. A number of Fi plants were self-pollinated. From the 2nd to the 5th generation pedigree selection was performed based on visual selection of plant characteristics: leaf shape, leaf curliness, leaf colour, head shape; disease resistance: *Bremia lactucae*. From the 5th to the 7th generation line selection was performed. Variety 'MULTIRED 2' has been observed from the 6th to the 9th generation at different locations and during seed increase and is uniform, stable and free of off types. 'MULTIRED 2' is an independent type of lettuce. The mature head of 'MULTIRED 2' consists of a large number of very finely curled individual red-coloured leaves. The selection work was conducted at Nunhems B.V. breeding station, Gravendanze, The Netherlands. Breeder: J. van Schijndel, Nunhems BV, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	anthocyanin colouration	present
Leaf	distribution of anthocyanin	localised
Leaf	hue of green colour of outer leaves	reddish

Name	Comments
‘Jadigon’	
‘Madrigon’	
‘Duplex’	
‘Obregon’	
‘Teragon’	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Multy’	leaf	anthocyanin colouration	present	absent
‘Crisst’	Resistance to	*Bremia* L	present	absent

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

Organ/Plant Part: Context	‘MULTIRED 2’	‘Duplex’	‘Jadigon’	‘Madrigon’	‘Obregon’	‘Teragon’
☑ *Seed: colour	black		white	black	white	white
☐ *Seedling: anthocyanin colouration	present	present	present	present	present	present
☐ Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect	semi-erect	semi-erect	semi-erect	semi-erect
☐ Leaf blade: division	divided	divided	divided	divided	divided	divided
☑ *Plant: diameter	small	small	medium	small		small to medium
☐ *Plant: head formation	open head	no head	no head	no head	open head	no head
☐ Leaf: thickness	thin to medium	thin to medium	medium	thin to medium	medium	very thin to thin
☐ Leaf: attitude at harvest maturity	erect to semi-erect	erect to semi-erect	semi-erect	erect to semi-erect	semi-erect to horizontal	semi-erect
☐ *Leaf: shape	transverse narrow elliptic	transverse broad elliptic	transverse narrow elliptic	transverse broad elliptic	transverse narrow elliptic	transverse broad elliptic
☑ Leaf: shape of tip	acute	obtuse	rounded	rounded	rounded	rounded
☐ *Leaf: hue of green colour of outer leaves	reddish	reddish	reddish	reddish	reddish	reddish
☑ *Leaf: intensity of colour of outer leaves	light to medium	dark	dark	dark	dark	dark to very dark
☐ *Leaf:	present	present	present	present	present	present

anthocyanin colouration						
☑ *Leaf: intensity of anthocyanin colouration	weak to medium	strong	strong	strong	strong	strong to very strong
☐ Leaf: distribution of anthocyanin	localised	localised	localised	localised	entire	localised
☐ Leaf: kind of anthocyanin distribution	diffused only	diffused only	diffused only	diffused only	diffused only	diffused and in spots
☑ Leaf: glossiness of upper side	strong	medium	medium	medium	medium	medium
☑ *Leaf: blistering	very weak to weak	weak	medium	medium	weak	very weak to weak
☑ Leaf: size of blisters	small	very small to small	medium	medium	small	small
☑ *Leaf blade: degree of undulation of margin	very strong	medium	strong	strong	strong	strong to very strong
☐ Leaf blade: incisions of margin on apical part	present	present	present	present	present	present
☑ *Leaf blade: depth of incisions on margin on apical part	very deep	deep to very deep	shallow	shallow	deep	shallow
☑ Leaf blade: density of incisions on margin on apical part	medium	medium	dense	medium to dense	dense	dense to very dense
☐ Leaf blade: venation	not flabellate	not flabellate	not flabellate	not flabellate	flabellate	flabellate
☐ Axillary: sprouting	absent or very weak	very weak to weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ Time of: harvest maturity	early to medium	early	medium	early		early to medium
☐ *Time of: beginning of bolting under long day conditions	late to very late	medium	late to very late	medium	late to very late	very late
☑ Plant: height	short	very short	medium	short		
☐ Plant: fasciation	present	present	present	present	absent	present
☑ Plant: intensity of	very strong	weak	very weak to weak	medium to strong		very weak to weak

fasciation			
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present		present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	present		present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24	present		present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present	present	present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:2	present		present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:5	present		present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:7	present		present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:12	present		present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:14	absent		present
Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:15	present		present
*Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	present		present

☐ Resistance to: downy *mildew (Bremia lactucae*) Isolate Bl:18	present			present	
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	present		present	present	
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17	present			present	
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	present			present	
☐ Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	absent			absent	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'MULTIRED 2'	'Duplex'	'Jadigon'	'Madrigon'	'Obregon'	'Teragon'
☐ Leaf colour: leaf tips	187A	187A	187A	187A		
☐ Leaf colour : body of leaf	144A	144A	145A-B	144A		

Statistical Table

Organ/Plant Part: Context	'MULTIRED 2'	'Duplex'	'Jadigon'	'Madrigon'	'Obregon'	'Teragon'
☑ Plant: diameter (mm)						
Mean	241.00	240.00	271.50	239.00		
Std. Deviation	11.26	15.81	15.64	10.22		
Lsd/sig	4.7652	ns	P≤0.01	ns		
☑ Plant: height (mm)						
Mean	93.50	88.50	114.50	92.00		
Std. Deviation	10.29	15.83	13.83	14.83		
Lsd/sig	3.6419	P≤0.01	P≤0.01	ns		

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2007	Applied	'MULTIRED 2'
New Zealand	2008	Applied	'MULTIRED 2'

EU 2007 Withdrawn ‘MULTIRED 2’

First sold in UK in May 2007 and first Australian sale in Jan 2008.

Description: **John Oates,** Tuross Head, NSW.

Details of Application

Application Number	2010/258
Variety Name	'SCALA'
Genus Species	*Lactuca sativa*
Common Name	Lettuce
Synonym	Nil
Accepted Date	06 Dec 2010
Applicant	Nunhems B.V. Haelen, The Netherlands.
Agent	Shelston IP, Sydney, NSW.
Qualified Person	John Oates

Details of Comparative Trial

Overseas Testing Authority	European Community
Overseas Data Reference Number	SLA 2662 30318
Location	Naktouinbouw NL
Descriptor	Lettuce (*Lactuca sativa*) TG/13/3
Period	2009-2010
Measurements	Variety Description for 'Cosmos' from Australian and European trials. 'Clemente' from Australian trials. 'Counter' from European data.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: Resulting from the cross made between the female parent 'Cosmos' and the male parent, a Nunhems breeding line 72970315, a number of F1 plants were self pollinated. From the second to the sixth generation pedigree selection was performed. From the seventh to the eighth generation line selection was performed. Selection criteria were: Seed colour: white; Head: shape and size; Plant: diameter; Bolting: time to begin; Leaf: colour, shape; and Disease resistance: *Bermia lactucae* and *Nasonovia ribisnigri*. Nun 6507 LT was the final selection. Breeder: Nunhem's B.V. breeding team.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Seed	colour	white
Leaf	anthocyanin colouration	absent
Resistance	isolate Bl:16	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Clemente'	
'Cosmos'	
'Counter'	

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

Organ/Plant Part: Context	'SCALA'	'Clemente'	'Cosmos'	'Counter'
☐ *Seed: colour	white	white	white	white
☐ *Seedling: anthocyanin colouration	absent	absent	absent	absent
☐ Leaf: attitude at 10-12 leaf stage	semi-erect	erect	semi-erect	
☐ Leaf blade: division	entire	entire	entire	
☑ *Plant: diameter	medium	medium	large to very large	medium
☐ *Plant: head formation	closed head	open head	closed head	
☑ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	medium		very weak to weak	
☑ Head: density	medium	loose	loose	
☑ Head: size	medium	large	medium	
☐ *Head: shape in longitudinal section	broad elliptic	narrow elliptic	broad elliptic	
☑ Leaf: thickness	medium	medium	thick	
☐ Leaf: attitude at harvest maturity	erect to semi-erect	erect to semi-erect	erect to semi-erect	
☑ *Leaf: shape	obovate	medium elliptic	broad elliptic	
☐ Leaf: shape of tip	rounded	rounded	rounded	
☑ *Leaf: hue of green colour of outer leaves	absent	greyish	absent	
☑ *Leaf: intensity of colour of outer leaves	dark	medium	dark	
☐ *Leaf: anthocyanin colouration	absent	absent	absent	
☑ Leaf: glossiness of upper side	medium	very weak to weak	medium to strong	
☑ *Leaf: blistering	strong to very strong	medium	medium	
☐ Leaf: size of blisters	small to medium	medium	small to medium	
☐ *Leaf blade: degree of undulation of margin	absent or very weak	very weak to weak	very weak to weak	
☐ Leaf blade: incisions of margin on apical part	absent	absent	absent	
☐ Leaf blade: venation	not flabellate	not flabellate	not flabellate	
☐ Axillary: sprouting	weak	weak	weak	
☑ Time of: harvest maturity	late	early	very late	

☐ *Time of: beginning of bolting under long day conditions	late to very late	medium to late	very late	
☑ Plant: fasciation	present	absent	present	
☐ Plant: intensity of fasciation	very weak		very weak	
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:2	present			
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:5	present			
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:7	present			
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:12	present			
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:14	present			
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:15	present			
☐ *Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:16	present		present	
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17	present			
☑ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:18	present		present	absent
☑ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:20	present		present	absent
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21	present		present	
☑ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22	present		absent	absent
☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23	present		present	
☑ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24	present		present	absent
☑ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25	present		present	absent
☐ Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	absent		absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'SCALA'	'Clemente'	'Cosmos'	'Counter'

☑ Resistance: downy mildew (*Bremia lactucae*) Isolate Bl:26	present	absent	absent
☑ Resistance: *Nasonovia ribisnigri*	present	present	absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2008	Granted	'SCALA'
EU	2008	Granted	'SCALA'

First sold in The Netherlands in Oct 2008 and first sale in Australia in Nov 2009.

Description: **John Oates**, Tuross Head, NSW.

Details of Application

Application Number	2010/226
Variety Name	'SuperSiriver II'
Genus Species	*Medicago sativa*
Common Name	Lucerne
Synonym	SuperCharge
Accepted Date	11 Jan 2011
Applicant	Seed Genetics Australia Pty Ltd, Unley, SA
Agent	N/A
Qualified Person	Joanne Williams

Details of Comparative Trial

Location	Keith, South Australia
Descriptor	Lucerne (*Medicago sativa*) TG/6/5
Period	2004-2011
Conditions	A comparative trial was conducted in a commercial field with flood irrigation. Plants were propagated from seed sown at 5 kg/ha in plots 10 x 2 m on 19 June 2009.
Trial Design	Randomised Block Design with three replicates.
Measurements	Observations were taken from sixty randomly selected plants, two and six weeks after autumn equinox 2010. Flowering scores were recorded in Jan 2011 and number of pod measurements were recorded in early Mar 2011.
RHS Chart - edition	N/A

Origin and Breeding

Open pollination: plants were selected from 'SuperSiriver' plots in nurseries and progenies were evaluated and reselected. Selection criteria was based on high seed yield, high winter activity and leafiness. Seed from polycross blocks were sown for evaluation in comparative trial. Breeder: Seed Genetics 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
Plant	growth habit in autumn of the first year	erect
Plant	natural height in spring	tall
Time of	beginning of flowering	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'SuperSiriver'	
'SuperSonic'	
'SuperStar'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Siriver'	Main stem	number of pods	high	low
'Cuff101'	Main stem	number of pods	high	low

‘Siriver Mk II’	Main stem	number of pods	high	low

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

Organ/Plant Part: Context	‘SuperSiriver II’	‘SuperSiriver’	‘SuperSonic’	‘SuperStar’
☐ Plant: growth habit in autumn of the first year	erect	erect	erect	erect
☐ *Plant: natural height 2 weeks after the first autumn equinox following sowing	tall	tall	tall	tall
☐ *Plant: natural height 6 weeks after the first autumn equinox following sowing	tall	tall	tall	tall
☐ *Plant: natural height in spring	tall	tall	tall	tall
☐ *Time of: beginning of flowering	early	early	early	early
☐ *Flower: frequency of plants with very dark blue violet flowers	medium	medium	medium	medium
☐ *Flower: frequency of plants with variegated flowers	absent or very low	absent or very low	absent or very low	absent or very low
☐ *Flower: frequency of plants with cream, white or yellow flowers	absent or very low	absent or very low	absent or very low	absent or very low
☐ *Stem: length of the longest stem at full flowering	long to very long	long	long	long
☐ *Plant: tendency to grow during winter	dormancy rating 9	dormancy rating 9	dormancy rating 9	dormancy rating 9

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘SuperSiriver II’	‘SuperSiriver’	‘SuperSonic’	‘SuperStar’
☑ Main stem: racemes	moderate	moderate	moderate	high
☑ Main stem: number of pods	moderate	low	moderate	high
☑ Main stem: aborted racemes	moderate	high	low	moderate

Statistical Table

Organ/Plant Part: Context	‘SuperSiriver II’	‘SuperSiriver’	‘SuperSonic’	‘SuperStar’
☑ Main stem: number of pods				

Mean	25.06	19.20	31.80	38.36
Std. Deviation	12.22	11.75	11.77	13.97
LSD/sig	5.69	P≤0.01	P≤0.01	P≤0.01
☑ Main stem: racemes				
Mean	8.19	7.98	8.39	9.95
Std. Deviation	3.10	3.63	3.11	4.02
LSD/sig	1.64	ns	ns	P≤0.01
☑ Main stem: aborted racemes				
Mean	3.48	5.67	2.51	2.98
Std. Deviation	2.77	4.23	1.94	2.70
LSD/sig	0.95	P≤0.01	P≤0.01	ns

Prior Applications and Sales

First sold in Saudi Arabia Aug 2008.

Description: **Joanne Williams,** Keith, SA

Details of Application

Application Number	2011/094
Variety Name	'HF001'
Genus Species	*Hymenosporum flavum*
Common Name	Native Frangipani
Synonym	Nil
Accepted Date	07 Dec 2011
Applicant	Peter Goldup, Mt Evelyn, VIC
Agent	Bushland Flora, Mt Evely, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Mt Evelyn, VIC
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Autumn to Spring 2011
Conditions	Plants were grown in 20cm pots in the open in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on the ground covered with screenings with overhead watering.
Trial Design	10 Plants in block design.
Measurements	Taken from middle third of stem.
RHS Chart - edition	2007

Origin and Breeding

Open pollination followed by seedling selection: seed was sown from commercially purchased seed of *Hymenosporum flavum*. The candidate was selected from the resultant seedlings based on its height and habit. It has been grown on to determine uniformity and stability. Breeder: Peter Goldup, Mt Evelyn VIC.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	short
Plant	type	shrub

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Gold Nugget'	

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

Organ/Plant Part: Context	'HF001'	'Gold Nugget'
☐ Plant: type	shrub	shrub
☐ Plant: growth habit	spreading	bushy
☐ Plant: size	small	small
☐ Plant: height	short	short
☐ Plant: width	medium to broad	medium

☐	Plant: time of beginning of flowering	medium	medium
☐	Stem: degree of hairiness	medium	medium
☐	Stem: thorns, prickles, spines etc	absent	absent
☐	Stem: presence of hairs	absent	absent
☐	Stem: presence of anthocyanin in new growth	absent	absent
☐	Leaf: leaf type	simple	simple
☐	Leaf: size	medium	medium
☐	Leaf: shape	elliptic	elliptic
☐	Leaf: shape of apex	acuminate	acuminate
☐	Leaf: shape of base	acuminate	acuminate
☐	Leaf: incision of margin	present	present
☐	Leaf: type of incision	incised	incised
☐	Leaf: depth of incision	deep	deep
☐	Leaf: undulation of the margin	very weak	very weak
☐	Leaf: shape of cross-section	concave	concave
☐	Leaf: curvature of longitudinal axis	recurved	recurved
☑	Leaf: glossiness of upper side	very strong	medium
☑	Leaf: green colour	dark	light
☐	Leaf: presence of variegation	absent	absent
☑	Leaf: primary colour (RHS colour chart)	green N137A	green 143A
☐	Flower: diameter	medium	medium to large

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'HF001'**	**'Gold Nugget'**
☑ Stem: attitude	horizontal	erect

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/011
Variety Name	'Black Magic'
Genus Species	*Phormium cookianum*
Common Name	New Zealand Mountain Flax
Synonym	Nil
Accepted Date	28 Jan 2010
Applicant	Vince Naus, New Zealand
Agent	Touch of Class Plants Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Tynong, VIC
Descriptor	Phormium (*Phormium tenax*)
Period	Autumn to spring 2011
Conditions	Plants were grown in 15cm pots in a covered polyhouse with rollup sides in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on wire benches with overhead watering.
Trial Design	10 plants in block design
Measurements	Taken from middle third of stem
RHS Chart - edition	Fifth edition

Origin and Breeding

Open pollination followed by seedling selection: during 2005 self-pollinated *Phormium cookianum* seed was sown and raised in a communal tray by the breeder at 1217 Devon Rd, New Plymouth, New Zealand. As these plants developed, one was isolated due to its plant habit. This selection was then grown on to review its characteristics. Final selection was made on the basis of its leaf colour very dark bronze/black and its leaf size very small. This plant was then divided and some plants initiated into tissue culture. Several generations of plants have now been grown out, all remaining uniform and stable. Breeder Vince Naus, New plymouth, 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	main colour	brown

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Black Rage'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Platt's Black'	Leaf	glossiness	strong	weak
'Platt's Black'	Leaf	number of leaves	very many	few
Chocolate Fingers	Leaf	margin green	absent	present

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

Organ/Plant Part: Context	'Black Magic'	'Black Rage'
☑ Plant: height	very short	medium to tall
☑ Plant: width	very narrow	medium
☑ Plant: number of suckers	very many	medium
☑ Plant: number of leaves	very many	medium to many
☐ Plant: main colour	brown	brown
☑ Leaf: length	very short	medium
☑ Leaf: width at broadest part	very narrow	medium
☐ Young leaf: main colour of middle zone on upper side (RHS colour chart)	brown 200C	brown 200B
☐ Leaf: main colour of middle zone on upper side (RHS colour chart)	brown 200A	brown 200A

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2009	Applied	'Black Magic'

First sold in August 2008 in New Zealand and first sold in February 2009 in Australia.

Description: **Mr Mark Lunghusen,** 1975 South Gippsland Highway, Cranbourne, VIC.

Details of Application

Application Number	2010/090
Variety Name	'FIT01'
Genus Species	*Phormium cookianum*
Common Name	New Zealand Mountain Flax
Synonym	Nil
Accepted Date	02 Nov 2010
Applicant	Pat Fitzgerald, Kilkenny, Ireland
Agent	Greenhill's Propagation Nursery Pty Ltd, Tynong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Tynong, VIC
Descriptor	Phormium (*Phormium tenax*) PBR PHOR
Period	Autumn to Spring 2011
Conditions	Plants were grown in 20cm pots in a covered polyhouse with no walls in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
Trial Design	10 plants in block design.
Measurements	Taken from middle third of leaf.
RHS Chart - edition	Fifth edition.

Origin and Breeding

Spontaneous mutation: The new variety was created through tissue culture mutation in Enniscorthy, Ireland, from the variety *Phormium cookianum* 'Platts Black'. This variety was selected as a single plant from a number of different natural mutations in a tissue laboratory in Mar 2003. Five different mutations were isolated for possible development, from which the present invention was chosen for further multiplication production. In Jan 2005, the cultures of 'FIT01' were further multiplied and the first crop began to develop. The variety was grown in both pots and one large original plant remains in situ outdoors. All plants were grown in Kilkenny, Ireland. For purposes of this application, the plants were evaluated outdoors and indoors in a plastic green house. Following selection of the plantlet, the cultivar was propagated by tissue culture of multiplication from auxiliary growing shoots in a laboratory in Enniscorthy, Ireland. Continued observation of future generations have confirmed that the distinguishing features of this new cultivar came true, remain stable and are retained through successive propagation. Propagation: vegetative. Breeder: Pat Fitzgerald, Kilkenny, Ireland.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	medium
Plant	width	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Black Rage'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
Platt's Black	Leaf	glossiness	strong	weak
	leaf	width	medium	narrow

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

Organ/Plant Part: Context	'FIT01'	'Black Rage'
☐ Plant: height	medium	medium
☐ Plant: width	medium	medium
☑ Plant: number of suckers	very few	medium
☑ Plant: number of leaves	few	medium to many
☐ Plant: main colour	purple	brown
☐ Leaf: length	medium	medium
☐ Leaf: width at broadest part	medium	medium
☑ Young leaf: main colour of middle zone on upper side (RHS colour chart)	purple N77A	brown 200B
☑ Leaf: main colour of middle zone on upper side (RHS colour chart)	purple N77A	brown 200A

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'FIT01'	'Black Rage'
☑ Leaf: colour at base	purple	green

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2007	Granted	'FIT01'

First sold in United Kingdom in July 2006 and in Australia in May 2009 under the name of 'Black Adder'.

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

Details of Application

Application Number	2010/136
Variety Name	'Aladdin'
Genus Species	*Avena sativa*
Common Name	Oats
Synonym	Nil
Accepted Date	07 Mar 2011
Applicant	The State of Queensland through its Department of Employment, Economic Development and Innovation, Brisbane, QLD
Agent	N/A
Qualified Person	Bruce Winter

Details of Comparative Trial

Location	Leslie Research Centre, Toowoomba, QLD. Lat: 27.54° S, Long: 151.92° E, Alt: 640m AMSL
Descriptor	Oats (*Avena sativa*) TG/20/10
Period	May – Nov 2011
Conditions	The trial was sown into a well prepared seedbed at Leslie Research Centre, Toowoomba on 17 May 2011. The trial was well fertilised and conducted under irrigated conditions. A foliar fungicide was applied to control crown rust (*Puccinia coronata*) in susceptible varieties towards the end of the trial.
Trial Design	The trial consisted of three replications of each variety in a randomised block design. Each plot was a single row 15m long with single plants spaced at approximately 15cm, and a row spacing of 1 metre.
Measurements	Metric characters were measured on 20 consecutive plants in each plot, but the same plants were not necessarily used for each character. The data for plot means was analysed to test significance.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: a cross was made between the two oat parental lines using emasculation and controlled pollination in 2003. Segregating F_2 populations from this cross were evaluated in 2005 for resistance to crown rust using artificial inoculation in a glasshouse. Resistant individual plants were grown to maturity in pots, and then evaluated in the field in 2006 for maturity, agronomic type, and resistance to crown rust. The single plant selection 030505-63 was increased as a bulk through F_4 and F_5 generations in 2006 and 2007 with removal of off-types, mostly early-flowering plants and crown rust susceptible plants. This selection was advanced on the basis of complete resistance to crown rust, late maturity, and high forage yield in cutting trials in 2007. The selection was renamed QA51 and further evaluated in cutting trials and regional observation trials in 2008 and 2009. Propagation: Seed. Breeder: Mr. Bruce Winter, Department of Employment, Economic Development and Innovation.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Stem	hairiness of uppermost node	present
Panicle	attitude of spikelets	pendulous
Panicle	orientation of branches	equilateral
Primary grain	glaucosity of lemma	absent
Grain	colour of lemma	yellow
Grain	husk	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Genie'	Commercial, late maturity forage variety.
'Drover'	Commercial, intermediate maturity forage variety.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Dawson'	Plant	reaction to crown rust	resistant	susceptible
'Taipan'	Plant	reaction to crown rust	resistant	susceptible
'Volta'	Plant	reaction to crown rust	resistant	susceptible
'Nugene'	Plant	reaction to crown rust	resistant	susceptible
'Moola'	Plant	reaction to crown rust	resistant	susceptible
'Graza 51'	Plant	reaction to crown rust	resistant	susceptible
'Graza 80'	Plant	reaction to crown rust	resistant	susceptible
'ZOR98-180'	Plant	height	long (145cm)	very long(165cm)
'Guiaba'	Plant	time of panicle emergence	late (143days)	medium to late (133days)

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

Organ/Plant Part: Context	'Aladdin'	'Drover'	'Genie'
☑ Plant: growth habit	semi-erect	intermediate	erect to semi-erect
☐ Lowest leaves: hairiness of sheaths	absent or very weak	absent or very weak	absent or very weak
☐ *Leaf blade: hairiness of margins of leaf below flag leaf	absent or very weak	absent or very weak	absent or very weak
☑ *Time of: panicle emergence	late	late	very late
☐ *Stem: hairiness of uppermost node	present	present	present
☐ Stem: intensity of hairiness of uppermost node	weak	very weak	very weak
☐ Panicle: orientation of branches	equilateral	equilateral	equilateral
☐ Panicle: attitude of branches	semi-erect	semi-erect	erect to semi-erect

Panicle: attitude of spikelets	pendulous	pendulous	pendulous
Glumes: glaucosity	absent or very weak	absent or very weak	absent or very weak
Glumes: length	long	long	very long
*Primary grain: glaucosity of lemma	absent	absent	absent
*Plant: length	long	long	very long
Panicle: length	long	long to very long	very long
*Grain: husk	present	present	present
Primary grain: tendency to be awned	weak	weak	weak
Primary grain: length of lemma	medium	medium	medium
*Grain: colour of lemma	yellow	yellow	yellow
Primary grain: hairiness of back of lemma	absent	absent	absent
Primary grain: hairiness of base	weak	weak	weak
Primary grain: length of basal hairs	medium	short	short
Primary grain: length of rachilla	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Aladdin'	'Drover'	'Genie'
Flag leaf: glaucosity of sheath	medium	strong	medium

Statistical Table

Organ/Plant Part: Context	'Aladdin'	'Drover'	'Genie'
Plant: time of panicle emergence (days)			
Mean	143.00	144.00	147.00
Std. Deviation	0.00	0.00	0.60
LSD/sig	1.1	ns	P≤0.01
Glumes: length (mm)			
Mean	21.30	20.90	24.50
Std. Deviation	1.10	1.00	1.10
LSD/sig	1.2	ns	P≤0.01
Plant: length (cm)			
Mean	145.00	147.00	173.00
Std. Deviation	6.30	8.30	7.90
LSD/sig	9.2	ns	P≤0.01
Panicle: length (cm)			
Mean	26.00	28.00	40.00
Std. Deviation	3.00	2.50	4.00
LSD/sig	1.7	P≤0.01	P≤0.01
Flag leaf: length (cm)			
Mean	26.00	26.00	23.00
Std. Deviation	3.80	4.70	4.00

LSD/sig	3.0	ns	ns
☑ Flag leaf: width (mm)			
Mean	25.00	27.00	28.00
Std. Deviation	3.60	3.20	3.20
LSD/sig	2.3	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Bruce Winter,** Leslie Research Centre, Toowoomba, QLD.

