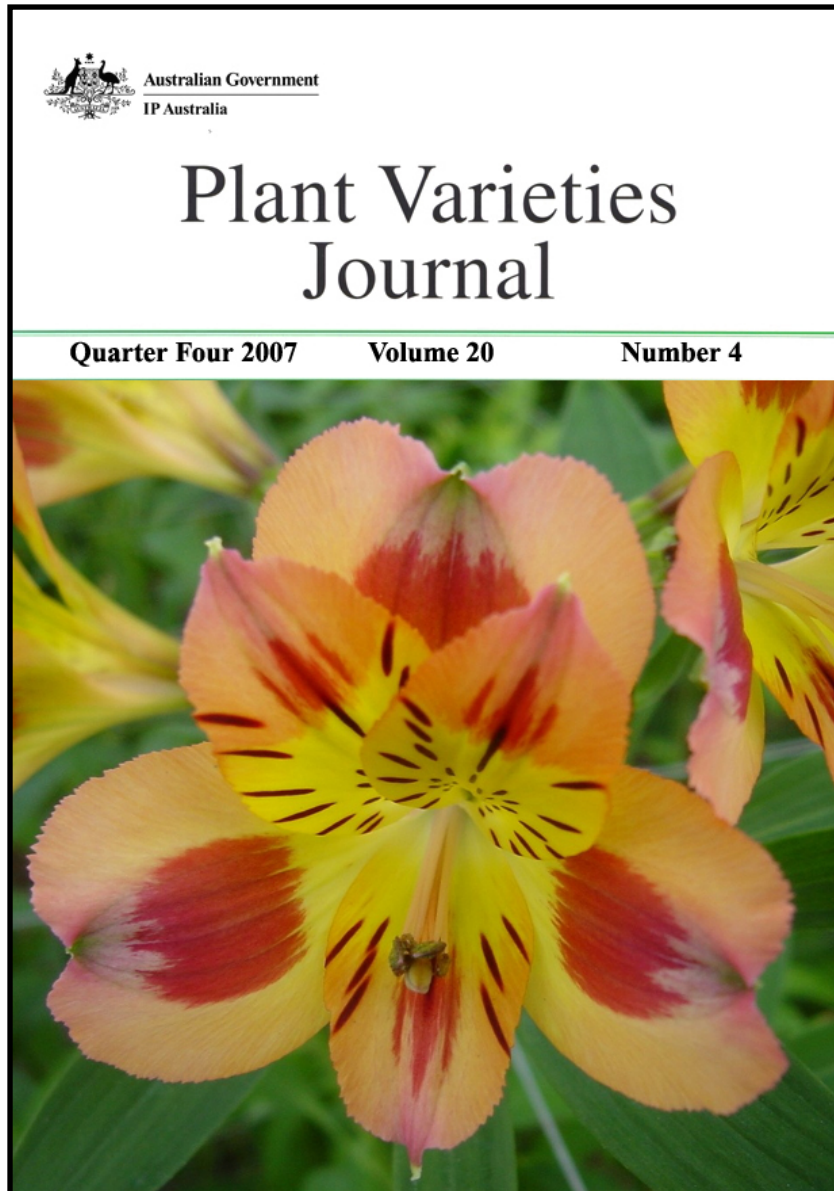




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**Plant Varieties Journal - Optimised for Screen Viewing**



Plant Varieties Journal

Official Journal of Plant Breeder's  
Rights Office, IP Australia

Quarter Four 2007

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- 
- [Home](#)
- [Part 1 General Information](#)
- [Part 2 Public Notices](#)
- [Part 3 Appendices](#)
- [Subscribe](#)



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## Part 1 General Information

Part 1 of ***Plant Varieties Journal*** provides the link with the General Information about the Plant Breeder's Rights scheme, the procedures for objections and revocations, UPOV developments, Important Changes etc. The General Information pages of ***Plant Varieties Journal*** (Vol. 20 Issue 4) are listed below:

- [Home](#)
- [Interactive Variety Description System \(IVDS\)](#)
- [Objections and revocations](#)
- [Report on Breeding Issues](#)
- [Use of Overseas Data](#)
- [PBR Infringement](#)
- [On-line Database for PBR Varieties](#)
- [Cumulative Index to Plant Varieties Journal](#)
- [Applying for Plant Breeder's Rights](#)
- [Requirement to Supply Comparative Varieties](#)
- [UPOV Developments](#)
- [European Developments](#)
- [Obligation under the International Convention for the Protection of New Varieties of Plants 1991 \(UPOV91\)](#)
- [Instructions to Qualified Persons](#)
- [Current PBR Forms](#)

## **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/](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](mailto:pbr@ipaustralia.gov.au) if there is a problem in completing the description using IVDS.

## Objections and revocations

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

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

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

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

### **Objections to Applications**

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

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

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

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

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

- **a Grant**

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

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

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

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

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

## Report on Breeding Issues

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

## Use of Overseas Data

### Overseas Testing/Data

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

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

### Taxa that must be trailed in Australia

It is the policy of PBR office to not accept overseas data for the following taxa due to the wide genotype by environment interactions that have been previously experienced. Varietal descriptions from overseas trials have consistently been different from those obtained from trials grown under Australian conditions. Consequently, for the following 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 November 18, 2007):**

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

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

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

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

## European Developments

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

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

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

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

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/](https://pbr-ivds.ipaustralia.plantbreeders.gov.au/pbr_ivds/)) for the Qualified Persons (QPs).

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**The detailed descriptions are accepted only in the IVDS format.**

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

## Current PBR Forms

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

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

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

### **Please Do Not Use Old Forms**

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



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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants, Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 20 Issue 4) are listed below:

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

## ACCEPTANCES

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

*Actinotus helianthi*

FLANNEL FLOWER

### ‘Shooting-Star’

Application No: 2007/301 Accepted: 12 December, 2007

Applicant: **Louise (AKA Lana) Helena Mitchell**, Gundaroo, NSW.

*Anthurium andraeanum*

FLAMINGO FLOWER

### ‘ANTHEPCI’ syn Amis

Application No: 2007/313 Accepted: 21 December, 2007

Applicant: **Anthura b.v.**

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

*Avena sativa*

OATS

### ‘Dawson’

Application No: 2007/241 Accepted: 7 November, 2007

Applicant: **NDSU Research Foundation**.

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

*Calothamnus quadrifidus*

ONE SIDED BOTTLEBRUSH

### ‘Calgreen1GL’

Application No: 2007/250 Accepted: 24 October, 2007

Applicant: **George A Lullfitz**, Wanneroo, WA.

### ‘CalgreyGL’

Application No: 2007/248 Accepted: 25 October, 2007

Applicant: **George A Lullfitz**, Wanneroo, WA.

### ‘CalredGL’

Application No: 2007/247 Accepted: 24 October, 2007

Applicant: **George A Lullfitz**, Wanneroo, WA.

*Citrullus lanatus*

WATERMELON

**‘SP-4’**

Application No: 2007/233 Accepted: 26 November, 2007

Applicant: **Syngenta Crop Protection AG**.

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

*Citrus aurantifolia*

LIME

**‘Sublime’**

Application No: 2007/152 Accepted: 7 October, 2007

Applicant: **Darwin Plant Wholesalers**.

Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

*Citrus clementina* x *sinensis*

MANDARIN

**‘Alkantara’**

Application No: 2007/243 Accepted: 28 November, 2007

Applicant: **Giuseppe Reforgiato Recupero, Giuseppe Russo & Santo Recupero**.

Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)**, Bathurst, NSW.

*Citrus reticulata* x *deliciosa*

MANDARIN

**‘Mandalate’**

Application No: 2007/244 Accepted: 28 November, 2007

Applicant: **Giuseppe Reforgiato Recupero, Giuseppe Russo & Santo Recupero**.

Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)**, Bathurst, NSW.

*Correa reflexa*

NATIVE FUCHSIA

**‘Multi Bella’**

Application No: 2007/255 Accepted: 26 October, 2007

Applicant: **Friends of Warrandyte State Park (FOWSP)**.

Agent: **Austraflora Pty Ltd**, Yarra Glen, VIC.

*Crowea saligna*

WAX FLOWER, WILLOW-LEAVED CROWEA

**‘PPCS1’**

Application No: 2007/259 Accepted: 22 November, 2007

Applicant: **Prestige Plants Pty Ltd**.

Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

*Cuphea ignea* × *lanceolata*

CUPHEA

**‘Everbloom Purple’**

Application No: 2007/302 Accepted: 12 December, 2007

Applicant: **Unique Plants**.

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

*Dianella caerulea*

BLUE FLAX-LILY, UMBRELLA DRACAENA

**‘Newpladial’ syn Stampede**

Application No: 2007/236 Accepted: 19 November, 2007

Applicant: **Ian Angus Stewart**, Ourimbah, NSW.

*Dianella ensifolia*

FLAX LILY

**‘DarwinGold’**

Application No: 2007/229 Accepted: 1 November, 2007

Applicant: **Darwin Plant Wholesalers**, Winnellie, NT.

*Dietes iridioides*

AFRICAN IRIS, FORTNIGHT LILY, MOREA IRIS

**‘White Tiger’**

Application No: 2007/232 Accepted: 12 December, 2007

Applicant: **Nursery Australia Pty. Ltd.**

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

*Euphorbia characias*

SPURGE

**‘Tasmanian Tiger’**

Application No: 2007/276 Accepted: 16 November, 2007

Applicant: **Sally Hohannsohn & Barbara Jennings.**

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

*Ficus obliqua*

SMALL LEAVED FIG

**‘Fig-A-Row’**

Application No: 2007/282 Accepted: 10 December, 2007

Applicant: **Agbiz Holdings Pty Ltd and Southern Advanced Plants Pty Ltd.**

Agent: **Southern Advanced Plants Pty Ltd**, Dromana, VIC.

*Fragaria xananassa*

STRAWBERRY

**‘JULIETTE’**

Application No: 2007/268 Accepted: 1 November, 2007

Applicant: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC.

*Glycine max*

SOYBEAN

**‘Fraser’**

Application No: 2007/305 Accepted: 27 November, 2007

Applicant: **Commonwealth Scientific and Industrial Research Organisation and Grains Research and Development Corporation**, Canberra, ACT.

*Gossypium barbadense*

PIMA COTTON, SEA ISLAND COTTON

**‘Sipima 280’**

Application No: 2007/287 Accepted: 19 November, 2007

Applicant: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

*Gossypium hirsutum*

COTTON

**‘Sicot 71BRF’**

Application No: 2007/285 Accepted: 16 November, 2007

Applicant: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

**‘Sicot 75’**

Application No: 2007/286 Accepted: 16 November, 2007

Applicant: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

*Grevillea* hybrid

GREVILLEA

**‘Carpet Layer’**

Application No: 2007/261 Accepted: 9 November, 2007

Applicant: **Vaughans Australian Plants**.

Agent: **Humphris Nursery**, Mooroolbark, VIC.

*Hardenbergia comptoniana*

FALSE SARSPARILLA

**‘LittleGL’**

Application No: 2007/251 Accepted: 25 October, 2007

Applicant: **George A Lullfitz**, Wanneroo, WA.

*Hardenbergia violacea*

FALSE SARSPARILLA

**‘Mystic Marvel’**

Application No: 2007/317 Accepted: 19 December, 2007

Applicant: **Courtney Peter Whitton**, Junee, NSW.

*Imperata cylindrica*

BLADY GRASS, COGONGRASS

**‘ICL200’**

Application No: 2007/231 Accepted: 25 October, 2007

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



*Kalanchoe blossfeldiana*

KALANCHOE

**‘JACKIE’**

Application No: 2007/207 Accepted: 7 October, 2007

Applicant: **Knud Jepson A/S.**

Agent: **Ball Australia Pty. Ltd.**, Keysborough, VIC.

**‘JENNA’**

Application No: 2007/205 Accepted: 7 October, 2007

Applicant: **Knud Jepson A/S.**

Agent: **Ball Australia Pty. Ltd.**, Keysborough, VIC.

**‘JODIE’**

Application No: 2007/206 Accepted: 7 October, 2007

Applicant: **Knud Jepson A/S.**

Agent: **Ball Australia Pty. Ltd.**, Keysborough, VIC.

**‘MONA’**

Application No: 2007/210 Accepted: 7 October, 2007

Applicant: **Knud Jepson A/S.**

Agent: **Ball Australia Pty. Ltd.**, Keysborough, VIC.

**‘ROSEFLOWER-LEA’**

Application No: 2007/209 Accepted: 7 October, 2007

Applicant: **Knud Jepson A/S.**

Agent: **Ball Australia Pty. Ltd.**, Keysborough, VIC.

**‘SARAH’**

Application No: 2007/208 Accepted: 7 October, 2007

Applicant: **Knud Jepson A/S.**

Agent: **Ball Australia Pty. Ltd.**, Keysborough, VIC.

*Lupinus albus*

WHITE LUPIN

**‘WALAB2008’**

Application No: 2007/200 Accepted: 7 October, 2007

Applicant: **Western Australian Agriculture Authority, Grains Research and Development Corporation, Council of grain Grower Organisations Ltd.**, South Perth, WA.

*Malus domestica*

APPLE

**‘Burkitt Gala’ syn Cherry Gala**

Application No: 2007/258 Accepted: 26 November, 2007

Applicant: **BMA TRUST c/-Dr Mark Burkitt.**

Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)**, Bathurst, NSW.

**‘Fugachee Fuji’**

Application No: 2007/257 Accepted: 26 November, 2007

Applicant: **Brandt's Fruit Trees Inc..**

Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)**, Bathurst, NSW.

*Melaleuca huegelii*

CHENILLE HONEYMYRTLE

**‘HuegflatGL’**

Application No: 2007/249 Accepted: 24 October, 2007

Applicant: **George A Lullfitz**, Wanneroo, WA.

*Melaleuca lanceolata*

ROTTNEST TEATREE

**‘Short1GL’**

Application No: 2007/253 Accepted: 25 October, 2007

Applicant: **George A Lullfitz**, Wanneroo, WA.

*Pennisetum clandestinum*

KIKUYU GRASS

**‘KIK01’**

Application No: 2007/199 Accepted: 30 October, 2007

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

*Phormium cookianum*

NEW ZEALAND MOUNTAIN FLAX

**‘Storm Edition’**

Application No: 2007/260 Accepted: 22 November, 2007

Applicant: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

*Pimelea ferruginea*

PIMELEA

**‘WhiteferruGL’**

Application No: 2007/254 Accepted: 25 October, 2007

Applicant: **George A Lullfitz**, Wanneroo, WA.

*Pimelea physodes*

QUALUP BELL

**‘QualredGL’**

Application No: 2007/246 Accepted: 24 October, 2007

Applicant: **George A Lullfitz**, Wanneroo, WA.

*Pisum sativum*

FIELD PEA

**‘XP 08530727’**

Application No: 2007/224 Accepted: 26 October, 2007

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

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

*Ricinocarpos tuberculatus*

WEDDING BUSH

**‘RicpenGL’**

Application No: 2007/252 Accepted: 25 October, 2007

Applicant: **George A Lullfitz**, Wanneroo, WA.

*Rosa* hybrid

ROSE

**‘Grandemufrap’**

Application No: 2007/309 Accepted: 12 December, 2007

Applicant: **Mr H Schreuders**.

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

**‘Grandhonemo’**

Application No: 2007/311 Accepted: 12 December, 2007

Applicant: **Mr H Schreuders**.

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

**‘Grandshanla’**

Application No: 2007/310 Accepted: 12 December, 2007

Applicant: **Mr H Schreuders**.

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

**‘Grandtinifa’**

Application No: 2007/312 Accepted: 12 December, 2007

Applicant: **Mr H Schreuders**.

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

**‘Poulcs010’**

Application No: 2007/280 Accepted: 16 November, 2007

Applicant: **Poulsen Roser A/S**.

Agent: **Griffith Hack**, Perth, WA.

**‘Poulcs012’**

Application No: 2007/279 Accepted: 16 November, 2007

Applicant: **Poulsen Roser A/S**.

Agent: **Griffith Hack**, Perth, WA.

**‘Poultc004’**

Application No: 2007/277 Accepted: 16 November, 2007

Applicant: **Poulsen Roser A/S**.

Agent: **Griffith Hack**, Perth, WA.

**‘Poultw003’**

Application No: 2007/278 Accepted: 16 November, 2007

Applicant: **Poulsen Roser A/S**.

Agent: **Griffith Hack**, Perth, WA.

*Senecio* hybrid

SENECIO, CINERARIA

**‘Sunsenebabu’ syn Baby Blue**

Application No: 2007/184 Accepted: 8 November, 2007

Applicant: **Suntory Flowers Limited.**

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

**‘Sunsenebapiba’ syn Baby Magenta Bicolour**

Application No: 2007/183 Accepted: 8 November, 2007

Applicant: **Suntory Flowers Limited.**

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

*Solanum tuberosum*

POTATO

**‘Romeo’**

Application No: 2007/281 Accepted: 10 December, 2007

Applicant: **Irish Potato Marketing Ltd.**

Agent: **Bright Harvest**, Virginia, SA.

*Stenotaphrum secundatum*

BUFFALO GRASS, ST AUGUSTINE GRASS

**‘TF01’**

Application No: 2007/245 Accepted: 12 November, 2007

Applicant: **Transvaal Park Pty Ltd**, Beaudessert, QLD.

*Syzygium australe*

LILLY PILLY

**‘Little Miss-Elegance’**

Application No: 2007/202 Accepted: 16 November, 2007

Applicant: **Brent Edwin Wilson**, Logan Reserve, QLD.

**‘PIP SQUEAK’**

Application No: 2007/203 Accepted: 16 November, 2007

Applicant: **Brent Edwin Wilson**, Logan Reserve, QLD.

**‘SUNSET’**

Application No: 2007/204 Accepted: 12 December, 2007

Applicant: **Brent Edwin Wilson**, Logan Reserve, QLD.

*Triticum aestivum*

WHEAT

**‘EGA Bounty’**

Application No: 2007/303 Accepted: 21 December, 2007

Applicant: **State of Queensland through its Department of Primary Industries & Fisheries, Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation**, Brisbane, QLD.

**‘EGA Stampede’**

Application No: 2007/304 Accepted: 21 December, 2007

Applicant: **State of Queensland through its Department of Primary Industries & Fisheries, Department of Primary Industries for and on behalf of the State of New South Wales, The University of Queensland, Grains Research and Development Corporation**, Brisbane, QLD.

**‘LongReach Bullet’ syn LPB0423**

Application No: 2007/238 Accepted: 7 October, 2007

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

**‘WAWHT2726’**

Application No: 2007/291 Accepted: 29 November, 2007

Applicant: **Western Australian Agriculture Authority, Grains Research and Development Corporation**, South Perth, WA.

*Triticum turgidum* ssp *turgidum*

DURUM WHEAT

**‘HYPERNO’**

Application No: 2007/300 Accepted: 12 December, 2007

Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

*Vaccinium* hybrid

SOUTHERN Highbush Blueberry

**‘Abundance’**

Application No: 2007/264 Accepted: 10 December, 2007

Applicant: **Florida Foundation Seed Producers, Inc.**

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

**‘C00-09’**

Application No: 2007/269 Accepted: 16 November, 2007

Applicant: **BerryExchange (a division of CostaExchange Ltd)**, Range Rd, NSW.

**‘C01-43’**

Application No: 2007/272 Accepted: 16 November, 2007

Applicant: **BerryExchange (a division of CostaExchange Ltd)**, Range Rd, NSW.

**‘C95-115’**

Application No: 2007/270 Accepted: 16 November, 2007

Applicant: **BerryExchange (a division of CostaExchange Ltd)**, Range Rd, NSW.

**‘C95-12’**

Application No: 2007/271 Accepted: 16 November, 2007

Applicant: **BerryExchange (a division of CostaExchange Ltd)**, Range Rd, NSW.

**‘C97-41’**

Application No: 2007/273 Accepted: 16 November, 2007

Applicant: **BerryExchange (a division of CostaExchange Ltd)**, Range Rd, NSW.

**‘FL92-84’**

Application No: 2007/266 Accepted: 10 December, 2007

Applicant: **Florida Foundation Seed Producers, Inc.**

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

**‘Snowchaser’**

Application No: 2007/265 Accepted: 10 December, 2007

Applicant: **Florida Foundation Seed Producers, Inc.**

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

**‘Springhigh’**

Application No: 2007/263 Accepted: 10 December, 2007

Applicant: **Florida Foundation Seed Producers, Inc.**

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

**‘Sweetcrisp’**

Application No: 2007/262 Accepted: 10 December, 2007

Applicant: **Florida Foundation Seed Producers, Inc.**

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

*Vigna unguiculata*

COWPEA

**‘BlackStallion’**

Application No: 2007/284 Accepted: 22 November, 2007

Applicant: **B.W. Algate & Co Pty Ltd trading as J.W. Koek & Company, Blue Ribbon Seed & Pulse Exporters Pty Ltd & Champion Seeds Pty Ltd**, Burbank, QLD.

*xTriticosecale*

TRITICALE

**‘Hawkeye’**

Application No: 2007/234 Accepted: 10 October, 2007

Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

**‘Jaywick’**

Application No: 2007/235 Accepted: 10 October, 2007

Applicant: **Australian Grain Technologies Pty Ltd**, Urrbrae, SA.

*Zantedeschia* spp.

CALLA LILY

**‘Rosa BLZ’**

Application No: 2007/141 Accepted: 10 December, 2007

Applicant: **BLOOMZ Ltd**.

Agent: **Rural Funds Management Flower Fund**, Nurioopta, SA.

*Zoysia macrantha*

PRICKLY COUCH, COAST COUCH, AUSTRALIAN ZOYSIA

**‘MAC03’ syn Nara**

Application No: 2007/275 Accepted: 30 November, 2007

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





## Variety Descriptions

<a href="#">Common</a> ( <a href="#">Genus</a> <a href="#">Species</a> )	<a href="#">Variety</a>	<a href="#">Title Holder</a>
<a href="#">Bower Wattle</a> ( <a href="#">Acacia cognata</a> )	Goldcog	Peter Goldup
<a href="#">Lilly Pilly</a> ( <a href="#">Acmena smithii</a> )	DOW30	Downes Wholesale Nursery Pty Ltd
<a href="#">Willow Myrtle</a> ( <a href="#">Agonis flexuosa</a> )	Jedda's Dream	James F Koppman and Jaqueline A Koppman
<a href="#">Bugle Bells</a> ( <a href="#">Ajuga reptans</a> )	Black Scallop	Mike Tristram
<a href="#">Peruvian Lily</a> ( <a href="#">Alstroemeria</a> <a href="#">hybrid</a> )	Konimpa	Konst Breeding B.V.
<a href="#">Pineapple</a> ( <a href="#">Ananas</a> <a href="#">comosus</a> )	Aus-Jubilee	State of Queensland through its Department of Primary Industries and Fisheries
<a href="#">Pineapple</a> ( <a href="#">Ananas</a> <a href="#">comosus</a> )	Aus-Carnival	State of Queensland through its Department of Primary Industries and Fisheries
<a href="#">Kangaroo Paw</a> ( <a href="#">Anigozanthos</a> <a href="#">hybrid</a> )	Regal Velvet	George A Lullfitz
<a href="#">Peanut</a> ( <a href="#">Arachis</a> <a href="#">hypogaea</a> )	Georgia Hi/OL	The University of Georgia Research Foundation, Inc.
<a href="#">Oats</a> ( <a href="#">Avena</a> <a href="#">sativa</a> )	Dawson	NDSU Research Foundation

<a href="#"><u>Oats (<i>Avena sativa</i>)</u></a>	Monty	New Zealand Institute for Crop & Food Research Limited
<a href="#"><u>Everlasting Daisy (<i>Bracteantha bracteata</i>)</u></a>	Ohdrejumwhi	Bonza Botanicals Pty Limited
<a href="#"><u>Canola (<i>Brassica napus</i>)</u></a>	Argyle	Canola Breeders Western Australia Pty Ltd
<a href="#"><u>Spider Plant (<i>Chlorophytum comosum</i>)</u></a>	Ocean	Koning Smit IPR S.A.
<a href="#"><u>Cordyline (<i>Cordyline australis</i>)</u></a>	Jel01	Geoff Jewell
<a href="#"><u>Cordyline (<i>Cordyline australis</i>)</u></a>	Kau01	Kauri Park Nursereis Ltd
<a href="#"><u>Cordyline (<i>Cordyline fruticosa</i>)</u></a>	BRA01	Peter Brauns
<a href="#"><u>Cordyline (<i>Cordyline hybrid</i>)</u></a>	Uto01	Utopia Palms and Cycads
<a href="#"><u>Cordyline (<i>Cordyline hybrid</i>)</u></a>	Tana	Evan David Lloyd
<a href="#"><u>Flax lily (<i>Dianella tasmanica</i>)</u></a>	TAS300	Wyeena Nurseries Pty Ltd
<a href="#"><u>Flax lily (<i>Dianella tasmanica</i>)</u></a>	TAS100	Ozbreed Pty Ltd
<a href="#"><u>Coneflower (<i>Echinacea purpurea</i>)</u></a>	Fragrant Angel	Terra Nova Nurseries, Inc
<a href="#"><u>Strawberry (<i>Fragaria xananassa</i>)</u></a>	Cal Giant 5	California Giant, Inc.
<a href="#"><u>Grevillea (<i>Grevillea hybrid</i>)</u></a>	Blood Orange	Christopher John Hughes

<a href="#"><u>Barley (<i>Hordeum vulgare</i>)</u></a>	Urambie	Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation
<a href="#"><u>Barley (<i>Hordeum vulgare</i>)</u></a>	Pacific Ranger	Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food Canada
<a href="#"><u>Wart-stemmed Pincushion (<i>Leucospermum cuneiforme</i>)</u></a>	LS005A01	Proteaflora Enterprises Pty Ltd
<a href="#"><u>Spiny Headed Mat Rush (<i>Lomandra hystrix</i>)</u></a>	LHCOM	Ozbreed Pty Ltd
<a href="#"><u>Spiny Headed Mat Rush (<i>Lomandra hystrix</i>)</u></a>	LHBYF	Ozbreed Pty Ltd
<a href="#"><u>Mango (<i>Mangifera indica</i>)</u></a>	Minijac	Herminia and Jacinto Lay
<a href="#"><u>Barrel Medic (<i>Medicago truncatula x littoralis</i>)</u></a>	Cheetah	Pristine Forage Technologies Pty Ltd
<a href="#"><u>Barrel Medic (<i>Medicago truncatula x littoralis</i>)</u></a>	Lynx	Pristine Forage Technologies Pty Ltd
<a href="#"><u>Spanish Cherry (<i>Mimusops elengi</i>)</u></a>	Street Snow	Darwin Plant Wholesalers
<a href="#"><u>Long Leaved Waxflower (<i>Philotheca myoporoides</i>)</u></a>	Bournda Gold	Lystare Pty Ltd trading as Bournda Plants

<a href="#"><u>New Zealand Mountain Flax (<i>Phormium cookianum</i>)</u></a>	Storm Edition	Greenhills Propagation Nursery Pty Ltd
<a href="#"><u>New Zealand Flax (<i>Phormium tenax</i>)</u></a>	PHORD1	Ozbreed Pty Ltd
<a href="#"><u>Field Pea (<i>Pisum sativum</i>)</u></a>	Bundi	Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation
<a href="#"><u>Pittosporum (<i>Pittosporum tenuifolium</i>)</u></a>	EMERALDSTAR	Grant Farmer McKechnie
<a href="#"><u>Pittosporum (<i>Pittosporum tenuifolium</i>)</u></a>	Golf Ball	M & R Fyfe
<a href="#"><u>Polygala (<i>Polygala xDalmaisiana</i>)</u></a>	Whitepol	Chris Cristou
<a href="#"><u>Sweet Cherry (<i>Prunus avium</i>)</u></a>	Arodel	Societe Anonyme des Pepinieres et Roseaies GEORGES DELBARD
<a href="#"><u>Sweet Cherry (<i>Prunus avium</i>)</u></a>	Dame Nancy	Minister for Agriculture, Food and Fisheries
<a href="#"><u>Interspecific Plum (<i>Prunus hybrid</i>)</u></a>	Black Kat	Zaiger's Inc. Genetics
<a href="#"><u>Rose (<i>Rosa hybrid</i>)</u></a>	Grandtang	Mr H Schreuders
<a href="#"><u>Rose (<i>Rosa hybrid</i>)</u></a>	Kribigpea	Lux Riviera S.r.l.
<a href="#"><u>Raspberry (<i>Rubus idaeus</i>)</u></a>	Cardinal	Driscoll Strawberry Associates, Inc
<a href="#"><u>Raspberry (<i>Rubus idaeus</i>)</u></a>	Maravilla	Driscoll Strawberry Associates, Inc
<a href="#"><u>Sage (<i>Salvia hybrid</i>)</u></a>	Heatwave Blaze	Plant Growers Australia Pty. Ltd.