Details of Application

Application Number	2009/315
Variety Name	'SAKPXC006'
Genus Species	*Petunia* x *Calibrachoa*
Common Name	Petchoa
Synonym	Nil
Accepted Date	16 Apr 2010
Applicant	Sakata Seed Corporation, Yokohama, Japan
Agent	Sakata Seed Oceania, Warragul, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	Plant Breeder's Rights Office, Ottawa, Canada
Overseas Data Reference Number	09-6670
Location	Bioflora Inc, St Thomas, Ontario, Canada
Descriptor	Petunia (*Petunia*) TG/212/1
Period	Spring 2010
Conditions	Trials for 'SAKPXC006' were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. The trials included a total of 15 plants of each variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on Apr 27 2010. Observations and measurements were taken from 10 plants of each variety on Jun 3 2010. Observations verified at Keysborough, VIC in Nov 2011.
Trial Design	15 plants in block design
Measurements	All measurements have been taken using UPOV technical guideline.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: In May 2003, the new *Petunia-Calibrachoa* variety was developed using an intergeneric cross between *Petunia hybrida* (04H-64) and a *Calibrachoa hybrida* (04-62). After crossing the parent lines, 1530 ovules were removed from flowers on the female parent and cultured by standard ovule culture techniques. In Dec 2003, 10 intergeneric hybrid plantlets were transplanted to soilless media for greenhouse culture and acclimatization. In Mar 2004, 10 plants out of 10 hybrid lines were vegetatively propagated to produce rooted cuttings. In April 2004, the 10 plants were transplanted to an open field and evaluated for flower colour and plant growth habit through Jul. In Jul 2004, one plant which had a purple flower colour, medium-large size flowers and a semi-creeping plant habit was selected and vegetatively propagated. In Jan 2007, a breeder obtained a mutation line from the selected plant which had a blue flower color. From Jan to Oct 2007, the new plant was propagated and transplanted. In Nov 2007, the breeder confirmed that the distinct characteristics of the selection were distinct, uniform and stable. Breeder Akinobu Ui, Yokohama, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf blade	variegation	absent
Flower	type	single

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kakegawa S90'	Syn SuperCal 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	'SAKPXC006'	'Kakegawa S90'
☐ *Plant: growth habit	upright	
☐ *Plant: height	medium to tall	
☐ *Shoot: length	medium to long	
☐ Shoot: thickness	thin	
☐ *Leaf blade: length	medium to long	
☐ *Leaf blade: width	very narrow to narrow	
☐ *Leaf blade: shape	elliptic	
☐ Leaf blade: shape of apex	broad acute	
☐ *Leaf blade: variegation	absent	absent
☐ *Leaf blade: green colour of upper side (varieties with non-variegated leaves only)	medium	
☐ Leaf blade: blistering	absent	
☐ Pedicel: length	short	
☐ *Sepal: length	medium	
☐ *Sepal: width	very narrow	
☐ Sepal: shape	linear	
☐ Sepal: anthocyanin colouration	absent	
☐ *Flower: type	single	single
☐ *Flower: shape	salverform	
☐ Flower: colour of veins	purple	
☐ *Corolla lobe: number of colours of upper side	one	
☑ *Corolla lobe: main colour of upper side (RHS colour chart)	N81A	N74A
☐ *Corolla lobe: conspicuousness of veins on upper side	medium	
☐ Corolla lobe: undulation of margin	medium	

*Corolla tube: main colour of inner side (RHS colour chart)	5B-C
Corolla tube: conspicuousness of veins on inner side	very strong
*Anther: colour before dehiscence	yellowish white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'SAKPXC006'	'Kakegawa S90'
Corolla lobe: colour of secondary veins	79 B-C	
Corolla lobe: colour of mature flower	N82A	more purple than N74B
Corolla tube: colour of veins on inner side	N79A and N92A	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2009	Granted	'SAKPXC006'
New Zealand	2010	Applied	'SAKPXC006'
EU	2009	Granted	'SAKPXC006'
USA	2009	Granted	'SAKPXC006'

Prior Sales: Nil

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

Details of Application

Application Number	2009/317
Variety Name	'SAKPXC005'
Genus Species	*Petunia* x *Calibrachoa*
Common Name	Petchoa
Synonym	Nil
Accepted Date	16 Apr 2010
Applicant	Sakata Seed Corporation, Yokohama, Japan
Agent	Sakata Seed Oceania, Warragul, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	Plant Breeder's Rights Office, Ottawa, Canada
Overseas Data Reference Number	09-6669
Location	Bioflora Inc, St Thomas, Ontario, Canada
Descriptor	Petunia (*Petunia*) TG/212/1
Period	Spring 2010
Conditions	Trials for 'SAKPXC005' were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. The trials included a total of 15 plants of each variety. All plants were grown from rooted cuttings and transplanted into 15 cm pots on Apr 27 2010. Observations and measurements were taken from 10 plants of each variety on Jun 3 2010. Observations were verified at Keysborough, VIC, Nov 2011.
Trial Design	15 plants in block design
Measurements	All measurements have been taken using UPOV technical guideline.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: in Oct 2004, the new *Petunia-Calibrachoa* (Petchoa) variety was developed using an intergeneric cross between *Petunia hybrida* and a *Calibrachoa hybrida*. After crossing the parent lines, 1500 ovules were removed from flowers on the female parent and cultured by standard ovule culture techniques. In Dec 2004, 1 intergeneric hybrid plantlet was transplanted to soilless media for greenhouse culture and acclimatization. In Apr 2005, the selected plant was vegetatively propagated to produce rooted cuttings. The selected plant was transplanted to an open field and evaluated for flower colour and plant growth habit through Jul 2005. The selected plant, named 'SAKPXC005', has a cream and light pink with vein flower colour, medium-large flower size and a mounding plant habit. From August to Nov 2005, 'SAKPXC005' was vegetatively propagated and transplanted into a field. In Nov 2005, the breeder confirmed that the distinct characteristics of selection 'SAKPXC005' were fixed and stable. Breeder Akinobu Ui, Yokohama, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf blade	variegation	absent
Flower	type	single

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kakegawa S91'	Syn SuperCal Terracotta.

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

Organ/Plant Part: Context	'SAKPXC005'	'Kakegawa S91'
☐ *Plant: growth habit	upright	
☐ Shoot: thickness	thin	
☐ Leaf blade: shape of apex	broad acute	
☐ *Leaf blade: variegation	absent	absent
☐ *Leaf blade: green colour of upper side (varieties with non-variegated leaves only)	medium	
☐ Leaf blade: blistering	absent	
☐ Sepal: shape	linear	
☐ Sepal: anthocyanin colouration	absent	
☐ *Flower: type	single	single
☐ *Flower: shape	salver form	
☐ Flower: colour of veins	yellow	
☐ *Corolla lobe: number of colours of upper side	more than two	
☐ *Corolla lobe: main colour of upper side (RHS colour chart)	NN155B	
☑ *Corolla lobe: secondary colour of upper side (bi- and mult-coloured varieties only) (RHS colour chart)	4B-C	9A
☑ *Corolla lobe: distribution of secondary colour (bi- and multi-coloured varieties only)	at transition to corolla tube	at margin
☐ Corolla lobe: tertiary colour of upper side (multi-coloured varieties only) (RHS colour chart)	75A	N74A-B
☐ *Corolla lobe: conspicuousness of veins on upper side	strong	
☐ Corolla lobe: undulation of margin	weak	
☐ *Corolla tube: main colour of inner side (RHS colour chart)	yellow 9A-B	
☐ Corolla tube: conspicuousness of veins on inner side	strong	
☐ *Anther: colour before dehiscence	yellowish white	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'SAKPXC005'	'Kakegawa S91'
☑ Corolla lobe: colour of secondary veins	75A-B	41C-D
☐ Corolla tube: colour of veins on inner side	brown purple N77A	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2009	Granted	'SAKPXC005'
EU	2009	Granted	'SAKPXC005'
NZ	2011	Applied	'SAKPXC005'
USA	2009	Granted	'SAKPXC005'

Prior Sales: Nil

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

Details of Application

Application Number	2009/156
Variety Name	'Balperblues'
Genus Species	*Petunia*
Common Name	Petunia
Synonym	Rhythm and Blues
Accepted Date	05 Nov 2009
Applicant	Ball Horticultural Company, West Chicago, Illionis, USA
Agent	Ball Australia Pty. Ltd. Keysborough, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Overseas Testing Authority	Plant Breeder's Rights Office, Ottawa, Canada
Overseas Data Reference Number	09-6542
Location	Bioflora Inc, St Thomas, Ontario, Canada
Descriptor	Petunia (*Petunia*) TG/212/1
Period	Spring 2010
Conditions	Trials for 'Balperblues' were conducted in a polyhouse during the spring of 2010 in St. Thomas, Ontario. The trial included a total of 15 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 15 cm pots on Apr 27, 2010. Observations and measurements were taken from 10 plants of each variety on Jun 1, 2010. Overseas data verified at Keysborough, VIC in Nov 11.
Trial Design	15 plants in block design
Measurements	Taken from middle third of stem
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: the seed parent of the new cultivar is the proprietary Petunia Juss. breeding selection designated 05P633 (not patented) characterised by its medium purple-coloured flowers, medium green-coloured foliage, and moderately vigorous, trailing growth habit. The pollen parent of the new cultivar is the proprietary Petunia Juss. breeding selection designated 05P413(not patented) characterized by its dark blue with white margined bicoloured flowers, medium green-coloured foliage, and moderately vigorous, trailing growth habit. The new cultivar was discovered and selected as a single flowering plant within the progeny of the above stated cross-pollination during May 2006 in a controlled environment at Südlohn, Germany. Breeder Heinrich Westhoff, Sudlohn, 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
Leaf blade	variegation	absent
Flower	type	single
Corolla lobe	number of colours	two

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Evita'	

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

Organ/Plant Part: Context	'Balperblues'	'Evita'
☐ Shoot: thickness	thin to medium	
☑ *Leaf blade: length	short to medium	medium to long
☑ *Leaf blade: width	narrow to medium	medium to broad
☑ Leaf blade: shape of apex	narrow acute	obtuse
☐ *Leaf blade: variegation	absent	absent
☐ *Leaf blade: green colour of upper side (varieties with non-variegated leaves only)	light	
☐ Leaf blade: blistering	absent	
☑ Petiole: length	short	medium to long
☑ Pedicel: length	short to medium	medium to long
☐ Sepal: anthocyanin colouration	absent	
☐ *Flower: type	single	single
☐ *Flower: shape	salverform	
☐ Flower: colour of veins	purple	
☐ *Corolla lobe: number of colours of upper side	two	two
☐ *Corolla lobe: main colour of upper side (RHS colour chart)	violet N87A	
☐ *Corolla lobe: secondary colour of upper side (bi- and mult-coloured varieties only) (RHS colour chart)	white NN155C	
☐ *Corolla lobe: distribution of secondary colour (bi- and multi-coloured varieties only)	at margin	
☐ *Corolla lobe: conspicuousness of veins on upper side	absent or very weak	
☐ Corolla lobe: undulation of margin	weak	
☐ Corolla tube: length	medium	medium to long
☐ *Corolla tube: main colour of inner side (RHS colour chart)	violet N87C-D	
☐ Corolla tube: conspicuousness of veins on inner side	strong	
☐ *Anther: colour before dehiscence	yellowish white	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Balperblues'	'Evita'
☐ Sepal: shape	linear to obovate	

☐	Plant: habit	upright to creeping	
☐	Leaf: shape	ovate and elliptic	
☑	Plant: width	broad	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2009	Granted	‘Balperblues’
EU	2009	Withdrawn	‘Balperblues’

First overseas sale in April 2009.

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

Details of Application

Application Number	2007/115
Variety Name	'Kiwijade'
Genus Species	*Pittosporum tenuifolium*
Common Name	Pittosporum
Synonym	Nil
Accepted Date	25 Jul 2007
Applicant	Jeff Elliott, Amberley, New Zealand
Agent	Hermitage Nursery, Tuerong, VIC
Qualified Person	Mark Lunghusen

Details of Comparative Trial

Location	Tuerong, VIC
Descriptor	Pittosporum (*Pittosporum*) PBR PITT
Period	2010-2011
Conditions	Plants were grown in 30cm pots in the open in commercial pine bark based potting mix with controlled release fertiliser. Watering was by overhead sprinklers.
Trial Design	10 plants in block design.
Measurements	Taken from middle third of stem.
RHS Chart - edition	Fifth edition

Origin and Breeding

Open pollination followed by seedling selection: 'Kiwijade' the original seedling was identified as a plant that was significantly different from the other plants in the batch. Cuttings were taken from this plant and grown on to determine uniformity and stability and over generations with no off-type observed. Breeder: Jeff Elliott, Amberley, New Zealand

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

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

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Going Green'	Most similar 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	'Kiwijade'	'Going Green'
☐ Plant: type	shrub	shrub
☐ Plant: height	medium	medium to tall
☐ Plant: width	medium	medium
☑ Plant: density	dense	sparse to medium

Plant: attitude of distal part of branches	erect	erect
New shoot: main colour of midrib on leaves	greenish	greenish
Stem: colour (RHS Colour Chart)	brown 200A	brown 200A
Stem: length of internode	medium	medium
Petiole: length	medium	medium
Leaf blade: shape	elliptic	ovate
Leaf blade: shape of apex	acute	acute
Leaf blade: shape of base	obtuse	obtuse
Leaf blade: undulation of margin	weak to medium	weak to medium
Leaf blade: shape of margin	entire	entire
Leaf blade: shape in cross section	concave	concave
Leaf blade: curvature of longitudinal axis	medium	medium
Leaf blade: twisting around longitudinal axis	weak	weak
Leaf blade: number of colours on upper side	one	one
Leaf blade: main colour on upper side (RHS Colour Chart)	green N137A	green N137A
Leaf blade: main colour of lower side (RHS Colour Chart)	green 146C	green 146C
Leaf blade: glossiness	medium	medium
Leaf blade: anthocyanin colouration	absent of very weak	absent of very weak
Leaf blade: hairiness on lower side	absent or very weak	absent or very weak
Leaf blade: colour of hairs on lower side	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Kiwijade'	'Going Green'
Leaf: colour of margin	green	white
Leaf: presence of hairs	absent	present

Statistical Table

Organ/Plant Part: Context	'Kiwijade'	'Going Green'
Leaf: length (mm)		
Mean	59.67	49.92
Std. Deviation	3.75	3.31
LSD/sig	3.82	P≤0.01
Leaf: width (mm)		
Mean	28.55	26.58
Std. Deviation	1.48	1.12
LSD/sig	1.98	P≤0.01

Prior Applications and Sales

Nil.

First sold in Australia April 2006.

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

Details of Application

Application Number	2011/172
Variety Name	'B123'
Genus Species	*Ptilotus* hybrid
Common Name	Ptilotus
Synonym	Nil
Accepted Date	20 Oct 2011
Applicant	The University of Queensland, Brisbane, QLD
Agent	Fisher Adams Kelly, Brisbane, QLD
Qualified Person	Dion Harrison

Details of Comparative Trial

Location	Gatton, QLD, Australia
Descriptor	Ptilotus (*Ptilotus*) PBR PTIL
Period	Oct 2011 – Feb 2012
Conditions	Plants were propagated by cuttings and grown in 140 mm pots in a soil-less medium under outdoor conditions, fertilised with controlled release fertiliser and drip irrigated.
Trial Design	Complete randomised design with equal replication.
Measurements	Measurements were taken from 20 plants per variety.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: The candidate variety arose from a series of scientific experiments performed to investigate the breeding compatibility of *Ptilotus nobilis* and *Ptilotus exaltatus*, with the intention of producing an interspecific hybrid. The candidate was derived via controlled pollination in an insect-proof glasshouse from crosses involving 18 fully developed florets on the one inflorescence of maternal parent *P. nobilis* Pn1 (Cunnamulla), which were emasculated prior to anther dehiscence on the day of anthesis (between the 22 Aug 06 and the 3 Sep 06). Maternal florets were hand pollinated on the 3 Sep 06 using pollen from paternal parent *P. exaltatus* var. *semilanatus* Pes2. During the experiment, both maternal and paternal parents' inflorescences were bagged to prevent contamination with unwanted pollen. Only one viable seed set from this cross combination which was sown in tissue culture on deFossards basal medium on 6 Feb 07. The germinated seedling was deflasked on 21 Feb 07 and grown on in the nursery. The plant was first evaluated on 21 May 07 where it was noted to be very attractive with its multiple pink inflorescences on a short upright plant (30 cm high) with dark green foliage. On the 14 Jun 07, it was selected for further evaluation noting its numerous inflorescences (total 31 visible inflorescences on 10 primary stems), and pink flower colour. The selection was chosen having the following unique combination of characteristics: upright plant form, short plant height, very high basal branching, numerous inflorescences with up to 4 heads per primary stem, inflorescence ovoid to cylindrical in shape, attractive dark green leaves with hairs and undulating margins. A field trial undertaken at Redlands Bay, QLD, between Nov 2008 and Mar 2009 revealed superior garden performance of the candidate compared to the other *Ptilotus* cultivars in the trial (*P. nobilis* cv. 'Passion', *P. nobilis* cv. 'Poise' and *P. nobilis* cv. 'Purity'). Final selection of the candidate was based on its consistently high propagation efficiency from cuttings as determined from a series semi-commercial production trials conducted between Feb 2009 and Aug 2010.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	colour	light to mid pink-purple
Leaf	shape	oblanceolate
Leaf	length of blade	short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Passion'	most similar in inflorescence colour (mid pink-purple)

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Pes2'	Inflorescence	overall colouration	light to mid pink-purple	dark purple	*P. exaltatus* var. *semilanatus*; parent line
'Poise'	Inflorescence	overall colouration	light to mid pink-purple	cream tan/pink	
'Pn1'	Inflorescence	overall colouration	light to mid pink-purple	cream-green	*P. nobilis*; parent line
'Purity'	inflorescence	overall colouration	light to mid pink-purple	cream-green	
'Joey'	Inflorescence	overall colouration	light to mid pink-purple	bright pink	*P. exaltatus*
'Musk Sticks'	Inflorescence	overall colouration	light to mid pink-purple	bright pink	*P. exaltatus*
'Platinum Wallaby'	Inflorescence	overall colouration	light to mid pink-purple	silvery bright pink-purple	*P. exaltatus*

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

	Organ/Plant Part: Context	'B123'	'Passion'
☐	Plant: type	herbaceous perennial	herbaceous perennial
☐	Plant: growth habit	erect	erect
☑	Plant: density	dense	sparse to medium
☑	Plant: height	short	medium
☐	Plant: lodging	weak to medium	medium
☐	Stem: presence of hairs	present	present
☑	Stem: degree of hairiness	medium	very low
☐	Stem: base colouration	present	present
☐	Stem: intensity of colouration	reddish green	reddish green

Leaf: attitude	horizontal	semi-erect
Leaf: length of blade	short	short
Leaf: width of blade	very narrow	narrow
Leaf: shape	oblanceolate	oblanceolate
Leaf: shape of apex	apiculate	apiculate
Leaf: shape of base	attenuate	attenuate
Leaf: presence of hairs	present	absent
Leaf: undulation of the margin	strong	absent or very weak
Leaf: shape of cross-section	concave	flat
Leaf: glossiness of upper side	medium	very weak to weak
Leaf: green colour	medium	light to medium
Leaf: presence of variegation	absent	absent
Leaf: primary colour (RHS colour chart)	137A	138A
Bract: shape	acuminate	acuminate
Bract: width	medium	medium
Bract: length	medium	medium
Bract: primary colour (RHS colour chart)	200C	200C
Inflorescence: maximum number of heads per primary branch	4	2
Inflorescence: attitude	erect	erect
Inflorescence: overall colouration	light to mid purple	mid purple
Inflorescence: shape	ovoid to cylindrical	cylindrical to conical
Inflorescence: tepal tip colour (RHS colour chart)	N74A	N74A
Inflorescence: tepal blade colour (RHS colour chart)	N74A	N74B
Inflorescence: tepal blade venation colour (RHS colour chart)	198D	201C
Inflorescence: tip shape	mildly mucronate	acute

Statistical Table

Organ/Plant Part: Context	**'B123'**	**'Passion'**
Inflorescence: width (cm)		
Mean	4.28	4.58
Std. Deviation	0.10	0.09
LSD/sig	0.08	P≤0.01
Inflorescence : number per plant		

Mean	25.95	18.05
Std. Deviation	5.19	4.58
LSD/sig	4.19	P≤0.01
☑ Plant: height (cm)		
Mean	35.30	44.87
Std. Deviation	3.40	4.21
LSD/sig	3.3	P≤0.01
☑ Inflorescence: length (cm)		
Mean	5.33	9.08
Std. Deviation	0.79	1.28
LSD/sig	0.91	P≤0.01

Prior Applications and Sales

Nil.

Description: **Dion Harrison,** The University of Queensland, Gatton, QLD.