<a href="#"><u>Sage (<i>Salvia hybrid</i>)</u></a>	Heatwave Sizzle	Plant Growers Australia Pty. Ltd.
<a href="#"><u>Buffalo Grass (<i>Stenotaphrum secundatum</i>)</u></a>	TF01	Transvaal Park Pty Ltd
<a href="#"><u>(<i>Strobilanthes anisophyllus</i>)</u></a>	Goldust	Valdis and Solveiga Schutz
<a href="#"><u>Lilly Pilly (<i>Syzygium australe</i>)</u></a>	AATS	John Crump
<a href="#"><u>Small Leaf Lilly Pilly (<i>Syzygium smithii</i>)</u></a>	Cherry Surprise	Wirreanda Nursery
<a href="#"><u>Small Leaf Lilly Pilly (<i>Syzygium smithii</i>)</u></a>	Sunrise	Wirreanda Nursery
<a href="#"><u>Kanooka (<i>Tristaniopsis laurina</i>)</u></a>	DOW10	Downes Wholesale Nursery Pty Ltd
<a href="#"><u>Wheat (<i>Triticum aestivum</i>)</u></a>	Axe	Australian Grain Technologies Pty Ltd
<a href="#"><u>Wheat (<i>Triticum aestivum</i>)</u></a>	Gladius	Australian Grain Technologies Pty Ltd
<a href="#"><u>Wheat (<i>Triticum aestivum</i>)</u></a>	Espada	Australian Grain Technologies Pty Ltd
<a href="#"><u>Durum Wheat (<i>Triticum turgidum ssp turgidum</i>)</u></a>	HYPERNO	Australian Grain Technologies Pty Ltd
<a href="#"><u>Field Bean (<i>Vicia faba</i>)</u></a>	Doza	Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation

<a href="#"><u>Weeping Lilly Pilly (<i>Waterhousea floribunda</i>)</u></a>	DOW20	Downes Wholesale Nursery Pty Ltd
<a href="#"><u>Triticale (<i>xTriticosecale</i> )</u></a>	Hawkeye	Australian Grain Technologies Pty Ltd
<a href="#"><u>Triticale (<i>xTriticosecale</i> )</u></a>	Jaywick	Australian Grain Technologies Pty Ltd



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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **(*Strobilanthes anisophyllus*)**

**Variety:** 'Goldust'

**Synonym:** N/A

**Application no:** 2007/111

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 10-Apr-2007

**Accepted:** 01-May-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Varieties Journal:**

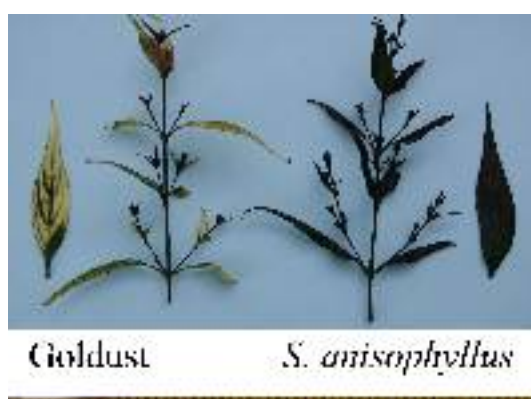
**Title Holder:** Valdis and Solveiga Schutz

**Agent:** N/A

**Telephone:** 0296511458

**Fax:** 0296513856

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





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## Plant Varieties Journal - Search Result Details

### Barley (*Hordeum vulgare*)

**Variety:** 'Urambie'

**Synonym:** N/A

**Application no:** 2005/349

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 14-Dec-2005

**Accepted:** 09-Feb-2006

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation

**Agent:** N/A

**Telephone:** 0263913550

**Fax:** 0263913563

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







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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Barley (*Hordeum vulgare*)

**Variety:** 'Pacific Ranger'

**Synonym:** AC Ranger

**Application no:** 2006/299

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 16-Nov-2006

**Accepted:** 05-Feb-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food Canada

**Agent:** Pacific Seeds Pty Ltd

**Telephone:** 0746902663

**Fax:** 0746301063

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Barrel Medic (*Medicago truncatula x littoralis*)

**Variety:** 'Cheetah'

**Synonym:** N/A

**Application no:** 2007/195

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 01-Aug-2007

**Accepted:** 05-Sep-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Pristine Forage Technologies Pty Ltd

**Agent:** N/A

**Telephone:** 0881770558

**Fax:** 0881770558

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Barrel Medic (*Medicago truncatula x littoralis*)

**Variety:** 'Lynx'

**Synonym:** N/A

**Application no:** 2007/194

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 01-Aug-2007

**Accepted:** 05-Sep-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Varieties Journal:**

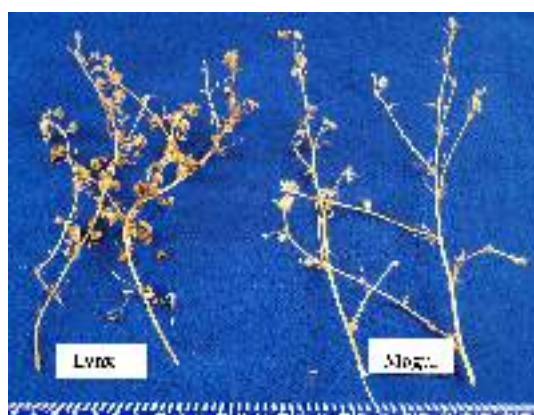
**Title Holder:** Pristine Forage Technologies Pty Ltd

**Agent:** N/A

**Telephone:** 0881770558

**Fax:** 0881770558

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Bower Wattle (*Acacia cognata*)

**Variety:** 'Goldcog'

**Synonym:** N/A

**Application no:** 2005/354

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 03-Jan-2006

**Accepted:** 09-Feb-2006

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Peter Goldup

**Agent:** Bushland Flora

**Telephone:** 0397364364

**Fax:** 0397364716

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Buffalo Grass (*Stenotaphrum secundatum*)

**Variety:** 'TF01'

**Synonym:** N/A

**Application no:** 2007/245

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 20-Sep-2007

**Accepted:** 12-Nov-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

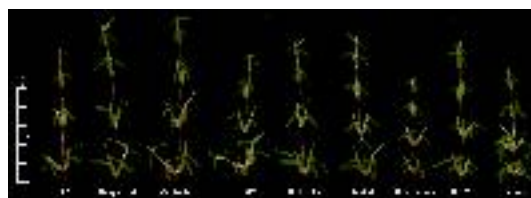
**Title Holder:** Transvaal Park Pty Ltd

**Agent:** N/A

**Telephone:** 0755436090

**Fax:** 0755436097

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Bugle Bells (*Ajuga reptans*)

**Variety:** 'Black Scallop'

**Synonym:** N/A

**Application no:** 2006/030

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 21-Feb-2006

**Accepted:** 24-Mar-2006

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Mike Tristram

**Agent:** Plants Management Australia

**Telephone:** 0397221444

**Fax:** 0397221018

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Canola (*Brassica napus*)

**Variety:** 'Argyle'

**Synonym:** N/A

**Application no:** 2007/058

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 22-Feb-2007

**Accepted:** 08-Mar-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Canola Breeders Western Australia Pty Ltd

**Agent:** N/A

**Telephone:** (08) 9285 8087

**Fax:** 0893874388

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







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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Coneflower (*Echinacea purpurea*)

**Variety:** 'Fragrant Angel'

**Synonym:** N/A

**Application no:** 2007/030

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 19-Jan-2007

**Accepted:** 13-Feb-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Terra Nova Nurseries, Inc

**Agent:** Lifetech Laboratories Ltd

**Telephone:** (02) 4381 0051

**Fax:** (02) 4381 0071

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Cordyline** (*Cordyline australis*)

**Variety:** 'Jel01'

**Synonym:** N/A

**Application no:** 2005/063

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 07-Mar-2005

**Accepted:** 21-Apr-2005

**Granted:** N/A

### **Description published**

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Geoff Jewell

**Agent:** Anthony Tesselaar Plants Pty Ltd

**Telephone:** 0397377921

**Fax:** 0397379899

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





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## Plant Varieties Journal - Search Result Details

### **Cordyline** (*Cordyline australis*)

**Variety:** 'Kau01'

**Synonym:** N/A

**Application no:** 2006/126

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 08-Jun-2006

**Accepted:** 05-Aug-2006

**Granted:** N/A

### **Description published**

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Kauri Park Nursereis Ltd

**Agent:** Greenhills Propagation Nursery Pty Ltd

**Telephone:** 0356292443

**Fax:** 0656292822

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Cordyline** (*Cordyline fruticosa*)

**Variety:** 'BRA01'

**Synonym:** N/A

**Application no:** 2004/133

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 15-Apr-2004

**Accepted:** 22-Apr-2005

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Peter Brauns

**Agent:** Anthony Tesselaar Plants Pty Ltd

**Telephone:** N/A

**Fax:** N/A

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





Australian Government  
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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Cordyline** (*Cordyline hybrid*)

**Variety:** 'Uto01'

**Synonym:** N/A

**Application no:** 2005/121

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 05-May-2005

**Accepted:** 26-Oct-2006

**Granted:** N/A

### **Description published**

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Utopia Palms and Cycads

**Agent:** N/A

**Telephone:** 0754466205

**Fax:** 0754466205

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Cordyline** (*Cordyline hybrid*)

**Variety:** 'Tana'

**Synonym:** Renegade

**Application no:** 2007/010

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 02-Jan-2007

**Accepted:** 25-Jan-2007

**Granted:** N/A

### **Description published**

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Evan David Lloyd

**Agent:** Greenhills Propagation Nursery Pty Ltd

**Telephone:** 0356292443

**Fax:** 0356292822

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





Australian Government  
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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Durum Wheat (*Triticum turgidum ssp turgidum*)

**Variety:** 'HYPERNO'

**Synonym:** N/A

**Application no:** 2007/300

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 05-Nov-2007

**Accepted:** 12-Dec-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Australian Grain Technologies Pty Ltd

**Agent:** N/A

**Telephone:** 0883036861

**Fax:** 0883036865

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







Australian Government  
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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Everlasting Daisy (*Bracteantha bracteata*)

**Variety:** 'Ohdrejumwhi'

**Synonym:** Jumbo White

**Application no:** 2007/214

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 17-Aug-2007

**Accepted:** 26-Sep-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Bonza Botanicals Pty Limited

**Agent:** Oasis Horticulture Pty Limited

**Telephone:** 0247541422

**Fax:** 0147544260

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Field Bean (*Vicia faba*)

**Variety:** 'Doza'

**Synonym:** N/A

**Application no:** 2007/161

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 18-Jun-2007

**Accepted:** 09-Jul-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation

**Agent:** N/A

**Telephone:** 0263913550

**Fax:** 0263913563

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Field Pea (*Pisum sativum*)

**Variety:** 'Bundi'

**Synonym:** N/A

**Application no:** 2006/026

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 16-Feb-2006

**Accepted:** 24-Mar-2006

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation

**Agent:** N/A

**Telephone:** 0392174200

**Fax:** 0392174161

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Flax lily (*Dianella tasmanica*)

**Variety:** 'TAS300'

**Synonym:** N/A

**Application no:** 2007/097

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 16-Mar-2007

**Accepted:** 26-Apr-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Wyena Nurseries Pty Ltd

**Agent:** Ozbreed Pty Ltd

**Telephone:** 0245780866

**Fax:** 0245780855

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Flax lily (*Dianella tasmanica*)

**Variety:** 'TAS100'

**Synonym:** N/A

**Application no:** 2007/021

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 17-Jan-2007

**Accepted:** 05-Feb-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Ozbreed Pty Ltd

**Agent:** N/A

**Telephone:** 0245780866

**Fax:** 0245780855

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Grevillea** (*Grevillea hybrid*)

**Variety:** 'Blood Orange'

**Synonym:** N/A

**Application no:** 2006/218

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 07-Aug-2006

**Accepted:** 05-Oct-2006

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Christopher John Hughes

**Agent:** N/A

**Telephone:** 0266884189

**Fax:** 0266884383

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







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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Interspecific Plum (*Prunus hybrid*)

**Variety:** 'Black Kat'

**Synonym:** N/A

**Application no:** 2003/375

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 25-Dec-2003

**Accepted:** 05-May-2004

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Zaiger's Inc. Genetics

**Agent:** Fleming's Nurseries & Associates Pty Ltd

**Telephone:** 0397566105

**Fax:** 0397520005

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Kangaroo Paw (*Anigozanthos hybrid*)

**Variety:** 'Regal Velvet'

**Synonym:** N/A

**Application no:** 2006/012

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 01-Feb-2006

**Accepted:** 22-Feb-2006

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** George A Lullfitz

**Agent:** N/A

**Telephone:** 0894051607

**Fax:** 0893062933

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Kanooka (*Tristaniopsis laurina*)

**Variety:** 'DOW10'

**Synonym:** N/A

**Application no:** 2005/288

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 18-Aug-2005

**Accepted:** 24-Oct-2005

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

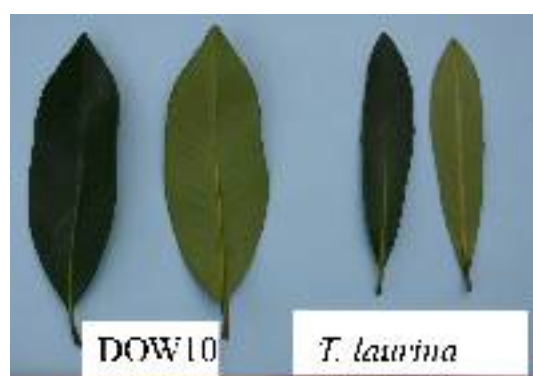
**Title Holder:** Downes Wholesale Nursery Pty Ltd

**Agent:** Ozbreed Pty Ltd

**Telephone:** 0245780866

**Fax:** 0245780855

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Lilly Pilly (*Syzygium australe*)

**Variety:** 'AATS'

**Synonym:** N/A

**Application no:** 2006/127

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 09-Jun-2006

**Accepted:** 31-Aug-2006

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** John Crump

**Agent:** Ozbreed Pty Ltd

**Telephone:** 0245780866

**Fax:** 0245780855

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



AATS

Bronzed Aussie



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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Lilly Pilly (*Acmena smithii*)

**Variety:** 'DOW30'

**Synonym:** N/A

**Application no:** 2005/317

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 17-Oct-2005

**Accepted:** 29-Apr-2006

**Granted:** N/A

### Description published

in Plant Varieties Journal: Volume 20, Issue 4

**Title Holder:** Downes Wholesale Nursery Pty Ltd

**Agent:** Ozbreed Pty Ltd

**Telephone:** 0245780866

**Fax:** 0245780855

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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Long Leaved Waxflower (*Philotheca myoporoides*)

**Variety:** 'Bournda Gold'

**Synonym:** N/A

**Application no:** 2005/072

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 11-Mar-2005

**Accepted:** 14-Jun-2005

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Lystare Pty Ltd trading as Bournda Plants

**Agent:** Greenhills Propagation Nursery Pty Ltd

**Telephone:** 0356292443

**Fax:** 0356292822

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Mango (*Mangifera indica*)

**Variety:** 'Minijac'

**Synonym:** N/A

**Application no:** 2000/301

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 04-Oct-2000

**Accepted:** 30-Nov-2000

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Varieties Journal:**

**Title Holder:** Herminia and Jacinto Lay

**Agent:** N/A

**Telephone:** 0889816112

**Fax:** 0889812892

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







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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### New Zealand Flax (*Phormium tenax*)

**Variety:** 'PHORD1'

**Synonym:** N/A

**Application no:** 2004/250

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 26-Aug-2004

**Accepted:** 21-Sep-2004

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Ozbreed Pty Ltd

**Agent:** N/A

**Telephone:** 0245780866

**Fax:** 0245780855

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### New Zealand Mountain Flax (*Phormium cookianum*)

**Variety:** 'Storm Edition'

**Synonym:** N/A

**Application no:** 2007/260

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 02-Oct-2007

**Accepted:** 22-Nov-2007

**Granted:** N/A

#### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Greenhills Propagation Nursery Pty Ltd

**Agent:** N/A

**Telephone:** 0356292443

**Fax:** 0356292822

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Oats (*Avena sativa*)

**Variety:** 'Dawson'

**Synonym:** N/A

**Application no:** 2007/241

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 17-Sep-2007

**Accepted:** 07-Nov-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** NDSU Research Foundation

**Agent:** Pacific Seeds Pty Ltd

**Telephone:** 0746902663

**Fax:** 0746301063

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Oats (*Avena sativa*)

**Variety:** 'Monty'

**Synonym:** N/A

**Application no:** 2007/150

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 24-May-2007

**Accepted:** 26-Jun-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

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

**Agent:** Heritage Seeds Pty Ltd

**Telephone:** 0260265288

**Fax:** 0260265268

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Peanut (*Arachis hypogaea*)

**Variety:** 'Georgia Hi/OL'

**Synonym:** Reid

**Application no:** 2006/002

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 16-Jan-2006

**Accepted:** 08-May-2006

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** University of Georgia Research Foundation, Inc.

**Agent:** Peanut Company of Australia Limited

**Telephone:** 0741626311

**Fax:** 0741624402

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Peruvian Lily (*Alstroemeria hybrid*)

**Variety:** 'Konimpa'

**Synonym:** N/A

**Application no:** 2006/084

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 26-Apr-2006

**Accepted:** 08-May-2006

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Konst Breeding B.V.

**Agent:** David Nichols - postal address for service of notice on the applicant Konst Breeding BV

**Telephone:** 0359774755

**Fax:** 0359774921

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







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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Pineapple (*Ananas comosus*)

**Variety:** 'Aus-Jubilee'

**Synonym:** Jubilee

**Application no:** 2005/353

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 23-Dec-2005

**Accepted:** 09-Feb-2006

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

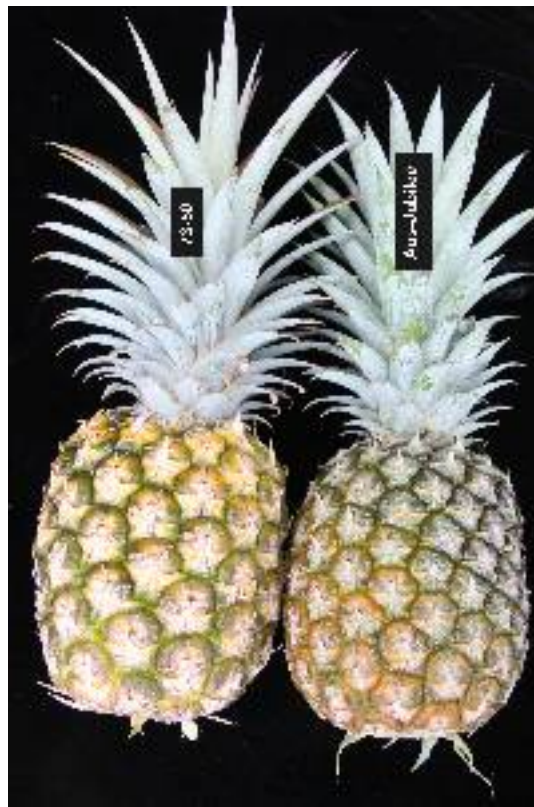
**Title Holder:** State of Queensland through its Department of Primary Industries and Fisheries

**Agent:** N/A

**Telephone:** 0732390802

**Fax:** 0732393948

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Pineapple (*Ananas comosus*)

**Variety:** 'Aus-Carnival'

**Synonym:** N/A

**Application no:** 2007/036

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 23-Jan-2007

**Accepted:** 26-Feb-2007

**Granted:** N/A

### Description published

**in Plant** Volume 20, Issue 4

### Varieties Journal:

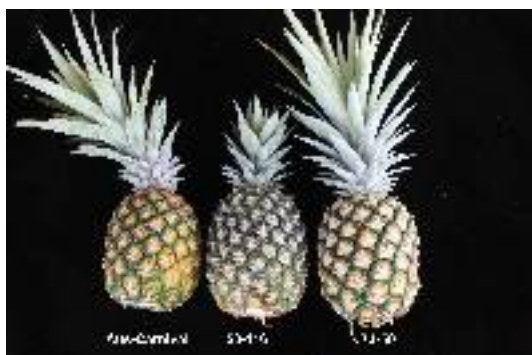
**Title Holder:** State of Queensland through its Department of Primary Industries and Fisheries

**Agent:** N/A

**Telephone:** 0732390802

**Fax:** 0732393948

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Pittosporum** (*Pittosporum tenuifolium*)

**Variety:** 'EMERALDSTAR'

**Synonym:** N/A

**Application no:** 2003/080

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 14-Apr-2003

**Accepted:** 15-May-2003

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Grant Farmer McKechnie

**Agent:** Greenhills Propagation Nursery Pty Ltd

**Telephone:** 0356292443

**Fax:** 0356292822

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Pittosporum** (*Pittosporum tenuifolium*)

**Variety:** 'Golf Ball'

**Synonym:** N/A

**Application no:** 2006/213

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 31-Jul-2006

**Accepted:** 26-Oct-2006

**Granted:** N/A

### **Description published**

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** M & R Fyfe

**Agent:** Greenhills Propagation Nursery Pty Ltd

**Telephone:** 0356292443

**Fax:** 0356292822

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Polygala** (*Polygala xDalmaisiana*)

**Variety:** 'Whitepol'

**Synonym:** N/A

**Application no:** 2006/087

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 26-Apr-2006

**Accepted:** 01-Aug-2006

**Granted:** N/A

### **Description published**

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Chris Cristou

**Agent:** N/A

**Telephone:** 0397421828

**Fax:** 0397421183

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Raspberry (*Rubus idaeus*)

**Variety:** 'Cardinal'

**Synonym:** N/A

**Application no:** 2003/339

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 27-Nov-2003

**Accepted:** 05-Mar-2004

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Driscoll Strawberry Associates, Inc

**Agent:** Phillips Ormonde & Fitzpatrick

**Telephone:** (03) 9614 1944

**Fax:** (03) 9614 1867

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







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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Raspberry (*Rubus idaeus*)

**Variety:** 'Maravilla'

**Synonym:** N/A

**Application no:** 2003/338

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 27-Nov-2003

**Accepted:** 05-Mar-2004

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

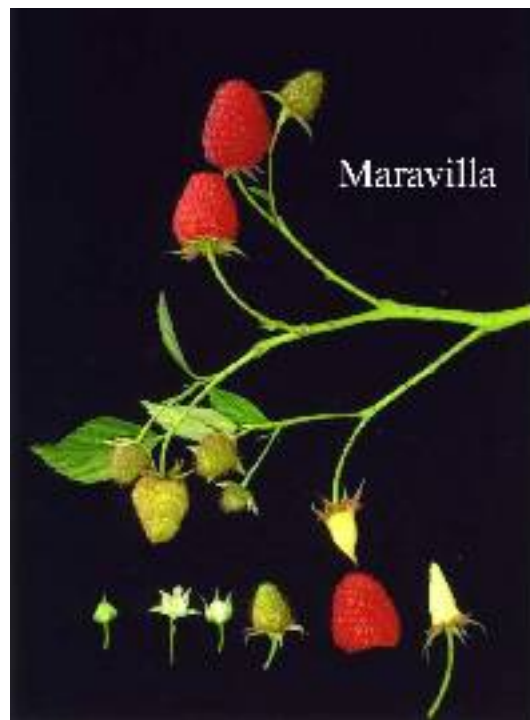
**Title Holder:** Driscoll Strawberry Associates, Inc

**Agent:** Phillips Ormonde & Fitzpatrick

**Telephone:** (03) 9614 1944

**Fax:** (03) 9614 1867

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Rose (*Rosa hybrid*)

**Variety:** 'Grandtang'

**Synonym:** N/A

**Application no:** 2006/115

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 18-May-2006

**Accepted:** 30-May-2006

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Mr H Schreuders

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone:** 0397822777

**Fax:** 0397822576

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Rose (*Rosa hybrid*)

**Variety:** 'Kribigpea'

**Synonym:** N/A

**Application no:** 2004/012

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 19-Jan-2004

**Accepted:** 03-Mar-2004

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Lux Riviera S.r.l.

**Agent:** Grandiflora Nurseries Pty Ltd

**Telephone:** 0397822777

**Fax:** 0397822576

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Sage (*Salvia hybrid*)**

**Variety:** 'Heatwave Blaze'

**Synonym:** N/A

**Application no:** 2007/059

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 26-Feb-2007

**Accepted:** 09-Mar-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Plant Growers Australia Pty. Ltd.

**Agent:** Plants Management Australia Pty. Ltd.

**Telephone:** 0362659920

**Fax:** 0362659919

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Sage (*Salvia hybrid*)**

**Variety:** 'Heatwave Sizzle'

**Synonym:** N/A

**Application no:** 2007/060

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 26-Feb-2007

**Accepted:** 21-Mar-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Plant Growers Australia Pty. Ltd.

**Agent:** Plants Management Australia Pty. Ltd.

**Telephone:** 0362659920

**Fax:** 0362659919

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







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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Small Leaf Lilly Pilly (*Syzygium smithii*)

**Variety:** 'Cherry Surprise'

**Synonym:** N/A

**Application no:** 2006/297

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 16-Nov-2006

**Accepted:** 16-Mar-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Wirreanda Nursery

**Agent:** N/A

**Telephone:** 0294501400

**Fax:** 0294502664

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Small Leaf Lilly Pilly (*Syzygium smithii*)

**Variety:** 'Sunrise'

**Synonym:** N/A

**Application no:** 2006/298

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 16-Nov-2006

**Accepted:** 16-Mar-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Wirreanda Nursery

**Agent:** N/A

**Telephone:** 0294501400

**Fax:** 0294502664

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Spanish Cherry (*Mimusops elengi*)

**Variety:** 'Street Snow'

**Synonym:** N/A

**Application no:** 2001/229

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 30-Aug-2001

**Accepted:** 04-Sep-2001

**Granted:** N/A

### Description published

in Plant Varieties Journal: Volume 20, Issue 4

**Title Holder:** Darwin Plant Wholesalers

**Agent:** N/A

**Telephone:** 0889881888

**Fax:** 0889882110

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Spider Plant (*Chlorophytum comosum*)

**Variety:** 'Ocean'

**Synonym:** N/A

**Application no:** 2007/146

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 24-May-2007

**Accepted:** 11-Jul-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Koning Smit IPR S.A.

**Agent:** Ramm Botanicals Pty Ltd

**Telephone:** 0243512099

**Fax:** 0243531875

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Spiny Headed Mat Rush (*Lomandra hystrix*)

**Variety:** 'LHCOM'

**Synonym:** N/A

**Application no:** 2006/088

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 28-Apr-2006

**Accepted:** 30-May-2006

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

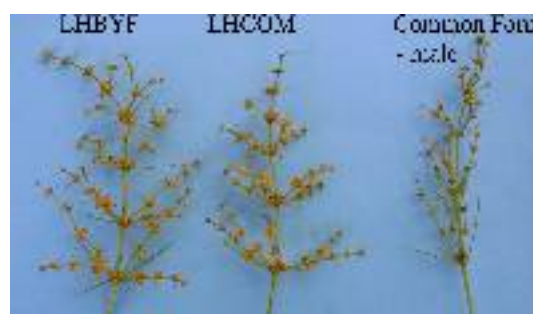
**Title Holder:** Ozbreed Pty Ltd

**Agent:** N/A

**Telephone:** 0245780866

**Fax:** 0245780855

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Spiny Headed Mat Rush (*Lomandra hystrix*)

**Variety:** 'LHBYF'

**Synonym:** N/A

**Application no:** 2006/270

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 03-Oct-2006

**Accepted:** 26-Oct-2006

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Ozbreed Pty Ltd

**Agent:** N/A

**Telephone:** 0245780866

**Fax:** 0245780855

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Strawberry (*Fragaria xananassa*)

**Variety:** 'Cal Giant 5'

**Synonym:** Galexia

**Application no:** 2005/340

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 28-Nov-2005

**Accepted:** 22-Dec-2005

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

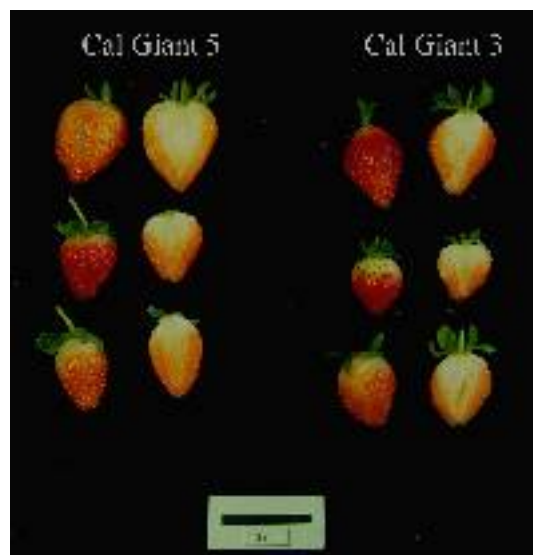
**Title Holder:** California Giant, Inc.

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

**Telephone:** 0738969401

**Fax:** 0732393948

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







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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Sweet Cherry (*Prunus avium*)

**Variety:** 'Arodel'

**Synonym:** N/A

**Application no:** 2002/008

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 07-Jan-2002

**Accepted:** 27-Jun-2003

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Societe Anonyme des Pepinieres et Roseraies  
GEORGES DELBARD

**Agent:** Australian Nurserymen's Fruit Improvement  
Company Limited

**Telephone:** 0263326960

**Fax:** 0263326962

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Sweet Cherry (*Prunus avium*)

**Variety:** 'Dame Nancy'

**Synonym:** N/A

**Application no:** 2003/148

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 18-Jun-2003

**Accepted:** 07-Jul-2003

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

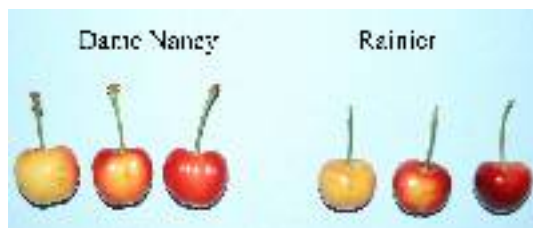
**Title Holder:** Minister for Agriculture, Food and Fisheries

**Agent:** Australian Nurseryman's Fruit Improvement Company Limited

**Telephone:** 0263326960

**Fax:** 0263326962

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Triticale (*xTriticosecale* )**

**Variety:** 'Hawkeye'

**Synonym:** N/A

**Application no:** 2007/234

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 12-Sep-2007

**Accepted:** 10-Oct-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Australian Grain Technologies Pty Ltd

**Agent:** N/A

**Telephone:** 0883036861

**Fax:** 0883036865

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### **Triticale (*xTriticosecale* )**

**Variety:** 'Jaywick'

**Synonym:** N/A

**Application no:** 2007/235

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 12-Sep-2007

**Accepted:** 10-Oct-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Australian Grain Technologies Pty Ltd

**Agent:** N/A

**Telephone:** 0883036861

**Fax:** 0883036865

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Wart-stemmed Pincushion (*Leucospermum cuneiforme*)

**Variety:** 'LS005A01'

**Synonym:** N/A

**Application no:** 2007/001

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 02-Jan-2007

**Accepted:** 25-Jan-2007

**Granted:** N/A

**Description published in Plant Varieties Journal:**

Volume 20, Issue 4

**Title Holder:** Proteaflora Enterprises Pty Ltd

**Agent:** N/A

**Telephone:** 0397567233

**Fax:** 0397566948

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Weeping Lilly Pilly (*Waterhousea floribunda*)

**Variety:** 'DOW20'

**Synonym:** N/A

**Application no:** 2005/289

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 18-Aug-2005

**Accepted:** 29-Apr-2006

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Downes Wholesale Nursery Pty Ltd

**Agent:** Ozbreed Pty Ltd

**Telephone:** 0245780866

**Fax:** 0245780855

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







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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Wheat (*Triticum aestivum*)

**Variety:** 'Axe'

**Synonym:** N/A

**Application no:** 2007/117

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 26-Apr-2007

**Accepted:** 18-May-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Australian Grain Technologies Pty Ltd

**Agent:** N/A

**Telephone:** 0883036861

**Fax:** 0883036865

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Wheat (*Triticum aestivum*)

**Variety:** 'Gladius'

**Synonym:** N/A

**Application no:** 2006/302

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 27-Nov-2006

**Accepted:** 17-Jan-2007

**Granted:** N/A

### Description published

**in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Australian Grain Technologies Pty Ltd

**Agent:** N/A

**Telephone:** 0883037835

**Fax:** 0883037964

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Wheat (*Triticum aestivum*)

**Variety:** 'Espada'

**Synonym:** N/A

**Application no:** 2007/322

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 20-Dec-2007

**Accepted:** 17-Jan-2008

**Granted:** N/A

**Description published in Plant Varieties Journal:** Volume 20, Issue 4

**Title Holder:** Australian Grain Technologies Pty Ltd

**Agent:** N/A

**Telephone:** 0883036861

**Fax:** 0883036865

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





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Plant Varieties Journal

## Plant Varieties Journal - Search Result Details

### Willow Myrtle (*Agonis flexuosa*)

**Variety:** 'Jedda's Dream'

**Synonym:** N/A

**Application no:** 2006/222

**Current status:** ACCEPTED

**Certificate no:** N/A

**Received:** 09-Aug-2006

**Accepted:** 15-Aug-2006

**Granted:** N/A

### Description

**published**

**in Plant** Volume 20, Issue 4

**Varieties**

**Journal:**

**Title Holder:** James F Koppman and Jaqueline A Koppman

**Agent:** N/A

**Telephone:** 0244478432

**Fax:** 0244478032

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



**Details of Application**

<b>Application Number</b>	2007/111
<b>Variety Name</b>	'Goldust'
<b>Genus Species</b>	<i>Strobilanthes anisophyllus</i>
<b>Common Name</b>	Strobilanthes
<b>Synonym</b>	Nil
<b>Accepted Date</b>	1 May 2007
<b>Applicant</b>	Valdis and Solveiga Schutz, Arcadia, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Dural, NSW.
<b>Descriptor</b>	General Descriptor (for plant varieties with no specific descriptor available) PBR GEN-DES.
<b>Period</b>	Summer-autumn 2007.
<b>Conditions</b>	Trial conducted in a opens beds, plants propagated from cuttings, rooted cuttings planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Spontaneous mutation: parent *S. anisophyllus*. The parent is characterised by an absence of leaf variegation and leaf colour predominated by greyed purple and brown tones over a dark yellow green base. Selection took place in Arcadia, NSW in 1999. Selection criteria: leaf variegation and colour. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Val Schutz, Arcadia, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	type	shrub
Plant	growth habit	bushy
Plant	size	medium
Plant	time of beginning of flowering	medium
Leaf	type	simple
Leaf	size	medium
Leaf	shape	lanceolate
Leaf	incision of margin	present

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
<i>S. anisophyllus</i>	parent variety (variegation 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	‘Goldust’	<i>S. anisophyllus</i>
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input type="checkbox"/> Plant: size	medium	medium
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> Plant: width	medium	medium
<input type="checkbox"/> Plant: time of beginning of flowering	medium	medium
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present
<input type="checkbox"/> Young shoot: anthocyanin colouration	strong	very strong
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: attitude	horizontal	horizontal
<input type="checkbox"/> Leaf: arrangement	opposite and decussate	opposite and decussate
<input type="checkbox"/> Leaf: length of blade	medium	medium
<input type="checkbox"/> Leaf: width of blade	medium	medium
<input type="checkbox"/> Leaf: length of petiole	short	short
<input type="checkbox"/> Leaf: shape	lanceolate	lanceolate
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	present	present
<input type="checkbox"/> Leaf: depth of incision	very shallow	very shallow
<input type="checkbox"/> Leaf: type of incision	toothed	toothed
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: shape of cross-section	flat	flat
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	medium to strong	medium to strong
<input type="checkbox"/> Leaf: green colour	medium to dark	medium to dark
<input checked="" type="checkbox"/> Leaf: presence of variegation	present	absent
<input type="checkbox"/> Leaf: degree of variegation	medium	
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	147A	147A
<input type="checkbox"/> Leaf: secondary colour (RHS colour chart)	10C to 10D	
<input type="checkbox"/> Leaf: border between colours	not clearly defined	