Details of Application

Application Number	2010/313
Variety Name	'C02-073'
Genus Species	*Vaccinium* hybrid
Common Name	Southern Highbush Blueberry
Synonym	
Accepted Date	30 Mar 2011
Applicant	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW.
Agent	
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW
Descriptor	Blueberry (new) (*Vaccinium* spp.) TG/137/4
Period	Aug 2010-Oct 2011
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	2007

Origin and Breeding

Controlled pollination: seed parent 'Bluecrisp' x pollen parent 'Emerald' in 2000 in Florida, USA. The seed parent is characterised by medium to strong plant growth vigour, semi-upright growth habit and early to medium timing of ripening of fruit. The pollen parent is characterised by a medium to strong plant growth vigour and spreading growth habit and late-very late timing of ripening of fruit. 2000: fruit arising from parents sourced from Florida, USA. 6000 subsequently sown and grown on in Corindi Beach, NSW, Australia. 2002: first fruiting; growth and fruiting performances evaluated and 100 seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation. One of these was 'C02-073', the result of a cross between the stated parents. 2004: 'C02-073' concluded as being of commercial value due to its distinctive traits. 2004 – present: Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'C02-073'. Selection took place in Corindi Beach, NSW in 2002. Selection criteria: medium to late season, medium fruit size, firm fruit, strong plant vigour. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Time of	beginning of fruit ripening on	medium to late

	one-year-old shoot	
Plant	growth habit	semi-upright
Leaf	length	long
Fruit	shape in longitudinal section	oblate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Farthing'	
'Scintilla'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Ridley 0328'	fruit	firmness	soft	firm	
'Ridley 0328'	fruit	intensity of bloom	medium	strong	
'Ridley 0328'	fruit	acidity	low to medium	medium to high	

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

	Organ/Plant Part: Context	'C02-073'	'Farthing'	'Scintilla'
☑	*Plant: vigour	medium	strong	medium
☐	*Plant: growth habit	semi-upright	semi-upright	semi-upright
☐	*Leaf: length	long	long	long
☑	Leaf: width	broad to very broad	medium to broad	broad
☐	*Leaf: shape	elliptic	elliptic	elliptic
☐	Leaf: colour of upper side	green	green	green
☐	*Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	medium	medium	medium
☐	*Leaf: margin	entire	entire	entire
☐	Inflorescence: length	short	short	short
☐	*Flower: size of corolla tube	medium	medium	medium
☐	*Flower: anthocyanin colouration of corolla tube	absent or very weak	absent or very weak	absent or very weak
☐	Flower: ridges on corolla tube	present	present	present
☑	Fruit cluster: density	medium	dense	dense
☐	*Unripe fruit: intensity of green colour	light	light	light
☐	*Fruit: size	large to very large	large	large
☐	*Fruit: shape in longitudinal section	oblate	oblate	oblate

☑ Fruit: diameter of calyx basin	very large	medium to large	large
☑ Fruit: depth of calyx basin	shallow to medium	deep	medium
☐ *Fruit: intensity of bloom	medium	medium	medium
☐ *Fruit: colour of skin	dark blue	dark blue	dark blue
☐ Fruit: firmness	soft	soft to medium	very soft to soft
☐ *Fruit: sweetness	medium to high	medium	high
☑ *Fruit: acidity	low to medium	high	low
☐ *Plant: fruiting type	on one-year-old shoots only	on one-year-old shoots only	on one-year-old shoots only
☑ *Time of: vegetative bud burst	early	late	late
☑ *Time of: beginning of flowering on one-year-old shoot	early	very early	early
☐ *Time of: beginning of fruit ripening on one-year-old shoot	medium to late	medium to late	medium to late

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'C02-073'	'Farthing'	'Scintilla'
☐ Fruit: size of scar	small	small	small
☐ Fruit: average weight of ripe berry (g)	4.7	3.5	3.4

Statistical Table

Organ/Plant Part: Context	'C02-073'	'Farthing'	'Scintilla'
☐ Leaf: length (mm)			
Mean	63.70	64.40	66.30
Std. Deviation	5.10	5.40	4.50
LSD/sig	6.22	ns	ns
☐ Leaf: width (mm)			
Mean	37.20	32.50	36.00
Std. Deviation	2.20	3.70	4.60
LSD/sig	4.51	ns	ns
☑ Fruit: diameter (mm)			
Mean	22.70	20.00	20.30
Std. Deviation	1.40	1.60	0.90
LSD/sig	1.65	P≤0.01	P≤0.01
☐ Fruit: diameter of calyx basin (mm)			
Mean	10.90	7.10	7.70
Std. Deviation	1.40	0.60	0.50
LSD/sig	1.16	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/315
Variety Name	'C03-038'
Genus Species	*Vaccinium* hybrid
Common Name	Southern Highbush Blueberry
Synonym	
Accepted Date	30 Mar 2011
Applicant	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Agent	
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW
Descriptor	Blueberry (new) (*Vaccinium* spp.) TG/137/4
Period	Aug 2010 – Oct 2011
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	2007

Origin and Breeding

Controlled pollination: seed parent 'F93-368' x pollen parent 'C97-390' in 2001 in Florida, USA. The seed parent is characterised by a medium fruit size and very early to early timing of ripening of fruit. The pollen parent is characterised by a medium fruit size and very early to early timing of ripening of fruit. 2001: fruit arising from parents sourced from Florida, USA. 6000 subsequently sown and grown on in Corindi Beach, NSW, Australia. 2003: first fruiting; growth and fruiting performances evaluated and 100 seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation. One of these was 'C03-038', the result of a cross between the stated parents. 2005: 'C03-038' concluded as being of commercial value due to its distinctive traits. 2005-present: Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'C03-038'. Selection took place in Corindi Beach, NSW in 2003. Selection criteria: early season, strong plant vigour, small-medium fruit of good flavour, firm fruit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Time of	beginning of fruit ripening on one-year-old shoot	early

Plant	growth habit	semi-upright

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘C03-015’	
‘C03-087’	
‘C95-115’	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘C97-390’	plant	time of ripening of fruit	early	very early to early	
‘S210’	plant	growth habit	semi-upright	upright	
OB1	leaf	width	medium to broad	small 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	‘C03-038’	‘C03-015’	‘C03-087’	‘C95-115’
☐ *Plant: vigour	medium	medium	strong	medium
☐ *Plant: growth habit	semi-upright	semi-upright	semi-upright	semi-upright
☑ *Leaf: length	long	long to very long	very long	long to very long
☐ Leaf: width	medium to broad	medium to broad	broad to very broad	broad
☐ *Leaf: shape	elliptic	elliptic	elliptic	elliptic
☐ Leaf: colour of upper side	green	green	green	green
☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	medium	medium	medium	medium
☐ *Leaf: margin	entire	entire	entire	entire
☑ Inflorescence: length	short	short	medium	medium
☐ *Flower: size of corolla tube	medium	medium	medium	medium
☐ *Flower: anthocyanin colouration of corolla tube	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ Flower: ridges on corolla tube	present	present	present	present
☐ Fruit cluster: density	medium	medium	medium	medium
☐ *Unripe fruit: intensity of green colour	light	light	light	light
☐ *Fruit: size	medium to	large	medium	large

	large			
☑ Fruit: diameter of calyx basin	medium to large	medium to large	small to medium	medium to large
☑ Fruit: depth of calyx basin	deep	medium	medium to deep	deep
☑ *Fruit: intensity of bloom	strong	medium	medium to strong	medium
☐ *Fruit: colour of skin	dark blue	dark blue	dark blue	dark blue
☑ Fruit: firmness	medium to firm	soft to medium	medium to firm	medium
☑ *Fruit: sweetness	low to medium	medium to high	high	medium
☐ *Fruit: acidity	low to medium	low	low to medium	low
☐ *Plant: fruiting type	on one-year-old shoots only	on one-year-old shoots only	on one-year-old shoots only	on one-year-old shoots only
☑ *Time of: vegetative bud burst	early	early	early	late
☐ *Time of: beginning of flowering on one-year-old shoot	early	early	early	early to medium
☐ *Time of: beginning of fruit ripening on one-year-old shoot	early	early	early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	**'C03-038'**	**'C03-015'**	**'C03-087'**	**'C95-115'**
☐ Fruit: size of scar	small	small	small	small
☐ Fruit: average weight of ripe berry (g)	2.9	3.1	2.3	3.3

Statistical Table

Organ/Plant Part: Context	**'C03-038'**	**'C03-015'**	**'C03-087'**	**'C95-115'**
☑ Leaf: length (mm)				
Mean	63.50	76.20	80.50	73.00
Std. Deviation	3.70	8.10	12.40	6.70
LSD/sig	10.10	P≤0.01	P≤0.01	ns
☑ Leaf: width (mm)				
Mean	33.50	33.00	42.30	34.70
Std. Deviation	3.20	3.80	4.90	4.60
LSD/sig	5.10	ns	P≤0.01	ns
☑ Fruit: diameter (mm)				
Mean	17.30	19.40	17.10	19.80
Std. Deviation	1.10	0.90	1.20	0.90
LSD/sig	1.22	P≤0.01	ns	P≤0.01
☑ Fruit: diameter of calyx basin (mm)				
Mean	6.50	6.90	5.20	6.40

Std. Deviation	1.00	0.90	0.60	0.60
LSD/sig	0.96	ns	P≤0.01	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/312
Variety Name	'C03-087'
Genus Species	*Vaccinium* hybrid
Common Name	Southern Highbush Blueberry
Synonym	
Accepted Date	30 Mar 2011
Applicant	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Agent	
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW
Descriptor	Blueberry (new) (*Vaccinium* spp.) TG/137/4
Period	Aug 2010-Oct 2011
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	2007

Origin and Breeding

Controlled pollination: seed parent 'F00-055' x pollen parent 'F97-063' in 2001 in Florida, USA. The seed parent is characterised by a strong plant growth vigour and early-medium season. The pollen parent is characterised by a medium plant growth vigour. 2001: fruit arising from parents sourced from Florida, USA. 6000 subsequently sown and grown on in Corindi Beach, NSW, Australia. 2003: first fruiting; growth and fruiting performances evaluated and 100 seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation. One of these was C03-087, the result of a cross between the stated parents. 2005: C03-087 concluded as being of commercial value due to its distinctive traits. 2005- present: Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named C03-087. Selection took place in Corindi Beach, NSW in 2003. Selection criteria: early season, strong plant vigour, small-medium fruit of good flavour, firm fruit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Time of	ripening of fruit	early - medium
Plant	growth habit	semi-upright

Time of	beginning of flowering on one-year-old shoot	early to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'C99-42'	
'Sweetcrisp'	

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

Organ/Plant Part: Context	'C03-087'	'C99-42'	'Sweetcrisp'
☑ *Plant: vigour	strong	medium to strong	weak to medium
☐ *Plant: growth habit	semi-upright	spreading	semi-upright
☐ *Leaf: length	very long	long to very long	long
☑ Leaf: width	broad to very broad	medium to broad	broad to very broad
☐ *Leaf: shape	elliptic	elliptic	elliptic
☐ Leaf: colour of upper side	green	green	green
☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	medium	medium	medium
☐ *Leaf: margin	entire	entire	entire
☑ Inflorescence: length	medium	short	short
☐ *Flower: size of corolla tube	medium	medium	medium
☑ *Flower: anthocyanin colouration of corolla tube	absent or very weak	weak to medium	absent or very weak
☐ Flower: ridges on corolla tube	present	present	present
☐ Fruit cluster: density	medium-sparse	medium	sparse
☐ *Unripe fruit: intensity of green colour	light	light	light
☑ *Fruit: size	medium	large	large
☑ *Fruit: shape in longitudinal section	round	round	oblate
☑ Fruit: diameter of calyx basin	small to medium	medium	large
☑ Fruit: depth of calyx basin	medium to deep	deep to very deep	shallow to medium
☐ *Fruit: intensity of bloom	medium to strong	medium	weak to medium
☐ *Fruit: colour of skin	dark blue	dark blue	dark blue
☑ Fruit: firmness	medium to firm	firm	firm to very firm
☑ *Fruit: sweetness	high	medium	high to very high
☐ *Fruit: acidity	low to medium	low to medium	low

*Plant: fruiting type	on one-year-old shoots only	on one-year-old shoots only	on one-year-old shoots only
*Time of: vegetative bud burst	early	early	early
*Time of: beginning of flowering on one-year-old shoot	early to medium	early to medium	early to medium
*Time of: beginning of fruit ripening on one-year-old shoot	early to medium	early to medium	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'C03-087'	'C99-42'	'Sweetcrisp'
Fruit: size of scar	small	small	small
Fruit: average weight of ripe berry (g)	2.3	2.4	3.2
Flower: protusion of stigma	present	absent	absent

Statistical Table

Organ/Plant Part: Context	'C03-087'	'C99-42'	'Sweetcrisp'
Leaf: length (mm)			
Mean	80.50	68.90	65.40
Std. Deviation	12.40	4.30	9.80
LSD/sig	10.49	P≤0.01	P≤0.01
Leaf: width (mm)			
Mean	42.30	30.20	37.30
Std. Deviation	4.90	2.50	6.70
LSD/sig	5.74	P≤0.01	ns
Fruit: diameter (mm)			
Mean	17.10	18.40	18.80
Std. Deviation	1.20	0.90	1.40
LSD/sig	1.55	ns	P≤0.01
Calyx: basin diameter (mm)			
Mean	5.20	6.30	7.60
Std. Deviation	0.60	0.80	0.60
LSD/sig	0.76	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

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

Details of Application

Application Number	2010/317
Variety Name	'C03-158'
Genus Species	Vaccinium hybrid
Common Name	Southern Highbush Blueberry
Synonym	
Accepted Date	30-Mar-2011
Applicant	BerryExchange (a division of CostaExchange Ltd), Corindi Beach, NSW
Agent	
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Corindi Beach, NSW
Descriptor	Blueberry (new) (*Vaccinium* spp.) TG/137/4
Period	Aug 2010 – Oct 2011
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	2007

Origin and Breeding

Controlled pollination: seed parent 'Emerald' x pollen parent 'F97-169' in 2001 in Florida, USA. The seed parent is characterised by a late-very late timing of ripening of fruit. The pollen parent is characterised by an early timing of ripening of fruit. 2001: fruit arising from parents sourced from Florida, USA. 6000 subsequently sown and grown on in Corindi Beach, NSW, Australia. 2003: first fruiting; growth and fruiting performances evaluated and 100 seedlings initially identified as having possible commercial merit. These were propagated by cuttings and 6-12 of each grown on for further evaluation. One of these was 'C03-158', the result of a cross between the stated parents. 2005: 'C03-158' concluded as being of commercial value due to its distinctive traits. 2005- present: Continued propagation of cuttings for commercial scale testing of field and post harvest performance. As a result it was concluded to be a distinct and viable commercial variety and named 'C03-158'. Selection took place in Corindi Beach, NSW in 2003. Selection criteria: medium season, strong plant vigour, medium fruit of good flavour, firm fruit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Gary Wright, Corindi Beach, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Time of	beginning of fruit ripening on one-year-old shoot	early-medium

Plant	growth habit	semi-upright

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Springhigh'	
'Ridley 1403'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sharp Blue'	Plant	growth habit	semi-upright	semi-upright to spreading	
'Sharp Blue'	Planrt	growth vigour	Strong	stront to very strong	
'C99-42'	Plant	growth habit	semi-upright	spreading	
'C99-42'	Plant	growth vigour	strong	medium	

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

Organ/Plant Part: Context	'C03-158'	'Ridley 1403'	'Springhigh'
☑ *Plant: vigour	strong	strong	medium
☐ *Plant: growth habit	semi-upright	semi-upright	semi-upright
☐ *Leaf: length	long to very long	long to very long	medium to long
☐ Leaf: width	broad	broad	medium to broad
☐ *Leaf: shape	elliptic	elliptic	elliptic
☐ Leaf: colour of upper side	green	green	green
☐ *Leaf: intensity of green colour on upper side (varieties with green leaf colour only)	medium	medium	medium
☐ *Leaf: margin	entire	entire	entire
☑ Inflorescence: length	short	medium	short
☐ *Flower: size of corolla tube	medium	medium to large	medium
☐ *Flower: anthocyanin colouration of corolla tube	absent or very weak	absent or very weak	very weak to weak
☐ Flower: ridges on corolla tube	present	present	present
☐ Fruit cluster: density	medium	medium to dense	medium to dense
☐ *Unripe fruit: intensity of green colour	light	light	light
☑ *Fruit: size	large	very large	large
☑ *Fruit: shape in longitudinal section	oblate	round	oblate
☐ Fruit: diameter of calyx basin	medium to large	large	medium to large

☑ Fruit: depth of calyx basin	shallow	deep	medium
☐ *Fruit: intensity of bloom	medium	medium	medium
☐ *Fruit: colour of skin	dark blue	dark blue	dark blue
☐ Fruit: firmness	medium to firm	medium	medium
☑ *Fruit: sweetness	low to medium	low to medium	high
☑ *Fruit: acidity	medium	medium to high	very low to low
☐ *Plant: fruiting type	on one-year-old shoots only	on one-year-old shoots only	on one-year-old shoots only
☑ *Time of: vegetative bud burst	early	early to medium	medium
☑ *Time of: beginning of flowering on one-year-old shoot	early to medium	very early	early to medium
☐ *Time of: beginning of fruit ripening on one-year-old shoot	early to medium	early to medium	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'C03-158'	'Ridley 1403'	'Springhigh'
☐ Fruit: size of scar	small	small	small
☐ Fruit: average weight of ripe berry (g)	2.8	5.2	3.4
☑ Flower: protusion of stigma	absent	-	present

Statistical Table

Organ/Plant Part: Context	'C03-158'	'Ridley 1403'	'Springhigh'
☐ Leaf: length (mm)			
Mean	69.50	74.70	62.20
Std. Deviation	7.60	7.50	6.40
LSD/sig	8.93	ns	ns
☐ Leaf: width (mm)			
Mean	36.90	35.10	31.60
Std. Deviation	4.30	1.50	3.60
LSD/sig	4.15	ns	P≤0.01
☑ Fruit: diameter (mm)			
Mean	18.50	24.00	19.80
Std. Deviation	0.90	1.60	1.00
LSD/sig	1.47	P≤0.01	ns
☑ Fruit: diameter of calyx basin (mm)			
Mean	7.20	8.10	6.70
Std. Deviation	0.60	0.80	0.70
LSD/sig	0.84	P≤0.01	ns

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2010/116
Variety Name	'Sabrina'
Genus Species	*Fragaria* x*ananassa*
Common Name	Strawberry
Synonym	
Accepted Date	09 Jul 2010
Applicant	Plantas de Navarra, S.A. (Planasa), Valtierra, Spain
Agent	Red Jewel Fruit Management Pty Ltd, Ballandean, QLD
Qualified Person	Margaret Zorin

Details of Comparative Trial

Overseas Testing Authority	Community Plant Variety Office (CPVO)
Overseas Data Reference Number	Grant No: 30939
Location	Overseas testing was done in Cartaya (Huelva) Spain 7°W, 37°N at 45 feet elevation and verified in Cleveland, QLD Australia.
Descriptor	Strawberry (*Fragaria*) TG/22/9
Period	2004-2008
Conditions	Asexually propagated plantlets were produced in a nursery at Fuente El Olmo in Sergovia, Spain. Plantlets of the new variety 'Sabrina' were transplanted along side comparators 'Sabrosa' and 'Camarosa' (US PP 8,708) in raised plastic covered beds in tunnels in standard commercial production practice in Spain.
Trial Design	Plants of the new variety 'Sabrina' were planted side by side with comparators 'Sabrosa' and 'Camarosa' in tunnels in the farm La Mogalla in Cartaya (Huelva) Spain. Measurements and observations were made during mid-season fruit production 4-5 months after planting.
Measurements	Observations and measurements were made according to UPOV guidelines and terminology. Colours are described herein in accordance with The Royal Horticultural Society (RHS) colour charts.
RHS Chart - edition	2000

Origin and Breeding

Controlled pollination: The new variety 'Sabrina' resulted from a controlled cross pollination in a breeding program. The parents were undistributed proprietary breeding lines designated '9719' (female parent) and '94-020' (pollen parent) and the resulting new variety occurred as a seedling from this cross under standard commercial growing conditions at Cartaya (Huelva) Spain. The original seedling was asexually propagated by stolons and extensively field tested in succeeding years to ensure distinctive characteristics remained stable and true to type. Breeders: Alexandre Pierron-Darbonne who is an employee of Plantas de Navarra S.A. (PLANASA) in Valtierra, Navarra, Spain.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	habit	globose
Leaf	shape in cross section	slightly concave
Stolons	number	medium
Inflorescence	position relative to foliage	level with
Primary flower	relative position of petals	overlapping
Petal	length/width ratio	broader than long
Fruit	adherence of calyx	strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sabrosa'	Plant Patents granted in EU , USA and Australia for this widely grown commercial strawberry variety.
'Camarosa'	US PP8708 is a widely grown commercial strawberry variety throughout the world.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'9719'	Plant	density	dense	medium	Proprietary breeding line used as maternal source of germplasm.
'9719'	terminal leaflet	shape of base	acute	obtuse	Proprietary breeding line used as maternal source of germplasm.
'9719'	Fruit	size	large	medium	Proprietary breeding line used as maternal source of germplasm.
'9719'	Fruit	colour of flesh	light red	orange red	Proprietary breeding line used as maternal source of germplasm.
'94-020'	Terminal leaflet	shape of base	acute	obtuse	Proprietary breeding line and source of pollen.
'94-020'	Fruit	size of calyx in relation to fruit diameter	slightly smaller	slightly larger	Proprietary breeding line used as source of pollen.
'94-020'	Fruit	skin colour	red	dark red	Proprietary breeding line used as source of pollen.
'94-020'	Plant	time of ripening	early	medium	Proprietary breeding line used as source of pollen.

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

Organ/Plant Part: Context	'Sabrina'	'Camarosa'	'Sabrosa'
☐ Plant: habit	globose	globose	globose
☑ Plant: density	dense	medium	medium
☑ Plant: vigour	strong	medium	strong
☑ Leaf: colour of upper side	dark green	light green	medium green
☐ Leaf: shape in cross section	slightly concave	slightly concave	slightly concave
☑ *Leaf: blistering	weak	medium	medium
☐ *Leaf: glossiness	medium	weak to medium	medium
☐ *Terminal leaflet: length/width ratio	longer than broad	as long as broad	as long as broad
☐ *Terminal leaflet: shape of base	acute	obtuse	obtuse
☐ Terminal leaflet: shape of incisions of margin	crenate	serrate	serrate
☐ Petiole: attitude of hairs	slightly outwards	upwards	upwards
☑ Stipule: anthocyanin colouration	absent or very weak	medium	weak
☐ *Stolons: number	medium	n/a	medium
☑ Stolon: anthocyanin colouration	medium	n/a	weak
☐ Stolon: pubescence	medium	medium to strong	medium
☐ *Inflorescence: position relative to foliage	level with	level with	level with
☑ Flower: size	medium	large	medium
☐ *Flower: size of calyx	same size	larger	larger
☐ *Primary flower: relative position of petals	overlapping	overlapping	overlapping
☐ Petal: length/width ratio	broader than long	broader than long	broader than long
☑ *Fruit: ratio of length/width	slightly broader than long	as long as broad	slightly longer than broad
☑ *Fruit: size	large	large to very large	medium
☑ *Fruit: predominant shape	conical	wedged	conical
☑ Fruit: difference in shapes between primary and secondary fruits	slight	marked	slight
☑ Fruit: band without achenes	absent or very narrow	medium to broad	narrow
☐ Fruit: unevenness of surface	weak	strong	weak
☐ *Fruit: colour	red	dark red	orange red
☐ Fruit: evenness of colour	even	even	slightly uneven

☑	Fruit: glossiness	medium	strong	strong
☐	*Fruit: insertion of achenes	below surface	level with surface	level with surface
☐	Fruit: insertion of calyx	with fruit level	above fruit	above fruit
☐	Fruit: attitude of the calyx segments	spreading	clasping	reflexed
☐	Fruit: size of calyx in relation to fruit diameter	slightly smaller	much smaller	same size
☐	Fruit: adherence of calyx	strong	strong	strong
☐	Fruit: firmness	firm	firm to very firm	firm to very firm
☑	Fruit: colour of flesh	light red	dark red	medium red
☐	Fruit: hollow centre	absent or very weakly expressed	weakly expressed	
☐	Fruit: distribution of red colour of flesh	only marginal	marginal and central	marginal and central
☑	*Time of: flowering	early	medium	medium
☑	Time of: ripening	early	medium	early
☐	*Type of: bearing	not remontant	partially remontant	not remontant

Prior Applications and Sales

Country	Year	Status	Name Applied
EU	2009	Granted	‘Sabrina’
USA	2010	Granted	‘Sabrina’
Morocco	2010	Applied	‘Sabrina’

No prior sale.