<input checked="" type="checkbox"/> Leaf colour: number of colours	two	one
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**Statistical Table**

Organ/Plant Part: Context	‘Goldust’	<i>S. anisophyllus</i>
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☐ Leaf: length (mm)

Mean	69.90	65.40
Std. Deviation	5.70	6.00
LSD/sig	6.7	ns

☐ Leaf: width (mm)

Mean	18.00	17.40
Std. Deviation	2.10	2.00
LSD/sig	2.38	ns

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2005/349
<b>Variety Name</b>	'Urambie'
<b>Genus Species</b>	<i>Hordeum vulgare</i>
<b>Common Name</b>	Barley
<b>Synonym</b>	Nil
<b>Accepted Date</b>	9 Feb 2006
<b>Applicant</b>	Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research and Development Corporation, Barton, ACT
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ross Downes

**Details of Comparative Trial**

<b>Location</b>	Temora Research Station.
<b>Descriptor</b>	Barley ( <i>Hordeum vulgare</i> ) TG 19/10.
<b>Period</b>	Sown in May for winter-spring crop 2007.
<b>Conditions</b>	Because of drought conditions plots were irrigated from the time of ear emergence until maturity.
<b>Trial Design</b>	Randomised block, 6 reps sown, plots 20 x 1.2 m, entries 2 generations of 'Urambie' and comparators 'Tantangara', 'Tilga' and 'Yagan'.
<b>Measurements</b>	Taken 6 Sep 07, 9 Oct 07, and 13 Nov 07.
<b>RHS Chart - edition</b>	Nil

**Origin and Breeding**

Controlled pollination: The first cross 'Yagan'/'Ulandra' was made in spring 1987 and the F<sub>1</sub> was grown in the glasshouse the next year, when it was back-crossed in spring to 'Ulandra' (cross XB1106). 'Yagan' is a very early maturing semi-dwarf feed-grain type with large grain but very susceptible to leaf scald. 'Ulandra' is a late maturing winter variety, resistant to leaf scald and having a vernalisation requirement (period of cold growing conditions) for head initiation. 'Ulandra' has high yield potential but is too late for local growing areas. Both parental varieties have strong straw in the absence of diseases. Twelve BC<sub>1</sub>F<sub>1</sub> plants were grown in the glasshouse over summer and then the 12 BC<sub>1</sub>F<sub>2</sub> families were grown in separate field plots in 1989 in a mass selection trial. These were advanced in 1990 as F<sub>3</sub> mass selection plots and single head selections were taken from 6 of these plots. Four of the 1990 plots were selected and advanced as F<sub>4</sub> bulks in the 1991 mass selection trial, when single head selections were again taken. Single head selections were grown as hill plots at Wagga Wagga in 1991 and 1992 and selected hill plots harvested to provide seed for single observation and seed increase plots in an early sown stage 0 experiment in 1994. The early sown stage 0 experiment, W94, was sown in pedigree order with a grid of check varieties 'Ulandra', 'Franklin' and 'Skiff'. W94%175 was one of 7 selections derived from the same BC<sub>1</sub>F<sub>1</sub> plant. It was identified as being an early maturing semi-dwarf with good straw strength and promoted to stage 1 early-sown trials. In 1995 stage 1 early-sown trials, sown on 3 sites, W94%175 was one of 84 selections derived from the back-cross XB1106. It was selected on the basis of its yield performance in an across-sites statistical analysis and promoted to stage 2 testing, 2 sites in 1996 and 3 in 1997. On the basis of its yield it was promoted to early-sown stage 3 testing in 1998, including some grazed experiments. W94%175 out-yielded 'Tantangara' and 'Gairdner' in an across-sites analysis which included 9 stage 3 experiments from 1998 and the stage 2 experiments from 1997. In 1999 W94%175 was given the synonym WB234, promoted to stage 4 early sown trials and included in the elite barley disease screening nursery (EBDSN). In 2000 to 2003 it continued to be tested in stage 4 early sown trials. Concurrent testing for grain quality was carried out by the Wagga Wagga Agricultural Institute malting laboratory.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of leaf sheaths	absent
Sterile spikelet	attitude	divergent
Grain	rachilla hair type	short
Grain	husk	present
Ear	number or rows	two
Time of	maturity	early
Season	type	spring type

### **Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘Yagan’	parent
‘Tilga’	
‘Tantangara’	

### **Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comment
‘Ulandra’	Time of maturity	early	late	parental 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	‘Urambie’	‘Tantangara’	‘Tilga’	‘Yagan’
<input type="checkbox"/> *Plant: growth habit	semi-prostrate to prostrate	prostrate	erect	erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	absent	absent	present	present
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	medium	medium	medium
<input type="checkbox"/> Flag leaf: glaucosity of sheath	medium	medium	medium to strong	medium
<input type="checkbox"/> *Time of: ear emergence	early to medium	early	early to medium	early
<input checked="" type="checkbox"/> *Awns: anthocyanin colouration of tips	absent	present	present	present
<input type="checkbox"/> *Ear: glaucosity	absent or very weak	weak to medium	medium	weak
<input type="checkbox"/> Ear: attitude	semi-erect to horizontal	semi-erect	horizontal	semi-erect
<input checked="" type="checkbox"/> *Plant: length	short	short	long	medium
<input type="checkbox"/> *Ear: number of rows	two	two	two	two
<input checked="" type="checkbox"/> Ear: shape	tapering	parallel	parallel	tapering

<input type="checkbox"/> *Ear: density	medium	medium to dense	dense	medium
<input checked="" type="checkbox"/> Ear: length	medium	short	long	long
<input checked="" type="checkbox"/> *Awn: length	medium	medium	medium	short
<input checked="" type="checkbox"/> Rachis: length of first segment	short	medium	medium	medium
<input type="checkbox"/> Rachis: curvature of first segment	absent or very weak	weak	very weak to weak	medium
<input type="checkbox"/> *Sterile spikelet: attitude	divergent	divergent	divergent	divergent
<input checked="" type="checkbox"/> Median spikelet: length of glume and its awn relative to grain	longer	shorter	shorter	equal
<input type="checkbox"/> *Grain: rachilla hair type	short	short	short	short
<input type="checkbox"/> *Grain: husk	present	present	present	present
<input type="checkbox"/> Grain: anthocyanin colouration of nerves of lemma	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Grain: spiculation of inner lateral nerves of dorsal side of lemma	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Grain: hairiness of ventral furrow	absent	absent	absent	absent
<input type="checkbox"/> Grain: disposition of lodicules	frontal	frontal	frontal	frontal
<input type="checkbox"/> Kernel: colour of aleurone layer	weakly coloured	weakly coloured	whitish	weakly coloured
<input type="checkbox"/> *Season: type	spring type	spring type	spring type	spring type

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Urambie’</b>	<b>‘Tantangara’</b>	<b>‘Tilga’</b>	<b>‘Yagan’</b>
<input checked="" type="checkbox"/> Flag leaf: length	very short	short	long	medium
<input checked="" type="checkbox"/> Awn: length relative to ear	long	long	short to medium	short
<input type="checkbox"/> Time of: maturity	early	early	early	early
<input type="checkbox"/> Head: length	medium to long	medium	long	medium

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Urambie’</b>	<b>‘Tantangara’</b>	<b>‘Tilga’</b>	<b>‘Yagan’</b>
<input checked="" type="checkbox"/> Flag leaf: length (mm)				
Mean	70.80	70.60	116.50	93.50
Std. Deviation	23.4	20.30	29.10	26.00
LSD/sig	21.0	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: length (cm)				
Mean	67.40	64.50	82.30	74.70
Std. Deviation	2.4	4.40	3.60	6.80
LSD/sig	3.6	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	78.30	68.70	94.90	94.10
Std. Deviation	8.6	5.50	7.90	11.80
LSD/sig	6.9	P≤0.01	P≤0.01	P≤0.01

☑ Ear plus awn: length (mm)				
Mean	197.30	189.50	221.80	195.80
Std. Deviation	18.5	11.40	11.60	27.90
LSD/sig	14.9	ns	P≤0.01	ns
☑ Awn: length (mm)				
Mean	117.90	120.70	126.90	101.70
Std. Deviation	12.1	8.40	10.00	26.30
LSD/sig	12.4	ns	ns	P≤0.01
☑ Awn/ear: ratio				
Mean	1.49	1.76	1.35	1.11
Std. Deviation	0.14	0.15	0.17	0.34
LSD/sig	0.17	P≤0.01	ns	P≤0.01

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2006/299
<b>Variety Name</b>	'Pacific Ranger'
<b>Genus Species</b>	<i>Hordeum vulgare</i>
<b>Common Name</b>	Barley
<b>Synonym</b>	AC Ranger
<b>Accepted Date</b>	5 Feb 2007
<b>Applicant</b>	Her Majesty the Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food Canada
<b>Agent</b>	Pacific Seeds Pty Ltd, Toowoomba, QLD
<b>Qualified Person</b>	Peter Stuart

**Details of Comparative Trial**

<b>Location</b>	Gatton, QLD.
<b>Descriptor</b>	Barley ( <i>Hordeum vulgare</i> ) TG /19/10.
<b>Period</b>	Winter – Spring 2007. Sown 26 Apr 2007.
<b>Conditions</b>	The trial was sown into a well prepared seedbed at the Pacific Seeds Research Station, located at Gatton in the Lockyer Valley in South East Queensland. The trial was conducted under irrigated conditions using a row spacing of 76cm.
<b>Trial Design</b>	The trial design was a randomised complete block with four replications, four rows per plot, plots five metres long.
<b>Measurements</b>	Measurements were taken from 20 plants selected randomly from over 2,500 plants.
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Controlled pollination: AC Ranger, is a six-row forage barley tested as EX 467-5 from 1993-1999, was developed from a single cross which was made in 1992 between PC 11 and AC Rosser. PC 11 is a selection from CIMMYT, Mexico City, Mexico, with resistance to QCCJ stem rust, *Puccinia graminis* Zhuk. Using standard pedigree selection, individual F<sub>1</sub> seed were grown to F<sub>2</sub> plants in the greenhouse. These, in turn, were individually harvested and grown as double 5 m F<sub>3</sub> in the field at Brandon. Individual heads were selected from each F<sub>3</sub> row and planted in the field as head rows, in Brandon. AC Ranger originated from a single F<sub>4</sub> head row selection, (Section 35) from the cross EX 467, with the designation EX 467-5. This row was selected on the basis of vigorous growth, straw strength, showing few disease symptoms, with dense foliage and numerous fertile spikes. EX 467-5, along with other selected lines, was then grown in replicated yield trials in the F<sub>5</sub> and F<sub>6</sub> at Brandon and Hamiota, Manitoba. Selection was on the basis of forage and feed quality (including percent crude protein, acid detergent fibre (ADF) and neutral detergent fibre (NDF)), height, lodging, maturity, test and thousand kernel weights, kernel plumpness and general disease resistance. Breeder: Dr. Mario Therrien, Agriculture and Agri-Food Canada, Brandon Research Centre, Brandon, MB, Canada.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of leaf sheaths	absent
Awns	anthocyanin colouration of tips	present
Awns	intensity of anthocyanin colouration of tips	medium
Grain	hairiness of ventral furrow	absent
Grain	husk	present
Season	type	spring

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘Kaputar’	
‘Corvette’	
‘Mackay’	
‘Dictator’	6 row barley, commercially used for hay and silage.

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

Organ/Plant Part: Context	‘Pacific Ranger’	‘Corvette’	‘Dictator’	‘Kaputar’	‘Mackay’
<input type="checkbox"/> *Plant: growth habit	erect	erect	erect	erect	semi-erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	absent	present	absent	absent	present
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	high to very high	very high	very high	medium	high
<input type="checkbox"/> Flag leaf: glaucosity of sheath	medium	strong	strong	strong	very strong
<input checked="" type="checkbox"/> *Time of: ear emergence	very early to early	early	medium	medium	medium
<input checked="" type="checkbox"/> *Awns: anthocyanin colouration of tips	present	present		present	present
<input checked="" type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	medium	medium		medium	medium
<input type="checkbox"/> *Ear: glaucosity	weak	weak	absent or very weak	weak	weak
<input type="checkbox"/> Ear: attitude	semi-erect	semi-erect to horizontal	semi-erect	semi-erect to horizontal	semi-erect to horizontal
<input type="checkbox"/> *Plant: length	medium to long	short to medium	long to very long	very short to short	short to medium

<input checked="" type="checkbox"/>	*Ear: number of rows	more than two	two	more than two	two	two
<input checked="" type="checkbox"/>	Ear: shape	tapering	tapering	parallel	tapering	parallel
<input type="checkbox"/>	*Ear: density	lax to medium	medium	medium	medium	medium
<input checked="" type="checkbox"/>	Ear: length	short	long	short to medium	long	long to very long
<input type="checkbox"/>	*Awn: length	short to medium	short to medium	n/a	short	short
<input type="checkbox"/>	Rachis: length of first segment	short	short	long	short	short
<input type="checkbox"/>	Rachis: curvature of first segment	weak to medium	weak to medium	medium to strong	weak to medium	weak to medium
<input checked="" type="checkbox"/>	Median spikelet: length of glume and its awn relative to grain	longer	equal	equal	equal	shorter
<input type="checkbox"/>	*Grain: rachilla hair type	long	long	short	long	long
<input type="checkbox"/>	*Grain: husk	present	present	present	present	present
<input type="checkbox"/>	*Grain: hairiness of ventral furrow	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/>	*Season: type	spring type	spring type	spring type	spring type	spring type

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Pacific Ranger’</b>	<b>‘Corvette’</b>	<b>‘Dictator’</b>	<b>‘Kaputar’</b>	<b>‘Mackay’</b>
<input checked="" type="checkbox"/> Flag leaf: length	long to very long	medium	long	medium	short
<input checked="" type="checkbox"/> Flag leaf: intensity of anthocyanin coloration of auricles	absent to very weak	weak	absent	absent to very weak	medium
<input checked="" type="checkbox"/> Sterile spikelet: attitude (mid third of ear)	absent	divergent	absent	parallel to weakly divergent	divergent
<input checked="" type="checkbox"/> Flag leaf: width	wide to very wide	medium	wide to very wide	medium	narrow

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Pacific Ranger’</b>	<b>‘Corvette’</b>	<b>‘Dictator’</b>	<b>‘Kaputar’</b>	<b>‘Mackay’</b>
<input checked="" type="checkbox"/> Plant (stem, ear, awns): length (cm)					
Mean	101.40	87.60	120.10	80.60	88.40
Std. Deviation	4.21	2.95	4.22	3.79	4.29
LSD/sig	1.79	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)					
Mean	94.70	120.10	98.40	120.20	138.30
Std. Deviation	7.49	10.14	9.88	7.31	12.13
LSD/sig	2.79	P≤0.01	P≤0.01	P≤0.01	P≤0.01



☑ Awn: length (mm)					
Mean	73.60	88.10	n/a	81.65	90.40
Std. Deviation	7.18	13.64	n/a	6.13	6.83
LSD/sig	6.5	P≤0.01	n/a	P≤0.01	P≤0.01
☑ Flag leaf: length (mm)					
Mean	270.90	199.60	239.00	196.70	180.20
Std. Deviation	22.76	44.36	27.76	42.42	22.13
LSD/sig	20.6	P≤0.01	P≤0.01	P≤0.01	P≤0.01
☑ Flag leaf: width (mm)					
Mean	23.10	17.00	24.00	16.30	13.40
Std. Deviation	1.61	3.10	3.82	2.94	1.57
LSD/sig	1.5	P≤0.01	ns	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Prior applications nil.

First sold in Canada in Jan 2003 under the name ‘AC Ranger’

Description: **Peter Stuart**, Pacific Seeds Pty Ltd, Toowoomba, QLD.

**Details of Application**

<b>Application Number</b>	2007/195
<b>Variety Name</b>	'Cheetah'
<b>Genus Species</b>	<i>Medicago truncatula</i> x <i>Medicago littoralis</i>
<b>Common Name</b>	Barrel Medic
<b>Synonym</b>	Nil
<b>Accepted Date</b>	5 Sep 2007
<b>Applicant</b>	Pristine Forage Technologies Pty Ltd, Daw Park, SA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Andrew Lake

**Details of Comparative Trial**

<b>Location</b>	Currency Creek, SA.
<b>Descriptor</b>	Medics (new) ( <i>Medicago</i> (excluding <i>M. sativa</i> )) TG/228/1
<b>Period</b>	Jun – Dec 2007.
<b>Conditions</b>	Seed was sown into jiffies in late Jun and transplanted into the field at Currency Creek, SA, in mid Jul. The soil was a moderately fertile, free draining sandy loam of approximately pH 6. Lime was added to the soil prior to planting to slightly raise pH. A mixed fertiliser (mainly P and trace elements) was used at plant out. Dacthal herbicide was applied two weeks post plant out. The trial was sprayed for red legged earthmite twice (early and late Aug). Plots were also sprayed with Fusilade for grass control (Sep) and hand weeded as required. The season had a wet start but a dry early finish with some hand watering carried out, followed by late rain. NB. The comparator 'Lynx' flowered earlier in this trial than has been observed in most other trials. Usually 'Lynx' flowers noticeably later than 'Cheetah'.
<b>Trial Design</b>	Randomised complete block with four replicates in single rows of 12 plants per replicate. 40 cm between rows; 20 cm between plants in rows.
<b>Measurements</b>	On individual plants or whole rows.
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Controlled pollination: a pod holding selection from the species *M. littoralis* (MM 127) was crossed with a plant selected from a 'Caliph' based breeding population (~75% 'Caliph' parentage). The resultant F<sub>1</sub> plants were then crossed with 'Caliph'. Multiple selections of this cross were then further backcrossed to 'Caliph'. Progeny of these crosses were then allowed to self and were grown on to the F<sub>2</sub> and F<sub>3</sub> for selection. MZ-7 was a single plant selection (selection criteria; early flowering, plant type and vigour, pod holding) from the F<sub>3</sub> of one of the crosses produced in this way; code numbered MX-93. All crosses were carried out by hand with full emasculation to prevent selfing. At each stage of the process, progeny testing and pedigree selection were used to select for and track the (recessive) pod-holding gene, as well as to monitor and select for other characteristics and traits. Breeder: Andrew Lake and Ricki Drewry, Pristine Forage Technologies Pty Ltd, Daw Park, 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
Leaflet	presence of marks	present on both sides
Leaflet	type of marks on upper side	flecked
Leaflet	position of marks on upper side	over whole surface
Leaflet	pubescence on upper side	present
Leaflet	pubescence on lower side	present
Pod	texture of whorl edges	spined
Mature pod	shedding	present
Mature leaf	shedding	present
Plant	aphid resistance	Blue Green Aphid (BGA) resistant

### **Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘Caliph’	
‘Lynx’	new pod holding variety also in trial.
‘Mogul’	included in trial as comparator for ‘Lynx’

### **Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Candidate Variety	Comments
‘Jaguar’	Leaf markings	no blotch	prominent blotch	This is one of a number of significant differences between the candidate and ‘Jaguar’.
‘Cyprus’	Plant aphid resistance	BGA resistant	BGA susceptible	‘Cyprus’ also not a pod or leaf holder.

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

Organ/Plant Part: Context	‘Cheetah’	‘Caliph’	‘Lynx’	‘Mogul’
<input type="checkbox"/> *Leaflet: presence of marks	present on both sides	present on both sides	present on both sides	present on both sides
<input type="checkbox"/> *Leaflet: type of marks on upper side	flecked	flecked	flecked	flecked
<input type="checkbox"/> *Leaflet: position of marks on upper side	over whole surface	over whole surface	over whole surface	over whole surface
<input checked="" type="checkbox"/> Leaflet: number of marks on upper side (varieties with spot or fleck type of marks on upper side only)	very few	very few	few	few
<input checked="" type="checkbox"/> Leaflet: number of marks on lower side (varieties with marks on lower side only)	very few to few	very few to few	many to very many	many to very many
<input checked="" type="checkbox"/> *Time of: flowering	very early	very early	early to medium	early to medium
<input type="checkbox"/> Plant: length of longest stem	long	long	medium to long	medium to long

<input checked="" type="checkbox"/>	Plant: length of internode	long	long	medium	medium
<input checked="" type="checkbox"/>	Runner: pubescence	medium to dense	medium to dense	very sparse to sparse	very sparse to sparse
<input checked="" type="checkbox"/>	Leaflet: length	medium to long	medium to long	short to medium	short to medium
<input checked="" type="checkbox"/>	Leaflet: width	narrow to medium	narrow to medium	medium to broad	medium to broad
<input checked="" type="checkbox"/>	Leaflet: ratio length/width	medium to large	medium to large	small to medium	small to medium
<input checked="" type="checkbox"/>	Leaflet: shape of base	narrow acute	narrow acute	broad acute	broad acute
<input type="checkbox"/>	Leaflet: shape of apex	rounded	rounded	rounded	rounded
<input checked="" type="checkbox"/>	Leaflet: serration of margin	coarse	coarse	medium	fine to medium
<input type="checkbox"/>	*Leaflet: pubescence on upper side	present	present	present	present
<input type="checkbox"/>	Leaflet: density of pubescence on upper side	dense	dense	dense	dense
<input type="checkbox"/>	*Leaflet: pubescence on lower side	present	present	present	present
<input type="checkbox"/>	Leaflet: density of pubescence on lower side	dense	dense	dense	dense
<input type="checkbox"/>	Petiole: length	short to medium	short to medium	short	short
<input type="checkbox"/>	Petiole: thickness	medium	medium	medium to thick	medium to thick
<input type="checkbox"/>	Stipule: size	small	small	small to medium	small to medium
<input type="checkbox"/>	Stipule: length of teeth	short	short	short to medium	short to medium
<input type="checkbox"/>	Inflorescence: predominant number of florets	three	three	three	three
<input type="checkbox"/>	Flower: intensity of yellow colour of petal	medium	medium	medium	medium
<input type="checkbox"/>	Flower: marks on calyx	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Time of: physiological ripening of pods	late	early	late	medium to late
<input checked="" type="checkbox"/>	Pod: length	medium	medium	short	short
<input checked="" type="checkbox"/>	*Pod: shape	cylindrical	cylindrical	ovoid	ovoid
<input type="checkbox"/>	Pod: compactness of whorls (excluding varieties with sickle-shaped pods)	compact	medium to compact	compact	medium to compact
<input checked="" type="checkbox"/>	Pod: direction of whorls	clockwise	clockwise	clockwise	anti-clockwise
<input type="checkbox"/>	Pod: number of whorls (excluding varieties with sickle-shaped pods)	three to five	three to five	three to five	three to five
<input type="checkbox"/>	*Pod: texture of whorl edges (excluding varieties with sickle-shaped pods)	spined	spined	spined	spined

<input type="checkbox"/> Pod: length of spines (varieties with spined texture of whorl edges only)	short	short to medium	short	short to medium
<input type="checkbox"/> Pod: attitude of spines (varieties with spined texture of whorl edges only)	adpressed	adpressed	adpressed	oblique
<input type="checkbox"/> Pod: presence of apical hook on spines (varieties with spined texture of whorl edges only)	absent	absent	absent	absent
<input checked="" type="checkbox"/> Seed: 1000 seed weight	medium	low to medium	low	low

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Cheetah’</b>	<b>‘Caliph’</b>	<b>‘Lynx’</b>	<b>‘Mogul’</b>
<input checked="" type="checkbox"/> Mature pod: shedding	very low	high	low	very high
<input checked="" type="checkbox"/> Mature leaf: shedding	low	high	low	high

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Cheetah’</b>	<b>‘Caliph’</b>	<b>‘Lynx’</b>	<b>‘Mogul’</b>
<input checked="" type="checkbox"/> Flower: days to first flower				
Mean	69.49	71.13	70.97	82.38
Std. Deviation	1.41	1.72	0.82	1.09
LSD/sig	2.29	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Pod: weight of 100 pods (g)				
Mean	12.00	12.20	9.16	10.50
Std. Deviation	0.83	1.04	0.60	0.62
LSD/sig	1.374	ns	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Andrew Lake**, Pristine Forage Technologies Pty Ltd, Daw Park, SA.

**Details of Application**

<b>Application Number</b>	2007/194
<b>Variety Name</b>	'Lynx'
<b>Genus Species</b>	<i>Medicago truncatula</i> x <i>Medicago littoralis</i>
<b>Common Name</b>	Barrel Medic
<b>Synonym</b>	Nil
<b>Accepted Date</b>	5 Sep 2007
<b>Applicant</b>	Pristine Forage Technologies Pty Ltd, Daw Park, SA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Andrew Lake

**Details of Comparative Trial**

<b>Location</b>	Currency Creek, SA.
<b>Descriptor</b>	Medics (new) ( <i>Medicago</i> (excluding <i>M. sativa</i> )) TG/228/1
<b>Period</b>	Jun – Dec 2007
<b>Conditions</b>	Seed was sown into jiffies in late Jun and transplanted into the field at Currency Creek, SA, in mid Jul. The soil was a moderately fertile, free draining sandy loam of approximately pH 6. Lime was added to the soil prior to planting to slightly raise pH. A mixed fertiliser (mainly P and trace elements) was used at plant out. Dacthal herbicide was applied two weeks post plant out. The trial was sprayed for red legged earthmite twice (early and late Aug). Plots were also sprayed with Fusilade for grass control (Sep) and hand weeded as required. The season had a wet start but a dry early finish with some hand watering carried out, followed by late rain. NB. Lynx flowered comparatively earlier in this trial than has been observed in most other trials. Usually Lynx flowers noticeably later than Cheetah.
<b>Trial Design</b>	Randomised complete block with four replicates in single rows of 12 plants per replicate. 40cm between rows; 20cm between plants in rows.
<b>Measurements</b>	On individual plants or whole rows.
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Controlled pollination: a pod holding selection from the species *M. littoralis* (MM 126, subsequently registered for PBR protection as 'Jaguar') was crossed with a plant selected from a 'Mogul' barrel medic based breeding population (~87% 'Mogul' parentage). The resultant F<sub>1</sub> plants were then crossed with Mogul. Multiple selections of this cross were then further backcrossed to Mogul. Progeny of these crosses were then allowed to self and were grown on to the F<sub>2</sub> and F<sub>3</sub> for selection. MZ-8 was a single plant selection (selection criteria; flowering time, plant type and vigour, pod holding) from the F<sub>3</sub> of one of the crosses produced in this way; code numbered MX-101. All crosses were carried out by hand with full emasculation to prevent selfing. At each stage of the process, progeny testing and pedigree selection were used to select for and track the (recessive) pod-holding gene, as well as to monitor and select for other characteristics and traits. Breeder: Andrew Lake and Ricki Drewry, Pristine Forage Technologies Pty Ltd, Daw Park, 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
Leaflet	presence of marks	present on both sides
Leaflet	type of marks on upper side	flecked
Leaflet	position of marks on upper side	over whole surface
Leaflet	pubescence on upper side	present
Leaflet	pubescence on lower side	present
Pod	texture of whorl edges	spined
Mature pod	shedding	present
Mature leaf	shedding	present
Plant	aphid resistance	Blue Green Aphid (BGA) resistant

### **Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Mogul'	
'Caliph'	Included in trial as comparator for 'Cheetah'.
'Cheetah'	New pod holding variety also in trial.

### **Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Candidate Variety	Comments
'Jaguar'	Leaf markings	no spot, dense flecking	spot, sparse flecking	This is one of a number of significant differences between the candidate and 'Jaguar'.
'Borong'	Plant aphid resistance	BGA resistant	BGA susceptible	'Borong' also not a pod or leaf holder.

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

Organ/Plant Part: Context	'Lynx'	'Caliph'	'Cheetah'	'Mogul'
<input type="checkbox"/> *Leaflet: presence of marks	present on both sides	present on both sides	present on both sides	present on both sides
<input type="checkbox"/> *Leaflet: type of marks on upper side	flecked	flecked	flecked	flecked
<input type="checkbox"/> *Leaflet: position of marks on upper side	over whole surface	over whole surface	over whole surface	over whole surface
<input checked="" type="checkbox"/> Leaflet: number of marks on upper side (varieties with spot or fleck type of marks on upper side only)	few	very few	very few	few
<input checked="" type="checkbox"/> Leaflet: number of marks on lower side (varieties with marks on lower side only)	many to very many	very few to few	very few to few	many to very many
<input checked="" type="checkbox"/> *Time of: flowering	early to medium	very early	very early	early to medium
<input type="checkbox"/> Plant: length of longest stem	medium to long	long	long	medium to long

<input checked="" type="checkbox"/>	Plant: length of internode	medium	long	long	medium
<input checked="" type="checkbox"/>	Runner: pubescence	very sparse to sparse	medium to dense	medium to dense	very sparse to sparse
<input checked="" type="checkbox"/>	Leaflet: length	short to medium	medium to long	medium to long	short to medium
<input checked="" type="checkbox"/>	Leaflet: width	medium to broad	narrow to medium	narrow to medium	medium to broad
<input checked="" type="checkbox"/>	Leaflet: ratio length/width	small to medium	medium to large	medium to large	small to medium
<input checked="" type="checkbox"/>	Leaflet: shape of base	broad acute	narrow acute	narrow acute	broad acute
<input type="checkbox"/>	Leaflet: shape of apex	rounded	rounded	rounded	rounded
<input checked="" type="checkbox"/>	Leaflet: serration of margin	medium	coarse	coarse	fine to medium
<input type="checkbox"/>	*Leaflet: pubescence on upper side	present	present	present	present
<input type="checkbox"/>	Leaflet: density of pubescence on upper side	dense	dense	dense	dense
<input type="checkbox"/>	*Leaflet: pubescence on lower side	present	present	present	present
<input type="checkbox"/>	Leaflet: density of pubescence on lower side	dense	dense	dense	dense
<input type="checkbox"/>	Petiole: length	short	short to medium	short to medium	short
<input type="checkbox"/>	Petiole: thickness	medium to thick	medium	medium	medium to thick
<input type="checkbox"/>	Stipule: size	small to medium	small	small	small to medium
<input type="checkbox"/>	Stipule: length of teeth	short to medium	short	short	short to medium
<input type="checkbox"/>	Inflorescence: predominant number of florets	three	three	three	three
<input type="checkbox"/>	Flower: intensity of yellow colour of petal	medium	medium	medium	medium
<input type="checkbox"/>	Flower: marks on calyx	absent	absent	absent	absent
<input checked="" type="checkbox"/>	Time of: physiological ripening of pods	late	early	late	medium to late
<input checked="" type="checkbox"/>	Pod: length	short	medium	medium	short
<input checked="" type="checkbox"/>	*Pod: shape	ovoid	cylindrical	cylindrical	ovoid
<input type="checkbox"/>	Pod: compactness of whorls (excluding varieties with sickle-shaped pods)	compact	medium to compact	compact	medium to compact
<input checked="" type="checkbox"/>	Pod: direction of whorls	clockwise	clockwise	clockwise	anti-clockwise
<input type="checkbox"/>	Pod: number of whorls (excluding varieties with sickle-shaped pods)	three to five	three to five	three to five	three to five
<input type="checkbox"/>	*Pod: texture of whorl edges (excluding varieties with sickle-shaped pods)	spined	spined	spined	spined



<input type="checkbox"/> Pod: length of spines (varieties with spined texture of whorl edges only)	short	short to medium	short	short to medium
<input type="checkbox"/> Pod: attitude of spines (varieties with spined texture of whorl edges only)	adpressed	adpressed	adpressed	oblique
<input type="checkbox"/> Pod: presence of apical hook on spines (varieties with spined texture of whorl edges only)	absent	absent	absent	absent
<input checked="" type="checkbox"/> Seed: 1000 seed weight	low	low to medium	medium	low

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Lynx’</b>	<b>‘Caliph’</b>	<b>‘Cheetah’</b>	<b>‘Mogul’</b>
<input checked="" type="checkbox"/> Mature pod: shedding	low	high	very low	very high
<input checked="" type="checkbox"/> Mature leaf: shedding	low	high	low	high

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Lynx’</b>	<b>‘Caliph’</b>	<b>‘Cheetah’</b>	<b>‘Mogul’</b>
<input checked="" type="checkbox"/> Pod: weight of 100 pods (g)				
Mean	9.16	12.20	12.00	10.50
Std. Deviation	0.60	1.04	0.83	0.62
LSD/sig	1.374	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Flower: days to first flower				
Mean	70.97	71.13	69.49	82.38
Std. Deviation	0.82	1.72	1.41	1.09
LSD/sig	2.29	ns	ns	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Andrew Lake**, Pristine Forage Technologies Pty Ltd, Daw Park, SA.