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

Details of Application

Application Number	2011/169
Variety Name	'Q246'
Genus Species	*Saccharum* hybrid
Common Name	Sugarcane
Synonym	BSES246
Accepted Date	05 Sep 2011
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	BSES Limited, Mackay, QLD
Descriptor	Sugarcane (*Saccharum*) TG/186/1
Period	Planted 30 Jul 2010; descriptions 3-4 Aug 2011
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planted into formed beds using double disc opener planter. Planting material was generally good. Soil tilth and moisture at planting were good. Soil type: alluvial. Watering regime: rainfed. Chemicals: the fungicide Shirtan (250ml/200L water), insecticides Talstar (280ml/50L water), and Confidor Guard (1.1L/50L water) were applied at planting. The herbicide Roundup (5L/ha) was applied 29 Jun 2010. Fertilisers: Planter 3 (200kg/ha) was applied at planting. Total nutrients: Nitrogen 14.3kg/ha; Phosphorus 11.2 kg/ha; Potassium 9.4kg/ha; Sulphur 10kg/ha. Side-dressed with 500kg/ha Sidedress 3. Total nutrients: Nitrogen 27kg/ha; Potassium 21kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited between the seed parent 'QN85-1271' and the pollen parent 'Q209'. Seed was collected from the pollinated female inflorescences and stored for germination in 2001. The variety has since been evaluated and selected by BSES in yield trials on the Mackay Sugar Experiment Station and sites within the sugarcane growing area in the central region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	tillering	medium

Internode	exposed colour	greyed group
Internode	cross-section	circular

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q151'	
'Q171'	
'Q177'	

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

Organ/Plant Part: Context	'Q246'	'Q151'	'Q171'	'Q177'
☑ Plant: stool growth habit	intermediate to semi-prostrate	semi-erect to intermediate	erect	erect
☑ *Plant: adherence of leaf sheath	weak	weak to medium	medium	weak to medium
☐ Plant: tillering	medium	medium	medium	medium
☐ Plant: number of suckers	medium to many	medium	medium to many	medium to many
☑ Plant: leaf canopy	sparse	medium	sparse to medium	sparse to medium
☑ *Internode: shape	cylindrical	cylindrical to concave-convex	cylindrical to conoidal	concave-convex
☐ Internode: cross-section	circular	circular	circular	circular
☐ *Internode: colour where exposed to sun (RHS colour chart)	grey 166A, 177A, 199A; yellow-green 144A, 151B, 152A, 152B	grey 165A, 166A, 166B, 178A, 183A	grey 165A, 166A, 180A, 181A, 181B, 183A; yellow-green 152D	grey 166B, 176A, 180A, 182A; yellow-green 146C, 151A, 153D
☐ *Internode: colour where not exposed to sun (RHS colour chart)	grey 165A, 166A; yellow-green 144A, 152A, 152B, 152C, 152D	grey 165A, 166A; yellow-green 152A, 152B, 153A	grey 165A, 166A, 199A; yellow-green 152A, 152B, 152C, 152D, 153A	yellow-green N144A, 145A, 146C, 146D, 152B, 152D
☑ Internode: depth of growth crack	absent or very shallow	medium	absent or very shallow	absent or very shallow
☐ *Internode: expression of zigzag alignment	moderate to strong	moderate	weak	moderate
☑ Internode: waxiness	medium	weak	weak to medium	medium to strong
☐ Node: wax ring	medium	narrow to medium	medium	medium
☐ *Node: shape of bud	ovate	ovate	round	ovate
☑ Node: bud prominence	weak to medium	weak to medium	medium	medium to strong

Node: depth of bud groove	shallow to medium	absent or very shallow	absent or very shallow	absent or very shallow
Node: length of bud groove	medium			
Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate	clearly above
Node: bud cushion	narrow to medium	medium to wide	very narrow to narrow	absent or very narrow
Leaf sheath: number of hairs	medium	few to medium	absent or very few	few to medium
Leaf sheath: length of hairs	medium	medium		short to medium
Leaf sheath: distribution of hairs	only dorsal	only dorsal		only dorsal
Leaf sheath: shape of ligule	deltoid	crescent-shaped	deltoid	crescent-shaped
Leaf sheath: ligule width	wide	medium	wide	medium
Leaf sheath: length of ligule hairs	short	medium to long	medium	medium to long
Leaf sheath: density of ligule hairs	medium	medium to dense	medium to dense	medium
Leaf sheath: shape of underlapping auricle	lanceolate	lanceolate	transitional	transitional
Leaf sheath: size of underlapping auricle	small	small	not applicable	not applicable
Leaf sheath: shape of overlapping auricle	transitional	transitional	deltoid	transitional
Leaf sheath: size of overlapping auricle	not applicable	not applicable	small	not applicable
Leaf blade: curvature	erect to curved tips	curved tips	curved tips	erect to curved tips

Statistical Table

Organ/Plant Part: Context	**'Q246'**	**'Q151'**	**'Q171'**	**'Q177'**
Culm: height (cm)				
Mean	259.10	225.30	238.80	237.10
Std. Deviation	15.40	14.60	7.90	19.80
LSD/sig	36.1	ns	ns	ns
Internode: length (cm)				
Mean	15.44	11.60	13.30	14.10
Std. Deviation	1.06	1.20	1.10	1.10
LSD/sig	1.48	P≤0.01	P≤0.01	ns
Internode: diameter (mm)				
Mean	24.90	24.30	23.50	23.70
Std. Deviation	2.10	2.10	1.20	1.60
LSD/sig	2.00	ns	ns	ns

☑ Leaf blade: length (cm)				
Mean	118.70	127.20	131.30	136.40
Std. Deviation	8.20	7.20	11.10	8.60
LSD/sig	12.4	ns	ns	P≤0.01
☑ Leaf blade: width (mm)				
Mean	40.10	40.80	38.00	45.10
Std. Deviation	3.20	3.70	3.80	3.50
LSD/sig	4.1	ns	ns	P≤0.01
☐ Leaf: midrib width (mm)				
Mean	3.50	3.20	3.70	3.60
Std. Deviation	0.40	0.40	0.50	0.40
LSD/sig	0.4	ns	ns	ns
☑ Leaf sheath: length (cm)				
Mean	27.50	27.00	27.60	32.60
Std. Deviation	1.90	1.60	1.80	3.40
LSD/sig	2.7	ns	ns	P≤0.01
☐ Leaf: ratio leaf blade/midrib width				
Mean	11.47	12.80	10.50	12.60
Std. Deviation	1.44	1.20	1.30	1.20
LSD/sig	1.19	ns	ns	ns
☑ Node: width of bud (mm)				
Mean	6.90	6.80	8.10	7.10
Std. Deviation	0.70	0.70	0.80	1.50
LSD/sig	0.8	ns	P≤0.01	ns
☑ Node: width of root band (mm)				
Mean	10.80	8.30	10.60	8.30
Std. Deviation	1.10	0.80	1.30	1.10
LSD/sig	0.9	P≤0.01	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **George Piperidis, BSES Limited,** Mackay, QLD.

Details of Application

Application Number	2011/171
Variety Name	'Q248'
Genus Species	*Saccharum* hybrid
Common Name	Sugarcane
Synonym	BSES248
Accepted Date	05 Sep 2011
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	BSES Limited, Mackay, QLD
Descriptor	Sugarcane (*Saccharum*) TG/186/1
Period	Planted 30 Jul 2010; descriptions 3-4 Aug 2011
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planted into formed beds using double disc opener planter. Planting material was generally good. Soil tilth and moisture at planting were good. Soil type: alluvial. Watering regime: rainfed. Chemicals: the fungicide Shirtan (250ml/200L water), insecticides Talstar (280ml/50L water), and Confidor Guard (1.1L/50L water) were applied at planting. The herbicide Roundup (5L/ha) was applied 29/6/2010. Fertilisers: Planter 3 (200kg/ha) was applied at planting. Total nutrients: Nitrogen 14.3kg/ha; Phosphorus 11.2 kg/ha; Potassium 9.4kg/ha; Sulphur 10kg/ha. Side-dressed with 500kg/ha Sidedress 3. Total nutrients: Nitrogen 27kg/ha; Potassium 21kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited between the seed parent 'QN85-1271' and the pollen parent 'Q170'. Seed was collected from the pollinated female inflorescences and stored for germination in 2000. The variety has since been evaluated and selected by BSES in yield trials on the Bundaberg Sugar Experiment Station and sites within the sugarcane growing area in the southern region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	unexposed colour	yellow-green

Internode	cross-section	circular
Node	length of bud groove	short

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Q138’	
‘KQ228’	

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

Organ/Plant Part: Context	‘Q248’	‘KQ228’	‘Q138’
☑ Plant: stool growth habit	intermediate	semi-erect to intermediate	semi-erect
☑ *Plant: adherence of leaf sheath	medium	medium to strong	weak
☑ Plant: tillering	weak	medium	strong
☐ Plant: number of suckers	medium	medium to many	medium to many
☑ Plant: leaf canopy	sparse	medium	medium
☑ *Internode: shape	bobbin-shaped	cylindrical to concave-convex	bobbin-shaped
☐ Internode: cross-section	circular	circular	circular
☐ *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 152B	grey 174C, 182A; yellow-green N144A, 144A, 151A, 151D, 153D	grey 174C, 182A; yellow-green 144A, 144B, 151A, 151C, 152D, 153D
☐ *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green 144A, 144B, 144C, 146B, 146C, 146D	yellow-green N144A, N144D, 144A, 144B, 144C, 145A	yellow-green N144A, N144B, N144D, 144A
☐ Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow
☐ *Internode: expression of zigzag alignment	moderate to strong	moderate	moderate
☑ Internode: waxiness	medium	medium	weak
☑ Node: wax ring	medium	wide	wide
☐ *Node: shape of bud	ovate	ovate	oval
☐ Node: bud prominence	medium	medium	weak to medium
☐ Node: depth of bud groove	absent or very shallow	shallow	shallow
☐ Node: length of bud groove	short	short	short
☐ Node: bud tip in relation to growth ring	intermediate	intermediate	intermediate
☐ Node: bud cushion	absent or very narrow	absent or very narrow	absent or very narrow
☐ Node: width of bud wing	medium		medium

☑ Leaf sheath: number of hairs	absent or very few	absent or very few	medium
☐ Leaf sheath: shape of ligule	deltoid	crescent-shaped	deltoid
☐ Leaf sheath: ligule width	wide	wide	wide
☐ Leaf sheath: length of ligule hairs	medium	short	medium
☑ Leaf sheath: density of ligule hairs	medium	sparse	medium
☐ Leaf sheath: shape of underlapping auricle	falcate	lanceolate	lanceolate
☐ Leaf sheath: size of underlapping auricle	small	small	small
☐ Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional
☐ Leaf sheath: size of overlapping auricle	not applicable	not applicable	not applicable
☐ Leaf blade: curvature	arched	erect	erect

Statistical Table

Organ/Plant Part: Context	**'Q248'**	**'KQ228'**	**'Q138'**
☐ Culm: height (cm)			
Mean	313.10		247.60
Std. Deviation	29.20		15.40
LSD/sig	36.1		P≤0.01
☐ Internode: length (cm)			
Mean	16.50	14.10	15.20
Std. Deviation	2.00	1.10	1.10
LSD/sig	1.5	P≤0.01	ns
☐ Internode: diameter (mm)			
Mean	25.20	23.70	23.40
Std. Deviation	1.60	2.40	2.00
LSD/sig	2.0	ns	ns
☐ Leaf blade: length (cm)			
Mean	124.00		128.40
Std. Deviation	11.70		8.50
LSD/sig	12.4		ns
☐ Leaf blade: width (mm)			
Mean	48.50		48.30
Std. Deviation	5.90		3.20
LSD/sig	4.1		ns
☐ Leaf: midrib width (mm)			
Mean	3.80		4.20
Std. Deviation	0.60		0.30
LSD/sig	0.4		P≤0.01
☐ Leaf sheath: length (cm)			
Mean	28.50		27.00
Std. Deviation	1.50		2.20

LSD/sig	2.7		ns
☐ Leaf: ratio leaf blade/midrib width			
Mean	13.20		11.50
Std. Deviation	2.60		0.80
LSD/sig	1.2		P≤0.01
☑ Node: width of bud (mm)			
Mean	7.90	9.20	7.10
Std. Deviation	1.00	1.00	1.10
LSD/sig	0.8	P≤0.01	ns
☑ Node: width of root band (mm)			
Mean	11.60	9.50	10.30
Std. Deviation	1.20	1.10	1.50
LSD/sig	0.9	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **George Piperidis, BSES Limited,** Mackay, QLD.

Details of Application

Application Number	2011/170
Variety Name	'Q247'
Genus Species	*Saccharum* hybrid
Common Name	Sugarcane
Synonym	BSES247
Accepted Date	05 Sep 2011
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Mackay BSES Limited, Mackay, QLD
Descriptor	Sugarcane (*Saccharum*) TG/186/1
Period	Planted 30 July 2010; descriptions 3-4 August 2011
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions.Trial site was disced twice, cross ripped and rotary hoed. Planted into formed beds using double disc opener planter. Planting material was generally good. Soil tilth and moisture at planting were good. Soil type: alluvial. Watering regime: rainfed. Chemicals: the fungicide Shirtan (250ml/200L water), insecticides Talstar (280ml/50L water), and Confidor Guard (1.1L/50L water) were applied at planting. The herbicide Roundup (5L/ha) waas applied 29/6/2010. Fertilisers: Planter 3 (200kg/ha) was applied at planting. Total nutrients: Nitrogen 14.3kg/ha; Phosphorus 11.2 kg/ha; Potassium 9.4kg/ha; Sulphur 10kg/ha. Side-dressed with 500kg/ha Sidedress 3. Total nutrients: Nitrogen 27kg/ha; Potassium 21kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited between the seed parent 'Q138' and the pollen parent 'Q155'. Seed was collected from the pollinated female inflorescences and stored for germination in 1997. The variety has since been evaluated and selected by BSES in yield trials on the Burdekin Sugar Experiment Station and sites within the sugarcane growing area in the Burdekin region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	unexposed colour	yellow-green

Internode	depth of growth crack	absent or very shallow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q171'	
'Q183'	
'Q138'	'Q138' is also the female 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	'Q247'	'Q138'	'Q171'	'Q183'
☑ Plant: stool growth habit	intermediate	semi-erect	erect	erect to semi-erect
☑ *Plant: adherence of leaf sheath	weak to medium	weak	medium	weak to medium
☑ Plant: tillering	strong	strong	medium	medium
☐ Plant: number of suckers	medium	medium to many	medium to many	medium to many
☐ Plant: leaf canopy	medium	medium	sparse to medium	sparse to medium
☑ *Internode: shape	bobbin-shaped	bobbin-shaped	cylindrical to conoidal	concave-convex
☐ Internode: cross-section	ovate	circular	circular	circular
☐ *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 146C, 151A, 152A, 152B, 152D	grey 174C, 182A; yellow-green 144A, 144B, 151A, 151C, 152D, 153D	grey 165A, 166A, 180A, 181A, 181B, 183A; yellow-green 152D	grey 166A, 174A, 176A, 178A; yellow-green N144A
☐ *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green N144A, 146C, 146D, 151A, 152A, 152B, 152D	yellow-green N144A, N144B, N144D, 144A	grey 165A, 166A, 199A; yellow-green 152A, 152B, 152C, 152D, 153A	yellow-green N144A, N144B, N144C, N144D, 144C, 146D
☐ Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow	absent or very shallow
☐ *Internode: expression of zigzag alignment	weak to moderate	moderate	weak	moderate
☑ Internode: waxiness	medium	weak	weak to medium	weak to medium
☐ Node: wax ring	narrow	wide	medium	medium
☑ *Node: shape of bud	round	oval	round	triangular-pointed
☐ Node: bud prominence	weak to medium	weak to medium	medium	medium
☐ Node: depth of bud groove	absent or very shallow	shallow	absent or very shallow	absent or very shallow
☐ Node: length of bud groove	short	short		

Node: bud tip in relation to growth ring	clearly below	intermediate	intermediate	clearly above
Node: bud cushion	narrow	absent or very narrow	very narrow to narrow	narrow to medium
Node: width of bud wing	wide	medium	medium	narrow to medium
Leaf sheath: number of hairs	few to medium	medium	absent or very few	few
Leaf sheath: length of hairs	medium	medium		short to medium
Leaf sheath: distribution of hairs	only dorsal	only dorsal		only dorsal
Leaf sheath: shape of ligule	crescent-shaped	deltoid	deltoid	deltoid
Leaf sheath: ligule width	wide	wide	wide	wide
Leaf sheath: length of ligule hairs	short	medium	medium	short
Leaf sheath: density of ligule hairs	medium	medium	medium to dense	sparse
Leaf sheath: shape of underlapping auricle	deltoid	lanceolate	transitional	transitional
Leaf sheath: size of underlapping auricle	small	small	not applicable	not applicable
Leaf blade: curvature	curved tips	erect	curved tips	curved tips

Statistical Table

Organ/Plant Part: Context	**'Q247'**	**'Q138'**	**'Q171'**	**'Q183'**
Culm: height (cm)				
Mean	242.40	247.60	238.80	232.30
Std. Deviation	15.40	15.40	7.90	21.40
LSD/sig	36.1	ns	ns	ns
Internode: length (cm)				
Mean	15.20	15.20	13.30	12.80
Std. Deviation	1.00	1.10	1.10	1.40
LSD/sig	1.5	ns	P≤0.01	P≤0.01
Internode: diameter (mm)				
Mean	22.60	23.40	23.40	26.00
Std. Deviation	1.40	2.00	1.20	2.60
LSD/sig	2.0	ns	ns	P≤0.01
Leaf blade: length (cm)				
Mean	132.00	128.40	131.30	137.80
Std. Deviation	14.30	8.50	11.10	7.00
LSD/sig	12.4	ns	ns	ns
Leaf blade: width (mm)				
Mean	47.00	48.30	38.00	47.50

Std. Deviation	4.10	3.20	3.80	3.60
LSD/sig	4.1	ns	P≤0.01	ns
☐ Leaf: midrib width (mm)				
Mean	3.90	4.20	3.70	4.10
Std. Deviation	0.40	0.30	0.50	0.50
LSD/sig	0.4	ns	ns	ns
☐ Leaf sheath: length (cm)				
Mean	28.20	27.00	27.60	28.70
Std. Deviation	1.90	2.20	1.80	2.00
LSD/sig	2.7	ns	ns	ns
☑ Leaf: ratio leaf blade/midrib width				
Mean	12.20	11.50	10.50	11.70
Std. Deviation	1.00	0.80	1.30	1.50
LSD/sig	1.2	ns	P≤0.01	ns
☑ Node: width of bud (mm)				
Mean	6.60	7.10	8.10	7.90
Std. Deviation	0.60	1.10	0.80	0.90
LSD/sig	0.8	ns	P≤0.01	P≤0.01
☑ Node: width of root band (mm)				
Mean	9.40	10.30	10.50	9.20
Std. Deviation	0.90	1.50	1.30	1.00
LSD/sig	0.9	ns	P≤0.01	ns

Prior Applications and Sales

Nil.

Description: **George Piperidis, BSES Limited,** Mackay, QLD.

Details of Application

Application Number	2011/168
Variety Name	'Q245'
Genus Species	*Saccharum* hybrid
Common Name	Sugarcane
Synonym	BSES245
Accepted Date	05 Sep 2011
Applicant	BSES Limited, Indooroopilly, QLD
Agent	N/A
Qualified Person	George Piperidis

Details of Comparative Trial

Location	BSES Limited, Mackay, QLD
Descriptor	Sugarcane (*Saccharum*) TG/186/1
Period	Planted 30 Jul 2010; descriptions 3-4 Aug 2011
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was disced twice, cross ripped and rotary hoed. Planted into formed beds using double disc opener planter. Planting material was generally good. Soil tilth and moisture at planting were good. Soil type: alluvial. Watering regime: rainfed. Chemicals: the fungicide Shirtan (250ml/200L water), insecticides Talstar (280ml/50L water), and Confidor Guard (1.1L/50L water) were applied at planting. The herbicide Roundup (5L/ha) was applied 29/6/2010. Fertilisers: Planter 3 (200kg/ha) was applied at planting. Total nutrients: Nitrogen 14.3kg/ha; Phosphorus 11.2 kg/ha; Potassium 9.4kg/ha; Sulphur 10kg/ha. Side-dressed with 500kg/ha Sidedress 3. Total nutrients: Nitrogen 27kg/ha; Potassium 21kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10m, with 1.6m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: The variety is the progeny of a controlled biparental cross made by BSES Limited between the seed parent 'QN80-3425' and the pollen parent 'Q162'. Seed was collected from the pollinated female inflorescences and stored for germination in 1996. The variety has since been evaluated and selected by BSES in yield trials on the Bundaberg Sugar Experiment Station and sites within the sugarcane growing area in the southern region. Standard commercial varieties were also included in the trials for comparative purposes. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	tillering	medium

Node	shape of bud	ovate
Node	bud prominence	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Q232'	
'Q235'	

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

Organ/Plant Part: Context	'Q245'	'Q232'	'Q235'
☐ Plant: stool growth habit	semi-erect	semi-erect	intermediate
☑ *Plant: adherence of leaf sheath	weak	medium to strong	weak to medium
☐ Plant: tillering	medium	medium	medium
☐ Plant: number of suckers	few	few to medium	medium
☐ Plant: leaf canopy	sparse to medium		
☑ *Internode: shape	cylindrical to slightly concave-convex	slightly concave-convex	concave-convex
☐ Internode: cross-section	circular	circular to ovate	ovate
☐ *Internode: colour where exposed to sun (RHS colour chart)	yellow-green N144A, 146C, 146D, 144A, 151A, 151B	yellow-green N144A, 151A, 152D, 152A, 152B, 153A	yellow-green N144A, 146C, 151A, 152D, 153A
☐ *Internode: colour where not exposed to sun (RHS colour chart)	yellow-green N144A, N144D, 146C, 146D, 144A	yellow-green 144A, N144A, N144B, N144D, 151A, 152D	yellow-green N144A, N144D, 144B, 144C, 146C
☐ Internode: depth of growth crack	absent or very shallow	absent or very shallow	absent or very shallow
☐ *Internode: expression of zigzag alignment	moderate	weak	moderate to strong
☑ Internode: waxiness	medium to strong	weak	weak
☐ Node: wax ring	narrow to medium	medium	medium
☐ *Node: shape of bud	ovate	ovate	ovate to triangular pointed
☐ Node: bud prominence	medium	medium	medium
☑ Node: depth of bud groove	absent or very shallow	medium to deep	shallow to medium
☐ Node: bud tip in relation to growth ring	intermediate	clearly above	clearly above
☐ Node: bud cushion	narrow	narrow	medium
☐ Node: width of bud wing	narrow	medium	narrow to medium
☐ Leaf sheath: number of hairs	very few to few	absent or very few	absent or very few
☐ Leaf sheath: length of hairs	short		

Leaf sheath: distribution of hairs	only dorsal	
Leaf sheath: shape of ligule	deltoid	deltoid
Leaf sheath: ligule width	medium	medium
Leaf sheath: length of ligule hairs	short	medium
Leaf sheath: density of ligule hairs	medium	medium
Leaf sheath: shape of underlapping auricle	falcate	falcate
Leaf sheath: size of underlapping auricle	small	small
Leaf sheath: shape of overlapping auricle	transitional	transitional
Leaf sheath: size of overlapping auricle	not applicable	not applicable
Leaf blade: curvature	erect to curved tips	

Statistical Table

Organ/Plant Part: Context	**'Q245'**	**'Q232'**	**'Q235'**
Internode: length			
Mean	18.00	14.21	17.16
Std. Deviation	1.23	1.20	1.22
LSD/sig	1.48	P≤0.01	ns
Internode: diameter			
Mean	23.98	24.29	23.25
Std. Deviation	3.37	1.90	1.90
LSD/sig	2.00	ns	ns
Node: width of bud			
Mean	8.30	7.75	6.62
Std. Deviation	0.49	0.64	0.64
LSD/sig	0.85	ns	P≤0.01
Node: width of root band			
Mean	10.26	8.27	10.11
Std. Deviation	0.86	0.83	0.92
LSD/sig	0.87	P≤0.01	ns

Prior Applications and Sales

Nil.

Description: **George Piperidis, BSES Limited,** Mackay, QLD.

Details of Application

Application Number	2007/252
Variety Name	'RicpenGL'
Genus Species	*Ricinocarpos tuberculatus*
Common Name	Wedding Bush
Synonym	
Accepted Date	25 Oct 2007
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Great Northern Highway, Muchea, WA
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES
Period	Aug 2010 to Jan 2012
Conditions	Potted into 300mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is at the northern end of the Darling Range approximately 50km north of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Observations were made on all plants. The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.
RHS Chart - edition	2007

Origin and Breeding

Single plant selection: 'RicpenGL' is a selection of an atypical, narrow erect growing plant from within a wild population of the common form of *Ricinocarpos tuberculatus.* Between Dec 2004 when the observations were first made and Jul 2007 five (5) cutting generations were taken and no off types were observed. Breeder: George A Lullfitz.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Leaf	attitude	erect
Leaf	shape	linear
Leaf	arrangement	spiral

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Common form	There are no cultivars of the species. The nearest VCK is a hybrid between *R. cyanescens and tuberculatus*. Cutting grown plants of this variety are used here for the DUS trial.

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

	Organ/Plant Part: Context	'RicpenGL'	Common form
☐	Plant: type	shrub	shrub
☑	Plant: growth habit	narrow erect	bushy
☑	Plant: height	tall	medium
☑	Plant: width	narrow	medium
☐	Stem: thorns, prickles, spines etc	absent	absent
☐	Stem: presence of hairs	absent	absent
☐	Stem: presence of anthocyanin in new growth	present	present
☐	Young shoot: anthocyanin colouration	medium	medium
☐	Leaf: leaf type	simple	simple
☐	Leaf: size	medium	medium
☐	Leaf: attitude	erect	erect
☐	Leaf: length of blade	medium	medium
☑	Leaf: width of blade	medium	narrow
☐	Leaf: length of petiole	short	short
☐	Leaf: shape	linear	linear
☐	Leaf: shape of base	attenuate	attenuate
☐	Leaf: incision of margin	absent	absent
☐	Leaf: curvature of longitudinal axis	straight	straight
☐	Leaf: glossiness of upper side	weak	weak
☐	Leaf: green colour	medium	medium
☐	Leaf: presence of variegation	absent	absent

Characteristics Additional to the Descriptor/TG

	Organ/Plant Part: Context	'RicpenGL'	Common form
☐	Leaf: arrangement	spiral	spiral

Prior Applications and Sales

Nil.

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

Details of Application

Application Number	2011/210
Variety Name	'Elmore CL Plus'
Genus Species	*Triticum aestivum*
Common Name	Wheat
Synonym	Nil
Accepted Date	18 Oct 2011
Applicant	Australian Grain Technologies Pty Ltd, Urrbrae, SA
Agent	N/A
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy, South Australia
Descriptor	Wheat (*Triticum aestivum*) TG/3/11
Period	2011
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In 2010 the area carried a lentil crop which was harvested for grain and the resultant stubble was baled and removed. Pre-seeding herbicides Boxer Gold (2.5L), Roundup Powermax (1.2L) and Avadex (1.8L) together with an insecticide Imidan (300ml) were applied prior to seeding on 25 May 2011. 90kg DAP + 2.5% zinc fertiliser was applied with the seed. The season was very favourable for growth of the crop and of weeds and disease, so the trial was sprayed post emergence with Ally (5g), Lontrel (100ml), MCPA agrictone750 (330ml), Topik (85ml), to control weeds, and with Dimethoate (100ml) insecticide. The trial was sprayed on 29 Aug and 11 of Oct to control fungal pathogens. On each occasion sprayed with Prosaro 300mls + Hasten. At no time was the trial stressed by the weather so varieties were able to fully express their genetic potential.
Trial Design	Randomised block design of 3 blocks and 26 entries consisting of comparators and potential candidates. Sown in 12 ranges of 13 plots wide, block 1 being in ranges 1 to 2 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using GENSTAT software.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: A simple cross of 'Janz'*2// 'Wilg4'/11A to Annuello ('Janz'*2// 'Wilg4/11A'/// 'Annuello') was made in Spring 2004 resulting in the population coded 04-106W. F1 seed was selfed over summer and the F2 population grown as spaced plants in 2005. Single head selections of 04-106W were selected on plant type and stripe rust reaction, bulked and multiplied as F3s over summer in 2005/06. F4 spaced plants were selected on tolerance to imidazolinone herbicide, type and stripe rust reaction in 2006. The selections were bulked and multiplied as F5 over summer of 2006/07. 04-106W-32 (single plant selection 32) became coded as VX4338. VX4338 was evaluated for grain yield, disease resistance and grain quality and imidazolinone herbicide tolerance in the 2007 to 2010 seasons at Nurseries located in WA, SA, Vic, NSW and QLD. Seed purification began in 2008 and this seed has been used for 2010 trials and as the seed source for commercial seed multiplication. Breeder: Dr Russell Eastwood, Australian Grain Technologies Pty Ltd, Urrbrae, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	tolerance to imidazolinone herbicide @750 ml per hectare	high to very high
Plant	tolerance to imidazolinone herbicide @1500 ml per hectare	high to very high
Straw	pith in cross section	very thin/thin
Awns or scurs	presence	awns present
Plant	seasonal type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kord CL Plus'	
'Sabel CL Plus'	
'Justica CL Plus'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Janz'	Plant	tolerance to imidazolinone herbicide	high to very high	absent
'Clearfield WHT JNZ'	Ear	glaucosity	medium strong	weak
'Clearfield WHT JNZ'	Plant	tolerance to imidazolinone herbicide @750 ml per hectare	high to very high	medium to high
'Clearfiled WHT JNZ'	Plant	tolerance to imidazolinone herbicide @1500 ml per hectare	high to very high	low
'Clearfield WHT STL'	Plant	tolerance to imidazolinone herbicide @750 ml per hectare	high to very high	medium to high
'Clearfield WHT STL'	Plant	tolerance to imidazolinone herbicide @1500 ml per hectare	high to very high	low
'Impose CL'	Straw	pith in cross section	very thin	medium to thick

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

Organ/Plant Part: Context	'Elmore CL Plus'	'Justica CL Plus'	'Kord CL Plus'	'Sabel CL Plus'
☐ *Plant: growth habit	semi-erect	erect to semi-erect	semi-erect	erect to semi-erect
☐ Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☐ Plant: frequency of plants with recurved flag leaves	high	low	medium	medium to high
☐ *Time of: ear emergence	medium	medium	medium	medium
☐ *Flag leaf: glaucosity of sheath	medium to strong	strong	strong	very strong
☐ *Ear: glaucosity	medium to strong	medium to strong	strong	very strong
☐ Culm: glaucosity of neck	medium to strong	strong	strong	very strong
☐ *Plant: length	short to medium	very short to short	short	short to medium
☐ *Straw: pith in cross section	very thin	very thin	very thin to thin	thin
☐ *Ear: shape in profile	tapering	parallel sided	parallel sided	parallel sided
☐ *Ear: density	medium	lax to medium	lax to medium	medium
☐ Ear: length	short	short to medium	short to medium	short to medium
☐ *Awns or scurs: presence	awns present	awns present	awns present	awns present
☐ *Awns of scurs at tip of ear: length	medium	short to medium	short to medium	short to medium
☐ *Ear: colour	white	white	white	white
☐ Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak	weak	absent or very weak
☑ Lower glume: shoulder width	very narrow to narrow	narrow	medium	medium
☑ Lower glume: shoulder shape	straight to elevated	slightly sloping	straight	straight
☐ Lower glume: beak length	short to medium	short	short to medium	short to medium
☐ Lower glume: beak shape	straight	straight to slightly curved	straight	slightly curved
☐ Lower glume: extent of internal hair	very weak	very weak	very weak	very weak

Lowest lemma: beak shape	straight to slightly curved	straight	slightly curved	straight
*Grain: colour	white	white	white	white
Grain: colouration with phenol	dark to very dark	dark to very dark	dark to very dark	dark to very dark
*Seasonal type:	spring type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Elmore CL Plus'	'Justica CL Plus'	'Kord CL Plus'	'Sabel CL Plus'
Plant: tolerance to imidazolinone herbicide @750 ml per hectare	high to very high	high to very high	high to very high	high to very high
Plant: tolerance to imidazolinone herbicide @1500 ml per hectare	high to very high	high to very high	high to very high	high to very high

Statistical Table

Organ/Plant Part: Context	'Elmore CL Plus'	'Justica CL Plus'	'Kord CL Plus'	'Sabel CL Plus'
Plant: time of ear emergence (Julian days)				
Mean	255.33	259.00	257.33	261.33
Std. Deviation	1.53	1.00	0.58	1.15
LSD/sig	3.75	ns	ns	P≤0.01
Ear: length (mm)				
Mean	77.90	84.70	80.70	82.20
Std. Deviation	4.81	6.51	7.37	5.93
LSD/sig	7.92	ns	ns	ns
Plant: length (cm)				
Mean	80.75	76.90	78.15	81.00
Std. Deviation	3.45	1.80	2.64	3.24
LSD/sig	3.82	P≤0.01	ns	ns

Prior Applications and Sales

Nil.

Description: **Andrew Cecil,** Australian Grain Technologies Pty Ltd, Urrbrae, SA.

Details of Application

Application Number	2011/208
Variety Name	'Wallup'
Genus Species	*Triticum aestivum*
Common Name	Wheat
Synonym	Nil
Accepted Date	18 Oct 2011
Applicant	Australian Grain Technologies Pty Ltd, Urrbrae, SA
Agent	N/A
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy South Australia
Descriptor	Wheat (*Triticum aestivum*) TG/3/11
Period	2011
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In 2010 the area carried a lentil crop which was harvested for grain and the resultant stubble was baled and removed. Pre-seeding herbicides Boxer Gold (2.5L), Roundup Powermax (1.2L) and Avadex (1.8L) together with an insecticide Imidan (300ml) were applied prior to seeding on 25 May 2011. 90kg DAP + 2.5% zinc fertiliser was applied with the seed. The season was very favourable for growth of the crop and of weeds and disease, so the trial was sprayed post emergence with Ally (5g), Lontrel (100ml), MCPA agrictone750 (330ml), Topik (85ml), to control weeds, and with Dimethoate (100ml) insecticide. The trial was sprayed on 29 Aug and 11 Oct to control fungal pathogens. On each occasion sprayed with Prosaro 300mls + Hasten. At no time was the trial stressed by the weather so varieties were able to fully express their genetic potential.
Trial Design	Randomised block design of 3 blocks and 26 entries consisting of comparators and potential candidates. Sown in 12 ranges of 13 plots wide, block 1 being in ranges 1 to 2 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using GENSTAT software.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: A cross of the varieties 'Chara' and 'Wyalkatchem' ('Chara'/'Wyalkatchem') was made in 2001 resulting on the population coded 01-054W. This was selfed and F2 derived single plant selections based on plant type and rust reaction were sown as small bulk plots in 2003, evaluated for yield, disease reaction and grain quality. In 2004 F4 derived single plant selections were taken at Walpeup and multiplied over summer 2004/05. One selection was coded VV4978 and this was grown in stage 1 trials in 2005 and stage 2 in 2006. A single plant selection was taken and multiplied over summer, this was coded VV4978-1. VV4978-1 was then evaluated for grain yield, disease resistance and grain quality in the 2007 to 2010 seasons at nurseries located in WA, SA, VIC, NSW and QLD. VV4978-1 entered NVT trials in 2010. Seed purification began in 2009 and this seed has been used for 2011 trials and as the seed source for commercial seed multiplication. Breeder: Dr Russell Eastwood, Australian Grain Technologies Pty Ltd, Urrbrae, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi erect
Flag leaf	glaucosity of sheath	medium to strong
Culm	glaucosity of neck	medium to strong
Ear	density	lax to medium
Awns or scurs	presence	awns present
Awn or scurs at tip of ear	length	short to medium
Ear	colour	white
Plant	seasonal type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Chara'	Seed parent
'Mace'	
'Janz'	
'Yenda'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Wyalkatchem'	Ear	density	lax to medium	medium to dense
'Wyalkatchem'	Ear	length	medium	short

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

Organ/Plant Part: Context	'Wallup'	'Chara'	'Janz'	'Mace'	'Yenda'
☐ *Plant: growth habit	semi-erect	semi-erect	semi-erect	erect to semi-erect	semi-erect to intermediate
☑ Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak	absent or very weak	medium to strong
☑ Plant: frequency of plants with recurved flag leaves	low	low to medium	high	low to medium	low
☐ *Time of: ear emergence	early to medium	medium to late	medium to late	early to medium	medium to late
☐ *Flag leaf: glaucosity of sheath	medium to strong	medium to strong	medium	medium to strong	medium to strong
☐ *Ear: glaucosity	medium	medium to strong	weak to medium	medium to strong	weak to medium
☐ Culm: glaucosity of neck	medium	medium to strong	medium	medium to strong	medium to strong
☐ *Plant: length	short to medium	short to medium	short to medium	short to medium	short to medium
☑ *Straw: pith in cross section	thick to very thick	very thin	thin	very thin to thin	thick to very thick
☐ *Ear: shape in profile	tapering	tapering	tapering	parallel sided	tapering
☐ *Ear: density	lax to medium	medium	medium	lax to medium	lax
☐ Ear: length	medium	medium	medium	medium	medium
☐ *Awns or scurs: presence	awns present	awns present	awns present	awns present	awns present
☐ *Awns of scurs at tip of ear: length	short to medium	short to medium	short to medium	short to medium	short to medium
☐ *Ear: colour	white	white	white	white	white
☐ Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
☑ Lower glume: shoulder width	medium	narrow	narrow	narrow	narrow
☐ Lower glume: shoulder shape	straight to elevated	straight to elevated	elevated	straight to elevated	elevated
☑ Lower glume: beak length	medium	medium	medium	medium	long to very long
☐ Lower glume: beak	straight to	straight	straight	straight	slightly curved

shape	slightly curved				to moderately curved
Lower glume: extent of internal hair	very weak	very weak	very weak	very weak	very weak
Lowest lemma: beak shape	straight to slightly curved	slightly curved	straight to slightly curved	straight to slightly curved	slightly curved
*Grain: colour	white	white	white	white	white
Grain: colouration with phenol	dark to very dark	dark to very dark	dark to very dark	dark to very dark	dark to very dark
*Seasonal type:	spring type	spring type	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	**'Wallup'**	**'Chara'**	**'Janz'**	**'Mace'**	**'Yenda'**
Plant: time of ear emergence (Julian days)					
Mean	251.33	260.33	257.00	250.33	264.33
Std. Deviation	1.53	0.58	1.00	5.03	0.57
LSD/sig	3.75	P≤0.01	P≤0.01	ns	P≤0.01
Ear: length (mm)					
Mean	88.85	84.55	82.85	84.65	84.90
Std. Deviation	3.99	6.96	7.31	5.13	5.38
LSD/sig	7.92	ns	ns	ns	ns
Plant: length (cm)					
Mean	83.05	79.35	80.15	80.20	71.60
Std. Deviation	3.43	2.98	3.48	2.57	3.23
LSD/sig	3.82	ns	ns	ns	P≤0.01

Prior Applications and Sales

Nil.

Description: **Andrew Cecil,** Australian Grain Technologies Pty Ltd, Urrbrae, SA.

Details of Application

Application Number	2011/207
Variety Name	'Corack'
Genus Species	*Triticum aestivum*
Common Name	Wheat
Synonym	Nil
Accepted Date	18 Oct 2011
Applicant	Australian Grain Technologies Pty Ltd, Urrbrae, SA
Agent	N/A
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy, South Australia
Descriptor	Wheat (*Triticum aestivum*) TG/3/11
Period	2011
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In 2010 the area carried a lentil crop which was harvested for grain and the resultant stubble was baled and removed. Pre-seeding herbicides Boxer Gold (2.5L), Roundup Powermax (1.2L) and Avadex (1.8L) together with an insecticide Imidan (300ml) were applied prior to seeding on 25th May 2011. 90kg DAP + 2.5% zinc fertiliser was applied with the seed. The season was very favourable for growth of the crop and of weeds and disease, so the trial was sprayed post emergence with Ally (5g), Lontrel (100ml), MCPA agrictone750 (330ml), Topik (85ml), to control weeds, and with Dimethoate (100ml) insecticide. The trial was sprayed on 29 Aug and 11 Oct to control fungal pathogens. On each occasion sprayed with Prosaro 300mls + Hasten. At no time was the trial stressed by the weather so varieties were able to fully express their genetic potential.
Trial Design	Randomised block design of 3 blocks and 26 entries consisting of comparators and potential candidates. Sown in 12 ranges of 13 plots wide, block 1 being in ranges 1 to 2 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using GENSTAT software.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: A backcross of 'Wyalkatchem' to 'Silverstar A' ('Wyalkatchem'/'Silverstar A'//'Wyalkatchem') was made in Autumn 2003 resulting in the population coded 03-074W. F1 seed was selfed and the F2 population was multiplied to F3 over summer in 2003/04. F3 spaced plants were selected on type and stripe rust resistance in 2003. The selections were bulked and multiplied over summer of 2004/05. F5 single plants were then selected in 2005, these were multiplied over summer 2005/06 and one of these lines became coded as VW2316. VW2316 was evaluated for grain yield, disease resistance and grain quality in the 2006 to 2010 seasons at Nurseries located in WA, SA, VIC, NSW and QLD. VW2316 entered NVT trials in 2010. Seed purification began in 2009 and this seed has been used for 2011 trials and as the seed source for commercial seed multiplication. Breeder: Dr Russell Eastwood, Australian Grain Technologies Pty Ltd, Urrbrae, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	erect to semi-erect
Ear	shape in profile	parallel sided
Ear	density	medium to dense
Awns and scurs	presence	awns present
Awns or scurs at tip of ear	length	short to medium
Ear	colour	white
Lower glume	shoulder shape	elevated

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Wyalkatchem'	
'Silverstar A'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Silverstar'	Flag leaf	glaucosity of sheath	weak to medium	strong

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

Organ/Plant Part: Context	'Corack'	'Silverstar A'	'Wyalkatchem'
☐ *Plant: growth habit	semi-erect	erect to semi-erect	erect to semi-erect
☐ Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
☑ Plant: frequency of plants with recurved flag leaves	medium to high	medium	low
☐ *Time of: ear emergence	early to medium	very early to early	early to medium
☑ *Flag leaf: glaucosity of sheath	weak to medium	weak to medium	medium to strong
☑ *Ear: glaucosity	weak	weak	medium to strong
☑ Culm: glaucosity of neck	weak to medium	weak to medium	medium to strong

☑ *Plant: length	short to medium	medium to long	short
☑ *Straw: pith in cross section	thin to medium	very thin to thin	medium to thick
☐ *Ear: shape in profile	parallel sided	parallel sided	parallel sided
☐ *Ear: density	medium to dense	dense	medium to dense
☑ Ear: length	medium	medium	short
☐ *Awns or scurs: presence	awns present	awns present	awns present
☐ *Awns of scurs at tip of ear: length	short to medium	short to medium	short to medium
☐ *Ear: colour	white	white	white
☐ Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak	absent or very weak
☐ Lower glume: shoulder width	narrow	very narrow to narrow	narrow
☐ Lower glume: shoulder shape	elevated	elevated	elevated
☑ Lower glume: beak length	short to medium	medium to long	medium to long
☐ Lower glume: beak shape	slightly curved	straight to slightly curved	slightly curved
☐ Lower glume: extent of internal hair	very weak	very weak	very weak
☐ Lowest lemma: beak shape	straight to slightly curved	straight to slightly curved	slightly curved
☐ *Grain: colour	white	white	white
☐ Grain: colouration with phenol	dark to very dark	dark to very dark	dark to very dark
☐ *Seasonal type:	spring type	spring type	spring type

Statistical Table

Organ/Plant Part: Context	**'Corack'**	**'Silverstar A'**	**'Wyalkatchem'**
☑ Plant: time of ear emergence (Julian days)			
Mean	251.00	245.33	252.00
Std. Deviation	0.00	0.58	2.00
LSD/sig	3.75	P≤0.01	ns
☑ Ear: length (mm)			
Mean	84.10	85.40	75.00
Std. Deviation	5.31	4.50	4.29
LSD/sig	7.92	ns	P≤0.01
☑ Plant: length (cm)			
Mean	78.55	85.25	74.45
Std. Deviation	3.30	2.45	3.39
LSD/sig	3.82	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Andrew Cecil,** Australian Grain Technologies Pty Ltd, Urrbrae, SA.

Details of Application

Application Number	2011/205
Variety Name	'Suntop'
Genus Species	*Triticum aestivum*
Common Name	Wheat
Synonym	Nil
Accepted Date	18 Oct 2011
Applicant	Australian Grain Technologies Pty Ltd, Urrbrae, SA
Agent	N/A
Qualified Person	Andrew Cecil

Details of Comparative Trial

Location	Roseworthy, South Australia
Descriptor	Wheat (*Triticum aestivum*) TG/3/11
Period	2011
Conditions	A comparative trial was sown on the Roseworthy Campus of the University of Adelaide. In 2010 the area carried a lentil crop which was harvested for grain and the resultant stubble was baled and removed. Pre-seeding herbicides Boxer Gold (2.5L), Roundup Powermax (1.2L) and Avadex (1.8L) together with an insecticide Imidan (300ml) were applied prior to seeding on 25 May 2011. 90kg DAP + 2.5% zinc fertiliser was applied with the seed. The season was very favourable for growth of the crop and of weeds and disease, so the trial was sprayed post emergence with Ally (5g), Lontrel (100ml), MCPA agrictone750 (330ml), Topik (85ml), to control weeds, and with Dimethoate (100ml) insecticide. The trial was sprayed on 29 Aug and 11 Oct to control fungal pathogens. On each occasion sprayed with Prosaro 300mls + Hasten. At no time was the trial stressed by the weather so varieties were able to fully express their genetic potential.
Trial Design	Randomised block design of 3 blocks and 26 entries consisting of comparators and potential candidates. Sown in 12 ranges of 13 plots wide, block 1 being in ranges 1 to 2 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approximately 1000 plants per plot. Qualitative characters were recorded for every replicate at the appropriate growth stage.
Measurements	Quantitative characters were measured on 10 randomly sampled plants from each replicate, the samples being taken at the appropriate growth stage or after maturity. Statistical analyses were completed using GENSTAT software.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: A simple cross of 'Sunco'/2*'Pastor' to SUN436E was made in Spring 2003. F1 seed was selfed over summer in PBI Cobbitty glasshouse and F2 population grown in PBI Cobbitty tunnel house using Single Seed Decent (SSD) method from Apr to Jul 2004. F3 population was sown as spaced plants in Cobbitty field in Aug 2004. Single heads were selected on stem, leaf and stripe rust reactions, bulked and sown in Cobbitty tunnel house again as F4 using SSD in 2004/2005. F5 was sown as spaced plants in Cobbitty field. Single plants were selected on stem, leaf and stripe rust reactions and plant type in 2005. The 365 selections were then sown in Narrabri in 2006 and the individual plots were selected heavily on plant type, maturity and milling quality. 'Suntop' (SUN595B) was evaluated for grain yield, disease resistance and quality in the 2007 to 2010 seasons at nurseries located in NSW, QLD, VIC, WA and SA. Breeder: Dr Meiqin Lu, Australian Grain Technologies Pty Ltd, Urrbrae, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flag leaf	glaucosity of sheath	medium to strong
Ear	glaucosity	weak to medium
Straw	pith in cross section	very thin
Awns or scurs	presence	awns present
Ear colour	colour	white
Lower glume	shoulder width	narrow
Lower glume	shoulder shape	straight to elevated
Plant	seasonal type	spring type

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Livingston'	

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

	Organ/Plant Part: Context	'Suntop'	'Livingston'
☐	*Plant: growth habit	erect to semi-erect	semi-erect
☐	Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak
☑	Plant: frequency of plants with recurved flag leaves	medium	high
☑	*Time of: ear emergence	medium to late	early to medium
☐	*Flag leaf: glaucosity of sheath	medium to strong	medium to strong
☐	*Ear: glaucosity	weak to medium	weak to medium
☐	Culm: glaucosity of neck	medium	medium to strong
☐	*Plant: length	medium to long	medium to long
☐	*Straw: pith in cross section	very thin	very thin
☐	*Ear: shape in profile	tapering	tapering

*Ear: density	medium	lax to medium
Ear: length	long	medium
*Awns or scurs: presence	awns present	awns present
*Awns of scurs at tip of ear: length	short to medium	short to medium
*Ear: colour	white	white
Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak
Lower glume: shoulder width	narrow	narrow
Lower glume: shoulder shape	straight to elevated	straight to elevated
Lower glume: beak length	medium	medium
Lower glume: beak shape	straight	straight
Lower glume: extent of internal hair	very weak	very weak
Lowest lemma: beak shape	slightly curved	moderately curved
*Grain: colour	white	white
Grain: colouration with phenol	dark to very dark	dark to very dark
*Seasonal type:	spring type	spring type

Statistical Table

Organ/Plant Part: Context	**'Suntop'**	**'Livingston'**
Plant: time of ear emergence (Julian days)		
Mean	258.33	248.33
Std. Deviation	0.58	1.15
LSD/sig	3.75	P≤0.01
Ear: length (mm)		
Mean	99.85	87.20
Std. Deviation	6.27	4.32
LSD/sig	7.92	P≤0.01
Plant: length (cm)		
Mean	90.70	87.10
Std. Deviation	2.92	4.57
LSD/sig	3.82	ns

Prior Applications and Sales

Nil.

Description: **Andrew Cecil,** Australian Grain Technologies Pty Ltd, Urrbrae, SA.

Details of Application

Application Number	2010/183
Variety Name	'LemLimeGL'
Genus Species	*Agonis flexuosa*
Common Name	Willow Myrtle
Synonym	
Accepted Date	11 Oct 2010
Applicant	George A Lullfitz, Wanneroo, WA
Agent	
Qualified Person	Peter Abell

Details of Comparative Trial

Location	Lullfitz Nursery corner Caporn Street and Honey Road, Wanneroo, WA.
Descriptor	Willow peppermint (*Agonis flexuosa*) PBR AGON
Period	Aug 2011 to Jan 2012
Conditions	Plant were potted into 140mm containers and placed under overhead irrigation. The plants were rowed and blocked in full sun with limited influence from the surrounding environment. A single application of CRF fertiliser at potting lasted the trial period. The region is in the northern suburbs of Perth, WA.
Trial Design	Plants were potted and placed into single rows of candidate in one row with the comparator beside. There were 15 plants of each variety.
Measurements	Measurements are in millimetres and taken where appropriate to assist with the description of the variety.
RHS Chart - edition	2007

Origin and Breeding

Seedling selection: In May 2007 a seedling of a lime green leaved form of *Agonis flexuosa* was observed on a roadside in Perth, WA. In Jun 2007 cuttings were taken (generation 1) with seven (7) more generations being taken up until Apr 2010. The variety 'LemlimeGL' demonstrates the character for which it was selected. All generations were uniform and stable with no off types being observed. Breeder: George A. Lullfitz..

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf blade	Colour of mature leaf	lime green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Belbra Gold'	This is the closest variety to the candidate. Other varieties have dark or red coloured foliage at some stage of their growth cycle.

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

Organ/Plant Part: Context	'LemLimeGL'	'Belbra Gold'
☐ Plant: growth habit	upright	upright
☐ Plant: vigour	strong	medium
☐ Plant: height	medium	tall
☐ Plant: density	dense	medium
☐ Stem: inner angle of lateral shoots to main stem	acute	acute to right angle
☐ Stem: length of longest primary branch	medium	medium
☐ Stem: colour of young stem (RHS colour chart)	lighter than comparator	pink
☐ Stem: degree of basal branching	medium	medium
☑ Leaf blade: length	medium to long	short to medium
☑ Leaf blade: width	narrow to medium	broad
☐ Leaf blade: shape	lanceolate	lanceolate
☐ Leaf blade: shape of apex	acute	acute
☐ Leaf blade: shape of base	attenuate	attenuate
☐ Leaf bade: undulation of margin	absent or very weak	very weak to weak
☐ Leaf blade: cross-section	concave to flat	concave to flat
☐ Leaf blade: curvature of longitudinal section	straight to recurved	straight to recurved
☑ Leaf blade: variegation	absent	present
☑ Leaf blade: colour of immature leaf (RHS colour chart)	between 153A and 151A	12B
☑ Leaf blade: colour of mature leaf (RHS colour chart)	147A	144B
☑ Leaf blade: glossiness	medium to strong	weak

Prior Applications and Sales

Nil

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

GRANTS

Argyranthemum frutescens

MARGUERITE DAISY

'Bonmadcher'$^{\Phi}$ syn Cherry Red$^{\Phi}$

Application No: 2009/019
Applicant: **Bonza Botanicals Pty Limited**
Certificate No: 4329 Expiry Date: 5 October, 2031.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

'BONMADCREL'$^{\Phi}$ syn Yellow Crested$^{\Phi}$

Application No: 2008/170
Applicant: **Bonza Botanicals Pty Ltd**
Certificate No: 4332 Expiry Date: 11 October, 2031.
Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

'Bonmadpipa'$^{\Phi}$ syn Pink Single$^{\Phi}$

Application No: 2008/172
Applicant: **Bonza Botanicals Pty Ltd**
Certificate No: 4333 Expiry Date: 11 October, 2031.
Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

'Bonmadprose'$^{\Phi}$ syn Yellow Single$^{\Phi}$

Application No: 2008/173
Applicant: **Bonza Botanicals Pty Ltd**
Certificate No: 4334 Expiry Date: 11 October, 2031.
Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

Armeria alliacea

PLANTAIN THRIFT, SEA PINK

'Pretty Petite'$^{\Phi}$

Application No: 2009/171
Applicant: **Plant Growers Australia**
Certificate No: 4354 Expiry Date: 12 December, 2031.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Armeria x pseudarmeria

THRIFT

‘Bees Lilac’Φ

Application No: 2009/286
Applicant: **Plant Growers Australia**
Certificate No: 4357 Expiry Date: 12 December, 2031.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

‘Bees Pink’Φ

Application No: 2009/285
Applicant: **Plant Growers Australia**
Certificate No: 4356 Expiry Date: 12 December, 2031.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

‘Bees Salmon’Φ

Application No: 2009/287
Applicant: **Plant Growers Australia**
Certificate No: 4365 Expiry Date: 20 December, 2031.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, TAS.