**Details of Application**

<b>Application Number</b>	2005/354
<b>Variety Name</b>	'Goldcog'
<b>Genus Species</b>	<i>Acacia cognata</i>
<b>Common Name</b>	Bower Wattle
<b>Synonym</b>	Nil
<b>Accepted Date</b>	9 Feb 2006
<b>Applicant</b>	Peter Goldup, Mt Evelyn, VIC
<b>Agent</b>	Bushland Flora, Mt Evelyn, VIC
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Location</b>	Mt Evelyn, VIC.
<b>Descriptor</b>	Acacia ( <i>Acacia</i> ) PBR ACAC.
<b>Period</b>	Autumn to spring 2007.
<b>Conditions</b>	Plants were grown in 14cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
<b>Trial Design</b>	10 plants in block design.
<b>Measurements</b>	Leaf measurements taken from largest leaves.
<b>RHS Chart - edition</b>	2005.

**Origin and Breeding**

Seedling selection: a compact seedling was selected from a batch of seedlings of *Acacia cognata* in 2000. The seed parent is characterised by tall plant height. Cuttings were taken from this seedling, established, and then another generation of cuttings were taken from the young plants. This was repeated to determine distinctness, uniformity and stability. To date, the plant has been grown through three generations with no off-types being recorded. Selection criteria: leaf colour. Propagation: vegetative. Breeder: Peter Goldup, Mt Evelyn, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Phyllode	width	medium
Plant	type	shrub
Plant	growth habit	bushy

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Bower of Beauty'	Closest variety based on all grouping characteristics.

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Limelight'	Phyllodes width	medium	narrow	'Limelight' has much finer leaves, is a smaller plant and the stems are more arching.
'Green Mist'	Phyllodes width	medium	narrow	'Green Mist' has narrower phyllodes and the stems are more arching.
'River Cascade'	Phyllodes width	medium	narrow	'River Cascade' has narrower phyllodes and the stems are more arching.

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

Organ/Plant Part: Context	'Goldcog'	'Bower of Beauty'
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input checked="" type="checkbox"/> Plant: attitude of branches	semi-upright to upright	upright to spreading
<input type="checkbox"/> Plant: density of branches	strong	medium to strong
<input type="checkbox"/> Phyllode: shape	falcate	falcate
<input checked="" type="checkbox"/> Phyllode: colour of new growth (RHS colour chart)	green 144A	green N144A
<input checked="" type="checkbox"/> Phyllode: colour of mature leaf (RHS colour chart)	green 137A	green 139A
<input type="checkbox"/> Phyllode: variegation	absent	absent

**Statistical Table**

Organ/Plant Part: Context	'Goldcog'	'Bower of Beauty'
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	49.74	47.04
Std. Deviation	4.24	4.16
LSD/sig	1.50	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	2.14	2.29
Std. Deviation	0.16	0.33
LSD/sig	0.11	P≤0.01
<input type="checkbox"/> Internode: length (mm)		
Mean	8.66	6.66
Std. Deviation	2.21	1.00
LSD/sig	2.03	ns
<input type="checkbox"/> Plant: height (mm)		
Mean	202.00	173.00
Std. Deviation	14.76	13.37
LSD/sig	31.79	ns

☐ Plant: width (mm)

Mean	320.00	324.00
Std. Deviation	32.66	32.04
LSD/sig	4.50	ns

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2007/245
<b>Variety Name</b>	'TF01'
<b>Genus Species</b>	<i>Stenotaphrum secundatum</i>
<b>Common Name</b>	Buffalo Grass
<b>Synonym</b>	Nil
<b>Accepted Date</b>	12 Nov 2007
<b>Applicant</b>	Transvaal Park Pty Ltd, Beadessert, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	Matthew Roche

**Details of Comparative Trial**

<b>Location</b>	Queensland Department of Primary Industries & Fisheries, Redlands Research Station, Cleveland, QLD (Latitude 27°32'S, 153°15'E, elevation 25 masl).
<b>Descriptor</b>	Stenotaphrum ( <i>Stenotaphrum secundatum</i> ) PBR STEN
<b>Period</b>	13 Feb. 2006 – 15 Dec. 2006.
<b>Conditions</b>	Individual propagules (four per tube) were grown in 40x40mm tubes until covered and planted on a red volcanic (krasnozem) soil 13 Dec 2006; plants not defoliated; armyworm control by cyfluthrin 19 Oct 2006, weed control by pre-emergence oxadiazon and nutrition maintained by slow release fertiliser (18-10-9) at time of planting.
<b>Trial Design</b>	Thirty (30) spaced plants of each cultivar ('Sir James', University of Western Australia, 'ST-26', 'Sir Walter', 'Shademaster', 'Matilda', 'Sapphire', 'Kings Pride', 'Velvet', 'Palmetto', 'ST-135', 'EB-2', 'Marine', 'ST-91', 'ST-85', 'Ned Kelly') arranged in six (6) randomised blocks with five (5) plants per plot; 1.5m between plots, 1.5m between plants within plots.
<b>Measurements</b>	Four (4) diameter of spread measurements were taken per plant (11-12 Apr, 26 Apr and 11 May 2006); two (2) stolons per plant were collected 13-27 Jul 2006 and stolon and leaf characteristics were measured; two (2) shoot and inflorescence measurements per plant were taken 28 Nov to 14 Dec 2006; average sward height per plant 6 Nov 2006; inflorescence density (0.1125m <sup>2</sup> ) per plant 15 Dec 2006; exposed stolon and leaf colour 18 Aug 2006.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Chance seedling: 'TF01' was selected by the breeder, John Powell, as an isolated and distinctive plant of buffalo grass (*Stenotaphrum secundatum*) growing among kikuyu grass on the banks of the Bellinger River along its tidal reaches where it was occasionally inundated by brackish water during king tides. It showed shorter internodes than existing buffalo grass varieties of comparable texture within the breeder's knowledge, and showed good colour retention during periods of drought. Initially designated 'TF01', the buffalo grass cultivar was trialled for turf adaptation by Turf Force on their Beaudesert turf farm and characterised in a national buffalo grass project coordinated by the Queensland Department of Primary Industries and Fisheries Turf Research group initiated in 2005.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Turf	texture	coarse
Stigma	colour	purple

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'B12'	
'Kings Pride'	
'Marine'	
'Matilda'	
'Ned Kelly'	
'Shademaster'	
'Sir Walter'	
'ST-26'	

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

Organ/Plant Part: Context	'TF01'	'B12'	'Kings Pride'	'Marine'	'Matilda'	'Ned Kelly'	'Shademaster'	'Sir Walter'	'ST-26'
<input type="checkbox"/> Plant: habit	creeping								
<input type="checkbox"/> Plant: type	mat-forming								
<input type="checkbox"/> Plant: height	short								
<input type="checkbox"/> Plant: longevity	perennial								
<input type="checkbox"/> Plant: spreading	laterally by stolons								
<input type="checkbox"/> Stolon: nodes	compound nodes with 2 leaves								
<input type="checkbox"/> Stolon: internode length	medium to long								
<input type="checkbox"/> Stolon: internode thickness	medium to thick								
<input checked="" type="checkbox"/> Stolon: colour when exposed to sunlight	purple to brown (RHS N186C)	RHS N199A	RHS N186C	RHS 199B	RHS N186C	RHS N186C	RHS N186C	RHS N186C	RHS N199A
<input type="checkbox"/> Unmown culms: habit	decumbent								
<input type="checkbox"/> Unmown culms: branching	present								
<input type="checkbox"/> Unmown culms: length	medium								
<input type="checkbox"/> Unmown culms: leaves	distichous								

<input type="checkbox"/>	Leaf blade: texture of surface	glabrous								
<input type="checkbox"/>	Leaf blade: shape	linear								
<input type="checkbox"/>	Leaf blade: appearance	conduplicate								
<input type="checkbox"/>	Leaf blade: apex	obtuse								
<input type="checkbox"/>	Leaf blade: length	medium to short								
<input type="checkbox"/>	Leaf blade: width	medium to narrow								
<input type="checkbox"/>	Leaf blade: colour	green (RHS 137A)	RHS 137A	RHS 137A	RHS 137A	RHS 137A	RHS 137A	RHS 137B (outer margins RHS N186C)	RHS 137A	RHS 137A
<input type="checkbox"/>	Leaf sheath: appearance	tightly compressed and keeled								
<input type="checkbox"/>	Leaf sheath: texture of surface	glabrous								
<input type="checkbox"/>	Ligule: hairs	fringe of hairs (ca 0.4-0.6 mm long)								
<input type="checkbox"/>	Inflorescence: position	terminal or axillary								
<input type="checkbox"/>	Inflorescence: type	laterally compressed solid panicle								
<input type="checkbox"/>	Inflorescence: central axis	flattened								



☐ Inflorescence: corky  
texture

☐ Inflorescence: tough  
toughness

☐ Inflorescence: very short  
length of racemes

☐ Inflorescence: (1-) 3  
number of sessile  
spikelets per raceme

☐ Inflorescence: unilateral  
false  
spikes,  
appearance of sunken  
racemes into  
central  
inflorescen  
ce axis

☐ Spikelets: type deciduous  
with  
accessory  
inflorescen  
ce branch  
structure

☐ Spikelets: colour purple  
of stigmas

☐ Peduncle: length medium

☐ Peduncle: medium to  
thickness coarse

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘TF01’</b>	<b>‘B12’</b>	<b>‘Kings Pride’</b>	<b>‘Marine’</b>	<b>‘Matilda’</b>	<b>‘Ned Kelly’</b>	<b>‘Shademaster’</b>	<b>‘Sir Walter’</b>	<b>‘ST-26’</b>
☑ Plant: mean diameter after 118 days									
Mean	174.50	121.20	167.40	107.40	160.00	159.60	129.70	142.00	100.00
Std. Deviation	30.19	12.97	30.52	15.96	18.20	37.06	35.86	50.66	5.93
LSD/sig	34.0	P≤0.01	ns	P≤0.01	ns	ns	P≤0.01	P≤0.01	P≤0.01
☑ Stolon node: first stolon node with a second lateral branch (spaced plants)									
Mean	1.18	1.10	1.40	1.40	1.83	1.50	1.73	1.12	0.95
Std. Deviation	0.81	0.75	0.69	0.83	0.81	0.75	0.73	0.67	0.73
LSD/sig	0.45	ns	ns	ns	P≤0.01	ns	P≤0.01	ns	ns
☑ Stolon node: first stolon node with a third lateral branch (spaced plants)									
Mean	2.05	2.07	2.08	2.22	2.40	2.10	2.25	2.02	2.00
Std. Deviation	0.43	0.31	0.28	0.56	0.62	0.44	0.51	0.29	0.37
LSD/sig	0.25	ns	ns	ns	P≤0.01	ns	ns	ns	ns
☑ Stolon node: first stolon node with a fourth lateral branch (spaced plants)									
Mean	2.25	2.32	2.10	2.65	2.57	2.27	2.43	2.08	2.17
Std. Deviation	0.47	0.47	0.30	0.73	0.56	0.63	0.53	0.38	0.42
LSD/sig	0.27	ns	ns	P≤0.01	P≤0.01	ns	ns	ns	ns
☑ Stolon node: first stolon node with a fifth lateral branch (spaced plants)									
Mean	2.43	2.38	2.03	2.88	2.77	2.25	2.78	2.13	2.18
Std. Deviation	0.50	0.64	0.37	0.96	0.65	0.65	0.72	0.39	0.57
LSD/sig	0.27	ns	P≤0.01	P≤0.01	P≤0.01	ns	ns	P≤0.01	ns
☑ Stolon node: first stolon node with a sixth lateral branch (spaced plants)									
Mean	2.52	2.58	2.28	3.65	2.68	2.57	3.23	2.07	2.48
Std. Deviation	0.60	0.85	0.58	1.56	0.83	1.05	1.41	0.45	0.75
LSD/sig	0.55	ns	ns	P≤0.01	ns	ns	P≤0.01	ns	ns
☑ Internode: length of fourth internode from stolon tip (mm)									
Mean	65.03	52.93	60.70	50.05	55.23	60.68	43.65	64.73	47.09
Std. Deviation	14.37	11.33	12.64	9.12	10.09	12.99	8.51	11.22	5.76
LSD/sig	5.54	P≤0.01	ns	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01

<input checked="" type="checkbox"/> Internode: diameter of fourth internode from stolon tip (mm)										
Mean	2.72	2.87	2.90	2.97	2.77	2.96	3.04	2.82	3.10	
Std. Deviation	0.40	0.38	0.52	0.30	0.49	0.49	0.39	0.50	0.47	
LSD/sig	0.26	ns	ns	ns	ns	ns	P≤0.01	ns	P≤0.01	
<input checked="" type="checkbox"/> Leaf sheath: length of leaf sheath on fourth visible node from stolon tip (mm)										
Mean	18.24	17.40	19.58	17.67	16.97	18.68	16.23	21.29	16.97	
Std. Deviation	2.49	2.25	3.10	2.92	2.65	3.23	2.91	2.37	2.07	
LSD/sig	1.36	ns	ns	ns	ns	ns	P≤0.01	P≤0.01	ns	
<input type="checkbox"/> Flag leaf: length of blade on flag leaf on flowering tillers (mm)										
Mean	28.17	28.67	24.36	33.75	33.37	27.93	25.56	30.17	32.17	
Std. Deviation	12.97	12.73	8.96	14.05	12.09	12.78	12.29	14.80	13.31	
LSD/sig	10.79	ns	ns	ns	ns	ns	ns	ns	ns	
<input type="checkbox"/> Flag leaf: width of blade on flag leaf on flowering tillers (mm)										
Mean	6.25	6.14	5.81	6.26	6.67	6.42	5.31	6.68	6.16	
Std. Deviation	0.99	1.46	1.54	1.17	1.09	1.53	1.40	1.24	1.42	
LSD/sig	0.98	ns	ns	ns	ns	ns	ns	ns	ns	
<input type="checkbox"/> Flag leaf: length: width ratio of flag leaf blade on flowering tillers										
Mean	4.43	4.60	4.22	5.46	4.99	4.21	4.85	4.41	5.24	
Std. Deviation	1.70	1.62	1.21	2.51	1.61	1.35	2.09	1.68	1.64	
LSD/sig	1.47	ns	ns	ns	ns	ns	ns	ns	ns	
<input checked="" type="checkbox"/> Leaf: length of sheath on fourth leaf on flowering tillers (mm)										
Mean	36.19	38.45	34.59	31.03	39.93	36.59	26.24	32.98	38.52	
Std. Deviation	10.90	9.95	8.04	7.62	10.55	7.90	8.57	8.78	11.12	
LSD/sig	8.33	ns	ns	ns	ns	ns	P≤0.01	ns	ns	
<input checked="" type="checkbox"/> Leaf blade: length of blade on fourth leaf on flowering tillers (mm)										
Mean	80.08	69.47	66.49	65.06	85.57	75.94	46.58	75.01	74.20	
Std. Deviation	28.81	25.44	17.76	20.00	25.52	26.25	21.64	29.26	26.20	
LSD/sig	20.33	ns	ns	ns	ns	ns	P≤0.01	ns	ns	
<input type="checkbox"/> Leaf blade: width of blade on fourth leaf on flowering tillers (mm)										
Mean	6.75	7.39	7.10	6.11	6.61	7.37	5.80	7.19	7.23	
Std. Deviation	0.76	1.29	1.34	1.00	1.11	1.26	1.44	1.17	1.84	

LSD/sig	1.18	ns	ns	ns	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Leaf blade: length: width ratio of fourth leaf blade on flowering tillers									
Mean	12.08	9.66	9.62	10.94	13.41	10.56	8.26	10.67	10.54
Std. Deviation	4.79	4.22	2.97	3.71	4.00	4.11	3.76	4.41	3.65
LSD/sig	2.94	ns	ns	ns	ns	ns	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Peduncle: length of peduncle (mm) on flowering tillers (mm)									
Mean	55.18	93.60	60.20	77.45	77.82	67.28	74.87	69.78	83.16
Std. Deviation	16.94	23.36	20.29	23.28	25.65	24.48	22.05	27.49	22.60
LSD/sig	17.74	P≤0.01	ns	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Peduncle: diameter of peduncle on flowering tillers (mm)									
Mean	1.37	1.44	1.63	1.32	1.44	1.36	1.62	1.64	1.52
Std. Deviation	0.18	0.36	0.46	0.24	0.22	0.20	0.41	0.38	0.30
LSD/sig	0.25	ns	P≤0.01	ns	ns	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Spike: mean primary spike length (mm)									
Mean	78.18	88.56	81.54	65.82	86.28	90.31	74.54	85.95	84.82
Std. Deviation	10.68	10.32	11.61	13.46	12.65	16.15	12.59	14.98	9.59
LSD/sig	9.05	P≤0.01	ns	P≤0.01	ns	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Spike: mean primary spike width (smaller) (mm)									
Mean	2.17	2.16	2.47	2.19	2.34	2.28	2.41	2.49	2.36
Std. Deviation	0.31	0.28	0.39	0.28	0.36	0.34	0.39	0.32	0.28
LSD/sig	0.23	ns	P≤0.01	ns	ns	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Spike: mean primary spike breadth (wider) (mm)									
Mean	4.15	4.61	4.55	4.30	4.32	4.47	4.43	4.76	4.64
Std. Deviation	0.48	0.59	0.70	0.53	0.68	0.60	0.66	0.55	0.75
LSD/sig	0.47	ns	ns	ns	ns	ns	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Spike: number of spikes on tiller									
Mean	2.57	2.75	2.72	2.53	2.38	2.77	2.43	2.73	2.83
Std. Deviation	0.72	0.68	0.72	0.62	0.58	0.67	0.59	0.66	0.76
LSD/sig	0.43	ns	ns	ns	ns	ns	ns	ns	ns
<input type="checkbox"/> Inflorescence: count (0.1125m2 quadrat) 15 December 2006									
Mean	46.10	117.80	48.40	42.70	62.70	43.80	22.50	53.90	59.60

Std. Deviation	29.60	44.41	55.53	28.32	27.13	30.59	20.50	30.36	31.95
LSD/sig	33.85	P≤0.01	ns	ns	ns	ns	ns	ns	ns
☑ Sward: height (cm)									
Mean	35.90	30.40	34.81	26.76	37.65	30.98	21.57	35.81	24.47
Std. Deviation	4.72	9.92	9.35	6.53	7.59	14.98	9.42	6.78	4.15
LSD/sig	12.09	ns	ns	ns	ns	ns	P≤0.01	ns	ns
☑ Leaf blade: length of leaf blade on fourth visible node from stolon tip (mm)									
Mean	16.72	14.20	21.41	15.78	19.58	19.98	17.03	23.95	14.49
Std. Deviation	2.90	4.19	4.12	4.07	3.43	5.47	3.29	5.28	3.06
LSD/sig	2.39	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01	ns	P≤0.01	ns
☑ Leaf blade: width of leaf blade on fourth visible node from stolon tip (mm)									
Mean	6.47	5.81	7.01	6.42	6.65	6.61	6.30	7.36	5.76
Std. Deviation	0.62	1.11	0.90	0.89	0.78	1.12	0.94	0.86	0.94
LSD/sig	0.19	P≤0.01	P≤0.01	ns	P≤0.01	ns	ns	P≤0.01	P≤0.01
☑ Leaf blade: length:width ratio of leaf blade on fourth visible node from stolon tip									
Mean	2.58	2.44	3.05	2.48	2.97	2.99	2.72	3.24	2.52
Std. Deviation	0.35	0.50	0.45	0.84	0.54	0.50	0.47	0.53	0.32
LSD/sig	0.32	ns	P≤0.01	ns	P≤0.01	P≤0.01	ns	P≤0.01	ns
☑ Flag leaf: length of sheath on flag leaf on flowering tillers (mm)									
Mean	43.21	48.51	41.14	46.90	50.25	43.18	38.27	42.45	54.16
Std. Deviation	8.80	6.77	7.26	7.50	9.35	9.82	7.01	8.57	9.76
LSD/sig	6.99	ns	ns	ns	P≤0.01	ns	ns	ns	P≤0.01

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2006/030
<b>Variety Name</b>	'Black Scallop'
<b>Genus Species</b>	<i>Ajuga reptans</i>
<b>Common Name</b>	Bugle Bells
<b>Synonym</b>	Nil
<b>Accepted Date</b>	24 Mar 2006
<b>Applicant</b>	Mike Tristram, West Sussex, UK
<b>Agent</b>	Plants Management Australia, Wonga Park, VIC
<b>Qualified Person</b>	Steve Eggleton

**Details of Comparative Trial**

<b>Location</b>	Wonga Park VIC.
<b>Descriptor</b>	<i>Ajuga</i> ( <i>Ajuga</i> ) PBR AJUG.
<b>Period</b>	Feb 2007 to Oct 2007.
<b>Conditions</b>	Trial conducted in the open, plants propagated from cuttings during Feb 2007, transferred from plugs to 140mm pots in Apr 2007. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required.
<b>Trial Design</b>	Twelve pots of each variety in a completely randomised design.
<b>Measurements</b>	From ten plants randomly selected.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Spontaneous mutation: was first observed as a whole plant at Binsted Nursery, Binsted, Arundel, West Sussex, England during 1998. It occurred in a batch of *Ajuga reptans* 'Braunherz' which had been grown on from tissue culture, produced in the breeder's own laboratory. This single plant was selected, isolated and grown on until 2000 when the first cuttings were taken. Selection criteria: leaf shape rounded, leaf colour very dark purple, plant density dense. Propagation: Since this initial propagation it has been regularly reproduced via cuttings. More than ten subsequent generations have all been found to be uniform and stable. Breeder: Mike Tristram, West Sussex, UK.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	presence of variegation	absent
Leaf	predominant colour of upper side	brown
Plant	growth habit	spreading
Petal	predominant colour of upper side	violet blue

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Braunhertz'	parental variety
'Evening Glow'	

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

<b>Organ/Plant Part: Context</b>	<b>‘Black Scallop’</b>	<b>‘Braunhertz’</b>	<b>‘Evening Glow’</b>
<input type="checkbox"/> *Plant: growth habit	spreading	spreading	spreading
<input checked="" type="checkbox"/> Leaf: shape	obovate	spathulate	elliptic
<input checked="" type="checkbox"/> Leaf: shape of apex	obtuse	obtuse	acute
<input checked="" type="checkbox"/> Leaf: shape of base	obtuse	attenuate	cuneate
<input type="checkbox"/> Leaf: incision of margin	present	present	present
<input checked="" type="checkbox"/> Leaf: depth of incision	medium	very shallow to shallow	very shallow to shallow
<input type="checkbox"/> Leaf: type of incision	crenate	crenate	crenate
<input type="checkbox"/> Leaf: undulation of the margin	weak	weak	very weak
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	very strong	medium	weak
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	brown 200A	brown 200A	brown 200A + 147A yellow - green
<input type="checkbox"/> Bract: shape	ovate	ovate	ovate
<input checked="" type="checkbox"/> Inflorescence: length of internode	short to very short	short to very short	medium
<input checked="" type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	violet-blue 90A	violet-blue 90A	violet-blue 93B

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
US	2004	Granted	‘Black Scallop’

First sold in USA in Sep 2003. First Australian sale Mar 2005.

Description: **Steve Eggleton**, Wonga Park, VIC.



**Details of Application**

<b>Application Number</b>	2007/058
<b>Variety Name</b>	'Argyle'
<b>Genus Species</b>	<i>Brassica napus</i>
<b>Common Name</b>	Canola
<b>Synonym</b>	Nil
<b>Accepted Date</b>	8 Mar 2007
<b>Applicant</b>	Canola Breeders Western Australia Pty Ltd, Shenton Park, WA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Milton Sanders

**Details of Comparative Trial**

<b>Location</b>	Shenton Park, Perth, WA.
<b>Descriptor</b>	Canola/Rape Seed ( <i>Brassica napus</i> ) TG/36/6+corr.
<b>Period</b>	25 May 2007 – 7 Nov 2007.
<b>Conditions</b>	Seeds were sown into the ground and then grown under normal winter-spring conditions, following normal agronomic practices for canola in Perth, Western Australia.
<b>Trial Design</b>	Randomised complete block design with 3 replicates with at least 70 plants per replicate sown in 8 m rows.
<b>Measurements</b>	Measurements were made on 20 random plants per replication, over three replications.
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Controlled pollination: The cross 02N199 was made in 2002 in Perth, Western Australia. During 2003, doubled haploid progeny were developed by microspore tissue culture from the F1 of this cross. Doubled haploid progeny were selected for blackleg resistance in a disease nursery and pure seed was increased in pollination bags over winter 2004. Progeny were further selected for oil and protein in seed, and selections were bulked in pollination tents over summer 2004/05. One of the doubled haploid progeny, N03D-0339, was tested for yield and quality in replicated field trials at 10 locations across Southern Australia in 2005 and 2006, and for blackleg resistance in parallel blackleg disease nurseries. N03D-0339 was among the highest yielding and highest seed oil lines in these trials, with moderate blackleg resistance and tolerance to triazine herbicides. Pure seed production of N03D-0339 continued in a large pollination tent over summer 2006/07, and in a 1-ha Pre-Basic seed production block in 2007, where <0.1% tall late types were observed. The variety is early-mid season flowering with medium height. Breeder: Wallace A Cowling, Canola Breeders Western Australia Pty Ltd, Shenton Park, WA.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	height	medium
Plant	herbicide tolerance	triazine tolerant
Seed	size	small
Time of	flowering	medium/medium to late

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Surpass 501TT'	
'Lantern'	
'Thunder TT'	
'ATR-Beacon'	
'Tribune'	

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

Organ/Plant Part: Context	'Argyle'	'ATR-Beacon'	'Lantern'	'Surpass 501TT'	'Thunder TT'	'Tribune'
<input type="checkbox"/> *Seed: erucic acid	absent	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> *Leaf: green colour	dark	medium	medium	medium	medium	dark
<input type="checkbox"/> *Leaf: lobes	present	present	present	present	present	present
<input type="checkbox"/> *Leaf: number of lobes	very few to few	medium	very few to few	few	very few to few	very few to few
<input checked="" type="checkbox"/> *Leaf: dentation of margin	weak	weak	medium	weak to medium	medium	medium
<input type="checkbox"/> *Time of: flowering	medium	early to medium	medium	medium to late	medium	medium
<input type="checkbox"/> *Flower: colour of petals	yellow	yellow	yellow	yellow	yellow	yellow
<input type="checkbox"/> Flower: length of petals	long	long	long	long	medium to long	long
<input type="checkbox"/> Flower: width of petals	medium to broad	broad	medium to broad	medium to broad	broad	medium to broad
<input checked="" type="checkbox"/> Plant: height at full flowering	medium	medium	tall	tall to very tall	tall	medium
<input type="checkbox"/> *Plant: total length including side branches	medium to long	medium	medium	medium to long	medium	medium to long
<input checked="" type="checkbox"/> Siliqua: length	long	long	long	long	long to very long	long to very long
<input checked="" type="checkbox"/> Siliqua: length of beak	short	short	medium	short	medium	long

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'Argyle'	'ATR-Beacon'	'Lantern'	'Surpass 501TT'	'Thunder TT'	'Tribune'
<input type="checkbox"/> Plant: herbicide tolerance	triazine tolerant	triazine tolerant	triazine sensitive	triazine tolerant	triazine tolerant	triazine tolerant
<input type="checkbox"/> Seed: oil quality	canola quality	canola quality	canola quality	canola quality	canola quality	canola quality
<input checked="" type="checkbox"/> Plant: blackleg resistance	moderate to high	moderate	moderate	low to moderate	moderate to high	moderate
<input checked="" type="checkbox"/> Seed: colour	brown	black	black	black	black	black

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Argyle’</b>	<b>‘ATR-Beacon’</b>	<b>‘Lantern’</b>	<b>‘Surpass 501TT’</b>	<b>‘Thunder TT’</b>	<b>‘Tribune’</b>
☑ Flower: petal length (mm)						
Mean	16.47	16.18	16.10	16.37	15.47	16.12
Std. Deviation	1.20	1.07	1.08	1.13	1.20	1.06
LSD/sig	0.72	ns	ns	ns	P≤0.01	ns
☑ Flower: petal width (mm)						
Mean	8.05	9.18	7.38	8.50	9.42	7.53
Std. Deviation	0.87	1.10	0.96	0.79	0.70	0.81
LSD/sig	0.80	P≤0.01	ns	ns	P≤0.01	ns
☑ Plant: height (cm)						
Mean	97.50	117.00	135.10	150.20	130.70	92.25
Std. Deviation	9.40	19.00	15.50	15.50	12.60	15.56
LSD/sig	21.63	ns	P≤0.01	P≤0.01	P≤0.01	ns
☑ Plant: length (cm)						
Mean	80.80	57.67	56.18	65.12	58.82	72.87
Std. Deviation	14.92	17.43	14.65	18.37	14.29	16.66
LSD/sig	17.27	P≤0.01	P≤0.01	ns	P≤0.01	ns
☑ Siliqua: length (mm)						
Mean	68.07	63.38	72.15	69.52	77.77	77.77
Std. Deviation	5.12	5.39	7.47	5.25	8.39	6.32
LSD/sig	5.3	ns	ns	ns	P≤0.01	P≤0.01
☑ Siliqua: length of beak (mm)						
Mean	10.78	11.32	14.30	10.97	15.72	17.40
Std. Deviation	1.84	2.20	2.31	1.94	2.34	2.12
LSD/sig	1.59	ns	P≤0.01	ns	P≤0.01	P≤0.01

**Prior Applications and Sales**

Nil.

Description: **Wallace Cowling and Rozlyn Ezzy**, Canola Breeders Western Australia Pty Ltd, Shenton Park, WA

**Details of Application**

<b>Application Number</b>	2007/030
<b>Variety Name</b>	'Fragrant Angel'
<b>Genus Species</b>	<i>Echinacea purpurea</i>
<b>Common Name</b>	Coneflower
<b>Synonym</b>	Nil
<b>Accepted Date</b>	13 Feb 2007
<b>Applicant</b>	Terra Nova Nurseries, Inc, Tigard, Oregon, USA
<b>Agent</b>	Lifetech Laboratories Ltd, Kincumber, NSW
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	US Patent and Trademark Office
<b>Overseas Data Reference Number</b>	PP16,054
<b>Location</b>	Macmasters Beach, NSW
<b>Descriptor</b>	Echinacea ( <i>Echinacea purpurea</i> ) PBR CONE
<b>Period</b>	Summer 2006-2007.
<b>Conditions</b>	Trial conducted in a open beds, plants propagated from micropropagation, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by capillary method, pest and disease treatments as required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Induced mutation: maternal parent 'Ruby Giant'. The parent is characterised by a light pink ray floret colour. Selection took place in Canby, Oregon, USA in 2002. Selection criteria: Flower: colour white. Propagation: vegetative divisions and micropropagation were found to be uniform and stable. Breeder: Harini Korlipara, Canby, Oregon, USA.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Ray floret	colour	white
Ray floret	attitude	horizontal
Disc floret	Colour	yellow orange

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Alba'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Prima Donna White'	Ray florets	number of rows two	one
'Kim's Mop Head'	ray floret	attitude horizontal	drooping
'White Swan'	Ray florets	number of rows two	one
'Cygnet White'	Ray florets	number of rows two	one

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

Organ/Plant Part: Context	'Fragrant Angel' 'Alba'	
<input checked="" type="checkbox"/> Plant: height	medium	tall
<input type="checkbox"/> Plant: 2. number of flower heads per stem	more than two	
<input type="checkbox"/> Basal leaf: length	medium to long	medium to long
<input type="checkbox"/> Basal leaf: width	medium	
<input type="checkbox"/> Basal leaf: shape	ovate	
<input type="checkbox"/> Basal leaf: margin	dentate	
<input type="checkbox"/> Basal leaf: pubescence (lower side)	absent or very weakly expressed	
<input type="checkbox"/> Basal leaf: colour (upper side)	medium green	
<input type="checkbox"/> Flower head: height	medium	medium
<input type="checkbox"/> Flower head: diameter	medium to large	medium to large
<input type="checkbox"/> Flower head: length of peduncle	medium	medium to long
<input type="checkbox"/> Ray floret: attitude	horizontal	horizontal
<input type="checkbox"/> Ray floret: length	short to medium	
<input type="checkbox"/> Ray floret: main colour (RHS Colour Chart)	155D	155D
<input type="checkbox"/> Ray floret: greenish colour of apex	present	
<input type="checkbox"/> Disc floret: colour	yellow orange	yellow orange
<input type="checkbox"/> Disc floret: time of beginning of flowering	summer to autumn	
<input type="checkbox"/> Flower: fragrance	present	
<input type="checkbox"/> Anther: colour	yellow	
<input type="checkbox"/> Peduncle: colour (RHS colour chart)	146C-D	
<input checked="" type="checkbox"/> Ray florets: number	many	few
<input checked="" type="checkbox"/> Ray florets: number of rows	two	one
<input type="checkbox"/> Disc: shape	convex to conic	

**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
New Zealand	2005	Applied	'Fragrant Angel'
EU	2004	Granted	'Fragrant Angel'
USA	2004	Granted	'Fragrant Angel'

First sold in USA in Jul 2004. First Australian sale Feb 2006.