Cordyline obtecta

CABBAGE TREE

‘Falcon’Φ

Application No: 2006/221
Applicant: **Scott Base Nurseries Ltd**
Certificate No: 4360 Expiry Date: 19 December, 2036.
Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

Fragaria xananassa

STRAWBERRY

‘DrisStrawSix’Φ

Application No: 2009/173
Applicant: **Driscoll Strawberry Associates, Inc**
Certificate No: 4355 Expiry Date: 9 December, 2031.
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

‘DrisStrawTen’Φ

Application No: 2009/294
Applicant: **Driscoll Strawberry Associates, Inc**

Certificate No: 4358 Expiry Date: 9 December, 2031.
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

‘Florida Radiance’[Φ] syn Florida Fortuna[Φ]

Application No: 2009/125
Applicant: **University of Florida Board of Trustees**
Certificate No: 4331 Expiry Date: 4 October, 2031.
Agent: **The State of Queensland acting through the Department of Employment, Economic Development and Innova**, Indooroopilly, QLD.

Grevillea formosa x Grevillea banksii

GREVILLEA

‘Ninderry-Sunrise’[Φ]

Application No: 2009/038
Applicant: **Waragrow Holdings Pty Ltd T/as Fairhill Native Plants & Botanic Gardens,** Yandina, QLD.
Certificate No: 4344 Expiry Date: 20 October, 2031.

Lactuca sativa

LETTUCE

‘CAVERNET’[Φ]

Application No: 2008/268
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV**
Certificate No: 4348 Expiry Date: 29 November, 2031.
Agent: **Rijk Zwaan Australia Pty Ltd**, DAYLESFORD, VIC.

‘Expedition’[Φ]

Application No: 2010/034
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV**
Certificate No: 4359 Expiry Date: 12 December, 2031.
Agent: **Rijk Zwaan Australia Pty Ltd**, DAYLESFORD, VIC.

‘JADIGON’[Φ]

Application No: 2009/100
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV**
Certificate No: 4353 Expiry Date: 12 December, 2031.
Agent: **Rijk Zwaan Australia Pty Ltd**, DAYLESFORD, VIC.

‘KIBOU’[Φ]

Application No: 2006/271
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV**

Certificate No: 4347 Expiry Date: 29 November, 2031.
Agent: **Rijk Zwaan Australia Pty Ltd**, DAYLESFORD, VIC.

‘QUINTUS’Φ

Application No: 2009/101
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV**
Certificate No: 4352 Expiry Date: 12 December, 2031.
Agent: **Rijk Zwaan Australia Pty Ltd**, DAYLESFORD, VIC.

Lepironia articulata

LEPIRONIA

‘LA20’Φ

Application No: 2009/292
Applicant: **Craig Waters**
Certificate No: 4345 Expiry Date: 22 November, 2031.
Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

Mangifera indica

MANGO

‘TPP5’Φ

Application No: 2008/071
Applicant: **Tropical Primary Products,** Humpty Doo, NT.
Certificate No: 4327 Expiry Date: 5 October, 2036.

‘TPP6’Φ

Application No: 2008/072
Applicant: **Tropical Primary Products,** Humpty Doo, NT.
Certificate No: 4328 Expiry Date: 5 October, 2036.

Pelargonium x hortorum

PELARGONIUM

‘Baldeslipzle’Φ syn Light Pink SizzleΦ

Application No: 2009/018
Applicant: **Ball Horticultural Company**
Certificate No: 4323 Expiry Date: 5 October, 2031.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

‘Ballurtang’[Φ] syn Allure Tangerine[Φ]

Application No: 2009/017
Applicant: **Silzie GmbH & Co KG**
Certificate No: 4321 Expiry Date: 5 October, 2031.
Agent: **Oasis Horticulture Pty Ltd**, Winmalee, NSW.

Prunus persica

PEACH

‘Burpeachfifteen’[Φ] syn Burpchfifteen[Φ]

Application No: 2005/236
Applicant: **The Burchell Nursery, Inc.**
Certificate No: 4337 Expiry Date: 12 October, 2036.
Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

‘Burpeachnineteen’[Φ] syn Burpchnineteen[Φ]

Application No: 2008/023
Applicant: **The Burchell Nursery, Inc.**
Certificate No: 4340 Expiry Date: 12 October, 2036.
Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

‘Burpeachseven’[Φ] syn Burpchseven[Φ]

Application No: 2004/188
Applicant: **The Burchell Nursery, Inc.**
Certificate No: 4335 Expiry Date: 12 October, 2036.
Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

‘Burpeachthirteen’[Φ] syn Burpchthirteen[Φ]

Application No: 2005/237
Applicant: **The Burchell Nursery, Inc.**
Certificate No: 4342 Expiry Date: 12 October, 2036.
Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

‘Tatura Blaze’[Φ]

Application No: 2009/068
Applicant: **Agriculture Victoria Services Pty Ltd,** Attwood, VIC.
Certificate No: 4341 Expiry Date: 13 October, 2036.

Prunus persica var. nucipersica

NECTARINE

‘Burnectfour’Φ

Application No: 2004/190
Applicant: **The Burchell Nursery, Inc.**
Certificate No: 4336 Expiry Date: 12 October, 2036.
Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

‘Burnectfourteen’Φ

Application No: 2005/244
Applicant: **The Burchell Nursery, Inc.**
Certificate No: 4339 Expiry Date: 12 October, 2036.
Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

‘Burnectseven’Φ

Application No: 2005/243
Applicant: **The Burchell Nursery, Inc.**
Certificate No: 4338 Expiry Date: 12 October, 2036.
Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

Prunus salicina x Prunus armeniaca

INTERSPECIFIC PLUM

‘Flavorfall’Φ

Application No: 2002/160
Applicant: **Zaiger's Inc. Genetics**
Certificate No: 4325 Expiry Date: 5 October, 2036.
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

Pyrus communis

EUROPEAN PEAR

‘Rullo Special’Φ

Application No: 2004/208
Applicant: **Cherry Royale Pty Ltd**
Certificate No: 4346 Expiry Date: 28 November, 2036.
Agent: **Australian Nurserymen's Fruit Improvement Company Limited**, Bathurst, NSW.

Rosa hybrid

ROSE

‘JACadyna’Φ syn High SocietyΦ

Application No: 2007/073
Applicant: **Jackson & Perkins Wholesale, Inc.**
Certificate No: 4324 Expiry Date: 6 October, 2031.
Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

‘JACweave’Φ syn Social ClimberΦ

Application No: 2007/076
Applicant: **Jackson & Perkins Wholesale, Inc.**
Certificate No: 4326 Expiry Date: 6 October, 2031.
Agent: **Swane's Nurseries Australia Pty Limited**, Dural, NSW.

Rosmarinus officinalis

ROSEMARY

‘Barbecue’Φ

Application No: 2003/237
Applicant: **State Of Israel - Ministry of Agriculture**
Certificate No: 4343 Expiry Date: 18 October, 2031.
Agent: **Sprint Horticulture Pty. Ltd**, Erina, NSW.

Scaevola humilis

FAN FLOWER

‘PFS100’Φ

Application No: 2010/229
Applicant: **SPROCZ Pty Ltd**
Certificate No: 4366 Expiry Date: 21 December, 2031.
Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

Senecio hybrid

SENECIO, CINERARIA

‘Sunsenebaibai’Φ

Application No: 2009/114
Applicant: **Suntory Flowers Limited**
Certificate No: 4330 Expiry Date: 4 October, 2031.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

‘Sunseneribuba’[Φ] syn Blue Bicolour[Φ]

Application No: 2008/340
Applicant: **Suntory Flowers Limited**
Certificate No: 4322 Expiry Date: 4 October, 2031.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

Triticum aestivum

WHEAT

‘ESTOC’[Φ]

Application No: 2010/185
Applicant: **Australian Grain Technologies Pty Ltd,** Adelaide, SA.
Certificate No: 4364 Expiry Date: 8 December, 2031.

‘JUSTICA CL Plus’[Φ]

Application No: 2010/188
Applicant: **Australian Grain Technologies Pty Ltd,** Adelaide, SA.
Certificate No: 4361 Expiry Date: 9 December, 2031.

Triticum aestivum

WHEAT

‘KORD CL Plus’[Φ]

Application No: 2010/186
Applicant: **Australian Grain Technologies Pty Ltd,** Adelaide, SA.
Certificate No: 4363 Expiry Date: 8 December, 2031.

‘LongReach Orion’[Φ] syn LRPB Orion[Φ]

Application No: 2009/196
Applicant: **LongReach Plant Breeders Management Pty Ltd,** Lonsdale, SA.
Certificate No: 4350 Expiry Date: 30 November, 2031.

‘LongReach Scout’[Φ] syn LRPB Scout[Φ]

Application No: 2009/195
Applicant: **LongReach Plant Breeders Management Pty Ltd,** Lonsdale, SA.
Certificate No: 4349 Expiry Date: 29 November, 2031.

‘SABEL CL Plus’[Φ]

Application No: 2010/187
Applicant: **Australian Grain Technologies Pty Ltd,** Adelaide, SA.
Certificate No: 4362 Expiry Date: 9 December, 2031.

Vaccinium corymbosum

BLUEBERRY

‘DrisBlueThree’ϕ

Application No: 2008/319
Applicant: **Driscoll Strawberry Associates, Inc**
Certificate No: 4351 Expiry Date: 9 December, 2031.
Agent: **Phillips Ormonde & Fitzpatrick**, Melbourne, VIC.

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Change of Agent

Application No.	*Genus*	*Species*	Variety	Changed From	Changed To
2004/133	*Cordyline*	*fruticosa*	BRA01	Anthony Tesselaars Pty Ltd	Peter Brauns
2010/149	*Vitis*	*vinifera*	Sheegene 2	Scholefield Robinson Mildura Pty Ltd	Sheehan Genetics Australia Pty Ltd
2010/150	*Vitis*	*vinifera*	Sheegene 4	Scholefield Robinson Mildura Pty Ltd	Sheehan Genetics Australia Pty Ltd
2010/151	*Vitis*	*vinifera*	Sheegene 5	Scholefield Robinson Mildura Pty Ltd	Sheehan Genetics Australia Pty Ltd
2010/152	*Vitis*	*vinifera*	Sheegene 9	Scholefield Robinson Mildura Pty Ltd	Sheehan Genetics Australia Pty Ltd
2010/153	*Vitis*	*vinifera*	Sheegene 12	Scholefield Robinson Mildura Pty Ltd	Sheehan Genetics Australia Pty Ltd
2010/154	*Vitis*	*vinifera*	Sheegene 13	Scholefield Robinson Mildura Pty Ltd	Sheehan Genetics Australia Pty Ltd
2005/113	*Lolium*	*boucheanum*	Maverick II	Wrightson Seeds Australia	Griffith Hack
2005/115	*Lolium*	*multiflorum*	WSR II	Wrightson Seeds Australia	Griffith Hack
2004/036	*Lolium*	*perenne*	XTM	Wrightson Seeds Australia	Griffith Hack
2007/050	*Lolium*	*perenne*	One 50	PGGW Seeds Ltd	Griffith Hack
2007/041	*Lolium*	*hybridum*	BQT II	PGGW Seeds Ltd	Griffith Hack
2006/220	*Festuca*	*arundinacea*	Quantum II	PGGW Seeds Ltd	Griffith Hack
1998/131	*Festuca*	*arundinacea*	Resolute	Wrightson Seeds Australia	Griffith Hack
2005/223	*Lupinus*	*albus*	Rosetta	Graintrust Pty Ltd	Viterra
2005/074	*Lupinus*	*albus*	Luxor	Graintrust Pty Ltd	Viterra
2009/026	*Gomphrena*	*leontopodioides*	Empress	The University of Queensland	Fisher Adams Kelly
2004/021	*Prunus*	*armeniaca*	Suapriseven	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2003/077	*Prunus*	*armeniaca*	Suaprieight	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2006/165	*Prunus*	*armeniaca*	Suaprinine	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2000/164	*Vitis*	*vinifera*	Sugratwelve	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2000/104	*Vitis*	*vinifera*	Sugrathirteen	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2001/152	*Vitis*	*vinifera*	Sugrasixteen	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2004/321	*Vitis*	*vinifera*	Sugraeighteen	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2004/320	*Vitis*	*vinifera*	Sugranineteen	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2008/366	*Vitis*	*vinifera*	Sugrathirtyone	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2008/367	*Vitis*	*vinifera*	Sugrathirtytwo	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2009/205	*Vitis*	*vinifera*	Sugrathirtyfour	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2007/323	*Prunus*	*persica*	Sunectwentyone	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2007/056	*Prunus*	*persica*	Supechfifteen	Sun World Australasia	Corrs Chambers Westgarth Lawyers

2006/161	*Prunus*	*salicina*	Suplumtwentytwo	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2006/162	*Prunus*	*salicina*	Suplumtwentythree	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2006/163	*Prunus*	*salicina*	Suplumtwentyfour	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2008/082	*Prunus*	*salicina*	Suplumtwentyfive	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2006/164	*Prunus*	*salicina*	Suplumtwentyeight	Sun World Australasia	Corrs Chambers Westgarth Lawyers
2009/204	*Prunus*	*salicina*	Suplumthirtyseven	Sun World Australasia	Corrs Chambers Westgarth Lawyers

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Change of Applicant's Name

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2002/116	Medicago	sativa	SuperSiriver	Lucerne	Seed Genetics Australia Pty Ltd	Seed Genetics International Pty Ltd
2003/017	Trifolium	repens	SuperLadino	White Clover	Seed Genetics Australia Pty Ltd	Seed Genetics International Pty Ltd
2003/018	Medicago	sativa	SuperAurora	Lucerne	Seed Genetics Australia Pty Ltd	Seed Genetics International Pty Ltd
2003/019	Trifolium	repens	SuperHaifa	White Clover	Seed Genetics Australia Pty Ltd	Seed Genetics International Pty Ltd
2003/020	Medicago	sativa	Supercuf	Lucerne	Seed Genetics Australia Pty Ltd	Seed Genetics International Pty Ltd
2003/364	Trifolium	repens	SuperHuia	White Clover	Seed Genetics Australia Pty Ltd	Seed Genetics International Pty Ltd
2007/165	Medicago	sativa	SuperSonic	Lucerne	Seed Genetics Australia	Seed Genetics International Pty Ltd
2010/225	Trifolium	repens	SuperHaifa II	White Clover	Seed Genetics Australia Pty Ltd	Seed Genetics International Pty Ltd
2010/226	Medicago	sativa	SuperSiriver II	Lucerne	Seed Genetics Australia Pty Ltd	Seed Genetics International Pty Ltd
2010/227	Medicago	sativa	SuperStar	Lucerne	Seed Genetics Australia Pty Ltd	Seed Genetics International Pty Ltd

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Denomination Changed

Application No.	Genus	Species	Common Name	Changed From	Changed To
2009/334	Brachiaria	ruziziensis x decumbens x brizantha	Brachiaria hybrid	CIAT BR02/1794	HSBR104
2009/333	Brachiaria	ruziziensis x decumbens x brizantha	Brachiaria hybrid	CIAT BR02/1718	HSBR103
2009/332	Brachiaria	ruziziensis x decumbens x brizantha	Brachiaria hybrid	CIAT BR02/1752	HSBR102
2009/331	Brachiaria	ruziziensis x decumbens x brizantha	Brachiaria hybrid	CIAT BR02/0465	HSBR101
2011/186	Lens	culinaris	lentil	CIPAL0702	PBA Herald XT
2010/058	Lolium	hybridum	Hybrid ryegrass	LP 534	Trojan

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Synonym Added

Application No.	*Genus*	*Species*	*Variety*	*Common Name*	*Synonym Changed From*	*Synonym Changed To*
2010/058	Lolium	hybridum	*Trojan*	*Hybrid ryegrass*		*Impact 2*

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WITHDRAWN

The following varieties are no longer under PBR provisional protection

App. No.	Genus	Species	Common Name	Variety
2010/101	*Westringia*	hybrid		WESNV1
2010/088	*Tacitus*	*ashei*	Chihuahua-flower	TACDAM 0107
2010/273	*Rosa*	hybrid	Rose	GRA440R2
2000/300	*Malus*	*domestica*	Apple	Pinova
2001/195	*Prunus*	*avium*	Prunus	Enjidel
2010/144	*Kalanchoe*	hybrid	Kalanchoe	Evita
2010/235	*Vaccinium*	hybrid	Southern Highbush Blueberry	Lehl-64
2010/236	*Vaccinium*	hybrid	Southern Highbush Blueberry	Lehl-56
2009/073	*Vaccinium*	hybrid	Southern Highbush Blueberry	Rebel
2007/264	*Vaccinium*	hybrid	Southern Highbush Blueberry	Abundance
2000/122	*Trifolium*	*repens*	White Clover	Trifol Sweet
2010/276	*Grevillea*	*bipinnatifida*	Grevillea	Pick o' the Crop
2001/088	*Mangifera*	*indica*		Ruby

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Grants Surrendered

App. No.	Genus	Species	Variety	Synonym	Common Name
2005/072	*Philotheca*	*myoporoides*	Bournda Gold		Waxflower
1995/237	*Geranium*	hybrid	Pink Spice		
2003/348	*Rosa*	hybrid	POULbambe		Rose
2006/140	*Rosa*	hybrid	Poulac017		Rose
2003/180	*Ajuga*	*tenorii*	Chocolate Chip	Valfredda	Ajuga
1999/243	*Begonia*	*boliviensis*	Bonfire		*Begonia*
1993/159	*Chamelaucium*	*uncinatum*	Cascade Jewel		Waxflower
1994/105	*Hardenbergia*	*violacea*	Bushy Blue		False Sarsparilla
2001/036	*Duranta*	*repens*	Sheena's Lime Glow		Golden Dewdrop
1997/309	*Cucurbita*	*maxima*	Dulong QHI		Pumpkin
2003/112	*Fragaria*	*xananassa*	QHI Harmony		Strawberry
1992/025	*Glycine*	*max*	Warrigal		Soybean
2001/009	*Hordeum*	*vulgare*	Binalong		Barley
2000/277	*Gossypium*	*hirsutum*	NuTopaz		
2004/324	*Triticosecale*		Pacific Falcon		Triticale
1999/221	*Hebe*	hybrid	Southern Sunrise		Hebe
2007/171	*Triticum*	*aestivum*	LongReach Hornet	LRPB Hornet	Wheat
1994/141	*Brachyscome*	hybrid	MISTY MAUVE		Brachyscome
1994/144	*Brachyscome*	hybrid	Lemon Twist		Brachyscome
2004/241	*Clematis*	hybrid	Adrian James		Clematis
2001/311	*Osteospermum*	hybrid	Seidacre		Cape Daisy
2001/312	*Osteospermum*	hybrid	Seimora		Cape Daisy
2001/313	*Osteospermum*	hybrid	Seikilrem		Cape Daisy
1997/262	*Grevillea*	hybrid	VJ 62		Grevillea
2003/202	*Triticum*	*aestivum*	Rees		Wheat
2003/002	*Rosa*	hybrid	Lexmei		Rose
2007/030	*Echinacea*	*purpurea*	Frangrant Angel		Coneflower

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Grants Expired

The following varieties are no longer under PBR protection:

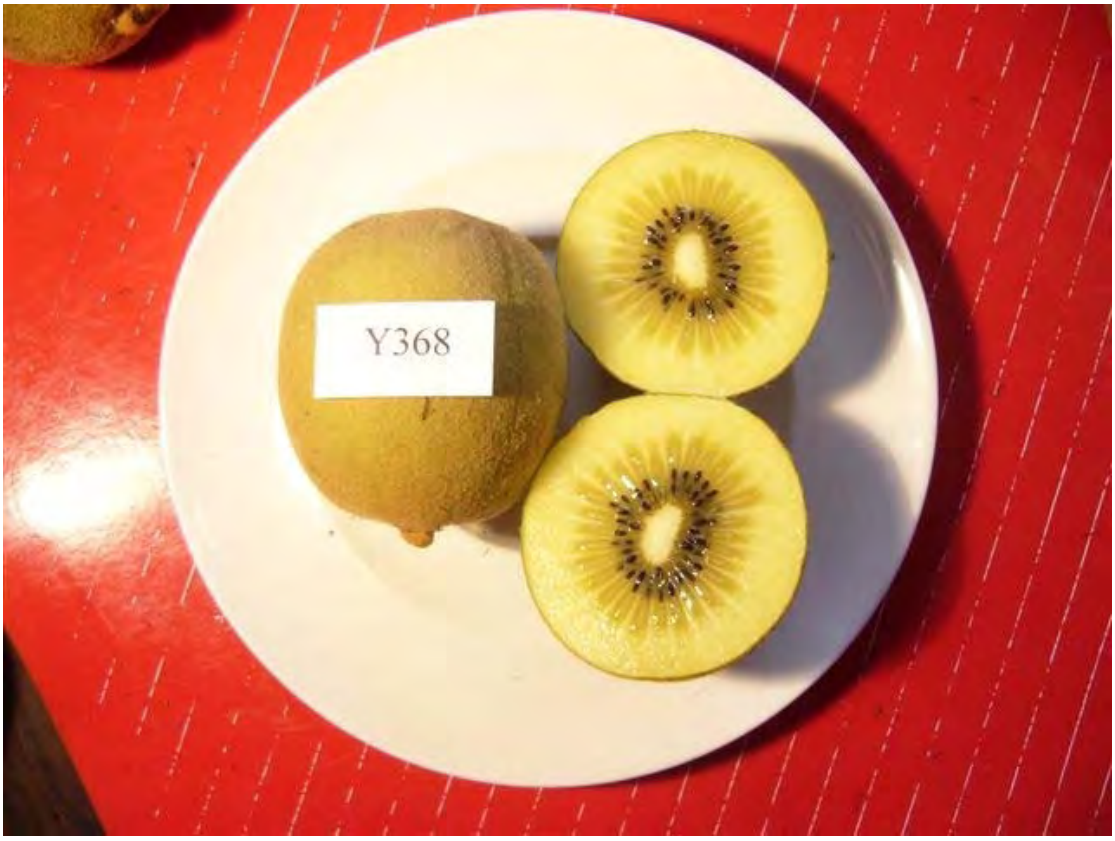
App. No.	Genus	*Species*	Common Name	Variety
1991/108	Bothriochloa	*pertusa*	Indian Bluegrass	MEDWAY
1991/117	Syzygium	*paniculatum*		LILLYPUT
1991/119	Phaseolus	*vulgaris*		Jade
1991/104	Dipladenia	*sanderii*		My Fair Lady
1992/002	Rosa	hybrid		AOTEAROA

Corrigenda

KIWIFRUIT
Actinidia chinensis

'Y368'
Application No: 2007/101

The photograph of the variety published on page 66 of *Plant Varieties Journal* Vol 24 issue 2, has been replaced by the following photograph.



STRAWBERRY
Fragaria x *ananassa*

'DrisStrawNine'
Application No. 2009/293

The claim of distinctness on Fruit: insertion of calyx has been removed from the published detailed description (PVJ 23.4) because this characteristic does not meet the PBR distinctness requirement.

ROSE
Rosa hybrid

'Grandakerue'
Application No. 2009/289

The claim of distinctness on Flower: fragrance has been removed from the published detailed description (PVJ 24.1) because this characteristic does not meet the PBR distinctness requirement.

Dahlia
Dahlia variabilis

‘Zone Ten’
Application No. 2007/038

The overseas data reference number, DAH0061 has been included in the published detailed description (PVJ 24.1); it was inadvertently omitted from the publication.