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

**Details of Application**

<b>Application Number</b>	2005/063
<b>Variety Name</b>	'Jel01'
<b>Genus Species</b>	<i>Cordyline australis</i>
<b>Common Name</b>	Cordyline
<b>Synonym</b>	Nil
<b>Accepted Date</b>	21 Apr 2005
<b>Applicant</b>	Geoff Jewell, Otaki, New Zealand
<b>Agent</b>	Anthony Tesselaar Plants Pty Ltd, Silvan, VIC
<b>Qualified Person</b>	Christopher Prescott

**Details of Comparative Trial**

<b>Location</b>	145 Moores road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
<b>Descriptor</b>	Cordyline ( <i>Cordyline</i> spp.) PBR CORD.
<b>Period</b>	2006/2007.
<b>Conditions</b>	The trial was carried out on two to three year old plants in the soil. Maintenance was unnecessary irrigation as plants required. The examination data was collected on 28 Nov 2007.
<b>Trial Design</b>	Plants were set out in blocks, 9 plants of 'Jel01', 9 plants of 'Kau01' and 6 plants of 'Dominator'.
<b>Measurements</b>	Measurements were taken at random with the assistance of examiners from the PBR office on 28 Nov 2007 after first flowering (with the exception of 'Kau01' which has not flowered in the duration of the trial).
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Spontaneous mutation: *Cordyline australis* 'Jel01' was selected in Otaki, New Zealand as a sport of a wild population of *Cordyline australis* 'Purpurea', by Geoff Jewell. The new variety was selected from amongst thousands of seedlings that had been cultivated from seeds collected in the wild. Selection criteria: upright growth habit, foliage colour. Propagation: all future generations have been propagated by tissue culture, and have remained true to type with no recordings of variation from the initial selection. Breeder: All work has been conducted by Geoff Jewell, settlement Road, Otaki, new Zealand.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	colour	burgundy

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Kau01'	
'Dominator'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Purpurea’	leaf	colour	burgundy	brown

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

Organ/Plant Part: Context	‘Jel01’	‘Dominator’	‘Kau01’
<input type="checkbox"/> Stem: branching	absent	absent	absent
<input type="checkbox"/> Leaf: number of colours on upper side	one	one	one
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	N200A	200A + redder	N200A
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	erect to semi-erect	semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Leaf: attitude of top half of leaf	weeping	semi-weeping	semi-weeping
<input type="checkbox"/> Plant: suckering	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	weak	medium	weak

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	‘Jel01’	‘Dominator’	‘Kau01’
<input checked="" type="checkbox"/> Leaf: mid rib colour on under side (RHS)	187A	187B	200A
<input type="checkbox"/> Young leaf: anthocyanin colouration	reddish brown	green	green
<input checked="" type="checkbox"/> Leaf: ridging on upper side	weak	medium	weak
<input checked="" type="checkbox"/> Plant: size	large	medium	small

**Statistical Table**

Organ/Plant Part: Context	‘Jel01’	‘Dominator’	‘Kau01’
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	259.88	226.17	192.44
Std. Deviation	24.20	11.00	35.05
LSD/sig	49.27	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf : length (cm)			
Mean	95.95	106.08	98.61
Std. Deviation	3.43	11.22	5.12
LSD/sig	3.95	P≤0.01	ns

**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
New Zealand	2006	Applied	‘Jel01’
EU	2006	Applied	‘Jel01’
USA	2006	Applied	‘Jel01’

Prior sale nil.

Description: **Christopher Prescott**, Prescott Roses Pty Ltd, Clyde, VIC.

**Details of Application**

<b>Application Number</b>	2006/126
<b>Variety Name</b>	'Kau01'
<b>Genus Species</b>	<i>Cordyline australis</i>
<b>Common Name</b>	Cordyline
<b>Synonym</b>	Nil
<b>Accepted Date</b>	5 Aug 2006
<b>Applicant</b>	Kauri Park Nurseries Ltd, Maungaturoto, New Zealand
<b>Agent</b>	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
<b>Qualified Person</b>	Christopher Prescott

**Details of Comparative Trial**

<b>Location</b>	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
<b>Descriptor</b>	Cordyline ( <i>Cordyline</i> spp.) PBR CORD.
<b>Period</b>	2006/2007.
<b>Conditions</b>	The trial was carried out on two to three year old plants in the soil. Maintenance was unnecessary irrigation as plants required. The examination data was collected on 28 Nov 2007.
<b>Trial Design</b>	Plants were set out in blocks, 9 plants of 'Jel01', 9 plants of 'Kau01' and 6 plants of 'Dominator'.
<b>Measurements</b>	Measurements were taken at random with the assistance of examiners from the PBR office on 28 Nov 2007 after first flowering (with the exception of 'Kau01' which has not flowered in the duration of the trial) .
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Spontaneous Mutation: *Cordyline australis* 'Kau01' was selected in Maungaturoto, New Zealand as a seedling mutation in a population of *Cordyline australis* 'Purpurea' by Vern Wearmouth in 2001. The new variety was selected from amongst thousands of seedlings that had been cultivated from seeds collected from plants of the parent, in the nursery at Kauri Park Nurseries Ltd. Selection criteria: strong growth, foliage colour. Propagation: Future generations have been propagated by tissue culture to build stock and then by cuttings, and has remained true to type with no recordings of variation from the initial selection. Breeder: All work has been conducted by Vern Wearmouth, Maungaturoto, New Zealand.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	colour	burgundy

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Jel01'	
'Dominator'	



**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Purpurea'	Leaf	colour	burgundy	brown

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

Organ/Plant Part: Context	'Kau01'	'Dominator'	'Jel01'
<input type="checkbox"/> Stem: branching	absent	absent	absent
<input type="checkbox"/> Leaf: number of colours on upper side	one	one	one
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	N200A	200A + redder	N200A
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	erect to semi-erect	semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Leaf: attitude of top half of leaf	semi-weeping	semi-weeping	weeping
<input type="checkbox"/> Plant: suckering	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	weak	medium	weak

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'Kau01'	'Dominator'	'Jel01'
<input checked="" type="checkbox"/> Leaf: ridging on upper side	weak	medium	weak
<input checked="" type="checkbox"/> Plant: size	small	medium	large
<input checked="" type="checkbox"/> Leaf: mid rib colour on under side (RHS)	200A	187B	187A
<input type="checkbox"/> Young leaf: anthocyanin colouration	green	green	reddish brown

**Statistical Table**

Organ/Plant Part: Context	'Kau01'	'Dominator'	'Jel01'
<input checked="" type="checkbox"/> Leaf: length (cm)			
Mean	98.61	106.08	95.95
Std. Deviation	5.12	11.22	3.43
LSD/sig	3.95	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	192.44	226.17	259.88
Std. Deviation	35.05	11.00	24.20
LSD/sig	49.27	ns	P≤0.01
<input type="checkbox"/> Leaf: width at widest part (cm)			
Mean	6.52	6.28	6.08
Std. Deviation	0.39	0.48	0.91
LSD/sig	1.50	ns	ns

**Prior Applications and Sales**

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

Description: **Christopher Prescott**, Prescott Roses Pty Ltd, Clyde, VIC.

**Details of Application**

<b>Application Number</b>	2004/133
<b>Variety Name</b>	'BRA01'
<b>Genus Species</b>	<i>Cordyline fruticosa</i>
<b>Common Name</b>	Cordyline
<b>Synonym</b>	Nil
<b>Accepted Date</b>	22 Apr 2005
<b>Applicant</b>	Peter Brauns, Edmonton, QLD
<b>Agent</b>	Anthony Tesselaar Plants Pty Ltd, Silvan, VIC
<b>Qualified Person</b>	Christopher Prescott

**Details of Comparative Trial**

<b>Location</b>	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
<b>Descriptor</b>	Cordyline ( <i>Cordyline</i> spp.) PBR CORD.
<b>Period</b>	2006/2007.
<b>Conditions</b>	The trial was conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination with plants on their own roots planted into 210mm pots (1 to 2 plants per pot) filled with a co-co coir mix, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
<b>Trial Design</b>	Pots were on hydroponic benches in a dual row, 6 plants of Cordyline 'Bra01' and 6 plants of Cordyline 'Nigra'.
<b>Measurements</b>	Measurements were taken from 2 year old plants at random on 28/11/2007.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Spontaneous mutation: 'Bra01' was selected as a purple/black mutation of a wild green *Cordyline fruticosa* by Peter Brauns of Plant Source Australia. Propagation of the new variety is by cutting, and has remained true to type over several generations. Selection criteria: compact growth habit, foliage colour. Propagation: vegetative. Breeder: Peter Brauns, Edmonton, QLD.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	colour	blackish

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Nigra'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Rubra'	leaf colour	black look	red to burgundy	'Rubra' was the closest <i>C. fruticosa</i> in colour to <i>C. 'Bra01'</i> but was easily distinguished as being a different 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	'BRA01'	'Nigra'
<input type="checkbox"/> Stem: branching	absent	absent
<input type="checkbox"/> Leaf: number of colours on upper side	one	one
<input type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	202A with reddish hue	202A with reddish hue
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	erect	erect to semi-erect
<input checked="" type="checkbox"/> Leaf: attitude of top half of leaf	semi-erect	horizontal
<input checked="" type="checkbox"/> Plant: suckering	present	absent
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'BRA01'	'Nigra'
<input checked="" type="checkbox"/> Leaf: cross section	convex	slightly concave
<input checked="" type="checkbox"/> Leaf: undulation of margin	strong	weak

**Statistical Table**

Organ/Plant Part: Context	'BRA01'	'Nigra'
<input type="checkbox"/> Plant: height (cm)		
Mean	105.72	131.47
Std. Deviation	12.37	11.18
LSD/sig	26.47	ns
<input checked="" type="checkbox"/> Leaf: length (cm)		
Mean	43.70	88.75
Std. Deviation	3.19	3.25
LSD/sig	5.89	P≤0.01
<input checked="" type="checkbox"/> Leaf: width at broadest part (cm)		
Mean	8.30	12.43
Std. Deviation	0.65	0.72
LSD/sig	1.26	P≤0.01

**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
New Zealand	2004	Granted	'BRA01'
EU	2005	Applied	'BRA01'

First sold in Australia in Sep 2003 under the name 'Cobra'.

Description: **Christopher Prescott**, Prescott Roses Pty Ltd, Clyde, VIC.

**Details of Application**

<b>Application Number</b>	2005/121
<b>Variety Name</b>	'Uto01'
<b>Genus Species</b>	<i>Cordyline</i> hybrid
<b>Common Name</b>	Cordyline
<b>Synonym</b>	Nil
<b>Accepted Date</b>	26 Oct 2006
<b>Applicant</b>	Utopia Palms and Cycads, Valdora, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	Christopher Prescott

**Details of Comparative Trial**

<b>Location</b>	145 Moores road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
<b>Descriptor</b>	Cordyline ( <i>Cordyline</i> spp.) PBR CORD.
<b>Period</b>	2006/2007.
<b>Conditions</b>	The trial was conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination with plants on their own roots planted into 210mm pots (1 to 2 plants per pot) filled with a co-co coir mix, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
<b>Trial Design</b>	Pots were on hydroponic benches in a dual row, 6 plants of Cordyline 'Uto01', 6 plants of Cordyline 'Bra01' and 6 plants of Cordyline 'Nigra'.
<b>Measurements</b>	Measurements were taken from 2 year old plants at random on 28 Nov 2007.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Controlled pollination: Cordyline 'Uto01' was the result of a cross between *Cordyline fruticosa* 'Bra01' (seed parent) and a *Cordyline terminalis* seedling (pollen parent) at the end of Apr 2000. Subsequent generations have been shown to be stable, with no off types noted. Selection criteria: upright growth habit, foliage colour. Breeder: All work has been conducted by Clayton Hank York, proprietor of Utopia Palms & Cycads, Valdora, QLD.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	colour	blackish

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Bra01'	seed parent
'Nigra'	pollen parent

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Variety	Comments
'Stricta'	leaf colour black look	green		'Stricta' was considered due to similar leaf width, but was rejected due to distinct colour difference.

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

Organ/Plant Part: Context	'Uto01'	'Bra01'	'Nigra'
<input type="checkbox"/> Stem: branching	absent	absent	absent
<input type="checkbox"/> Leaf: number of colours on upper side	one	one	one
<input type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	202A with reddish hue	202A with reddish hue	202A with reddish hue
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	erect to semi-erect	erect	erect to semi-erect
<input checked="" type="checkbox"/> Leaf: attitude of top half of leaf	horizontal	semi-erect	horizontal
<input checked="" type="checkbox"/> Plant: suckering	present	present	absent
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium	medium

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'Uto01'	'Bra01'	'Nigra'
<input checked="" type="checkbox"/> Leaf: cross section	slightly concave	convex	slightly concave
<input checked="" type="checkbox"/> Leaf: undulation of margin	weak	strong	weak

**Statistical Table**

Organ/Plant Part: Context	'Uto01'	'Bra01'	'Nigra'
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	146.62	105.72	131.47
Std. Deviation	18.66	12.37	11.18
LSD/sig	50.44	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: length (cm)			
Mean	70.65	43.70	88.75
Std. Deviation	3.46	3.19	3.25
LSD/sig	5.61	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width at broadest part (cm)			
Mean	2.47	8.30	12.43
Std. Deviation	0.45	0.65	0.72
LSD/sig	1.47	P≤0.01	P≤0.01

**Prior Applications and Sales**

Nil.

Description: **Christopher Prescott**, Prescott Roses Pty Ltd, Clyde, VIC.

**Details of Application**

<b>Application Number</b>	2007/010
<b>Variety Name</b>	'Tana'
<b>Genus Species</b>	<i>Cordyline</i> hybrid
<b>Common Name</b>	Cordyline
<b>Synonym</b>	Renegade
<b>Accepted Date</b>	25 Jan 2007
<b>Applicant</b>	Evan David Lloyd, Ashhurst, New Zealand.
<b>Agent</b>	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC.
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Location</b>	Greenhills Propagation Nursery, Tynong, VIC.
<b>Descriptor</b>	Cordyline ( <i>Cordyline</i> spp.) PBR CORD.
<b>Period</b>	Spring/summer 2007.
<b>Conditions</b>	Plants were grown in 14cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
<b>Trial Design</b>	10 plants in block design.
<b>Measurements</b>	Leaf measurements taken from widest part of leaf
<b>RHS Chart - edition</b>	2005.

**Origin and Breeding**

Seedling selection: a seedling was selected from a batch of seedlings of *Cordyline australis* in 2000. The seed parent is characterised by green to bronze foliage colour. Divisions were taken from this seedling, established, and then another generation of divisions were taken from the young plants. This was repeated to determine distinctness, uniformity and stability. To date, the plant has been grown through six generations with no off-types being recorded. Selection criteria: leaf colour. Propagation: vegetative. Breeder: Evan Lloyd, Ashhurst, New Zealand.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	colour	brown

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Purple Sensation'	
'Red Star'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics in Candidate Variety	State of Expression in Comparator Variety	State of Expression in Variety	Comments
'Red Chocolate'	Plant height medium	large		Also known as 'New Red', or 'Cardinal' and other names.

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

Organ/Plant Part: Context	'Tana'	'Purple Sensation'	'Red Star'
<input type="checkbox"/> Stem: branching	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: number of colours on upper side	one	two	two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	brown 200A	brown 200B	177A
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (RHS Colour Chart)	brown 200A	greyed red 178C	178D
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Leaf: attitude of top half of leaf	horizontal	semi-erect	semi-erect
<input type="checkbox"/> Plant: suckering	absent	absent	absent
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium	weak	weak

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'Tana'	'Purple Sensation'	'Red Star'
<input checked="" type="checkbox"/> Leaf: stiffness	weak	strong	medium
<input checked="" type="checkbox"/> Plant: size	small	medium	small

**Statistical Table**

Organ/Plant Part: Context	'Tana'	'Purple Sensation'	'Red Star'
<input checked="" type="checkbox"/> Leaves: number per plant (mm)			
Mean	14.30	18.70	32.40
Std. Deviation	1.57	1.83	4.06
LSD/sig	6.64	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: height (mm)			
Mean	423.00	689.00	405.00
Std. Deviation	36.50	38.43	18.41
LSD/sig	40.15	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	20.29	17.51	15.99
Std. Deviation	1.63	1.38	1.35
LSD/sig	1.80	P≤0.01	P≤0.01

**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
New Zealand	2006	Applied	'Tana'

Prior sale nil.

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

**Details of Application**

<b>Application Number</b>	2007/300
<b>Variety Name</b>	'HYPERNO'
<b>Genus Species</b>	<i>Triticum turgidum</i> ssp <i>turgidum</i>
<b>Common Name</b>	Durum Wheat
<b>Synonym</b>	Nil
<b>Accepted Date</b>	12 Dec 2007
<b>Applicant</b>	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Gil Hollamby

**Details of Comparative Trial**

<b>Location</b>	Mintaro, South Australia.
<b>Descriptor</b>	Durum wheat ( <i>Triticum durum</i> ) TG/120/3.
<b>Period</b>	2007.
<b>Conditions</b>	The trial was grown in a black self mulching soil which had been pasture in 2006 and wheat in 2005. The area was sprayed with Roundup Power Max (1.2L/ha)+Goal CT(75ml/ha) on 24 May 2007 and direct drilled at 2-4cm in slightly moist conditions on 25 May at 200 plants/m <sup>2</sup> and with 90kg/ha DAP and 80kg/ha Urea. During the winter months moisture was adequate and the trial grew well. In crop weeds were controlled with 2,4-D amine 625(1.5l/ha) on 6 Sep. Spring was dry and some moisture stress occurred. Harvest took place on 11 Dec about two weeks earlier than normal. There were no diseases of note. A similar trial was planted at Roseworthy.
<b>Trial Design</b>	Randomised Block Design of 3 blocks and 20 entries consisting of comparators and potential candidates. Sown in 12 ranges of 5 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approx. 1000 plants per plot.
<b>Measurements</b>	Heading times were recorded on the same trial planted at Roseworthy 2007, but this trial later was abandoned due to a heavy infestation of Crown Rot. All other measurements and observations were recorded on plant samples taken from the Mintaro trial. At anthesis 5 primary tillers were sampled from each plot in each replicate and flag leaf measurements made. Glaucoity and leaf angle was observed at this time. After maturity plant heights to the top of the awns were recorded at 10 random locations in replicate 2 and 3 only. Twenty heads were also sampled at random from each plot in replicates 2 and 3 for head descriptions and measurements. Measurements were performed on 10 intact heads. Statistical analyses were completed using GENSTAT software. Quality data (semolina colour) are from independent tests performed on grain from field trials in SA and NSW over 3 years (6 tests in all). A paired t test was used to determine significance.

**RHS Chart - edition**



### **Origin and Breeding**

The maternal parent was a breeder's line derived from the complex cross: 'Lingzhi' 'Baimong' 'Baidamai'/2\*'Yallaroi'//RH88009///'Wollaroi' (Derived from the same cross as 'Kalka') and the paternal parent 'Tamaroi'. The cross was completed in 1994 with the F<sub>1</sub> grown as a row over summer in 1994/95 and the F<sub>2</sub> grown as a plot over winter of 1995. Single heads were selected from F<sub>2</sub> plants with individual head hills grown over the summer of 1995/96 at the University of Adelaide, Waite Campus. F<sub>4</sub> plots were grown over the winter of 1996 where F<sub>4</sub> derived F<sub>5</sub> heads were selected and grown over summer of 1996/97. The F<sub>5</sub> bulks were trialled for yield, disease resistance and quality in field plots at a number of sites from 1997 to 2002. A promising F<sub>5</sub> bulk designated (WLYY9Tm) 2/3/1. This line entered advanced trials in 2002 where it was designated the name WID22209. From 2003 to 2007 it was tested for yield, disease resistance and quality across the national trial network conducted by Australian Grain Technologies which enabled the evaluation of its performance in the major durum growing areas of Australia. In 2006, WID22209 entered the National Variety Trials. WID22209 has also been evaluated for a range of semolina and pasta quality traits. Breeder: Tony Rathjen, The University of Adelaide and Jason Reinheimer, Australian Grain Technologies.

**Choice of Comparators** Characteristics 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	distribution of awns	fully awned
Ear	glume colour	white
Plant	time of ear emergence	257 to 263 Julian days
Plant	height	>80 cm

### **Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Kalka'	Related variety.
'Tamaroi'	Grown in the expected area of adoption.
'EGA Bellaroi'	Grown in the expected area of adoption.

### **Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Yallaroi'	Plant height	95.0 cm	83.5 cm	LSD=3.1 (P=1%), significantly shorter.
'Wollaroi'	Plant time of ear emergence	259.2 Julian Days	255.7	LSD=2.7 (P=1%), significantly earlier.

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

Organ/Plant Part: Context	‘HYPERNO’	‘EGA Bellaroi’	‘Kalka’	‘Tamaroi’
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak to medium	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> *Flag leaf: glaucosity of blade	weak to medium	absent or very weak to weak	medium to strong	weak to medium
<input type="checkbox"/> Awn: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak	
<input type="checkbox"/> *Culm: glaucosity of neck	medium	medium	medium to strong	medium to strong
<input type="checkbox"/> *Ear: glaucosity	medium	medium to strong	medium	medium
<input type="checkbox"/> Ear: distribution of awns	whole length	whole length	whole length	whole length
<input checked="" type="checkbox"/> *Awns at tip of ear: length in relation to ear	shorter	longer	shorter	equal
<input type="checkbox"/> Lower glume: shape	elongated	elongated	elongated	elongated
<input checked="" type="checkbox"/> Lower glume: shape of shoulder	straight	elevated with 2nd beak present	straight	elevated with 2nd beak present
<input type="checkbox"/> Lower glume: shoulder width	narrow	narrow	very narrow	medium
<input checked="" type="checkbox"/> *Lower glume: length of beak	short	medium	short	medium to long
<input type="checkbox"/> Lower glume: shape of beak	slightly curved	slightly curved	slightly curved	slightly curved
<input type="checkbox"/> *Lower glume: hairiness on external surface	absent	absent	absent	absent
<input type="checkbox"/> *Straw: pith in cross section	thin	thin to medium	thin to medium	medium
<input checked="" type="checkbox"/> *Awn: colour	brown	whitish	whitish	black
<input checked="" type="checkbox"/> Ear: hairiness of margin of first rachis segment	strong		strong	absent or very weak
<input type="checkbox"/> *Ear: colour at maturity	white	white	white	white
<input type="checkbox"/> Ear: shape in profile view	parallel sided	parallel sided	tapering	parallel sided
<input type="checkbox"/> *Ear: density	medium to dense	medium	medium	medium
<input type="checkbox"/> Grain: shape	ovoid to semi-elongated	elongated	ovoid to semi-elongated	elongated
<input type="checkbox"/> Grain: length of brush hair in dorsal view	very short	short	short	very short
<input type="checkbox"/> *Grain: colouration with phenol	nil or very light	nil or very light	nil or very light	nil or very light
<input type="checkbox"/> *Season: type	spring type	spring type	spring type	spring type

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘HYPERNO’</b>	<b>‘EGA Bellaroi’</b>	<b>‘Kalka’</b>	<b>‘Tamaroi’</b>
<input checked="" type="checkbox"/> Roots: boron tolerance	intolerant		tolerant	
<input type="checkbox"/> Grain: black point tolerance	moderately tolerant			

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘HYPERNO’</b>	<b>‘EGA Bellaroi’</b>	<b>‘Kalka’</b>	<b>‘Tamaroi’</b>
<input checked="" type="checkbox"/> Flag leaf: length (mm)				
Mean	185.40	179.40	208.00	231.40
Std. Deviation	28.30	21.70	32.20	31.60
LSD/sig	31.5	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Flag leaf: width (mm)				
Mean	16.20	14.80	17.20	18.70
Std. Deviation	1.40	1.80	1.90	1.90
LSD/sig	1.7	ns	ns	ns
<input checked="" type="checkbox"/> Flag leaf: sheath length				
Mean	175.10	164.70	192.30	188.30
Std. Deviation	12.50	15.10	15.20	13.10
LSD/sig	14.3	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: height (cm)				
Mean	95.00	81.00	93.40	91.40
Std. Deviation	3.70	37.90	3.90	28.80
LSD/sig	3.1	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Ear: length (mm)				
Mean	86.20	71.90	91.10	86.70
Std. Deviation	5.10	6.80	6.30	3.00
LSD/sig	10.3	P≤0.01	ns	ns
<input type="checkbox"/> Ear: density (rachis internode)				
Mean	3.41	3.21	3.53	3.37
Std. Deviation	0.17	0.28	0.23	0.23
LSD/sig	0.31	ns	ns	ns
<input type="checkbox"/> Plant: time of ear emergence (Julian days)				
Mean	259.20		258.00	258.00
Std. Deviation	1.70		0.00	0.00
LSD/sig	2.7		ns	ns
<input type="checkbox"/> Grain: semolina colour (compared with ‘EGA Bellaroi’) (Minolta b*)				
Mean	27.50	26.30		
Std. Deviation	4.46	4.35		
LSD/sig	2.19	ns		
Method Used	paired t test			
<input checked="" type="checkbox"/> Grain: semolina colour (compared with ‘Kalka’) (Minolta b*)				
Mean	28.06		24.50	
Std. Deviation	5.00		5.00	
LSD/sig	3.25		P≤0.01	
Method Used	paired t test			

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2007/214
<b>Variety Name</b>	'Ohdrejumwhi'
<b>Genus Species</b>	<i>Bracteantha bracteata</i>
<b>Common Name</b>	Everlasting Daisy
<b>Synonym</b>	Jumbo White
<b>Accepted Date</b>	26 Sep 2007
<b>Applicant</b>	Bonza Botanicals Pty Limited, Winmalee, NSW
<b>Agent</b>	Oasis Horticulture Pty Limited, Winmalee, NSW
<b>Qualified Person</b>	Tim Angus

**Details of Comparative Trial**

<b>Overseas Testing</b>	Canada
<b>Authority</b>	
<b>Overseas Data</b>	05-4574
<b>Reference Number</b>	
<b>Location</b>	Overseas data was verified under local conditions in Winmalee, NSW, Australia.
<b>Descriptor</b>	Strawflower ( <i>Bracteantha</i> ) TG/205/1
<b>Period</b>	Dec 2006 to Apr 2007
<b>Conditions</b>	Trial conducted in outside commercial production area, rooted cuttings (propagated from stock plants grown at Winmalee) potted into 150mm standard pots in commercial potting mix, nutrients supplied by slow release and liquid feed fertilizer applications, plant protection treatments applied as necessary. No pinching or other plant shaping treatments were applied.
<b>Trial Design</b>	10 plants of the candidate variety were grown to confirm overseas test report data.
<b>Measurements</b>	Taken at random from 10 plants.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Controlled pollination: seed parent proprietary breeding line 02-7 x pollen parent variety 'OHB003970' in a planned breeding program. Seed parent is characterised by Foliage: height medium, Flower head: diameter large. Pollen parent is characterised by Involucre bract: colour yellow. Selection criteria: Plant: habit, Foliage: colour, Flower: habit, Flower: colour. Selection was done at Winmalee, NSW, Australia in 2003. Propagation: by vegetative tip cuttings, no off types occurred in at least three successive vegetative generations during the selection process and in numerous vegetative generations since selection. 'Ohdrejumwhi' will be commercially propagated by vegetative tip cuttings. 'Ohdrejumwhi' was selected from the progeny of this cross in Feb 2003 in a controlled environment in Winmalee, NSW, Australia. Asexual reproduction by terminal stem cuttings taken since Feb 2003 at Winmalee and other locations has shown the characteristics of 'Ohdrejumwhi' are stable and true to type over many generations. Breeder: Dr Andrew Bernuetz, Winmalee, NSW, 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	height of foliage	very short
Plant	density	dense to very dense
Leaf	length	short
Leaf	width	narrow to medium
Leaf	shape of apex	acute
Leaf	main colour of upper side	medium green
Leaf	hairiness of upper side	strong
Flower head	diameter	medium

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘OHB00-37.90’	pollen parent - morphologically very similar, except for the flower colour

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Redbrawhi’	Leaf	main colour upper side	medium green	yellow green
‘Redbrawhi’	Leaf	hairiness of upper side	strong	weak to absent
‘Redbrawhi’	Flower bud	colour	white	yellow
‘Dargan Hill Monarch’	Plant	height of foliage	very short	medium
‘Dargan Hill Monarch’	Flower head	predominant position above foliage	above to far above	slightly above to slightly below

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

Organ/Plant Part: Context	‘Ohdrejumwhi’	‘OHB00-37.90’
<input type="checkbox"/> *Plant: type	basal clusters	basal clusters
<input type="checkbox"/> Plant: growth habit (bushy plant types only)	semi-upright	spreading
<input type="checkbox"/> Plant: height including flowers	very short	very short to short
<input type="checkbox"/> Plant: height of foliage	very short	very short
<input type="checkbox"/> Plant: density	dense to very dense	very dense
<input type="checkbox"/> Stem: hairiness	medium	medium
<input type="checkbox"/> Leaf: length	short	short
<input type="checkbox"/> Leaf: width	narrow to medium	narrow to medium
<input type="checkbox"/> Leaf: position of broadest part	middle third	upper third
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: main colour of upper side	medium green	medium green

<input type="checkbox"/>	Leaf: hairiness of upper side	strong	strong
<input type="checkbox"/>	Leaf: hairiness of lower side	medium	strong
<input type="checkbox"/>	Leaf: undulation of margin	absent or weak	absent or weak
<input type="checkbox"/>	Flowering shoot: length	very short	very short to short
<input type="checkbox"/>	Flowering shoot: branching	absent or weak	absent or weak
<input type="checkbox"/>	Flower bud: profile of apex	rounded	rounded
<input checked="" type="checkbox"/>	Flower bud: main colour (RHS colour chart)	white 155A	yellow 6A
<input type="checkbox"/>	Flower head: diameter	medium	medium
<input type="checkbox"/>	Flower head: side view of lower part	flat	flat
<input type="checkbox"/>	Flower head: side view of upper part	flat	convex
<input type="checkbox"/>	*Involucre: number of colours	only one	only one
<input checked="" type="checkbox"/>	*Involucre: main colour	white	yellow
<input type="checkbox"/>	Bract: length	short to medium	short to medium
<input type="checkbox"/>	Bract: width	narrow	narrow
<input type="checkbox"/>	Bract: ratio length/width	three times as long as broad	three times as long as broad
<input checked="" type="checkbox"/>	Bract: main colour of lower third of bract from inner third of involucre (RHS colour chart)	white 155A	yellow 6A
<input checked="" type="checkbox"/>	Bract: main colour of middle third of bract from inner third of involucre (RHS colour chart)	white 155A	yellow 6A
<input checked="" type="checkbox"/>	Bract: main colour of upper third of bract from inner third of involucre (RHS colour chart)	white 155A	yellow 6A
<input checked="" type="checkbox"/>	Bract: main colour of lower third of bract from middle third of involucre (RHS colour chart)	white 155A	yellow 6A
<input checked="" type="checkbox"/>	Bract: main colour of middle third of bract from middle third of involucre (RHS colour chart)	white 155A	yellow 6A
<input checked="" type="checkbox"/>	Bract: main colour of upper third of bract from middle third of involucre (RHS colour chart)	white 155A	yellow 6A
<input checked="" type="checkbox"/>	Bract: main colour of lower third of bract from outer third of involucre (RHS colour chart)	white 155A	yellow 6A
<input checked="" type="checkbox"/>	Bract: main colour of middle third of bract from outer third of involucre (RHS colour chart)	white 155A	yellow 6A
<input checked="" type="checkbox"/>	Bract: main colour of upper third of bract from outer third of involucre (RHS colour chart)	white 155A	yellow 6A

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Ohdrejumwhi’</b>
<input type="checkbox"/> Pappus: colour	yellow orange

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Ohdrejumwhi’</b>
<input type="checkbox"/> Leaf: length (mm)	

Mean	135.10
Std. Deviation	12.95
<input type="checkbox"/> Leaf: width (mm)	
Mean	21.20
Std. Deviation	1.69
<input type="checkbox"/> Flower head: diameter (mm)	
Mean	44.90
Std. Deviation	1.76

#### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Canada	2005	Applied	'Ohdrejumwhi'
EU	2005	Applied	'Ohdrejumwhi'

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

Description: **Tim Angus**, Wellington, NZ

**Details of Application**

<b>Application Number</b>	2007/161
<b>Variety Name</b>	'Doza'
<b>Genus Species</b>	<i>Vicia faba</i>
<b>Common Name</b>	Field Bean
<b>Synonym</b>	Nil
<b>Accepted Date</b>	9 Jul 2007
<b>Applicant</b>	Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research and Development Corporation, Barton, ACT
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ross Downes

**Details of Comparative Trial**

<b>Location</b>	DPI Temora Research Station.
<b>Descriptor</b>	Broad Bean ( <i>Vicia faba</i> ) TG/206/1.
<b>Period</b>	Winter-spring 2007.
<b>Conditions</b>	Seed was sown in soil in plots 10m x 1m. Plants grew poorly before flowering because of drought conditions. Plots were watered after flowering. Two generations of 'Doza' were grown with comparators 'Cairo', 'Farah' and 'Fiesta'.
<b>Trial Design</b>	Randomised block, 4 replications, data processed from 3 replications only.
<b>Measurements</b>	Data were collected on 6 Sep, 9 Oct and 13 Nov 2007.
<b>RHS Chart - edition</b>	

**Origin and Breeding**

Single Plant Selection: 'Doza', synonym SP1040, originated as a single plant progeny selected in 2001, at the Australian Cotton Research Institute Narrabri, from an outcrossed population of 'SP98066'. This originated as a single plant progeny selected in 1998 from an outcrossed population of 'SP9558'. 'SP9558' was in turn selected from an outcrossed population based on the cross of 'Accession 383'/'Sudan Triple White' in 1995. The seedlot used for selection in 1995 was harvested from regional variety trial plots in 1994. These plots had been subject to outcrossing by bees. Selection during self pollination was for seed appearance and seed size. Populations were rogued to remove plants with white flowers or susceptible rust reactions. Open pollinated seed production in isolation commenced in 2006 in parallel with further self pollinated seed production. Breeder: Dr Ian Rose, NSW Department of Primary Industries, Narrabri, NSW.