Rose
Rosa

‘Meijacolet’
Application No. 2003/075

In the table of the detailed description published in PVJ 23.3 the Petal: colour of middle zone of inner side and Petal: colour of middle zone of outer side for ‘Meijacolet’ are given as RHS 60D when in fact it should be RHS 6D in both cases.

Rose
Rosa

‘Olijabrau’
Application No. 1999/158

In the table of the detailed description published in PVJ 23.3 the Petal: colour of marginal zone of outer side for ‘Olijbrau’ is given as RHS 7A when in fact it should be RHS 47A.

Australian Government
IP Australia

Part 3 Appendices

The appendices to *Plant Varieties Journal* **(Vol. 24 Issue 4)** are listed below:

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 acceptance[1], 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 10th 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

Member Representing Plant Breeders Mr Christopher Prescott Prescott Roses Pty Ltd PO Box 507 BERWICK VIC 3806	**Member Representing Plant Breeders** Mr Denis McGrath Advise Pty Ltd PO Box 63 INVERLEIGH 3321
Member Representing Users Mr Kerrie Gleeson Australian Grain Technologies 23 Pinehurst Avenue PO Box 26 DUBBO NSW 2830	**Member Representing Consumers** Ms Penny Hendy 483 Ross Road KATUNGA VIC 3640
Member Representing Conservation Professor Robert Henry Centre for Plant Conservation Genetics South Cross University PO Box 157 LISMORE NSW 2480	**Member Representing Indigenous Interests** Mr John Collyer Worn Gundidj Aboriginal Cooperative PO Box 1134 Warrnambool VIC 3280
Member with Appropriate Qualifications Mr Benny Browne Griffith Hack 509 St Kilda Road MELBOURNE VIC 3004	**Member with Appropriate Qualifications** Professor Brad Sherman TC Beirne School of Law University of Queensland ST LUCIA QLD 4072
Chair (Delegate of the PBR Registrar) Mr Doug Waterhouse IP Australia PO Box 200 Woden ACT 2606	

APPENDIX 3 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

The following persons have been accredited by the PBR office based on information provided by these persons. From the information provided by the applicants, the PBR office believes that these people can fulfil the role of 'qualified person' in the application for plant breeder's rights. Neither accreditation nor publication of a name in the list of persons is an implicit recommendation of the person so listed. The PBR office cannot be held liable for damages that may arise from the omission or inclusion of a person's name in the list nor does it assume any responsibility for losses or damages arising from agreements entered into between applicants and any person in the list of accredited persons. Qualified persons charge a fee for services rendered.

A guide to the use of the index of consultants:

- locate in the left column of Table 1 the plant group for which you are applying;
- listed in the right column are the names of accredited qualified persons from which you can choose a consultant;
- in Table 2 find that consultant's name, telephone number and area in which they are willing to consult (they may consult outside the nominated area);
- using the "Nomination of Qualified Person" form as a guide, agree provisionally on the scope and terms of the consultancy; complete the form and attach it to Part 1 of the application form;
- when you are notified that your nomination of a consultant qualified person is acceptable in the letter of acceptance of your application for PBR you should again consult the qualified person when planning the rest of the application for PBR.

TABLE 1

PLANT GROUP/SPECIES/FAMILY	CONSULTANT'S NAME (TELEPHONE AND AREA IN TABLE 2)
Actinidia	Lye, Colin Paananen, Ian Richards, Graeme
Agapanthus	Paananen, Ian
Almonds	Cottrell, Matthew Granger, Andrew Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Buchanan, Peter Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce

Anigozanthos	Paananen, Ian Kirby, Greg Smith, Daniel
Anthurium	Paananen, Ian
Aroid	Harrison, Peter
Avocado	Cottrell, Matthew Lye, Colin Edwards, Arthur MacGregor, Alison Owen-Turner, John Parr, Wayne Swinburn, Garth Whiley, Tony
Azalea	Barrett, Mike Hempel, Maciej Paananen, Ian
Barley (Common)	Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James
Berry Fruit	Darmody, Liz Fleming, Graham Greer, Neil Scholefield, Peter Zorin, Margaret
Blackberry (*Rubus* sp)	Paananen, Ian
Blandfordia	Treverrow, Florence
Blueberry	Paananen, Ian Scalzo, Jessica Zorin, Margaret
Boronia	Umaretiya, Praful
Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian

Brassica	Bannan, Nathaniel Chequer, Robert Cooper, Kath Downes, Ross Easton, Andrew Fennell, John Gororo, Nelson Johnston, Evan Kadkol, Gururaj Laker, Richard Light, Kate McMichael, Prue O'Connell Peter Rhodes, Phil Rudolph, Paul Sanders, Milton Saunders, James Scholefield, Peter Mouwen, Heidi Watson, Brigid Zadow, Diane
Brunia	Dunstone, Bob
Buddleia	Robb, John Paananen, Ian
Buffalo Grass	Paananen, Ian
Calibrachoa	Paananen, Ian
Callistemon	Parsons, Rodney
Camellia	Paananen, Ian Robb, John
Cannabis (low THC varieties only and subject to holding a current licence from the appropriate authority)	Bolton, Keith Calabria, Patrick Warner, Philip
Carnation/Dianthus	Paananen, Ian
Chamelaucium	Umaretiya, Praful

Cereals	Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Johnston, Evan Khan, Akram Mitchell, Leslie Moore, Stephen Oates, John Platz, Greg Porter, Richard Poulsen, David Rhodes, Phil Roake, Jeremy Rogers, Clinton Rose, John Saunders, James Scattini, Walter John Siedel, John Watson, Brigid Wilson, Frances
Cherry	Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Mackay, Alastair Mitchell, Leslie Pumpa, Lucy Scholefield, Peter
Chickpeas	Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James
Chrysanthemum	Paananen, Ian
Citrus	Calabria, Patrick Chalmers, Yasmin Michelle Cottrell, Matthew Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Scholefield, Peter Swinburn, Garth Sykes, Stephen Topp, Bruce
Clivia	Smith, Kenneth

Clover	Bannan, Nathaniel Downes, Ross James, Jennifer Johnston, Evan Lake, Andrew Miller, Jeff Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James Watson, Brigid
Cotton	Khan, Akram Leske, Richard
Cucurbits	Herrington, Mark McMichael, Prue O'Connell Peter Rhodes, Phil Scholefield, Peter Sykes, Stephen
Desmanthus	Brennan, Paul
Dianella	Paananen, Ian
Dogwood	Darmody, Liz Fleming, Graham
Echinacea	Paananen, Ian
Eremophila	Parsons, Rodney
Eucalyptus	Paananen, Ian
Euphorbia	Paananen, Ian
Feijoa	Parr, Wayne Scholefield, Peter
Fibre Crops	Gillespie, David Khan, Akram
Fig	Darmody, Liz Fleming, Graham Parr, Wayne
Flower Bulbs	Verdegaal, John
Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James

Forage Grasses	Bannan, Nathaniel Downes, Ross Fennell, John Harrison, Peter Johnston, Evan Kirby, Greg Mitchell, Leslie Rhodes, Phil Smith, Kevin Watson, Brigid
Forage Legumes	Downes, Ross Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Miller, Jeff Porter, Richard Rhodes, Phil Saunders, James Siedel, John
Fruit	Brown, Gordon Cramond, Gregory Cottrell, Matthew Darmody, Liz Delaporte, Kate Fleming, Graham Gillespie, David Granger, Andrew Kennedy, Peter Lenoir, Roland McCarthy, Alec Mitchell, Leslie Paananen, Ian Parr, Wayne Portman, Sian Pumpa, Lucy Schapel, Amanda Scholefield, Peter
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony

Grape	Burne, Peter Chalmers, Yasmin Michelle Cottrell, Matthew Darmody, Liz Delaporte, Kate Farquhar, Wayne Fleming, Graham Lee, Slade Lye, Colin MacGregor, Alison Mitchell, Leslie Paananen, Ian Parr, Wayne Porter, Richard Pumpa, Lucy Schapel, Amanda Scholefield, Peter Smith, Daniel Swinburn, Garth Sykes, Stephen Valentine, Bruce
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian Parsons, Rodney Umaretiya, Praful
Gypsophila	Paananen, Ian
Hardenbergia	Dunstone, Bob
Hops (*Humulus* sp)	Paananen, Ian
Hydrangea	Hanger, Brian Paananen, Ian
Impatiens	Paananen, Ian
Jojoba	Dunstone, Bob
Kalanchoe	Paananen, Ian
Lavender	Paananen, Ian

Legumes	Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Imrie, Bruce Kadkol, Gururaj Kirby, Greg Khan, Akram Knights, Edmund Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John
Lentils	Collins, David Downes, Ross Goulden, David Khan, Akram Porter, Richard Rhodes, Phil Saunders, James
Lilium	Paananen, Ian
Liriope	Paananen, Ian
Lettuce	O'Connell, Peter
Lomandra	Paananen, Ian
Lucerne	Bannan, Nathaniel Downes, Ross Johnston, Evan Lake, Andrew Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James
Lupin	Collins, David Sanders, Milton Rhodes, Phil Saunders, James
Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian

Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony
Mushrooms, edible	Wong, Percy
Myrtaceae	Dunstone, Bob
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James
Oilseed crops	Downes, Ross Poulsen, David Siedel, John Rhodes, Phil Saunders, James
Olives	Bazzani, Mr Luigi Granger, Andrew Lunghusen, Mark
Onions	Bannan, Nathaniel Fennell, John Khan, Akram Laker, Richard McMichael, Prue O'Connell Peter Scholefield, Peter Rhodes, Phil

Ornamentals - Exotic	Abell, Peter Armitage, Paul Angus, Tim Barth, Gail Collins, Ian Cunneen, Thomas Darmody, Liz Delaporte, Kate Eggleton, Steve Fisk, Anne Marie Fleming, Graham Guy, Gareme Harrison, Dion Harrison, Peter Hempel, Maciej Johnston, Margaret Khan, Akram Lamont, Greg Larkman, Clive Lenoir, Roland Lowe, Greg Lunghusen, Mark Mackinnon, Amanda Marcsik, Doris McMichael, Prue Milne, Carolynn Mitchell, Hamish Mitchell, Leslie Oates, John O'Brien, Shaun Paananen, Ian Prescott, Chris Prince, John Robb, John Pumpa, Lucy Schapel, Amanda Scholefield, Peter Singh, Deo Smith, Ian Stewart, Angus Van der Staay, Rosemaree Anne Watkins, Phillip Watkinson, Andrew

Ornamentals - Indigenous	Abell, Peter Allen, Paul Angus, Tim Barrett, Mike Barth, Gail Cunneen, Thomas Delaporte, Kate Downes, Ross Eggleton, Steve Granger, Andrew Harrison, Dion Harrison, Peter Henry, Robert J Hockings, David Jack, Brian Johnston, Margaret Kirby, Greg Khan, Akram Lenoir, Roland Lowe, Greg Lunghusen, Mark Mackinnon, Amanda McMichael, Prue Milne, Carolynn Mitchell, Hamish Molyneux, W M Oates, John O'Brien, Shaun Paananen, Ian Prince, John Pumpa, Lucy Schapel, Amanda Scholefield, Peter Singh, Deo Slater, Tony Smith, Ian Tan, Beng Watkins, Phillip
Ornithopus	Foster, Kevin Nichols, Phillip
Osmanthus	Paananen, Ian Robb, John
Osteospermum	Paananen, Ian

Pastures & Turf	Anderson, Malcolm Avery, Angela Bannan, Nathaniel Cameron, Stephen Cook, Bruce Downes, Ross Harrison, Peter Kadkol, Gururaj Kemp, Stuart Kirby, Greg James, Jennifer Loch, Don McMaugh, Peter Miller, Jeff Mitchell, Leslie Neylan, John Paananen, Ian Porter, Richard Rhodes, Phil Rogers, Clinton Rose, John Saunders, James Sewell, James Smith, Raymond Scattini, Walter John Smith, Kevin Wilkes, Gregory Wilson, Frances Zorin, Margaret
Peanut	Cruickshank, Alan George, Doug
Pear	Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Paananen, Ian Portman, Anthony Richards, Susanna Scholefield, Peter Tancred, Stephen Valentine, Bruce
Pelargonium	Paananen, Ian
Persimmon	Parr, Wayne Swinburn, Garth
Petunia	Paananen, Ian
Philodendron	Paananen, Ian
Philotheca	Dunstone, Bob
Phormium	Paananen, Ian

Photinia	Robb, John
Pistacia	Cottrell, Matthew Richardson, Clive Sykes, Stephen
Pisum	Downes, Ross Goulden, David McMichael, Prue Rhodes, Phil Sanders, Milton Saunders, James
Potatoes	Delaporte, Kate Fennell, John Friemond, Terry Guertsen, Paul Hill, Jim Johnston, Evan McMichael, Prue O'Connell Peter Pumpa, Lucy Rhodes, Phil Saunders, James Schapel, Amanda Scholefield, Peter Slater, Tony Wilson, Graeme
Proteaceae	Barth, Gail Kirby, Neil Paananen, Ian Robb, John Scholefield, Peter
Prunus	Buchanan, Peter Calabria, Patrick Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Granger, Andrew Kennedy, Peter Mackay, Alastair Malone, Michael Portman, Anthony Richards, Graeme Richards, Susanna Topp, Bruce Wilkes, Gregory Witherspoon, Jennifer

Pulse Crops	Collins, David Downes, Ross Graetz, Darren Oates, John Porter, Richard Poulsen, David Rhodes, Phil Saunders, James
Raspberry	Darmody, Liz Fleming, Graham Herrington, Mark Scholefield, Peter Zorin, Margaret
Rhododendron	Barrett, Mike Paananen, Ian
Rose	Barrett, Mike Darmody, Liz Delaporte, Kate Fleming, Graham Hanger, Brian Lee, Peter McKirdy, Simon Paananen, Ian Prescott, Chris Pumpa, Lucy Schapel, Amanda Scholefield, Peter Swane, Geoff Syrus, A Kim
Scaevola	Paananen, Ian
Sesame	Bennett, Malcolm Harrison, Peter Imrie, Bruce
Sorghum	Khan, Akram
Soybean	Harrison, Peter James, Andrew
Spathiphylum	Paananen, Ian
Spices and Medicinal Plants	Hoxha, Adriana Khan, Akram

Stone Fruit	Barrett, Mike Cottrell, Matthew Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter MacGregor, Alison Mackay, Alistair Malone, Michael Scholefield, Peter Swinburn, Garth Valentine, Bruce
Strawberry	Herrington, Mark Kadkol, Gururaj Mitchell, Leslie Morrison, Bruce Scholefield, Peter Zorin, Margaret
Sugarcane	Cox, Mike Piperidis, George
Sunflower	George, Doug
Tomato	Herrington, Mark Khan, Akram Laker, Richard McMichael, Prue O'Connell Peter Rhodes, Phil Scholefield, Peter
Tree Crops	McRae, Tony
	Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Fittler, Michael Harrison, Peter Kulkarni, Vinod Parr, Wayne Scholefield, Peter Whiley, Tony
Umbrella Tree	Paananen, Ian

Vegetables	Bannan, Nathaniel Delaporte, Kate Fennell, John Frkovic, Edward Gillespie, David Harrison, Peter Hoxha, Adriana Khan, Akram Laker, Richard Lenoir, Roland MacGregor, Alison McMichael, Prue Oates, John O'Connor, Lauren Pearson, Craig Pumpa, Lucy Rhodes, Phil Schapel, Amanda Scholefield, Peter Westra Van Holthe, Jan
Verbena	Paananen, Ian
Walnut	Cottrell, Matthew Mitchell, Leslie
Wheat (Aestivum & Durum Groups)	Brennan, Paul Collins, David Downes, Ross Fittler, Michael Hoxha, Adriana Kadkol, Gururaj Khan, Akram Platz, Greg Rhodes, Phil Rogers, Clinton Saunders, James Sanders, Milton
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 0429 720 013 mobile	Australia
Barrett, Mike	02 9875 3087 02 9980 1662 fax 0407 062 494 mobile	NSW/ACT
Barth, Gail	08 8389 7479	SA and Victoria
Bazzani, Luigi	08 9772 1207 08 9772 1333 fax	Western Australia
Bennett, Malcolm	08 8973 9733 08 8973 9777 fax	NT, QLD, NSW, WA
Bolton, Keith	02 6621 5123 0428 888 123 mobile	Australia
Brennan, Paul	02 6688 0245 0407 662 242 mobile	Australia
Brown, Gordon	03 6239 6411 03 6239 6711 fax	Tasmania
Buchanan, Peter	07 4615 2182 07 4615 2183 fax	Eastern Australia
Burne, Peter	08 8582 0338 ph 08 8583 2104 fax 0418 834 102 mobile	South Australia
Calabria, Patrick	02 6963 6360 0438 636 219 mobile	Riverina area of NSW
Chalmers, Yasmin Michelle	03 5023 4644 03 5023 5814 0428 234 231 mobile	Murray Valley Region – from Swan Hill (VIC) to Waikerie (SA)
Chequer, Robert	03 5382 1269 0419 145 262 mobile	Victoria
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheatbelt of Western Australia
Cooper, Kath	08 8339 3049 0429 191 848 mobile	South Australia
Cottrell, Matthew	03 5024 8603 0438 594010 mobile	Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia

Cruickshank, Alan	07 4160 0722 07 4162 3238 fax	QLD
Cunneen, Thomas	02 4889 8647 02 4889 8657 fax	Sydney Region
Darmody, Liz	03 9756 6105 03 9752 0005 fax	Australia
Delaporte, Kate	08 8373 2488 08 8373 2442 fax 0427 394 240 mobile	South Australia
Downes, Ross	02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile	ACT, South East Australia
Dunstone, Bob	02 6281 1754 ph/fax	South East NSW
Easton, Andrew	07 4690 2666 07 4630 1063 fax	QLD and NSW
Edwards, Arthur	08 8586 1232 08 8595 1394 fax 0409 609 300 mobile	SE Australia
Eggleton, Steve	03 9876 1097 03 9876 1696 fax	Melbourne Region
Engel, Richard	08 9397 5941 08 9397 5941 fax	WA
Fennell, John	08 8369 8840 08 8389 8899 fax 0401 121 891 mobile	Australia
Farquhar, Wayne	08 85657000 08 85657011 fax	South Australia
Fittler, Michael	02 6773 2522 02 6773 3238	NSW
Fleming, Graham	03 9756 6105 03 9752 0005 fax	Australia
Friemond, Terry	08 9203 6720 08 9203 6720 fax 0438 915 811 mobile	Western Australia
Foster, Kevin	08 9368 3804 08 9474 2840 fax	Mediterranean areas of Australia
Frkovic, Edward	02 6962 7333 02 6964 1311 fax	Australia
George, Doug	07 5460 1308 07 5460 1112 fax	Australia
Gillespie, David	07 4155 6344 07 4155 6656 fax	Wide Bay Burnett District, QLD
Gororo, Nelson	03 5382 5911 03 5382 5755 fax 0428 534 770 mobile	Mediterranean areas of Australia
Goulden, David	64 3 325 6400 64 3 325 2074 fax	New Zealand
Graetz, Darren	08 8303 9362 08 8303 9424 fax	South Australia
Granger, Andrew	08 8389 8809 08 8389 8899 fax	South Australia
Greer, Neil	07 5441 1118 07 5476 0098 fax 0418 881 755 mobile	Australia
Guertsen, Paul	02 6845 3789 02 6845 3382 fax 0407 658 105 mobile	NSW, VIC, SE QLD
Hanger, Brian	03 9837 5547 ph/fax 0418 598106 mobile	Victoria

Hare, Ray	02 6763 1232 02 6763 1222 fax	QLD, NSW VIC & SA
Harrison, Dion	07 5460 1313 07 5460 1283 fax	south east QLD and northern NSW
Harrison, Peter	08 8948 1894 ph 08 8948 3894 fax 0407 034 083 mobile	Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas
Hempel, Maciej	02 4628 0376 02 4625 2293 fax	NSW, QLD, VIC, SA
Henry, Robert J	02 6620 3010 02 6622 2080 fax	Australia
Herrington, Mark	07 5441 2211 07 5441 2235 fax	Southern Queensland
Hill, Jeff	08 8303 9487 08 8303 9607 fax	South Australia
Hill, Jim	03 6428 2519 03 6428 2049 fax 0428 262 765 mobile	Australia
Hockings, David	07 5494 3385 ph/fax	Southern Queensland
Hoxha, Adriana	02 9351 8813 0427 507 621 mobile/fax	NSW
Imrie, Bruce	02 4474 0951 02 4474 0952 imriecsc@sci.net.au	SE Australia
Iredell, Janet Willa	07 3202 6351 ph/fax	SE Queensland
Jack, Brian	08 9952 5040 08 9952 5053 fax	South West WA
James, Andrew	07 3214 2278 07 3214 2272 fax	Australia
James, Jennifer	+64 6 3518214	Manawatu Region, New Zealand
Johnston, Evan	64 3358 1745 0214 417 13 mobile	Canterbury, New Zealand
Johnston, Margaret	07 5460 1240 07 5460 1455 fax	SE Queensland
Kadkol, Gururaj	03 5381 1396 0459 122 542 mobile	North Western Victoria
Kemp, Stuart	03 8390 8150 0437 278 873 mobile	SE Australia
Kennedy, Peter	02 6382 7600 02 6382 2228 fax	New South Wales
Khan, Akram	02 9351 8821 02 9351 8875 fax	New South Wales
Kirby, Greg	08 8201 2176 08 8201 3015 fax	South Australia
Kirby, Neil	02 4754 2637 02 4754 2640 fax	New South Wales
Knights, Edmund	02 6763 1100 02 6763 1222 fax	North Western NSW
Kulkarni, Vinod	08 8945 2942 0412 681 800 mobile	Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Laker, Richard	08 87258987 08 8723 0142 fax 0417 855 592 mobile	Australia
Lamont, Greg	02 8778 5388 02 9734 9866 fax	Sydney region

Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Larkman, Clive	03 9735 3831 03 9739 6370 larkman@tpgi.com.au	Victoria
Lee, Peter	03 6330 1147 03 6330 1927 fax	SE Australia
Lee, Slade	02 6620 3410 02 6622 2080 fax	Queensland/Northern New South Wales
Lenoir, Roland	02 6231 9063 ph/fax	Australia
Leske, Richard	07 4671 3136 07 4671 3113 fax	Cotton growing regions of QLD & NSW
Light, Kate	03 5362 2175 0419 145 768 mobile	Victoria
Loch, Don	07 3286 1488 07 3286 3094 fax	Queensland
Lowe, Greg	02 4389 8750 02 4389 4958 fax 0411 327390 mobile	Sydney, Central Coast NSW
Lunghusen, Mark	03 5998 2083 03 5998 2089fax 0407 050 133 mobile	Melbourne & environs
Lye, Colin	07 4671 0044 07 4671 0066 fax 0427 786 668 mobile	NT, QLD and NSW
MacGregor, Alison	03 5023 4644 0419 229 713 mobile	Southern Australia – Murray Valley Region
Mackay, Alastair	08 9310 5342 ph/fax 0159 87221 mobile	Western Australia
Mackinnon, Amanda	03 6265 9050 03 6265 9919 fax	Australia
McMaugh, Peter	02 9872 7833 02 9872 7855 fax	Australia
Malone, Michael	+64 6 877 8196 +64 6 877 4761 fax	New Zealand
Marcsik, Doris	08 8999 2017 08 8999 2049	Northern Territory and Queensland
McCarthy, Alec	08 9780 6273 08 9780 6136 fax	South West WA
McKirdy, Simon	042 163 8229 mobile	Australia
McMichael, Prue	08 8373 2488 08 8373 2442 fax	SE Australia
McRae, Tony	08 8723 0688 08 8723 0660 fax	Australia
Miller, Jeff	64 6 356 8019 extn 8027 64 3 351 8142 fax	Manawatu region, New Zealand
Milne, Carolynn	07 3206 3509	QLD
Mitchell, Hamish	03 9737 9568 03 9737 9899 fax	Victoria
Mitchell, Leslie	03 5821 2021 03 5831 1592 fax	VIC, Southern NSW
Molyneux, William	03 5965 2011 03 5965 2033 fax	Victoria
Moore, Stephen	02 6799 2230 02 6799 2239 fax	NSW
Morrison, Bruce	03 9210 9251 03 9800 3521 fax	East of Melbourne

Mouwen, Heidi	07 4690 2666 07 4630 1063	QLD, NSW
Neylan, John	03 9886 6200 0413 620 256 mobile	VIC, NSW, SA
Nichols, Phillip	08 9387 7442 08 9383 9907 fax	Western Australia
Oates, John	02 6495 0712 0427 277 951 mobile	Eastern Australia
O'Brien, Shaun	07 5442 3055 07 5442 3044 fax 0407 584 417 mobile	SE Queensland
O'Connell, Peter	02 9403 0787 02 9402 6664 fax 0488 233 704 mobile	VIC, NSW, QLD
O'Connor, Lauren	07 3359 3113 0418 510 480 mobile	Australia
Owen-Turner, John	07 4129 5217 07 4129 5511 fax	Burnett region, Central Queensland region
Paananen, Ian	02 4381 0051 02 8569 1896 fax 0412 826 589 mobile	Australia (based in Sydney) and New Zealand
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Platz, Greg	07 4639 8817 07 4639 8800 fax	QLD, Northern NSW
Porter, Richard	08 8431 5396 08 8431 5396 fax 0413 270 670 mobile	Adelaide region, South Australia
Portman, Anthony	08 9274 5355 08 9250 1859 fax	South-west Western Australia
Portman, Sian	08 9725 0660 0421 606 651 mobile	Western Australia
Poulsen, David	07 4661 2944 07 4661 5257 fax	SE QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Pumpa, Lucy	08 8373 2488 08 8373 2422 fax 0400 041 881 mobile	South Australia
Quinn, Patrick	03 5427 0485	SE Australia
Richards, Graeme	02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	Australia
Richards, Susanna	03 5833 5235 03 5833 5299 fax 0429 674 606 mobile	SE Australia
Richardson, Clive	03 51550255	Victoria
Rhodes, Phil	64 3322 5405 0211 862 422 mobile phil@epr.co.nz	New Zealand
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region

Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
Rogers, Clinton	03 8318 9016 03 8318 9001 fax 0448 160 660 mobile	Australia
Rose, John	07 4661 2944 07 4661 5257 fax	SE Queensland
Rudolph, Paul	03 5381 2168 03 5381 1210 fax 0438 083 840 mobile	Victoria
Saunders, James	03 8318 9016 03 8318 9002 fax 0408 037 801 mobile	Australia
Sanders, Milton	08 9825 8087 08 9387 4388 fax 0427 031 951 mobile	Southern Australia: WA,Vic, NSW, SA
Sewell, James	03 5334 7871 0403 546 811 mobile	Southern Australia
Scalzo, Jessica	+64 6975 8908 2122 689 08 mobile	New Zealand and Australia
Scattini, Walter	07 3356 0863 ph/fax	Tropical and sub-tropical Australia
Schapel, Amanda	08 8373 2488 0408 344 843 mobile	South Australia
Scholefield, Peter	08 8373 2488 08 8373 2442 fax 018 082022 mobile	SE Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane
Slater, Tony	03 9210 9222 03 9800 3521 fax 0408 656 021 mobile	SE Australia
Smith, Kenneth	02 4570 9069	Australia
Smith, Kevin	03 5573 0900 03 5571 1523 fax	SE Australia
Smith, Mike	07 5444 9630	SE Queensland
Smith, Stuart	03 6336 5234 03 6334 4961 fax	SE Australia
Smith, Ian	03 9720 1751 0407 201 789	Australia
Stewart, Angus	02 4385 9788ph/fax 0419 632 123 mobile	Sydney, Gosford
Swane, Geoff	02 6889 1545 02 6889 2533 fax 0419 841580 mobile	Central western NSW
Swinburn, Garth	03 5023 4644 03 5023 5814 fax	Murray Valley Region - from Swan Hill (Vic) to Waikere (SA)
Sykes, Stephen	03 5051 3100 03 5051 3111 fax	Victoria
Syrus, A Kim	03 8556 2555 03 8556 2955 fax	Adelaide
Tan, Beng	08 9266 7168 08 9266 2495	Perth & environs
Tancred, Stephen	07 4681 2931 07 4681 4274 fax 0157 62888 mobile	QLD, NSW
Treverrow, Florence	02 6629 3359	Australia

Topp, Bruce	07 4681 1255 07 4681 1769 fax	SE QLD, Northern NSW
Umaretiya, Praful	08 6201 7645 0432 190 099 mobile	Western Australia
Valentine, Bruce	02 6361 3919 02 6361 3573 fax	New South Wales
Van der Staay, Rosemaree Anne	03 6248 6863 03 6248 7402 fax	Tasmania
Verdegaal, John	03 6458 3581 03 6458 3581 fax	Australia and New Zealand
Warner, Philip	07 5499 9249 ph/fax 0412 162 003 mobile	Australia
Watkins, Phillip	08 9537 1811 08 9537 3589 fax 0416 191 472 mobile	Perth Region
Watkinson, Andrew	07 5445 6654 0409 065 266 mobile	Northern NSW and Southern QLD
Watson, Brigid	03 5688 1058 0429 702 277 mobile	Victoria
Westra Van Holthe, Jan	03 9706 3033 03 9706 3182 fax	Australia
Whiley, Tony	07 5441 5441	QLD
Wilkes, Gregory	02 4570 1358 02 4570 1314 fax 0418 642 359 mobile	Sydney region
Wilson, Frances	64 3 318 8514 64 3 318 8549 fax	Canterbury, New Zealand
Wilson, Graeme	03 5957 1200 03 5957 1210 fax	SE Australia
Wong, Percy	02 9036 7767	Australia
Zadow, Diane	03 5382 1269 03 5381 1210 fax 0419 145 763 mobile	Victoria
Zorin, Margaret	07 3207 4306 0418 984 555	Eastern Australia

Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name
Aquilizan, Flaviano
Armour, David
Baelde, Arie
Baker, Grant
Bally, Ian
Bartley, Megan
Bell, David
Bennett, Nicholas
Bennett, Kathryn
Bernuetz, Andrew
Berryman, Pamela
Birchall, Craig
Boorman, Des
Box, Amanda
Brewer, Lester
Brindley, Tony
Brown, Emma
Bunker, Kerry
Bunker, John
Burton, Wayne
Buselich, David
Cameron, Nick
Cecil, Andrew
Chesher, Wayne
Chaudhury, Abdul
Clayton-Greene, Kevin
Constable, Greg
Cook, Esther
Corcoran, Lisa
Coventry, Stewart
Craig, Andrew
Culvenor, Richard
De Betue, Remco
de Koning, Carolyn
Done, Anthony
Donnelly, Peter
Downe, Graeme
Dutschke, Nathan
Eastwood, Russell
Eglinton, Jason
Elliott, Philip
Evans, Pedro
Eykamp, Donald
Eyles, Gary
Fitzgibbon, John
Flett, Peter
Geary, Judith
Gibbons, Philip
Gillies, Leanne
Glover, Russell
Graetz, Darren
Gurciullo, Gaetano
Haire, Chris
Hassani, Mohammad
Hawkey, David
Herring, Meredith
Hollamby, Gil
Hoppo, Suzanne
Howie, Jake
Humphries, Alan
Hurst, Andrea
Irwin, John
Janhsen, Joanne
Jiranek, Vladimir
Jupp, Noel
Kaehne, Ian
Kaiser, Stefan
Kapitany, Attila
Katelaris, Andrew
Katz, Mark
Kebblewhite, Tony
Kempff, Stefan
Kennedy, Chris
Kobelt, Eric
Lacey, Kevin
Larkman, Clive
Lawson, Marion
Leddin, Anthony
Lee, Kathryn
Lee, Jodie
Lee, Slade
Leeks, Conrad
Leighton, A
Leonforte, Antonio
Lewis, Hartley
Lewthwaite, Stephen
Loi, Angelo
Lonergan, Paul
Lowe, Russell
Luckett, David
Mack, Ian
Mansfield, Daniel
Matic, Rade
Matthews, Michael
May, Peter
McCabe, Dominic
McCredden, John
McDonald, David
Miller, Kylie

Mitchell, Steven
Moss, Ian
Mullins, Kathleen
Myors, Philip
Neilson, Peter
Newman, Allen
Noone, Brian
Norriss, Michael
O'Brien, Tim
O’Leary, Finbarr
O'Sullivan, Robert
Palmer, Ross
Paull, Jeff
Pearce, Bob
Peoples, Alan
Pike, Elise
Porter, Gavin
Potter, Trent
Pressler, Craig
Rayner, Kenneth
Reeve, Christopher
Reid, Peter
Reinke, Russell
Roche, Matthew
Russell, Dougal
Sadeque, Abdus
Sanders, Milton
Sanewski, Garth
Sarkhosh, Ali
Schreuders, Harry
Scott, Ralph
Senior, Michael
Smith, Leigh
Smith, Malcolm
Smith, Chris
Snelling, Cath
Song, Leonard
Sounness, Janine
Stephens, Joseph
Stiller, Warwick
Stuart, Peter
Sutton, John
Taylor, Kerry
Todd, Peter
Trigg, Pamela
Urwin, Nigel
Vater, Daniel
Vaughan, Peter
Venkatanagappa, Shoba
Venn, Neil
Verdegaal, John
Walton, Mark
Warner, Bradley

Warren, Andrew
Weatherly, Lilia
Weber, Ryan
Wei, Xianming
Wilkie, John
Williams, Rex
Williams, Joanne
Wilson, Rob
Wilson, Stephen
Winter, Bruce
Wirthensohn, Michelle
Yan, Guijun
Zeppa, Aldo

APPENDIX 5

ADDRESSES OF UPOV AND MEMBER STATES

International Union for the Protection of New Varieties of Plants (UPOV):

International Union for the Protection of New Varieties of Plants (UPOV)
34, Chemin des Colombettes
CH-1211
Geneva 20
SWITZERLAND

Phone: (41-22) 338 9111
Fax: (41-22) 733 0336
Web site: http://www.upov.int

List of Addresses of Plant Variety Protection Offices in UPOV Member States

Status of Ratification in UPOV member States is available from UPOV website.

APPENDIX 6

CENTRALISED TESTING CENTRES

Under Plant Breeder's Rights Regulations introduced in 1996, establishments may be officially authorised by the PBR office to conduct test growings. An authorised establishment will be known as Centralised Test Centre (CTC).

Usually, the implementation of PBR in Australia relies on a 'breeder testing' system in which the applicant, in conjunction with a nominated Qualified Person (QP), establishes, conducts and reports a comparative trial. More often than not, trials by several breeders are being conducted concurrently at different sites. This makes valid comparisons difficult and often results in costly duplication.

While the current system is and will remain satisfactory, other optional testing methods are now available which will add flexibility to the PBR process.

Centralised Testing is one such optional system. It is based upon the authorisation of private or public establishments to test one or more genera of plants. Applicants can choose to submit their varieties for testing by a CTC or continue to do the test themselves. Remember, using a CTC to test your variety is voluntary.

The use of CTCs recognises the advantages of testing a larger number of candidate varieties (with a larger number of comparators) in a single comprehensive trial. Not only is there an increase in scientific rigour but also there are substantial economies of scale and commensurate cost savings. A CTC will establish, conduct and report each trial on behalf of the applicant.

The PBR office has amended its fees so that cost savings can be passed to applicants who choose to test their varieties in a CTC. Accordingly, when 5 or more candidate varieties of the same genus are tested simultaneously, each will qualify for the CTC examination fee of $800. This is a saving of nearly 40% over the normal fee of $1400.

Trials containing less than 5 candidate varieties capable of being examined simultaneously will not be considered as Centralised test trials regardless of the authorisation of the facility. Candidate varieties in non-qualifying small trials will not qualify for CTC reduction of examination fees.

Establishments wishing to be authorised as a CTC may apply in writing to the PBR office outlining their claims against the selection criteria. Initially, only one CTC will be authorised for each genus. Exemptions to this rule can be claimed due to special circumstances, industry needs and quarantine regulations. Authorisations will be reviewed periodically.

Authorisation of CTCs is not aimed solely at large research institutions. Smaller establishments with appropriate facilities and experience can also apply for CTC status. There is no cost for authorisation as a CTC.

APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

Establishments interested in gaining authorisation as a Centralised Testing Centre should apply in writing addressing each of the Conditions and Selection Criteria outlined below.

Conditions and Selection Criteria

To be authorised as a CTC, the following conditions and criteria will need to be met:

Appropriate facilities
While in part determined by the genera being tested, all establishments must have facilities that allow the conduct and completion of moderate to large-scale scientific experiments without undue environmental influences. Again dependent on genera, a range of complementary testing and propagation facilities (e.g. outdoor, glasshouse, shadehouse, tissue culture stations) is desirable.

Experienced staff
Adequately trained staff, and access to appropriately accredited Qualified Persons, with a history of successful PVR/PBR applications will need to be available for all stages of the trial from planting to the presentation of the

analysed data. These staff will require the authority to ensure timely maintenance of the trial. Where provided by the PBR office, the protocol and technical guidelines for the conduct of the trial must be followed.

Substantial industry support
Normally the establishment will be recognised by a state or national industry society or association. This may include/be replaced by a written commitment from major nurseries or other applicants, who have a history of regularly making applications for PBR in Australia, to use the facility.

Capability for long-term storage of genetic material
Depending upon the genus, a CTC must be in a position to make a long-term commitment to collect and maintain, at minimal cost, genetic resources of vegetatively propagated species as a source of comparative varieties. Applicants indicating a willingness to act as a national genetic resource centre in perpetuity will be favoured.

Contract testing for 3rd Parties
Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

Relationship between CTC and 3rd Parties
A formal arrangement between the CTC and any third party including fees for service will need to be prepared and signed before the commencement of the trial. It will include among other things: how the plant material will be delivered (e.g. date, stage of development plant, condition etc); allow the applicant and/or their agent and QP access to the site during normal working hours; and release the use of all trial data to the owners of the varieties included in the trial.

One trial at a time
Unless exempted in writing by the PBR office, all candidates and comparators should be tested in a single trial.

One CTC per genus
Normally only one CTC will be authorised to test a genus. Special circumstances may exist (environmental factors, quarantine etc) to allow more than one CTC per genus, though a special case will need to be made to the PBR office. More than one CTC maybe allowed for roses.

One CTC may be authorised to test more than one genus.
Authorisations for each genus will be reviewed periodically.

Authorised Centralised Test Centres (CTCs)

Following publication of applications for accreditation and ensuing public comment, the following organisations/individuals are authorised to act as CTCs. Any special conditions are also listed.

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture laboratory	R Kirkham	31/3/97
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD	*Saccharum*	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	*Argyranthemum, Diascia, Mandevilla*	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms,	J Oates	30/6/97

			tissue culture, molecular genetics and cytology lab.		
Boulters Nurseries Monbulk Pty Ltd	Monbulk, VIC	Clematis	Outdoor, shadehouse, greenhouse	M Lunghusen	30/9/97
Geranium Cottage Nursery	Galston, NSW	Pelargonium	Field, controlled environment house	I Paananen	30/11/97
Agriculture Victoria	Hamilton, VIC	Perennial ryegrass, tall fescue, tall wheat grass, white clover, Persian clover	Field, shadehouse, glasshouse, growth chambers. Irrigation. Pathology and tissue culture. Access to DNA and molecular marker technology. Cold storage.	M Anderson	30/6/98
Koala Blooms	Monbulk, VIC	*Bracteantha*	Outdoor, irrigation	M Lunghusen	30/6/98
Redlands Nursery	Redland Bay, QLD	*Aglaonema*	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	30/6/98
Protected Plant Promotions	Macquarie Fields , NSW	New Guinea Impatiens including *Impatiens hawkeri* 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	*Verbena*	Glasshouse	I Paananen	31/12/98
Avondale Nurseries Ltd	Glenorie, NSW	*Agapanthus*	Greenhouse, tissue culture with commercial partnership	I Paananen	31/12/98
Paradise Plants	Kulnura, NSW	*Camellia, Lavandula, Osmanthus, Ceratopetalum*	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/98
Prescott Roses	Berwick, VIC	*Rosa*	Field, controlled environment greenhouses	C Prescott	31/12/98
F & I Baguley Flower and Plant Growers	Clayton South, VIC	*Euphorbia*	Controlled glasshouses, quarantine facilities, tissue culture	G Guy	31/3/99
Paradise Plants	Kulnura, NSW	*Limonium, Raphiolepis, Eriostemon, Lonicera Jasminum*	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	30/6/00
Ramm Pty Ltd	Macquarie Fields, NSW	*Angelonia*	Glasshouse	I Paananen	30/6/00
Carol's Propagation	Alexandra Hills, QLD	*Cuphea, Anthurium*	Field beds, wide range of comparative varieties	C Milne D Singh	30/6/00
Queensland Department of Primary Industries, Redlands Research Station	Cleveland, QLD	*Cynodon, Zoysia* and other selected warm season-season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	M Roche	30/9/00

Luff Partnership	Kulnura, NSW	*Bracteantha*	Field beds, irrigation, shade house, propagation house, cool rooms,	I Dawson	31/12/00
Ramm Pty Ltd	Macquarie Fields, NSW	*Petunia, Calibrachoa*	Glasshouse	I Paananen J Oates	31/12/00
NSW Agriculture	Temora	*Triticum, Hordeum, Avena*	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	*Leptospermum*	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	*Rhododendron* (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	*Osteospermum, Rhododendron*	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	*Euphorbia*	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood,	*Impatiens, Euphorbia*	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	*Dahlia*	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	*Anubias*	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	*Ananas*	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	*Dianella*	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteaflora Nursery Pty Ltd	Monbulk, VIC	*Plectranthus*	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	*Zingiber*	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	*Impatiens, Verbena*	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/04
Floreta Pty Ltd	Redland Bay QLD	*Bracteantha*	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevarde Nurseries Mildura Pty Ltd	Irymple VIC	*Zantedeschia*	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	*Prunus*	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/04
Ball Australia	Keysborough, VIC	*Calibrachoa, Osteospermum*	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	*Mangifera*	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	*Vaccinium*	Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories.	I Paananen	15/10/07
Ball Australia	Keysborough, VIC	*Kalanchoe*	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	3/6/2008
PBseeds	Horsham, VIC	*Lens culinaris*	Glasshouse, shadehouse, small plot equipment, seed production, processing and long term storage	T Leonforte G Kadkol	5/7/11
Mansfield Propagation Nursery Pty Ltd	Carrum Downes and Skye, VIC	*Lomandra*	Propagation greenhouses and indoor and outdoor growing areas.	M Lunghusen	7/11/11
Ramm Botanicals	Kangy Angy, NSW	*Anigozanthos*	Tissue culture, environment controlled greenhouse; extensive outdoor and shadehouse areas.	Ryan Weber Megan Bartley	10/2/2012
Outback Plants Pty Ltd	Cranbourne, and Longwarry VIC	*Aloe*	Propagation greenhouses and indoor and outdoor growing areas.	M Lunghusen	10/12/2012

The following applications are pending:

Name	**Location**	**Genera applied for**	**Facilities**	**Name of QP**
Ken Rayner	Katherine, NT	*Mangifera indica*	Propagation, irrigation shadehouses/field and nursery facilities.	K Rayner
Yates Botanical Pty Ltd	Somersby and Tuggerah, NSW	*Rosa*	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen
Aussie Winners Pty Ltd	Redland Bay, QLD	*Fuchsia*	Comprehensive growing facilities	I Paananen
Schreurs Australia Pty Ltd	Leppington, NSW	*Rosa*	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 March 2012.

APPENDIX 7 List of Classes for Variety Denomination Purposes

UPOV Variety Denomination Classes: (UPOV/INF/12/1: ANNEX I)

A Variety Denomination Should not be Used More than Once in the Same Class

For the purposes of providing guidance on the third and fourth sentences of paragraph 2 of Article 20 of the 1991 Act and of Article 13 of the 1978 Act and the 1961 Convention, variety denomination classes have been developed. A variety denomination should not be used more than once in the same class. The classes have been developed such that the botanical taxa within the same class are considered to be closely related and/or liable to mislead or to cause confusion concerning the identity of the variety.

The variety denomination classes are as follows:

(a) General Rule (one genus / one class): for genera and species not covered by the List of Classes in this Annex, a genus is considered to be a class;

(b) Exceptions to the General Rule (list of classes):

(i) classes within a genus: List of classes in this Annex: Part I;

(ii) classes encompassing more than one genus: List of classes in this Annex: Part II.

LIST OF CLASSES

Part I

Classes within a genus

	Botanical names	UPOV codes
Class 1.1	Brassica oleracea	BRASS_OLE
Class 1.2	Brassica other than Brassica oleracea	other than BRASS_OLE
Class 2.1	Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima	BETAA_VUL_GVA; BETAA_VUL_GVS
Class 2.2	Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: B. vulgaris L. var. rubra L.), B. vulgaris L. var. cicla L., B. vulgaris L. ssp. vulgaris var. vulgaris	BETAA_VUL_GVC; BETAA_VUL_GVF
Class 2.3	Beta other than classes 2.1 and 2.2.	other than classes 2.1 and 2.2
Class 3.1	Cucumis sativus	CUCUM_SAT
Class 3.2	Cucumis melo	CUCUM_MEL
Class 3.3	Cucumis other than classes 3.1 and 3.2	other than classes 3.1 and 3.2
Class 4.1	Solanum tuberosum L.	SOLAN_TUB
Class 4.2	Solanum other than class 4.1	other than class 4.1

LIST OF CLASSES (Continuation)

Part II

Classes encompassing more than one genus

	Botanical names	UPOV codes
Class 201	Secale, Triticale, Triticum	SECAL; TRITL; TRITI
Class 202	Panicum, Setaria	PANIC; SETAR
Class 203*	Agrostis, Dactylis, Festuca, Festulolium, Lolium, Phalaris, Phleum and Poa	AGROS; DCTLS; FESTU; FESTL; LOLIU; PHALR; PHLEU; POAAA
Class 204*	Lotus, Medicago, Ornithopus, Onobrychis, Trifolium	LOTUS; MEDIC; ORNTP; ONOBR; TRFOL
Class 205	Cichorium, Lactuca	CICHO; LACTU
Class 206	Petunia and Calibrachoa	PETUN; CALIB
Class 207	Chrysanthemum and Ajania	CHRYS; AJANI
Class 208	(Statice) Goniolimon, Limonium, Psylliostachys	GONIO; LIMON; PSYLL_
Class 209	(Waxflower) Chamelaucium, Verticordia	CHMLC; VERTI; VECHM
Class 210	Jamesbrittania and Sutera	JAMES; SUTER
Class 211	Edible Mushrooms	
	Agaricus bisporus	AGARI_BIS
	Agaricus blazei	AGARI_BLA
	Agrocybe cylindracea	AGROC_CYL
	Auricularia auricura	AURIC_AUR
	Auricularia polytricha (Mont.) Sscc.	AURIC_POL
	Dictyophora indusiata (Ventenat:Persoon) Fischer	DICTP_IND
	Flammulina velutipes	FLAMM_VEL
	Ganoderma lucidum (Leyss:Fries) Karsten	GANOD_LUC
	Grifola frondosa	GRIFO_FRO
	Hericium erinaceum	HERIC_ERI
	Hypsizigus marmoreus	HYPSI_MAR
	Hypsizigus ulmarius	HYPSI_ULM
	Lentinula edodes	LENTI_ELO
	Lepista nuda (Bulliard:Fries) Cooke	LEPIS_NUD
	Lepista sordida (Schumacher:Fries) Singer	LEPIS_SOR
	Lyophyllum decastes	LYOPH_DEC
	Lyophyllum shimeji (Kawamura) Hongo	LYOPH_SHI
	Meripilus giganteus (Persoon:Fries) Karten	MERIP_GIG
	Mycoleptodonoides aitchisonii (Berkeley) Maas Geesteranus	MYCOL_AIT
	Naematoloma sublateritium	NAEMA_SUB
	Panellus serotinus	PANEL_SER
	Pholiota adiposa	PHLIO_ADI
	Pholiota nameko	PHLIO_NAM
	Pleurotus cornucopiae var.citrinooileatus	PLEUR_COR
	Pleurotus cystidiosus	PLEUR_CYS
	Pleurotus cystidiosus subsp. Abalonus	PLEUR_CYS_ABA
	Pleurotus eryngii	PLEUR_ERY
	Pleurotus ostreatus	PLEUR_OST
	Pleurotus pulmonarius	PLEUR_PUL
	Polyporus tuberaster (Jacquin ex Persoon) Fries	POLYO_TUB
	Sparassis crispa (Wulfen) Fries	SPARA_CRI
	Tricholoma giganteum Massee	MACRO_GIG

* Classes 203 and 204 are not solely established on the basis of closely related species.

APPENDIX 8

REGISTER OF PLANT VARIETIES

Register of Plant Varieties contains the legal description of the varieties granted Plant Breeder's Rights. A person may inspect the Register at any reasonable time. Following are the contact details for Registers (1988-2000) kept in each state and territories*

South Australia

Ms Lisa Halskov
AQIS
8 Butler Street
PORT ADELAIDE SA 5000
Phone 08 8305 9706

New South Wales

Mr. Alex Jabs
General Services
AQIS
2 Hayes Road
ROSEBERY NSW 2018
Phone 02 9364 7293

Victoria and Tasmania

Mr. Colin Hall
AQIS
Building D, 2nd Floor
World Trade Centre
Flinders Street
MELBOURNE VIC 3005
Phone 03 9246 6810

Queensland

Mr. Ian Haseler
AQIS
2nd Floor
433 Boundary Street
SPRING HILL QLD 4000
Phone 07 3246 8755

Australian Capital Territory, Northern Territory and Western Australia
ACT and NT Registers are kept
in the Library of PBR Office in Canberra
Phone (02) 6283 2999

* In accordance with an amendment to section 61 of Plant Breeder's Rights Act, from 2002 the Register of Plant Varieties will be available from the Library of PBR Office in Canberra. The Register is also electronically available from the PBR website at http://pbr.ipaustralia.plantbreeders.gov.au/

Plant Varieties Journal Mailing List

The Plant Varieties Journal mailing list informs subscribers whenever the new journal is posted on the IP Australia web site.

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