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

<b>Organ/Plant Part</b>		<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth type		determinate
Wing	melanin spot		present
Dry seed	colour of testa		beige



**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Cairo'	
'Farah'	
'Fiesta'	

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

Organ/Plant Part: Context	'Doza'	'Cairo'	'Farah'	'Fiesta'
<input type="checkbox"/> *Plant: growth type	determinate	determinate	determinate	determinate
<input checked="" type="checkbox"/> *Plant: height	short	medium to tall	medium to tall	short
<input type="checkbox"/> *Plant: number of stems	few	very few to few	very few to few	very few
<input type="checkbox"/> Stem: number of nodes up to and including first flowering node	medium	medium	medium	medium
<input type="checkbox"/> Stem: anthocyanin colouration	absent	present	absent	present
<input type="checkbox"/> Foliage: greyish hue of green colour	absent	absent	absent	absent
<input type="checkbox"/> Foliage: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/> *Leaflet: length	medium	medium to long	medium to long	medium
<input type="checkbox"/> *Leaflet: width	medium	medium to broad	medium to broad	medium
<input type="checkbox"/> *Leaflet: position of maximum width	at middle	at middle	at middle	at middle
<input type="checkbox"/> Leaflet: folding	medium	medium	medium	medium
<input type="checkbox"/> *Raceme: number of flowers	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Time of: flowering	very early to early	early to medium	early to medium	early
<input type="checkbox"/> Flower: length	medium	medium to long	medium to long	medium to long
<input type="checkbox"/> *Wing: melanin spot	present	present	present	present
<input type="checkbox"/> *Wing: colour of melanin spot	brown	brown	brown	brown
<input type="checkbox"/> Standard: melanin spot	absent	absent	absent	absent
<input type="checkbox"/> *Standard: anthocyanin colouration	present	present	present	present
<input type="checkbox"/> Standard: extent of anthocyanin colouration	small	small	small	small
<input type="checkbox"/> Truss: number of pods	few	few	very few	medium
<input type="checkbox"/> *Pod: attitude	semi-erect	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> *Pod: length	medium	medium to long	medium to long	medium
<input type="checkbox"/> *Pod: width	narrow to medium	medium	medium	narrow to medium
<input type="checkbox"/> Pod: degree of curvature at green shell stage	weak	weak	weak	weak

<input type="checkbox"/>	Pod: intensity of green colour	medium	medium	medium	medium
<input type="checkbox"/>	Pod: number of ovules	few	few	few	few
<input type="checkbox"/>	Pod: thickness of pod wall	medium	medium	medium	medium
<input type="checkbox"/>	Dry seed: shape of median longitudinal section	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/>	Dry seed: shape of cross section	elliptic	elliptic	elliptic	elliptic
<input checked="" type="checkbox"/>	*Dry seed: weight	low	medium	high	high
<input type="checkbox"/>	*Dry seed: colour of testa	beige	beige	beige	beige
<input type="checkbox"/>	Dry seed: black pigmentation of hilum	present	present	present	present
<input checked="" type="checkbox"/>	Time of: full development of pod	early	medium	medium	medium

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Doza’</b>	<b>‘Cairo’</b>	<b>‘Farah’</b>	<b>‘Fiesta’</b>
<input checked="" type="checkbox"/> Dry seed: weight (g)/100 seeds				
Mean	52.0	61.6	71.2	71.4
Std Deviation	0.8	3.6	1.7	6.0
LSD/sig 7.9 (.01)	7.9	P≤0.01	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Nil.

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

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**Details of Application**

<b>Application Number</b>	2006/026
<b>Variety Name</b>	'Bundi'
<b>Genus Species</b>	<i>Pisum sativum</i>
<b>Common Name</b>	Field Pea
<b>Synonym</b>	Nil
<b>Accepted Date</b>	24 Mar 2006
<b>Applicant</b>	Agriculture Victoria Services Pty Ltd, Atwood, VIC and Grains Research and Development Corporation, Barton, ACT
<b>Agent</b>	N/A
<b>Qualified Person</b>	Antonio Leonforte

**Details of Comparative Trial**

<b>Location</b>	Horsham, VIC
<b>Descriptor</b>	Pea ( <i>Pisum sativum</i> ) TG/7/9
<b>Period</b>	2007
<b>Conditions</b>	Winter sown; lower than average rainfall year.
<b>Trial Design</b>	Randomised complete block design.
<b>Measurements</b>	Plant height at flowering (mm) and time to flowering (days).
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Controlled pollination: 'Bundi' is derived from a cross made in 1989 (89-036) between breeding lines PS772 and PS770. 'Bundi' was developed following a pedigree selection program. Single plant selections were taken from the F<sub>2</sub> population (89-036-9) and again from an F<sub>2</sub> derived F<sub>6</sub> population (89-036\*9-8). 'Bundi' was primarily selected on the basis of high yield potential, particularly for the medium to lower rainfall regions. 'Bundi' was selected as an early flowering and maturing line with excellent pod shatter resistance at maturity and a semi-erect plant habit. 'Bundi' was also selected with high resistance to downy mildew. 'Bundi' produces medium to large spherical white seed with a yellow cotyledon which is suitable for both human consumption and stockfeed markets. Breeder: Tony Lenoforte, Department of Primary Industry, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	leaflets	absent
Seed	anthocyanin	absent
Seed	cotyledon	yellow
Pod	parchment layer	partially absent

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Moonlight'	Semi-dwarf, semi-leafless, white seeded, reduced pod parchment, mid season flowering time.

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Excell'	Seed	cotyledon colour	yellow	green
'Snowpeak'	Pod	parchment layer	present	partially absent
'Sturt'	Leaflets	absence	absent	present
'Kaspa'	Plant	anthocyanin	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	'Bundi'	'Moonlight'
<input type="checkbox"/> Seed: shape	spherical	spherical
<input type="checkbox"/> *Seed: shape of starch grain	simple	simple
<input type="checkbox"/> *Seed: colour of cotyledon	yellow	yellow
<input type="checkbox"/> *Seed: marbling of testa (varieties with anthocyanin only)	absent	absent
<input type="checkbox"/> *Seed: violet or pink spots on testa (varieties with anthocyanin only)	absent	absent
<input type="checkbox"/> *Seed: black colour of hilum	absent	absent
<input type="checkbox"/> Seed: dimpled cotyledons (varieties with unwrinkled seed and simple starch grains only)	absent	absent
<input type="checkbox"/> *Plant: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> Plant: height	short to medium	tall
<input type="checkbox"/> Stem: fasciation	absent	absent
<input checked="" type="checkbox"/> *Stem: length	short to medium	long
<input checked="" type="checkbox"/> Stem: number of nodes up to and including first fertile node	few to medium	many
<input type="checkbox"/> Stem: anthocyanin colouration of axil (varieties with anthocyanin only)	absent	absent
<input type="checkbox"/> *Foliage: colour	green	green
<input type="checkbox"/> Foliage: intensity of colour (excluding yellow-green and blue-green varieties)	medium	medium
<input type="checkbox"/> *Leaf: leaflets	absent	absent
<input type="checkbox"/> Leaf: waxiness of surface of upper leaflet	present	present
<input type="checkbox"/> *Stipule: type of development	well developed	well developed
<input type="checkbox"/> Stipule: 'rabbit-eared stipules'	absent	absent
<input type="checkbox"/> Stipule: waxiness of surface of upper stipule	present	present
<input type="checkbox"/> Stipule: length	medium	medium
<input type="checkbox"/> Stipule: width	medium	medium
<input type="checkbox"/> *Stipule: flecking	present	present
<input type="checkbox"/> Stipule: maximum density of flecking	sparse	sparse
<input type="checkbox"/> Petiole: length (varieties without leaflets only)	medium	medium
<input type="checkbox"/> *Time of: flowering	early	medium

<input type="checkbox"/> *Plant: maximum number of flowers per node (non-fasciated varieties only)	two	two
<input type="checkbox"/> Flower: colour of standard (varieties without anthocyanin only)	white	white
<input type="checkbox"/> Flower: maximum width of standard	medium	medium
<input type="checkbox"/> Flower: shape of base of standard	level	level
<input type="checkbox"/> Flower: intensity of undulation of standard	medium	medium
<input type="checkbox"/> Flower: width of sepal	medium	medium
<input type="checkbox"/> Flower: shape of apex of upper sepal	acuminate	acuminate
<input type="checkbox"/> Flower: length of peduncle from stem to first flower	medium	medium
<input type="checkbox"/> *Pod: length	medium to long	medium
<input type="checkbox"/> *Pod: maximum width	medium	medium
<input type="checkbox"/> Pod: parchment	partially absent	partially absent
<input type="checkbox"/> Pod: thickened wall (varieties with no or partial parchment only)	absent	absent
<input type="checkbox"/> *Pod: degree of curvature	weak	weak
<input type="checkbox"/> *Pod: type of curvature	concave	concave
<input type="checkbox"/> *Pod: shape of distal part (varieties without thickened pod wall only)	blunt	blunt
<input type="checkbox"/> *Pod: colour	green	green
<input type="checkbox"/> Pod: intensity of green colour	medium	medium
<input type="checkbox"/> Pod: strings of suture (varieties with no or partial parchment only)	absent or rudimentary	absent or rudimentary
<input type="checkbox"/> Pod: anthocyanin colouration of suture (varieties with anthocyanin only)	absent	absent
<input type="checkbox"/> Pod: spots of anthocyanin colouration on outer wall (varieties with anthocyanin only)	absent	absent
<input type="checkbox"/> *Pod: number of ovules	medium to many	few to medium
<input type="checkbox"/> Pod: intensity of green colour of immature seed	medium	medium
<input type="checkbox"/> Seed: time of maturity	early	medium
<input type="checkbox"/> Seed: wrinkling of cotyledon	absent	absent
<input type="checkbox"/> *Seed: weight	medium to large	large to very large
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. pisi race 1	present	
<input type="checkbox"/> Resistance to: <i>Erysiphe pisi</i> Syd.	absent	absent
<input type="checkbox"/> Resistance to: seed-borne mosaic virus (SbmV), strain P1	absent	absent

### Statistical Table

Organ/Plant Part: Context	‘Bundi’	‘Moonlight’
<input checked="" type="checkbox"/> Plant height: height at flowering (mm)		
Mean	467.00	548.00
Std. Deviation	36.00	66.00
LSD/sig	22.0	P≤0.01

☑ Flower: flowering time (days)

Mean	120.00	127.00
Std. Deviation	1.50	1.50
LSD/sig	2.0	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Tony Lenoforte**, Victorian Institute for Dryland Agriculture, Horsham, VIC.

**Details of Application**

<b>Application Number</b>	2007/097
<b>Variety Name</b>	'TAS300'
<b>Genus Species</b>	<i>Dianella tasmanica</i>
<b>Common Name</b>	Flax lily
<b>Synonym</b>	Nil
<b>Accepted Date</b>	26 Apr 2007
<b>Applicant</b>	Wyeena Nurseries Pty Ltd, Smiths Gully, VIC
<b>Agent</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Clarendon, NSW.
<b>Descriptor</b>	Dianella ( <i>Dianella</i> ) PBR DIAN
<b>Period</b>	Autumn 2007 - spring 2007.
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Seedling selection: seed parent *D. tasmanica*. The seed parent is characterised by an absence of leaf blade variegation. Selection took place in Wyeena Nurseries Pty Ltd, Smiths Gully, VIC in 1998. Selection criteria: presence of variegation, stable reproduction. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeder: Kahn Franke, Wyeena Nurseries Pty Ltd, Smiths Gully, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf blade	presence of variegation	present
Leaf blade	glaucosity of upper side	medium to strong

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
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'TAS100'

*D. tasmanica* variegated common form

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>
'Splice'	Leaf blade glaucosity of upper side	medium-strong	absent or very weak
'Rainbow'	Leaf blade glaucosity of upper side	medium-strong	weak-medium
'Rainbow'	Leaf blade width	medium-broad	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	‘TAS300’	<i>D. tasmanica</i> variegated common form	‘TAS100’
<input type="checkbox"/> Plant: growth habit	semi-erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> Plant: height	medium to tall	medium	short to medium
<input checked="" type="checkbox"/> Plant: density of shoots	sparse to medium	sparse	medium
<input type="checkbox"/> Stem: length of internodes	very short	very short	very short
<input type="checkbox"/> Leaf: attitude	semi-erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> Leaf: arching	weak	medium	medium
<input type="checkbox"/> Leaf: width	medium	medium	medium
<input type="checkbox"/> Leaf: glaucosity of upper side	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> Leaf: colour of upper side (waxiness removed) (RHS colour chart)	147A	147A	147A
<input checked="" type="checkbox"/> Leaf: colour of lower side (waxiness removed) (RHS colour chart)	191A	191A	147B
<input type="checkbox"/> Leaf: variegation	present	present	present
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (variegated leaves only) (RHS colour chart)	12D	12D	11D
<input type="checkbox"/> Leaf: shape of blade	linear	linear	linear
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf: cross-section	concave	concave	concave
<input type="checkbox"/> Leaf: spines on margin	present	present	present
<input type="checkbox"/> Leaf: prominence of spines on margin	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Leaf: spines on lower side of midrib	present	present	present
<input type="checkbox"/> Leaf: prominence of spines on lower side of midrib	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Basal leaf sheath: anthocyanin colouration (in summer)	red-purple	red-purple	red-purple
<input type="checkbox"/> Basal leaf sheath: intensity of anthocyanin colouration	strong	strong	strong

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	‘TAS300’	<i>D. tasmanica</i> variegated common form	‘TAS100’
<input checked="" type="checkbox"/> Leaf blade: degree of variegation	small	small	medium

**Statistical Table**



Organ/Plant Part: Context	‘TAS300’	<i>D. tasmanica</i> variegated common form	‘TAS100’
<input checked="" type="checkbox"/> Plant: height (mm)			
Mean	357.50	267.00	246.50
Std. Deviation	52.90	51.90	54.60
LSD/sig	60.62	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	24.76	26.12	28.52
Std. Deviation	2.00	3.30	2.50
LSd/sig	3.04	ns	P≤0.01

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2007/021
<b>Variety Name</b>	'TAS100'
<b>Genus Species</b>	<i>Dianella tasmanica</i>
<b>Common Name</b>	Flax lily
<b>Synonym</b>	Nil
<b>Accepted Date</b>	5 Feb 2007
<b>Applicant</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Clarendon, NSW.
<b>Descriptor</b>	Dianella ( <i>Dianella</i> ) PBR DIAN
<b>Period</b>	Autumn 2007 - spring 2007.
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Seedling selection: seed parent *D. tasmanica* variegated form. The seed parent is characterised by a variegated leaf blade with medium prominence and an unstable expression of this trait during propagation. Selection took place in Clarendon, NSW in 2005. Selection criteria: stable reproduction, enhanced variegation prominence and compact plant growth habit. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	semi-erect
Leaf blade	presence of variegation	present
Leaf blade	glaucosity of upper side	medium to strong

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'TAS300'	
<i>D. tasmanica</i> variegated common form	parent of candidate

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Splice’	Leaf blade	glaucosity of upper side	medium-strong	absent or very weak
‘Splice’	Leaf	attitude	semi-erect	erect to semi-erect
‘Splice’	Leaf blade	secondary colour of upper side (RHS)	11D	N144A
‘Rainbow’	Leaf blade	glaucosity of upper side	medium-strong	weak-medium
‘Rainbow’	Leaf	attitude	semi-erect	erect to semi-erect
‘Rainbow’	Leaf blade	width	medium-broad	narrow-medium
<i>D. tasmanica</i> common from from South Australia	Leaf	attitude	semi-erect	erect to semi-erect
<i>D. tasmanica</i> common from from South Australia	Leaf blade	width	medium-broad	narrow-medium
<i>D. tasmanica</i> common from from South Australia	Leaf blade	degree of variegation	weak	strong
<i>D. tasmanica</i> common from from South Australia	Basal leaf sheath	intensity of anthocyanin coloration	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	‘TAS100’	<i>D. tasmanica</i> variegated common form	‘TAS300’
<input type="checkbox"/> Plant: growth habit	semi-erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> Plant: height	short to medium	medium	medium to tall
<input checked="" type="checkbox"/> Plant: density of shoots	medium	sparse	sparse to medium
<input type="checkbox"/> Stem: length of internodes	very short	very short	very short
<input type="checkbox"/> Leaf: attitude	semi-erect	semi-erect	semi-erect
<input checked="" type="checkbox"/> Leaf: arching	medium	medium	weak
<input type="checkbox"/> Leaf: width	medium	medium	medium
<input type="checkbox"/> Leaf: glaucosity of upper side	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> Leaf: colour of upper side (waxiness removed) (RHS colour chart)	147A	147A	147A
<input checked="" type="checkbox"/> Leaf: colour of lower side (waxiness removed) (RHS colour chart)	147B	191A	191A
<input type="checkbox"/> Leaf: variegation	present	present	present
<input checked="" type="checkbox"/> Leaf: secondary colour of	11D	12D	12D

upper side (variegated leaves only) (RHS colour chart)			
<input type="checkbox"/> Leaf: shape of blade	linear	linear	linear
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf: cross-section	concave	concave	concave
<input type="checkbox"/> Leaf: spines on margin	present	present	present
<input type="checkbox"/> Leaf: prominence of spines on margin	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Leaf: spines on lower side of midrib	present	present	present
<input type="checkbox"/> Leaf: prominence of spines on lower side of midrib	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Basal leaf sheath: anthocyanin colouration (in summer)	red-purple	red-purple	red-purple
<input type="checkbox"/> Basal leaf sheath: intensity of anthocyanin colouration	strong	strong	strong

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘TAS100’</b>	<b><i>D. tasmanica</i> variegated common form</b>	<b>‘TAS300’</b>
<input checked="" type="checkbox"/> Leaf blade: degree of variegation	medium	small	small

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘TAS100’</b>	<b><i>D. tasmanica</i> variegated common form</b>	<b>‘TAS300’</b>
<input checked="" type="checkbox"/> Plant: height (mm)			
Mean	246.50	267.00	357.50
Std. Deviation	54.60	51.90	52.90
LSD/sig	60.62	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)			
Mean	28.52	26.12	24.76
Std. Deviation	2.50	3.30	2.00
LSD/sig	3.04	ns	P≤0.01

### **Prior Applications and Sales**

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

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

**Details of Application**

<b>Application Number</b>	2006/218
<b>Variety Name</b>	'Blood Orange'
<b>Genus Species</b>	<i>Grevillea</i> hybrid
<b>Common Name</b>	Grevillea
<b>Synonym</b>	Nil
<b>Accepted Date</b>	5 Oct 2006
<b>Applicant</b>	Christopher John Hughes, Federal, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Federal, NSW.
<b>Descriptor</b>	Grevillea ( <i>Grevillea</i> ) PBR GREV
<b>Period</b>	Summer 2007 - winter 2007.
<b>Conditions</b>	Trial conducted with mature plants in ground, plants originally propagated by cuttings, potted to 200mm containers filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Ten plants of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Open pollination: 'Honey Gem'. The parent is characterised by a predominantly orange inflorescence colour. Selection took place in Federal, NSW. Selection criteria: colour of inflorescence. Propagation: vegetative cuttings were found to be uniform and stable. Breeders: Christopher Hughes, Federal, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	division of blade	all leaves on plant divided
Leaf	degree of division	first order
Leaf	depth of division of blade	greater than two thirds of way to midrib

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Honey Gem'	parent variety with same foliage type
'Bird Song'	similar foliage type

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

<b>Organ/Plant Part: Context</b>	<b>'Blood Orange'</b>	<b>'Bird Song'</b>	<b>'Honey Gem'</b>
<input checked="" type="checkbox"/> Plant: growth habit	upright	bushy	upright
<input type="checkbox"/> Plant: attitude of branches	erect to semi-erect	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Plant: height	medium (1-3m)	medium (1-3m)	tall (> 3m)
<input type="checkbox"/> Plant: density (assessment of foliage at flowering)	medium	medium to dense	medium
<input checked="" type="checkbox"/> Young stem: colour	greyed orange	greyed orange	brown
<input checked="" type="checkbox"/> Stem: colour	brown	greyed orange	brown
<input type="checkbox"/> Stem: hairiness	medium to strong	medium to strong	strong
<input type="checkbox"/> Petiole: length	short to medium	short to medium	medium
<input type="checkbox"/> Leaf: length	very long (> 20cm)	long (15-20cm)	very long (> 20cm)
<input type="checkbox"/> Leaf: width at widest point	very broad (> 20cm)	very broad (> 20cm)	very broad (> 20cm)
<input type="checkbox"/> Leaf: attitude to stem	semi-erect	semi-erect to horizontal	semi-erect
<input type="checkbox"/> Leaf: curvature of margin	flat or slightly recurved, under surface on either side of the mid-vein wholly exposed	flat or slightly recurved, under surface on either side of the mid-vein wholly exposed	flat or slightly recurved, under surface on either side of the mid-vein wholly exposed
<input type="checkbox"/> Leaf: colour of upper side (including hairs)	dark green	dark green	dark green
<input type="checkbox"/> Leaf: degree of hairiness on upper side	very weak	very weak	very weak
<input type="checkbox"/> Leaf: degree of hairiness on lower side	medium	medium	weak to medium
<input type="checkbox"/> Leaf: colour of hairiness on lower side	white	white	white
<input type="checkbox"/> Leaf: undulation of margin	weak	weak	weak
<input type="checkbox"/> Leaf: division of blade	some or all leaves on plant divided	some or all leaves on plant divided	some or all leaves on plant divided
<input type="checkbox"/> Leaf: degree of division of blade (varieties with division of blade present only)	first order	first order	first order
<input type="checkbox"/> Leaf: depth of division of blade (varieties with division of blade present only)	sinus greater than two thirds of way to midrib	sinus greater than two thirds of way to midrib	sinus greater than two thirds of way to midrib
<input type="checkbox"/> Leaf: number of lobes (varieties with division of blade present only)	many (> 20)	many (> 20)	many (> 20)
<input type="checkbox"/> Leaf: regularity of lobing (varieties with division of blade present only)	regular	regular	regular
<input type="checkbox"/> Leaf: attitude of longitudinal axis of	semi-erect	semi-erect	semi-erect

lobes to longitudinal axis of midrib  
(varieties with division of blade present only)

<input type="checkbox"/> Leaf: attitude of longitudinal axis of lobes to one another on same side of leaf (varieties with division of blade present only)	parallel	parallel	parallel
<input type="checkbox"/> Leaf: shape of apex of sinus (varieties with division of blade present only)	pointed	pointed	pointed
<input type="checkbox"/> Lobe: width (varieties with division of blade present only)	narrow	narrow	narrow
<input type="checkbox"/> Lobe: shape of apex of ultimate lobe (varieties with division of blade present only)	pointed	pointed	pointed
<input type="checkbox"/> Flowering branch: position of inflorescence	both terminal and axillary	both terminal and axillary	both terminal and axillary
<input type="checkbox"/> Inflorescence: length	medium to long	medium	medium to long
<input type="checkbox"/> Inflorescence: width	medium	medium	medium
<input checked="" type="checkbox"/> Inflorescence: predominant colour	pink	orange	orange
<input type="checkbox"/> Inflorescence: density of florets	dense	dense	dense
<input checked="" type="checkbox"/> Inflorescence: number of flowers	many to very many	many	many to very many
<input checked="" type="checkbox"/> Inflorescence: attitude	semi-erect to horizontal	semi-erect	semi-erect
<input type="checkbox"/> Inflorescence: form	cylindrical	cylindrical	cylindrical
<input type="checkbox"/> Inflorescence: branching	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Inflorescence: sequence of opening of the flowers	centripetal	centripetal	centripetal
<input type="checkbox"/> Rachis: length	medium to long	medium	medium to long
<input type="checkbox"/> Bud: colour of perianth	green	green	green
<input checked="" type="checkbox"/> Bud: colour of limb	green	orange	yellow
<input type="checkbox"/> Bud: attitude of limb in relation to longitudinal axis of bud (late bud prior to anthesis)	drooping	drooping	drooping
<input type="checkbox"/> Flower: attitude of pedicel in relation to rachis	leaning away from inflorescence peduncle	leaning away from inflorescence peduncle	leaning away from inflorescence peduncle
<input checked="" type="checkbox"/> Flower: length of pedicel	short	very short to short	short to medium
<input checked="" type="checkbox"/> Perianth: colour	pink	orange	orange
<input type="checkbox"/> Perianth: degree of hairiness (outside of perianth including limb)	medium	weak to medium	medium
<input type="checkbox"/> Perianth: colour of hairs	white	white	white
<input type="checkbox"/> Perianth: length	short to medium	medium	medium

<input type="checkbox"/>	Perianth: width	medium	medium	medium
<input type="checkbox"/>	Perianth: ratio length/width	medium	medium	medium
<input type="checkbox"/>	Perianth: coherence of tepals on dorsal side	less than one third	less than one third	less than one third
<input type="checkbox"/>	Perianth: coherence of tepals on ventral side	less than one third	less than one third	less than one third
<input type="checkbox"/>	Tepal: flanging at margin	weak	weak	weak
<input checked="" type="checkbox"/>	Nectary: colour	yellow	white	yellow
<input type="checkbox"/>	Ovary: colour	white	white	white
<input type="checkbox"/>	Ovary: hairiness	strong	strong	strong
<input checked="" type="checkbox"/>	Style: colour	red	orange	orange
<input type="checkbox"/>	Style: curvature (after anthesis before dehiscence of perianth)	gently curved	gently curved	gently curved
<input type="checkbox"/>	Style: position of curve	top half	top half	top half
<input type="checkbox"/>	Style: hairiness	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Pistil: length	long	long	long
<input type="checkbox"/>	Pistil: length in relation to length of perianth	much longer	much longer	much longer
<input type="checkbox"/>	Stigma: colour	yellow	yellow	yellow
<input type="checkbox"/>	Pollen presenter: attitude to style	lateral	lateral	lateral
<input type="checkbox"/>	Pollen presenter: colour	yellow	yellow	yellow
<input type="checkbox"/>	Pollen presenter: shape	cone	cone	cone
<input type="checkbox"/>	Pollen: colour	yellow	yellow	yellow

### **Prior Applications and Sales**

No prior applications. First sold in Australia in Jun 2006 under the name Grevillea 'Blood Orange'.

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



**Details of Application**

<b>Application Number</b>	2003/375
<b>Variety Name</b>	'Black Kat'
<b>Genus Species</b>	<i>Prunus</i> hybrid
<b>Common Name</b>	Interspecific Plum
<b>Synonym</b>	Nil
<b>Accepted Date</b>	5 May 2004
<b>Applicant</b>	Zaiger's Inc. Genetics, Modesto, CA, USA
<b>Agent</b>	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC
<b>Qualified Person</b>	Lisa Corcoran

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	US Patent and Trademark Office
<b>Overseas Data Reference Number</b>	U.S PP 13,134
<b>Descriptor</b>	Japanese Plum ( <i>Prunus salicina</i> ) TG/84/3
<b>Conditions</b>	Where possible the US plant patent data was verified under local conditions in Yellingbo, Victoria. The US Plant Patent data was converted into the standard UPOV descriptors.

**Origin and Breeding**

Cross pollination: the present new and distinct interspecific plum was developed by Zaiger Inc Genetics at their experimental orchard at Modesto, California, as a first generation cross between two seedlings with field identification numbers 73ED135 and 72GC211. A large number of these first generation crosses were planted and maintained on their own roots. In 1994 the present variety was observed to have desirable fruiting characteristics and was selected for asexual propagation and commercialisation. Breeder: Zaiger Inc Genetics, Modesto, 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
Fruit	flesh colour	yellow
Fruit	skin colour	blue to black

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Flavorich'	Matures approximately 10-12 days later than 'Black Kat'. The fruit of 'Black Kat' is more round than that of 'Flavorich'.

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Angelino'	Fruit skin colour	blue to black	red

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

Organ/Plant Part: Context	'Black Kat'	'Flavorich'
<input type="checkbox"/> Tree: vigour	strong	strong

<input type="checkbox"/>	Tree: density of the head	medium	medium
<input type="checkbox"/>	One year old shoot: intensity of colour	light	
<input type="checkbox"/>	*Leaf blade: shape	broad obovate	broad obovate
<input type="checkbox"/>	*Leaf blade: angle of the tip	pointed	pointed
<input type="checkbox"/>	Leaf blade: green colour of upper side	medium to dark	medium to dark
<input type="checkbox"/>	Leaf blade: incisions of margin	serrate	serrate
<input type="checkbox"/>	*Petiole: length	medium	medium
<input type="checkbox"/>	Leaf: position of glands	on both leaf base and petiole	on both leaf base and petiole
<input checked="" type="checkbox"/>	Flowers: size	small	medium
<input type="checkbox"/>	Petal: size	medium	medium
<input type="checkbox"/>	*Petal: shape	obovate	
<input type="checkbox"/>	Petal: undulation of margin	weak	
<input type="checkbox"/>	Stigma: position as compared with anthers	same level to above	
<input type="checkbox"/>	*Fruit: size	large	large
<input type="checkbox"/>	*Fruit: general shape	rounded-flattened	rounded-flattened
<input checked="" type="checkbox"/>	*Fruit: ground colour of skin	dark blue	violet blue
<input type="checkbox"/>	*Fruit: colour of flesh	yellow	yellow
<input type="checkbox"/>	Fruit: firmness of flesh	firm	firm
<input checked="" type="checkbox"/>	*Fruit: degree of adherence of stone to flesh	semi-adherent	fully adherent
<input checked="" type="checkbox"/>	*Stone: size	small	medium
<input type="checkbox"/>	*Stone: general shape in profile	round-elliptical	round-elliptical
<input type="checkbox"/>	*Time of: flowering	medium	medium
<input checked="" type="checkbox"/>	*Time of: ripening	late to very late	very late <sup>1</sup>

<sup>1</sup>matures approximately 10-12 days later than 'Black Kat'

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Chile	2005	Granted	'Black Kat'
USA	2001	Granted	'Black Kat'

First sold in the USA in Oct 2002.

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

**Details of Application**

<b>Application Number</b>	2006/012
<b>Variety Name</b>	'Regal Velvet'
<b>Genus Species</b>	<i>Anigozanthos</i> hybrid
<b>Common Name</b>	Kangaroo Paw
<b>Synonym</b>	Nil
<b>Accepted Date</b>	22 Feb 2006
<b>Applicant</b>	George A Lullfitz, Wanneroo, WA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Macmasters Beach, NSW.
<b>Descriptor</b>	Kangaroo Paw ( <i>Anigozanthos</i> ) TG/175/3.
<b>Period</b>	Autumn 2007 to spring 2007.
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Controlled pollination: seed parent *Anigozanthos manglesii* × pollen parent *A. flavidus*. The seed parent is characterised by a short-medium plant height, large flower size and flower colour consisting of green perianth tube with red ovary. The pollen parent is characterised by a tall plant height, medium flower size and flower colour predominantly greenish to red. Selection took place in Wanneroo, WA in 2003. Selection criteria: strong plant growth habit, attractive flower colour. Propagation: vegetative by micropropagation is found to be uniform and stable. Breeder: Keith Oliver, Hammersley, WA.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Perianth tube	predominant colour	green
Ovary	colour of hairs	red
Flower	predominant colour	green and red

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Bush Games'	

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>
'Big Red'	Plant height	medium	tall
'Big Red'	Perianth tube predominant colour	green	greyed-purple
'Big Red'	Flower predominant colour	green and red	red

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

<b>Organ/Plant Part: Context</b>	<b>‘Regal Velvet’</b>	<b>‘Bush Games’</b>
<input checked="" type="checkbox"/> *Plant: height	medium	short
<input checked="" type="checkbox"/> Plant: number of inflorescences	medium	few
<input type="checkbox"/> Leaf: length	medium	short to medium
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> *Leaf: attitude	semi-erect	semi-erect
<input checked="" type="checkbox"/> Leaf: degree of curvature	straight	slightly curved
<input type="checkbox"/> Leaf: colour	green	green
<input type="checkbox"/> Leaf: glaucosity	very weak	very weak
<input type="checkbox"/> Leaf: degree of hairiness of margin	weakly expressed	absent or very weakly expressed
<input checked="" type="checkbox"/> *Inflorescence: ramification	present	absent
<input checked="" type="checkbox"/> Inflorescence: degree of ramification	tertiary	absent
<input checked="" type="checkbox"/> Inflorescence: length of lowest lateral	medium	
<input checked="" type="checkbox"/> Inflorescence: number of flowers	medium to many	few
<input type="checkbox"/> Pedicel: colour of hairs (RHS colour chart)	53A	53A
<input checked="" type="checkbox"/> Perianth tube: length	short	long
<input checked="" type="checkbox"/> Perianth tube: width	narrow	medium to broad
<input checked="" type="checkbox"/> Perianth tube: profile	flared distally	broadening evenly
<input type="checkbox"/> *Perianth tube: predominant colour	green	green
<input type="checkbox"/> Perianth tube: number of colours of hair	one	one
<input type="checkbox"/> Perianth tube: colour of tip of hairs (RHS colour chart)	187A	187A
<input type="checkbox"/> Perianth tube: colour of middle third of hairs (RHS colour chart)	187A	187A
<input type="checkbox"/> Perianth lobe: length of longest	medium	medium
<input type="checkbox"/> *Perianth lobes: reflexing	strong	strong
<input checked="" type="checkbox"/> Flower: number of anthers at top of perianth	six	four
<input type="checkbox"/> Ovary: colour of hairs (RHS colour chart)	53A	53A
<input type="checkbox"/> Flower: position of stigma in relation to anthers	above	above
<input checked="" type="checkbox"/> Time of: beginning of flowering	medium	early

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Regal Velvet’</b>	<b>‘Bush Games’</b>
<input type="checkbox"/> Flower: number of colour	two	two
<input type="checkbox"/> Flower: predominant colour	green and red	green and red

**Prior Applications and Sales**

Prior applications nil. First sold in Australia in Jun 2005 as ‘Regal Velvet’

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

**Details of Application**

<b>Application Number</b>	2005/288
<b>Variety Name</b>	'DOW10'
<b>Genus Species</b>	<i>Tristaniopsis laurina</i>
<b>Common Name</b>	Kanooka
<b>Synonym</b>	Nil
<b>Accepted Date</b>	24 Oct 2005
<b>Applicant</b>	Downes Wholesale Nursery Pty Ltd, Rossmore, NSW
<b>Agent</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Theresa Park, NSW.
<b>Descriptor</b>	Lilly Pilly ( <i>Acmena smithii</i> /Syzygium sp) PBR LILL.
<b>Period</b>	Summer – Autumn 2007.
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 45L bags filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Seedling selection: seed parent *Tristaniopsis laurina*. The seed parent is characterised by a narrow leaf width, oblanceolate to lanceolate leaf shape and a dark brown bark colour on mature stems prior to shedding. In 2002 approximately 4000 seedlings arising from open-pollinated seed of *T. laurina* were grown in an open bed. In 2003, 4 seedlings were selected due to their larger leaf size, dark, shiny leaf form and attractive leaf shape. In 2004, a final single selection was made from these due to its extreme differences to the parent form and also due to its faster rate of growth. Selection took place in Tuckombil, NSW in 2003. Selection criteria: broad leaf width, light brown bark colour on mature stems prior to shedding and vigorous plant growth rate. Propagation: vegetative cuttings were found to be uniform and stable. Breeders: Greg Hellyar and Stuart Nolan, Tuckombil, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	upright
Plant	height	tall
Leaf blade	presence of variegation	absent

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
<i>T. laurina</i>	parent of candidate

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Hot Tips’	Leaf blade presence of variegation	absent	present
‘Golden Summers’	Leaf blade presence of variegation	absent	present

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

Organ/Plant Part: Context	‘DOW10’	<i>T. laurina</i>
<input type="checkbox"/> Plant: growth habit	upright	upright
<input type="checkbox"/> Plant: branch density	medium	medium
<input type="checkbox"/> Stem: branch angle	acute	acute
<input type="checkbox"/> Stem: internode length	medium	medium
<input type="checkbox"/> Stem: basal diameter	medium	medium
<input type="checkbox"/> Stem: colour of mature stem (RHS colour chart)	199D	199D
<input type="checkbox"/> Stem: colour of new growth (RHS colour chart)	146C	146D
<input type="checkbox"/> Leaf: blade length	medium	medium
<input type="checkbox"/> Leaf: blade width	very broad	medium
<input type="checkbox"/> Leaf: petiole length	long	medium
<input checked="" type="checkbox"/> Leaf: shape of blade	elliptic	oblanceolate
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input checked="" type="checkbox"/> Leaf: shape of base	attenuate	cuneate
<input type="checkbox"/> Leaf: glossiness	medium	medium
<input type="checkbox"/> Leaf: stiffness	medium	medium
<input type="checkbox"/> Mature leaf: primary colour of upper side (RHS colour chart)	147A	147A
<input checked="" type="checkbox"/> Mature leaf: primary colour of lower side (RHS colour chart)	146B	147C
<input type="checkbox"/> Partly mature leaf: primary colour of upper side (RHS colour chart)	146A	146A
<input type="checkbox"/> Partly mature leaf: primary colour of lower side (RHS colour chart)	146D	146D
<input checked="" type="checkbox"/> Newly emerged: upper side (RHS colour chart)	ca 176A	ca 177A
<input type="checkbox"/> Leaf: variegation	absent	absent

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	‘DOW10’	<i>T. laurina</i>
<input checked="" type="checkbox"/> Semi-mature stem: colour (RHS)	166A	200B

**Statistical Table**

Organ/Plant Part: Context	'DOW10'	<i>T. laurina</i>
☐ Leaf: length (mm)		
Mean	123.90	125.20
Std. Deviation	9.40	7.90
LSD/sig	9.92	ns
☐ Leaf: width (mm)		
Mean	52.50	27.20
Std. Deviation	7.00	2.90
LSD/sig	6.08	P≤0.01

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2006/127
<b>Variety Name</b>	‘AATS’
<b>Genus Species</b>	<i>Syzygium australe</i>
<b>Common Name</b>	Lilly Pilly
<b>Synonym</b>	Nil
<b>Accepted Date</b>	31 Aug 2006
<b>Applicant</b>	John Crump, Newrybar, NSW
<b>Agent</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Clarendon, NSW.
<b>Descriptor</b>	Lilly Pilly ( <i>Acmena smithii</i> / <i>Syzygium</i> sp) PBR LILL.
<b>Period</b>	Spring 2006 – autumn 2007.
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Seedling selection: seed parent *Syzygium australe*. The seed parent is characterised by a bushy and spreading plant growth habit. Approximately 200 seeds were collected and sown in 2003. From the resulting progeny a single selection was made which had a distinctly columnar growth habit compared to the parent tree. Selection took place in Newrybar, NSW in 2004. Selection criteria: columnar plant growth habit. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: John Crump, Newrybar, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	branch density	medium
Stem	branch angle	acute
Leaf	length	short

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
‘Bronzed Aussie’	similar foliage



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

<b>Organ/Plant Part: Context</b>	<b>‘AATS’</b>	<b>‘Bronzed Aussie’</b>
<input checked="" type="checkbox"/> Plant: growth habit	strongly upright	bushy to upright
<input type="checkbox"/> Plant: height	medium to tall	medium to tall
<input type="checkbox"/> Plant: branch density	medium	medium
<input type="checkbox"/> Stem: branch angle	acute	acute
<input type="checkbox"/> Stem: internode length	medium	medium
<input type="checkbox"/> Stem: colour of mature stem (RHS colour chart)	199B	199B
<input checked="" type="checkbox"/> Stem: colour of new growth (RHS colour chart)	183A-B	182B and 153A
<input type="checkbox"/> Leaf: blade length	short	short
<input type="checkbox"/> Leaf: blade width	narrow	narrow
<input checked="" type="checkbox"/> Leaf: petiole length	medium	long
<input type="checkbox"/> Leaf: shape of blade	elliptic	elliptic
<input checked="" type="checkbox"/> Leaf: shape of apex	acute	acuminate
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: glossiness	medium	medium
<input type="checkbox"/> Leaf: shape of cross section	flat to concave	concave
<input type="checkbox"/> Leaf: shape of longitudinal section	convex	convex to flat
<input checked="" type="checkbox"/> Leaf: stiffness	medium	strong
<input type="checkbox"/> Leaf: prominence of midrib on lower surface	prominent	prominent
<input type="checkbox"/> Mature leaf: primary colour of upper side (RHS colour chart)	147A	147A
<input checked="" type="checkbox"/> Mature leaf: primary colour of lower side (RHS colour chart)	146B	147B
<input type="checkbox"/> Partly mature leaf: primary colour of upper side (RHS colour chart)	146A	146A
<input type="checkbox"/> Partly mature leaf: primary colour of lower side (RHS colour chart)	146C	146C
<input checked="" type="checkbox"/> Newly emerged: upper side (RHS colour chart)	175A	153A
<input type="checkbox"/> Leaf: variegation	absent	absent
<input checked="" type="checkbox"/> Leaf: petiole colour (RHS colour chart)	146B	153A

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘AATS’</b>	<b>‘Bronzed Aussie’</b>
<input type="checkbox"/> Stem: basal branching	medium	medium

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘AATS’</b>	<b>‘Bronzed Aussie’</b>
<input type="checkbox"/> Leaf: length (mm)		

Mean	41.20	37.80
Std. Deviation	3.60	4.00
LSD/sig	4.32	ns
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	18.30	15.60
Std. Deviation	1.10	1.90
LSD/sig	1.75	P≤0.01

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2005/317
<b>Variety Name</b>	'DOW30'
<b>Genus Species</b>	<i>Acmena smithii</i>
<b>Common Name</b>	'Lilly Pilly'
<b>Synonym</b>	Nil
<b>Accepted Date</b>	29 Apr 2006
<b>Applicant</b>	Downes Wholesale Nursery Pty Ltd, Rossmore, NSW
<b>Agent</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Theresa Park, NSW.
<b>Descriptor</b>	Lilly Pilly ( <i>Acmena smithii</i> /Syzygium sp) PBR LILL.
<b>Period</b>	Summer - autumn 2007.
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 100L bags filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Seedling selection: seed parent *Acmena smithii*. The seed parent is characterised by a medium plant height and width and reddish immature leaf colour. In 2003, approximately 1000 seedlings arising from open-pollinated *Acmena smithii* were grown in an open-bed. A single seedling was selected due to its distinctive lime green colour. Selection took place in Tuckombil, NSW in 2003. Selection criteria: green immature leaf colour. Propagation: vegetative cuttings were found to be uniform and stable. Breeder: Greg Hellyar, Tuckombil, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	bushy to upright
Plant	branch density	dense to very dense

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
<i>A. smithii</i>	parent of candidate

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

<b>Organ/Plant Part: Context</b>	<b>'DOW30'</b>	<b><i>A. smithii</i></b>
<input type="checkbox"/> Plant: growth habit	bushy to upright	bushy to upright
<input type="checkbox"/> Plant: height	medium	medium

<input type="checkbox"/> Plant: branch density	dense to very dense	dense to very dense
<input type="checkbox"/> Stem: branch angle	acute	acute
<input type="checkbox"/> Stem: internode length	medium to long	medium
<input type="checkbox"/> Stem: colour of mature stem (RHS colour chart)	198A and 166C	198A and 166C
<input checked="" type="checkbox"/> Stem: colour of new growth (RHS colour chart)	144B	199A to 200D
<input checked="" type="checkbox"/> Leaf: blade length	long	medium
<input checked="" type="checkbox"/> Leaf: blade width	medium to broad	medium
<input checked="" type="checkbox"/> Leaf: petiole length	long	medium
<input type="checkbox"/> Leaf: shape of blade	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> Leaf: shape of base	acuminate	acuminate
<input type="checkbox"/> Leaf: glossiness	medium	medium
<input checked="" type="checkbox"/> Leaf: shape of cross section	strongly concave	flat to concave
<input type="checkbox"/> Leaf: shape of longitudinal section	convex	convex to flat
<input type="checkbox"/> Leaf: stiffness	medium	medium
<input type="checkbox"/> Leaf: prominence of midrib on lower surface	not prominent	not prominent
<input type="checkbox"/> Mature leaf: primary colour of upper side (RHS colour chart)	147A	147A
<input checked="" type="checkbox"/> Mature leaf: primary colour of lower side (RHS colour chart)	146C	146B
<input type="checkbox"/> Partly mature leaf: primary colour of upper side (RHS colour chart)	ca 146A	146A
<input checked="" type="checkbox"/> Partly mature leaf: primary colour of lower side (RHS colour chart)	146D	152A-B
<input checked="" type="checkbox"/> Newly emerged: upper side (RHS colour chart)	N144A	ca 165A
<input type="checkbox"/> Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: petiole colour (RHS colour chart)	ca 153A	ca 153A

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘DOW30’</b>	<b><i>A. smithii</i></b>
<input checked="" type="checkbox"/> Stem: basal branching	absent or very weak	strong

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘DOW30’</b>	<b><i>A. smithii</i></b>
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	65.70	46.30
Std. Deviation	8.70	6.60
LSD/sig	8.82	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	31.60	21.40

Std. Deviation	6.00	3.00
LSD/sig	5.37	$P \leq 0.01$

**Prior Applications and Sales**

Prior applications nil. First sold in Australia in Aug 2005 under the name DOW30

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

**Details of Application**

<b>Application Number</b>	2005/072
<b>Variety Name</b>	'Bournda Gold'
<b>Genus Species</b>	<i>Philotheca myoporoides</i>
<b>Common Name</b>	Long Leaved Waxflower
<b>Synonym</b>	Nil
<b>Accepted Date</b>	14 Jun 2005
<b>Applicant</b>	Lystare Pty Ltd trading as Bournda Plants
<b>Agent</b>	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Location</b>	Greenhills Propagation Nursery, Tynong, VIC.
<b>Descriptor</b>	Philotheca ( <i>Philotheca</i> ) PBR PHIL.
<b>Period</b>	Spring/summer 2007.
<b>Conditions</b>	Plants were grown in 14cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
<b>Trial Design</b>	10 plants in block design.
<b>Measurements</b>	Leaf measurements taken from middle third of stem.
<b>RHS Chart - edition</b>	2005.

**Origin and Breeding**

Spontaneous mutation: a variegated sport was selected from *Philotheca myoporoides* 'Bournda Beauty' in 2000. Cuttings were taken from this sport, established, and then a number of generations of cuttings were taken from the young plants. This was repeated a number of times to determine distinctness, uniformity and stability. To date, the plant has been grown through four generations with no off-types being recorded. Selection criteria: leaf colour. Propagation: vegetative. Breeder: Dave Theobald, Merimbula, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	variegation	present

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Moon Shadow'	Closest variegated variety.

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

<b>Organ/Plant Part: Context</b>	<b>‘Bournda Gold’</b>	<b>‘Moon Shadow’</b>
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input checked="" type="checkbox"/> Plant: height	medium to tall	short
<input checked="" type="checkbox"/> Plant: width	medium	narrow
<input type="checkbox"/> Plant: density	medium	medium
<input type="checkbox"/> Stem: length of internode	medium	short
<input type="checkbox"/> Young leaf: variegation	present	present
<input type="checkbox"/> Leaf: variegation	present	present
<input type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	yellow green 147B	yellow green 147C
<input type="checkbox"/> Leaf: secondary colour of upper side (RHS Colour Chart)	yellow 10B	yellow 11B
<input checked="" type="checkbox"/> Leaf: shape	oblanceolate	elliptical
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input checked="" type="checkbox"/> Leaf: shape of base	attenuate	cuneate
<input type="checkbox"/> Leaf: shape in cross section	concave	concave
<input type="checkbox"/> Leaf: undulation of margin	absent or weak	absent or weak
<input type="checkbox"/> Flower bud: colour (RHS Colour Chart)	75B	75D
<input type="checkbox"/> Flowers: arrangement	clusters	clusters
<input type="checkbox"/> Flower: main colour	whitish	whitish
<input type="checkbox"/> Petal: main colour (RHS Colour Chart)	white 155C	white 155C
<input type="checkbox"/> Petal: length	short	short
<input type="checkbox"/> Petal: shape	elliptic	elliptic
<input type="checkbox"/> Peduncle: length	short	short
<input type="checkbox"/> Pedicel: length	short	short
<input type="checkbox"/> Pedicel: colour (RHS Colour Chart)	green	green

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Bournda Gold’</b>	<b>‘Moon Shadow’</b>
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	29.73	53.40
Std. Deviation	3.40	3.53
LSD/sig	18.53	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	7.57	13.10
Std. Deviation	0.44	0.99
LSD/sig	4.59	P≤0.01
<input checked="" type="checkbox"/> Leaf: length to width ratio (mm)		
Mean	3.93	4.09
Std. Deviation	0.44	0.38
LSD/sig	0.12	P≤0.01

**Prior Applications and Sales**

Prior applications nil. First sold in Australia in Sep 2004 under the name ‘Bournda Gold’

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

**Details of Application**

<b>Application Number</b>	2000/301
<b>Variety Name</b>	'Minijac'
<b>Genus Species</b>	<i>Mangifera indica</i>
<b>Common Name</b>	Mango
<b>Synonym</b>	Nil
<b>Accepted Date</b>	30 Nov 2000
<b>Applicant</b>	Herminia and Jacinto Lay, Colton Park Trading Pty Ltd, Darwin, NT
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Noonamah, NT
<b>Descriptor</b>	Mango (new) ( <i>Mangifera indica</i> ) TG/112/4
<b>Period</b>	Spring 2007
<b>Conditions</b>	Trial conducted with mature trees under a typical orchard system and with typical management with uniform growing conditions.
<b>Trial Design</b>	Five plants of each variety; no formal design used as plants were from within a standard block planting.
<b>Measurements</b>	Randomly selected ten fruits.
<b>RHS Chart - edition</b>	1995

**Origin and Breeding**

Open pollination: The new variety originated as an open-pollinated seedling of 'Nam Dok Mai'. The parent is characterised by a green and yellow mature fruit skin colour and an absence of pink blush on skin of immature fruit. The seedling fruited in 1992 and the unique and attractive features of the fruits were noted in 1994. Selection took place in Noonamah, NT. Selection criteria: colour of skin of fruit. Propagation: vegetative grafts were found to be uniform and stable. Breeders: Herminia and Jacinto Lay, Noonamah, NT.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Mature fruit	presence of sinus	present
Mature fruit	shape of dorsal shoulder	sloping downward
Mature fruit	point at stylar scar	medium
Ripe fruit	turpentine flavour	absent
Seed	embryony	polyembryonic
Time of	beginning of flowering	medium
Time of	fruit maturity	medium

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Nam Dok Mai'	



**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'TPP1'	immature fruit	colour of skin	green with pink blush	green only
'TPP1'	mature fruit	colour of skin	green with pink blush	predominantly green

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

Organ/Plant Part: Context	'Minijac'	'Nam Dok Mai'
<input type="checkbox"/> *Tree: attitude of main branches	erect	erect
<input checked="" type="checkbox"/> *Young leaf: intensity of anthocyanin colouration	medium	weak
<input checked="" type="checkbox"/> Leaf blade: length	medium	long
<input checked="" type="checkbox"/> Leaf blade: width	narrow to medium	medium to broad
<input type="checkbox"/> *Leaf blade: ratio length/width	large	large to very large
<input type="checkbox"/> Leaf blade: shape	elliptic	elliptic
<input type="checkbox"/> Leaf blade: colour	medium green	medium green
<input type="checkbox"/> Leaf blade: twisting	present	present
<input type="checkbox"/> Leaf blade: spacing of secondary veins	medium	medium
<input checked="" type="checkbox"/> Leaf blade: undulation of margin	absent or weak	medium
<input type="checkbox"/> Leaf blade: shape of base	acute	acute
<input checked="" type="checkbox"/> Leaf blade: shape of apex	acute	acuminate
<input type="checkbox"/> Petiole: attitude in relation to shoot	semi erect	semi erect
<input type="checkbox"/> Petiole: length	medium	short to medium
<input type="checkbox"/> *Inflorescence: length	medium	medium
<input type="checkbox"/> *Mature fruit: length	medium to long	medium to long
<input checked="" type="checkbox"/> *Mature fruit: width	narrow	medium
<input checked="" type="checkbox"/> *Mature fruit: ratio length/width	large to very large	medium to large
<input type="checkbox"/> *Mature fruit: shape in cross section	broad elliptic	broad elliptic
<input checked="" type="checkbox"/> *Mature fruit: colour of skin	green and pink	green and yellow
<input type="checkbox"/> Mature fruit: density of lenticels	sparse to medium	sparse to medium
<input checked="" type="checkbox"/> Mature fruit: colour contrast between lenticels and skin	weak to medium	very weak
<input type="checkbox"/> Mature fruit: size of lenticels	small to medium	small to medium
<input type="checkbox"/> Mature fruit: roughness of surface	absent	absent
<input type="checkbox"/> Mature fruit: stalk cavity	absent or shallow	absent or shallow
<input type="checkbox"/> Mature fruit: presence of neck	absent	absent
<input checked="" type="checkbox"/> *Mature fruit: shape of ventral shoulder	sloping downward	rounded downward
<input type="checkbox"/> *Mature fruit: shape of dorsal shoulder	sloping downward	sloping downward
<input type="checkbox"/> Mature fruit: length of groove in ventral shoulder	absent or short	absent or short
<input type="checkbox"/> Mature fruit: bulging on ventral shoulder	absent	absent

<input type="checkbox"/>	*Mature fruit: presence of sinus	present	present
<input checked="" type="checkbox"/>	*Mature fruit: depth of sinus	medium	shallow
<input checked="" type="checkbox"/>	*Mature fruit: bulging proximal of stylar scar	absent or weak	medium
<input type="checkbox"/>	Mature fruit: point at stylar scar	medium	medium
<input type="checkbox"/>	Mature fruit: diameter of stalk attachment	medium	medium
<input checked="" type="checkbox"/>	*Ripe fruit: predominant colour of skin	yellow and orange	yellow
<input type="checkbox"/>	Ripe fruit: speckling of skin	weak	weak
<input type="checkbox"/>	Ripe fruit: thickness of skin	thin to medium	medium
<input checked="" type="checkbox"/>	Ripe fruit: adherence of skin to flesh	weak	medium to strong
<input checked="" type="checkbox"/>	Ripe fruit: main colour of flesh	medium orange	light yellow
<input checked="" type="checkbox"/>	Ripe fruit: firmness of flesh	soft	medium
<input type="checkbox"/>	Ripe fruit: juiciness	medium	low to medium
<input type="checkbox"/>	Ripe fruit: texture of flesh	fine	fine to medium
<input type="checkbox"/>	*Ripe fruit: amount of fiber attached to stone	low	very low to low
<input type="checkbox"/>	Ripe fruit: amount of fiber attached to skin	medium	medium
<input type="checkbox"/>	*Ripe fruit: turpentine flavor	absent	absent
<input checked="" type="checkbox"/>	Stone: relief of surface	grooved	ridged
<input type="checkbox"/>	Seed: shape in lateral view	reniform	reniform
<input type="checkbox"/>	*Seed: embryony	polyembryonic	polyembryonic
<input type="checkbox"/>	Time of: beginning of flowering	medium	medium
<input type="checkbox"/>	*Time of: fruit maturity	medium	medium

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Minijac’</b>	<b>‘Nam Dok Mai’</b>
<input checked="" type="checkbox"/> Immature fruit: presence of pink blush	present	absent

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Minijac’</b>	<b>‘Nam Dok Mai’</b>
<input checked="" type="checkbox"/> Leaf blade: length (mm)		
Mean	188.00	230.50
Std. Deviation	14.40	21.20
LSD/sig	20.67	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)		
Mean	45.20	53.40
Std. Deviation	4.40	5.90
LSD/sig	5.96	P≤0.01
<input type="checkbox"/> Leaf blade: ratio length/width		
Mean	4.18	4.33
Std. Deviation	0.40	0.30
LSD/sig	0.35	ns
<input checked="" type="checkbox"/> Petiole: length (mm)		
Mean	36.70	30.60

Std. Deviation	5.90	4.20
LSD/sig	5.88	P≤0.01
<input type="checkbox"/> Mature fruit: length		
Mean	145.50	151.60
Std. Deviation	10.60	13.70
LSD/sig	13.96	ns
<input checked="" type="checkbox"/> Mature fruit: width (mm)		
Mean	64.20	76.50
Std. Deviation	3.30	6.20
LSD/sig	5.68	P≤0.01
<input checked="" type="checkbox"/> Mature fruit: ratio length/width		
Mean	2.27	1.98
Std. Deviation	0.10	0.10
LSD/sig	0.15	P≤0.01

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2004/250
<b>Variety Name</b>	'PHORD1'
<b>Genus Species</b>	<i>Phormium tenax</i>
<b>Common Name</b>	New Zealand Flax
<b>Synonym</b>	Nil
<b>Accepted Date</b>	21 Sep 2004
<b>Applicant</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

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

**Origin and Breeding**

Seedling selection: In 1999 a batch of commercial seed (most likely *P. tenax purpurea*) were sown and approximately 140000 plants were grown. The seed parent is characterised by a purple leaf colour and weak resistance to phytophthora. In late 2000, about 200 red leaf forms were selected and grown on. During 2001 they were exposed to phytophthora and 130 survived. Finally, in early 2002 a single plant was selected due to its red leaf colour and short height. This selection was later named 'PHORD1'. Selection took place in Clarendon, NSW in 2002. Selection criteria: red leaf colour and strong resistance to phytophthora. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf blade	predominant colour	dark red

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Merlot'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	
'Dark Delight'	Leaf blade	predominant colour	dark red	lighter red
'Anna Red'	Leaf blade	presence of red margin	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	'PHORD1'	'Merlot'
<input checked="" type="checkbox"/> Plant: height	short	medium
<input checked="" type="checkbox"/> Plant: width	narrow	medium
<input type="checkbox"/> Plant: number of leaves	medium to many	medium
<input type="checkbox"/> Plant: main colour	red	red
<input type="checkbox"/> Leaf: length	short	short to medium
<input type="checkbox"/> Leaf: width at broadest part	narrow	narrow
<input type="checkbox"/> Young leaf: main colour of middle zone on upper side (RHS colour chart)	darker than N77A ca N77A	
<input type="checkbox"/> Young leaf: main colour of margin zone on upper side (RHS colour chart)	darker than N77A ca N77A	
<input type="checkbox"/> Young leaf: main colour of middle zone on lower side (RHS colour chart)	darker than N77A ca N77A	
<input type="checkbox"/> Young leaf: secondary colour of margin zone on lower side (RHS colour chart)	darker than N77A ca N77A	
<input type="checkbox"/> Leaf: main colour of middle zone on upper side (RHS colour chart)	ca 187A	ca 187A
<input type="checkbox"/> Leaf: width of middle zone on upper side	from two thirds to full width of leaf	from two thirds to full width of leaf
<input checked="" type="checkbox"/> Leaf: colour of edge on upper side (RHS colour chart)	187C	ca 202A
<input checked="" type="checkbox"/> Leaf: main colour of middle zone on lower side (RHS colour chart)	ca N77A	ca N200A
<input checked="" type="checkbox"/> Leaf: colour of edge on lower side (RHS colour chart)	187C	ca 202A

**Statistical Table**

Organ/Plant Part: Context	'PHORD1'	'Merlot'
<input checked="" type="checkbox"/> Plant: height (mm)		
Mean	266.00	376.50
Std. Deviation	31.80	74.70
LSD/sig	65.52	P≤0.01
<input checked="" type="checkbox"/> Plant: width (mm)		
Mean	245.00	542.50
Std. Deviation	36.10	109.20
LSD/sig	92.78	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	242.70	364.60
Std. Deviation	28.80	81.50

LSD/sig	69.77	P≤0.01
<input type="checkbox"/> Leaf: width (mm)		
Mean	18.50	14.40
Std. Deviation	2.90	3.60
LSD/sig	3.74	ns

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2007/260
<b>Variety Name</b>	'Storm Edition'
<b>Genus Species</b>	<i>Phormium cookianum</i>
<b>Common Name</b>	New Zealand Mountain Flax
<b>Synonym</b>	Nil
<b>Accepted Date</b>	22 Nov 2007
<b>Applicant</b>	Greenhills Propagation Nursery Pty Ltd, Tynong, VIC
<b>Agent</b>	N/A
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Location</b>	Tynong, VIC.
<b>Descriptor</b>	Phormium ( <i>Phormium tenax</i> ) PBR PHOR.
<b>Period</b>	Autumn to spring 2007.
<b>Conditions</b>	Plants were grown in 14cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
<b>Trial Design</b>	10 plants in block design.
<b>Measurements</b>	Leaf measurements taken from largest leaves.
<b>RHS Chart - edition</b>	2005.

**Origin and Breeding**

Spontaneous mutation: a dark purple sport was selected from green form of *Phormium cookianum* in 2004. Divisions were taken from this sport, established, and then a number of generations of divisions were taken from the young plants. This was repeated two further times to determine distinctness, uniformity and stability. To date, the plant has been grown through four generations with no off-types being recorded. Selection criteria: leaf colour. Propagation: vegetative. Breeder: Robert Harrison, Tynong VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	colour	purple

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Purple Haze'	
'Chocolate Cookie'	

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

<b>Organ/Plant Part: Context</b>	<b>'Storm Edition'</b>	<b>'Chocolate Cookie'</b>	<b>'Purple Haze'</b>
<input checked="" type="checkbox"/> Plant: height	short to medium	medium	medium
<input checked="" type="checkbox"/> Plant: width	medium to broad	medium	medium
<input type="checkbox"/> Plant: number of suckers	very few	very few	very few
<input type="checkbox"/> Plant: main colour	brown	brown	brown

<input type="checkbox"/> Leaf: width at broadest part		medium	medium
<input type="checkbox"/> Leaf: main colour of margin zone on upper side (RHS colour chart)	ca200A	200A	200A
<input checked="" type="checkbox"/> Leaf: main colour of middle zone on lower side (RHS colour chart)	200A	N200A	N200A

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Storm Edition’</b>	<b>‘Chocolate Cookie’</b>	<b>‘Purple Haze’</b>
<input checked="" type="checkbox"/> Plant: height (mm)			
Mean	460.00	577.70	512.00
Std. Deviation	46.67	48.25	31.55
LSD/sig	53.06	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: width (mm)			
Mean	71.00	47.20	59.50
Std. Deviation	4.59	2.49	5.50
LSD/sig	5.42	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: number of shoots			
Mean	13.00	2.88	7.10
Std. Deviation	2.62	1.10	1.66
LSD/sig	2.35	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	21.55	24.23	26.07
Std. Deviation	2.30	2.76	2.45
LSD/sig	3.11	ns	P≤0.01

### **Prior Applications and Sales**

Prior applications nil.

First sold in Australia in Nov 2006 under the name ‘Storm Edition’.

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



**Details of Application**

<b>Application Number</b>	2007/241
<b>Variety Name</b>	'Dawson'
<b>Genus Species</b>	<i>Avena sativa</i>
<b>Common Name</b>	Oats
<b>Synonym</b>	Nil
<b>Accepted Date</b>	7 Nov 2007
<b>Applicant</b>	NDSU Research Foundation, Fargo, ND, USA
<b>Agent</b>	Pacific Seeds Pty Ltd, Toowoomba, QLD
<b>Qualified Person</b>	Peter Johnson

**Details of Comparative Trial**

<b>Location</b>	Gatton, QLD.
<b>Descriptor</b>	Oats ( <i>Avena sativa</i> ) TG/20/10.
<b>Period</b>	Winter – spring 2007. Sown 26 Apr 2007.
<b>Conditions</b>	The trial was sown into a well prepared seedbed at the Pacific Seeds Research Station, located at Gatton in the Lockyer Valley of South East Queensland. The trial was conducted under irrigated conditions using a row spacing of 76 cm.
<b>Trial Design</b>	The trial design was a randomized complete block with four replications, four rows per plot, five metres long.
<b>Measurements</b>	Measurements were taken from 20 plants selected at random from over 2,500 plants.
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Controlled pollination: ND 020290 ('Dawson') resulted from a cross made in the fall greenhouse season of 1998 with the pedigree MN 97112 x ND 971454. The F<sub>1</sub> was grown in the 1999 spring greenhouse and F<sub>2</sub> populations were grown in the field at Fargo in 1999. Single plant selections were made from the F<sub>2</sub>. F<sub>3</sub> selections were screened for seedling resistance to crown and stem rust. F<sub>4</sub> planted in hill plots in 2000. Single panicle selections were made from the hillplots to produce the F<sub>4.5</sub> breeding line, which became the source of ND 020290. This seed was planted in four-row plots for evaluation in the field at Fargo in 2002. ND 020290 was evaluated in a preliminary yield trial at two locations in 2003, and advanced yield trials at four locations in 2004. During all stages of development, ND 020290 was subjected to stringent selection for resistance to races of crown rust and stem rust prevalent in North Dakota. Breeder: NDSU Research Foundation, Fargo, ND, USA.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Panicle	orientation of branches	equilateral
Panicle	attitude of spikelets	pendulous
Stem	hairiness of top node	absent
Grain	husk	present

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Volta'	Commercial forage variety.
'Drover'	Forage oat variety released by Pacific Seeds in 2006.
'Taipan'	Forage oat variety from Pacific Seeds.
'Genie'	Commercial slow rusting forage oat variety released in 2006.

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

Organ/Plant Part: Context	'Dawson'	'Drover'	'Genie'	'Taipan'	'Volta'
<input type="checkbox"/> Plant: growth habit	erect	intermediate	erect	erect	erect to semi-erect
<input type="checkbox"/> Lowest leaves: hairiness of sheaths	absent or very weak	absent or very weak	very weak to weak	absent or very weak	very weak to weak
<input type="checkbox"/> *Leaf blade: hairiness of margins of leaf below flag leaf	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	low to medium	medium	low to medium	low to medium
<input type="checkbox"/> *Time of: panicle emergence	medium to late	medium to late	late	late	medium
<input type="checkbox"/> *Stem: hairiness of uppermost node	absent	absent	absent	absent	absent
<input type="checkbox"/> Panicle: orientation of branches	equilateral	equilateral	equilateral	equilateral	equilateral
<input type="checkbox"/> Panicle: attitude of branches	semi-erect	semi-erect	semi-erect	semi-erect	horizontal
<input type="checkbox"/> Panicle: attitude of spikelets	pendulous	pendulous	pendulous	pendulous	pendulous
<input type="checkbox"/> Glumes: glaucosity	weak	medium	weak to medium	weak	weak to medium
<input type="checkbox"/> Glumes: length	medium	medium	medium	medium to long	long
<input type="checkbox"/> *Primary grain: glaucosity of lemma	absent	absent	absent	absent	absent
<input type="checkbox"/> *Plant: length	long	medium	long	long	long
<input checked="" type="checkbox"/> Panicle: length	medium	short to medium	long to very long	long to very long	short to medium
<input type="checkbox"/> *Grain: husk	present	present	present	present	present
<input checked="" type="checkbox"/> Primary grain: tendency to be awned	weak	absent or very weak	weak	strong	weak
<input type="checkbox"/> Primary grain: length of lemma	medium	medium	medium	medium	medium

<input type="checkbox"/> *Grain: colour of lemma	yellow	yellow	yellow	yellow	yellow
<input type="checkbox"/> Primary grain: hairiness of back of lemma	absent	absent	absent	absent	present
<input checked="" type="checkbox"/> Primary grain: hairiness of base	absent or very weak	absent or very weak	medium to strong	weak	very strong
<input checked="" type="checkbox"/> Primary grain: length of basal hairs	very short	very short	medium	medium	long
<input type="checkbox"/> Primary grain: length of rachilla	medium	medium	medium	medium	medium

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Dawson’</b>	<b>‘Drover’</b>	<b>‘Genie’</b>	<b>‘Taipan’</b>	<b>‘Volta’</b>
<input checked="" type="checkbox"/> Plant ( stem & panicle): height (cm)					
Mean	176.40	160.00	183.00	176.90	179.20
Std. Deviation	8.96	5.53	8.14	4.90	9.28
LSD/sig	2.49	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: width (mm)					
Mean	32.10	29.90	31.00	31.60	23.30
Std. Deviation	2.61	3.17	2.26	3.19	2.96
LSD/sig	1.53	P≤0.01	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: length (mm)					
Mean	186.70	247.30	312.90	276.50	223.10
Std. Deviation	36.62	45.47	50.99	54.60	42.36
LSD/sig	6.16	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Panicle: length (mm)					
Mean	364.20	330.80	455.60	441.60	331.10
Std. Deviation	36.25	56.76	50.47	30.57	36.19
LSD/sig	5.95	P≤0.01	P≤0.01	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Peter Johnson**, Pacific Seeds Pty Ltd, Toowoomba, QLD.

**Details of Application**

<b>Application Number</b>	2007/150
<b>Variety Name</b>	'Monty'
<b>Genus Species</b>	<i>Avena sativa</i>
<b>Common Name</b>	Oats
<b>Synonym</b>	Nil
<b>Accepted Date</b>	26 Jun 2007
<b>Applicant</b>	New Zealand Institute for Crop & Food Research Limited, Christchurch, NZ
<b>Agent</b>	Heritage Seeds Pty Ltd, Howlong, NSW
<b>Qualified Person</b>	Allen Newman

**Details of Comparative Trial**

<b>Location</b>	Heritage Seeds Research, "Shrublands", Riverina Highway, Howlong, NSW 2643 (Latitude 35°06' South, elevation 150m), autumn-summer 200
<b>Descriptor</b>	Oats ( <i>Avena sativa</i> ) TG/20/10
<b>Period</b>	June - December 2007
<b>Conditions</b>	Trial was sown into a moist, cultivated seed bed in good condition. The trial was sown using a cone seeder. Normal agronomic practices were applied to the trial.
<b>Trial Design</b>	Three replicates laid out in a randomised block design.
<b>Measurements</b>	Measurements were taken from at least five plants per replicate (15 plants per entry), selected at random.
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Controlled pollination: parentage Pg16//OT240. In 1992/93 F<sub>2</sub> population was selected from 'Aorangi' research site close to Palmerston North. During 1994 to 1998, F<sub>3</sub> to F<sub>7</sub> selections were carried out on CFR site located near Gore, New Zealand. Two further selections (F<sub>8</sub> and F<sub>9</sub>) were carried out in New Zealand for forage production and disease resistance. Panicles were harvested from superior lines. F<sub>10</sub> panicle rows sown and increased under NZ Australian quarantine protocols for shipment to Australia. Re-selected seed lines harvested as individual bulks and shipped to Heritage seed in NSW for field evaluation. Between 2001 -06 evaluated as "CDA28,01/G4" by Heritage Seeds for forage potential using a parallel system of small forage plot trials, seed multiplication for on-farm evaluation and pure seed production. Selection criteria: grain type, forage production, Barley yellow dwarf virus resistance, lodging resistance. Propagation: seed. Breeder: New Zealand Institute for Crop & Food Research Limited, Christchurch, NZ.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Lowest leaves	hairiness of sheaths	absent or very weak
Plant	frequency of plants with recurved flag leaves	absent or very low
Plant	time of panicle emergence	late/very late
Panicle	orientation of branches	equilateral
Panicle	attitude of spikelets	pendulous
Primary grain	glaucosity of lemma	absent
Primary grain	hairiness of back of lemma	absent
Grain	husk	present

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘Graza 50’	
‘Graza 51’	
‘Graza 68’	
‘Graza 80’	

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

Organ/Plant Part: Context	‘Monty’	‘Graza 50’	‘Graza 51’	‘Graza 68’	‘Graza 80’
<input type="checkbox"/> Plant: growth habit	erect to semi-erect	semi-erect	semi-erect	semi-erect	semi-erect to intermediate
<input type="checkbox"/> Lowest leaves: hairiness of sheaths	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Leaf blade: hairiness of margins of leaf below flag leaf	absent or very weak	absent or very weak	medium	weak	weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	absent or very low	absent or very low	absent or very low	absent or very low
<input checked="" type="checkbox"/> *Time of: panicle emergence	late	late	very late	late	late to very late
<input checked="" type="checkbox"/> *Stem: hairiness of uppermost node	absent	absent	present	present	present
<input type="checkbox"/> Panicle: orientation of branches	equilateral	equilateral	equilateral	equilateral	equilateral
<input type="checkbox"/> Panicle: attitude of branches	erect to semi-erect	semi-erect to horizontal	semi-erect	semi-erect	semi-erect to horizontal
<input type="checkbox"/> Panicle: attitude of spikelets	pendulous	pendulous	pendulous	pendulous	pendulous
<input checked="" type="checkbox"/> Glumes: glaucosity	very strong	medium to strong	weak to medium	medium	medium
<input checked="" type="checkbox"/> Glumes: length	medium	medium to long	medium to long	long	medium to long

<input type="checkbox"/> *Primary grain: glaucosity of lemma	absent	absent	absent	absent	absent
<input type="checkbox"/> *Plant: length	long to very long	long	long to very long	long	long
<input type="checkbox"/> Panicle: length	medium	medium to long	medium to long	medium	medium
<input type="checkbox"/> *Grain: husk	present	present	present	present	present
<input checked="" type="checkbox"/> Primary grain: tendency to be awned	absent or very weak	absent or very weak	absent or very weak	medium	absent or very weak
<input type="checkbox"/> Primary grain: length of lemma	medium	medium	medium	medium to long	medium
<input checked="" type="checkbox"/> *Grain: colour of lemma	white	white	white	yellow	white
<input type="checkbox"/> Primary grain: hairiness of back of lemma	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Primary grain: hairiness of base	absent or very weak	strong	strong	absent or very weak	strong
<input type="checkbox"/> Primary grain: length of rachilla	medium	medium	medium to long	medium	medium

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Monty’</b>	<b>‘Graza 50’</b>	<b>‘Graza 51’</b>	<b>‘Graza 68’</b>	<b>‘Graza 80’</b>
<input type="checkbox"/> Plant: height (cm)					
Mean	803.67	716.00	805.67	725.33	738.00
Std. Deviation	44.96	52.31	42.78	45.44	36.95
LSD/sig	97.80	ns	ns	ns	ns
<input checked="" type="checkbox"/> Flag leaf: length (mm)					
Mean	91.50	84.80	92.30	106.10	106.90
Std. Deviation	11.69	9.47	10.83	8.93	14.83
LSD/sig	14.4	ns	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: width (mm)					
Mean	10.93	9.27	12.20	10.40	10.47
Std. Deviation	2.43	0.90	1.34	1.66	0.97
LSD/sig	1.61	P≤0.01	P≤0.01	ns	ns

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2006/002
<b>Variety Name</b>	'Georgia Hi/OL'
<b>Genus Species</b>	<i>Arachis hypogaea</i>
<b>Common Name</b>	Peanut
<b>Synonym</b>	Reid
<b>Accepted Date</b>	8 May 2006
<b>Applicant</b>	University of Georgia Research Foundation, Inc., Athens, GA, USA
<b>Agent</b>	Peanut Company of Australia Limited, Kingaroy, QLD
<b>Qualified Person</b>	Grant Baker

**Details of Comparative Trial**

<b>Location</b>	Chinchilla and Kingaroy QLD.
<b>Descriptor</b>	Peanut ( <i>Arachis</i> ) TG/93/3.
<b>Period</b>	Summer 2005 until late autumn 2006.
<b>Conditions</b>	Chinchilla trial was an irrigated trial, with incidences of Pod Rot later in the season. Plot size was 2x5 to 6 m rows with 3 replicates. this Chinchilla trial included 24 entries which included both the candidate and the comparator. The Kingaroy trial was grown under well irrigated conditions. Plot size was 2x5 to 6m rows with 3 replicates. This trial included 14 entries including once again both the candidate and the comparator.
<b>Trial Design</b>	Experimental designs employed were row – column designs, row lattices and randomised complete block design.
<b>Measurements</b>	Establishment, pod yield, kernel yield, total kernel percentage, graded outturn and estimated crop value and kernel counts.
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Controlled pollination: 'Georgia Hi-O/L' is the result of an initial cross between 'GA-C330A' and 'GA-T2636'. Pedigree selection was undertaken through the F<sub>2</sub>-F<sub>5</sub> and yield tests were performed from the F<sub>6</sub>-F<sub>8</sub>. Selection criteria: high oleic to linoleic acid ratio. Breeder: Dr. William D. Branch, University of Georgia, Department of Crop and Soil Sciences, Coastal Plain Experimental Station, Tifton, GA, USA.

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

<b>Organ/Plant Context</b>		<b>State of Expression in Group of Varieties</b>
<b>Part</b>		
Plant	commercial grouping	runner
Plant	time of maturity	late
Kernel	oleic to linoleic acid ratio	high
Kernel	colour of mature uncured testa	pink
Kernel	weight per 1000 kernels	medium to high

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Holt'	most similar variety based on the above grouping criteria

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Menzies'	Kernel weight per 1000 kernels	medium to high	low to medium	Trials in 2003/2004 as stated in application No. 2003/317 and 2005/ 2006 yield performance trials.
'Scullin'	Kernel colour of mature uncured testa	pink	flesh	
'Bruce'	Kernel colour of mature uncured testa	pink	flesh	
'GA-C330A'	Kernel oleic to linoleic acid ratio	high	low	As per part 1.
'GA-T2636'	Kernel size	medium	small	As per part 1.
'SO95R'	Kernel weight per 1000 kernels	medium to high	low to medium	Trials in 2003/2004 as stated in application No. 2003/317 and 2005/2006 yield performance trials.

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

Organ/Plant Part: Context	'Georgia Hi/OL'	'Holt'
<input checked="" type="checkbox"/> *Plant: growth habit	prostrate	semi-erect
<input type="checkbox"/> Main stem: growth habit (prostrate varieties only)	erect	erect
<input type="checkbox"/> *Time of: maturity	late	late
<input checked="" type="checkbox"/> Leaflet: colour	dark green	medium green
<input type="checkbox"/> *Flowering: general pattern	sequential	sequential
<input checked="" type="checkbox"/> *Pod: constrictions	deep	medium
<input type="checkbox"/> *Pod: prominence of beak	absent or very inconspicuous to inconspicuous	absent or very inconspicuous
<input type="checkbox"/> *Pod: shape of beak	curved	curved
<input type="checkbox"/> *Kernel: colour of uncured mature testa	monochrome	monochrome
<input type="checkbox"/> *Kernel: colour of mature uncured testa (varieties with monochrome testa only)	pink	pink
<input type="checkbox"/> *Kernel: weight per 1000 kernels	medium to high	medium to high
<input type="checkbox"/> *Kernel: dormancy period	medium	medium
<input type="checkbox"/> Resistance to: rust	absent	absent

**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
USA	2000	Granted	'Georgia Hi/OL'

Prior sale nil.

Description: **Grant Baker**, Peanut Company of Australia Limited, Kingaroy, QLD.



**Details of Application**

<b>Application Number</b>	2006/084
<b>Variety Name</b>	'Konimpa'
<b>Genus Species</b>	<i>Alstroemeria</i> hybrid
<b>Common Name</b>	Peruvian Lily
<b>Synonym</b>	Nil
<b>Accepted Date</b>	8 May 2006
<b>Applicant</b>	Konst Breeding B.V., Nieuwveen, The Netherlands
<b>Agent</b>	N/A
<b>Qualified Person</b>	David Nichols

**Details of Comparative Trial**

<b>Overseas Testing</b>	Community Plant Variety Office (CPVO)
<b>Authority</b>	
<b>Overseas Data</b>	INC 874
<b>Reference Number</b>	
<b>Location</b>	Overseas data was verified in Monbulk, VIC.
<b>Descriptor</b>	<i>Alstroemeia (Alstroemeria)</i> TG/29/6.
<b>Period</b>	Dec 2007.
<b>Conditions</b>	Comparisons of most characteristics are based on Dutch trials, which were assessed under conditions of controlled environment in glasshouses at Wageningen, the Netherlands. Detailed flower descriptions of the candidate variety are based on plants growing in soil in a multispans polyhouse at Monbulk, VIC. Flowers from these plants were cut in bud and transferred to Devon Meadows, VIC, and placed in a solution of 5% sugar and 1ml/l chlorine bleach. The flowers were assessed 3 days later. Descriptions of the comparators are derived from those published in the Plant Varieties Journal.
<b>Trial Design</b>	Completely randomised
<b>Measurements</b>	Taken from all trial plants.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Controlled pollination: seed parent '8656-1' x pollen parent '8124-7', in a planned breeding program at the applicant's research station at Nieuwveens, the Netherlands. Both parents are non-commercial varieties within the breeding programme. Selection criteria: growth characteristics and bi-colour flower. Propagation: a number of mature stock plants were generated from the original seedling by tissue culture through 3 generations to confirm uniformity and stability. Breeder: J. W. Konst, Konst Breeding B.V., Nieuwveen, The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	main colour	orange red
Outer tepal	colour of centre	red
Outer tepal	colour of edges	orange
Stem	length	long to very long

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘Stanata’	PVJ 12(3)

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Pink Roma’	Outer tepal colour of edges	orange	pink	PVJ 12(2)
‘Cerise Miami’	Outer tepal colour of edges	orange	Pink	PVJ 12(2)

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

Organ/Plant Part: Context	‘Konimpa’	‘Stanata’
<input checked="" type="checkbox"/> *Stem: length	long	very long
<input checked="" type="checkbox"/> *Stem: thickness	thick	medium
<input type="checkbox"/> *Stem: density of foliage	medium	medium
<input checked="" type="checkbox"/> *Leaf: length	long	medium
<input checked="" type="checkbox"/> *Leaf: width	narrow	medium
<input type="checkbox"/> *Leaf: shape of blade	elliptic	narrow-elliptic
<input type="checkbox"/> *Leaf: longitudinal axis of blade	recurved	recurved
<input checked="" type="checkbox"/> *Inflorescence: number of branches in umbel	many	medium
<input checked="" type="checkbox"/> *Inflorescence: length of branches in umbel	medium	long
<input checked="" type="checkbox"/> *Inflorescence: length of pedicel	short	medium
<input type="checkbox"/> *Flower: main colour	orange red	orange red
<input type="checkbox"/> *Flower: size	medium to large	large
<input type="checkbox"/> *Flower: spread of tepals	medium	medium
<input type="checkbox"/> *Outer tepal: shape of blade	broad obovate	broad obovate
<input checked="" type="checkbox"/> *Outer tepal: depth of emargination	medium	very deep
<input checked="" type="checkbox"/> *Outer tepal: main colour of inner side of blade (RHS colour chart)	32B,46B	53B,29B
<input type="checkbox"/> *Outer tepal: stripes on inner side of blade	absent	absent
<input type="checkbox"/> *Inner tepal: shape of blade	elliptic	elliptic
<input checked="" type="checkbox"/> *Inner lateral tepal: main colour of inner side of middle zone of blade (RHS colour chart)	14A	9B
<input type="checkbox"/> Inner lateral tepal: number of stripes on inner side of blade	medium	medium
<input type="checkbox"/> *Inner lateral tepal: size of stripes on inner side of blade	medium to large	medium
<input type="checkbox"/> *Stamens: main colour of filament	pink	pink
<input type="checkbox"/> *Stamens: small spots on filament	absent	absent
<input checked="" type="checkbox"/> *Stamens: colour of anthers at the start of dehiscence	brownish	greenish
<input checked="" type="checkbox"/> Pistil: anthocyanin colouration of ovary	absent or very	weak to medium

<input type="checkbox"/>	Pistil: spots on the stigma	weak absent	absent
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**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>		<b>‘Konimpa’</b>	<b>‘Stanata’</b>
<input type="checkbox"/>	Inner median tepal: presence of stripes	present	present
<input checked="" type="checkbox"/>	Inner median tepal: presence of yellow colour	present	absent

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
The Netherlands	2005	Applied	‘Konimpa’

First sold in Colombia in June 2005. First Australian sale July 2005.

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

**Details of Application**

<b>Application Number</b>	2005/353
<b>Variety Name</b>	'Aus-Jubilee'
<b>Genus Species</b>	<i>Ananas comosus</i>
<b>Common Name</b>	Pineapple
<b>Synonym</b>	Jubilee
<b>Accepted Date</b>	9 Feb 2006
<b>Applicant</b>	State of Queensland through its Department of Primary Industries and Fisheries, Brisbane, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	Garth Sanewski

**Details of Comparative Trial**

<b>Location</b>	Maroochy Research Station, Nambour
<b>Descriptor</b>	Pineapple ( <i>Ananas comosus</i> ) TG/PINEAP (proj. 1)
<b>Period</b>	Planted late Sep 2005, induced on 2 Feb 2007 and harvested from Aug to Sep 2007. Flower data collected Apr 2007.
<b>Conditions</b>	Plants treated according to standard commercial practices with the addition of trickle irrigation. Planting density of approximately 50,000 plants/ha used.
<b>Trial Design</b>	Randomised Complete Block of 5 blocks and 10 plants per variety per block.
<b>Measurements</b>	Reference leaf data and flower data collected on 2 plants/plot (total 10 samples/variety). All plant data collected on 10 plants/plot (total of 50 plants/variety). Fruit data collected on all harvested fruit. Eye dimensions collected on 3 eyes/fruit to give a fruit sample mean. Fruit firmness data results of 3 measurements/fruit to give a fruit sample mean.
<b>RHS Chart - edition</b>	Third edition, 1995.

**Origin and Breeding**

Controlled pollination: seed parent 'Smooth Cayenne' x pollen parent '73-50' in a planned breeding program on Maroochy Research Station (MRS) at Nambour, Queensland, in 1993 using conventional hand pollination techniques. The seed was extracted and germinated in a glasshouse on MRS in 1994. The seedlings were planted on MRS in Dec 1995. The original seedling, designated 10-2594, was harvested on 12 Sep 1997. The seed parent is characterised by high yield and good plant vigour. The pollen parent is characterised by high flesh aroma, moderate high sugar content, low acidity and yellow flesh. Selection criteria: characters used in the selection included piping leaf margin, high total soluble solids, moderate acidity, good flavour, yellow flesh, and improved resistance to natural flower initiation and translucency. Propagation: the vegetative shoots on the original seedling were collected and planted on MRS in 1997. Replantings using the same method were made approximately every 2 years. In addition approximately 500 plants were produced through meristem culture at MRS using standard protocols for pineapple. Plants considered not similar to the original were discarded at each planting.

**Choice of Comparators** Characteristics 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	margin type	pipng
Fruit/flesh	colour	yellow

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘73-50’	Pollen parent and standard commercial fresh market cultivar.

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Smooth Cayenne’	Leaf presence of anthocyanins (upper surface)	Absent	present	
‘Smooth Cayenne’	Leaf leaf margin	Piping	spiny tip	Seed parent to ‘Aus-Jubilee’
‘73-114’	Leaf leaf margin	Piping	spiny tip	Similar dark green leaf as ‘Aus-Jubilee’

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

Organ/Plant Part: Context	‘Aus-Jubilee’	‘73-50’
<input type="checkbox"/> *Plant: foliage attitude	semi-erect to spreading	semi-erect to spreading
<input type="checkbox"/> Plant: leaf emission rate (number of leaves produced from 4 months after planting to forcing)	quick to very quick	medium
<input type="checkbox"/> Reference leaf: length	short to medium	medium
<input type="checkbox"/> Reference leaf: maximum width	narrow to medium	medium
<input type="checkbox"/> Reference leaf: weight	low to medium	medium
<input checked="" type="checkbox"/> *Leaf: predominant colour (on upper face)	dark green	green
<input checked="" type="checkbox"/> *Leaf: presence of anthocyanins (on upper surface)	absent	present
<input type="checkbox"/> *Leaf: leaf edges aspect	pipng	pipng
<input type="checkbox"/> *Plant: fruit habit when ripe	upright	bending to upright
<input type="checkbox"/> *Peduncle: length	medium	medium to long
<input type="checkbox"/> *Suckers: mean number of underground suckers per plant	few	few
<input type="checkbox"/> *Suckers on peduncle: mean number of aerial suckers per plant	medium	few
<input type="checkbox"/> *Suckers on peduncle: size of aerial suckers at fruit harvest	small	medium
<input type="checkbox"/> *Slips: presence/absence	present	present
<input type="checkbox"/> *Slips: number of slips	few	medium
<input type="checkbox"/> *Crown: height	medium	high
<input type="checkbox"/> Crown: weight	medium	medium to large

<input type="checkbox"/> *Fruit: breaking from peduncle	easy	easy
<input type="checkbox"/> *Fruit: shape when ripe	ovoid	ovoid
<input type="checkbox"/> *Fruit: predominant skin colour when ripe	golden yellow	yellow
<input type="checkbox"/> *Fruit: colour uniformity when ripe	with a gradient	with a gradient
<input type="checkbox"/> *Fruit: height (without neck)	short to medium	medium
<input type="checkbox"/> *Fruit: diameter at the middle	small to medium	medium
<input type="checkbox"/> *Fruit: weight (without crown)	low to medium	medium
<input type="checkbox"/> Fruit: eyes number	medium	small to medium
<input type="checkbox"/> *Fruit: eye relative surface	medium	medium to large
<input type="checkbox"/> *Fruit: eye profile	flat	flat
<input type="checkbox"/> *Fruit/flesh: colour	pale yellow	yellow
<input type="checkbox"/> *Fruit/flesh: visual appraisal of density or pulp density	strong	medium
<input checked="" type="checkbox"/> Fruit/flesh: firmness	medium to strong or firm	medium
<input type="checkbox"/> *Fruit/flesh: texture	fibrous	smooth
<input type="checkbox"/> Fruit/flesh: fibrousness	medium	low to medium
<input checked="" type="checkbox"/> Fruit/flesh: aroma	medium	high
<input checked="" type="checkbox"/> *Fruit/flesh: sugar taste	high	medium to high
<input type="checkbox"/> *Fruit/flesh: acidic taste	low to medium	low
<input type="checkbox"/> *Fruit/flesh: juiciness	medium	medium to high
<input checked="" type="checkbox"/> *Fruit/juice: sugar content (using refractometer)	high	medium to high

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Aus-Jubilee’</b>	<b>‘73-50’</b>
<input checked="" type="checkbox"/> Peduncle bract: presence of anthocyanin on upper bract surface	slight	strong
<input type="checkbox"/> Peduncle bract: colour of anthocyanin on upper face	48D	48D
<input type="checkbox"/> fruit: extent of flesh translucency midway up fruit	slight	moderate
<input checked="" type="checkbox"/> Fruit: eye height at middle of fruit	medium	large
<input checked="" type="checkbox"/> Fruit: eye width at middle of fruit	medium	large

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Aus-Jubilee’</b>	<b>‘73-50’</b>
<input type="checkbox"/> Plant: plant height to apex of flowering syncarp (cm)		
Mean	56.50	58.75
Std. Deviation	4.93	5.06
LSD/sig	7.80	ns
<input type="checkbox"/> Slips: number of slips		
Mean	0.27	1.20
Std. Deviation	0.60	1.39
LSD/sig	0.56	P≤0.01

<input type="checkbox"/> Sucker: length of longest sucker (cm)		
Mean	44.84	68.29
Std. Deviation	27.85	31.18
LSD/sig	15.87	P≤0.01
<input checked="" type="checkbox"/> Fruit: eye height (mm)		
Mean	24.75	29.04
Std. Deviation	1.65	2.10
LSD/sig	1.63	P≤0.01
<input checked="" type="checkbox"/> Fruit: eye width (mm)		
Mean	23.55	27.91
Std. Deviation	1.22	1.29
LSD/sig	1.06	P≤0.01
<input checked="" type="checkbox"/> Fruit: number of eyes		
Mean	118.65	94.27
Std. Deviation	19.75	11.50
LSD/sig	14.25	P≤0.01
<input type="checkbox"/> Fruit: ratio eye width to fruit diameter		
Mean	5.22	4.78
Std. Deviation	0.37	0.35
LSD/sig	0.28	P≤0.01
<input type="checkbox"/> Fruit: diameter at the middle (mm)		
Mean	123.00	133.07
Std. Deviation	10.11	7.86
LSD/sig	7.40	P≤0.01
<input type="checkbox"/> Fruit: weight without crown (g)		
Mean	1435.0	1765.00
Std. Deviation	381.00	336.00
LSD/sig	303.20	P≤0.01
<input type="checkbox"/> Fruit/flesh: juiciness (%)		
Mean	42.03	48.86
Std. Deviation	4.90	2.91
LSD/sig	3.83	P≤0.01
<input checked="" type="checkbox"/> Fruit/flesh: sugar content (using refractometer) (%)		
Mean	15.95	14.67
Std. Deviation	1.45	1.23
LSD/sig	1.09	P≤0.01
<input type="checkbox"/> Crown: height (mm)		
Mean	180.00	221.50
Std. Deviation	33.10	34.20
LSD/sig	28.7	P≤0.01
<input type="checkbox"/> Crown: weight (g)		
Mean	171.8	238.80
Std. Deviation	44.70	48.20
LSD/sig	36.78	P≤0.01
<input type="checkbox"/> Fruit: diameter of peduncle scar (mm)		
Mean	34.74	29.07

Std. Deviation	4.68	4.79
LSD/sig	3.80	P≤0.01
<input type="checkbox"/> Sucker: number of aerial suckers		
Mean	0.99	0.80
Std. Deviation	0.63	0.64
LSD/sig	0.34	ns
<input type="checkbox"/> Peduncle: length of peduncle (cm)		
Mean	24.18	25.04
Std. Deviation	3.36	11.44
LSD/sig	4.56	ns
<input type="checkbox"/> Peduncle: width of peduncle (mm)		
Mean	27.04	23.31
Std. Deviation	4.51	4.03
LSD/sig	2.27	P≤0.01

### **Prior Applications and Sales**

Nil prior applications. First sold in July, 2007. Approximately 11 pallet of fruit (7,250 fruit) test marketed as 1 consignment through Brisbane wholesale markets.

Description: **Garth Sanewski**, Maroochy Research Station, Nambour, QLD.



**Details of Application**

<b>Application Number</b>	2007/036
<b>Variety Name</b>	'Aus-Carnival'
<b>Genus Species</b>	<i>Ananas comosus</i>
<b>Common Name</b>	Pineapple
<b>Synonym</b>	Nil
<b>Accepted Date</b>	26 Feb 2007
<b>Applicant</b>	State of Queensland through its Department of Primary Industries and Fisheries, Brisbane, QLD
<b>Agent</b>	N/A
<b>Qualified Person</b>	Garth Sanewski

**Details of Comparative Trial**

<b>Location</b>	Maroochy Research Station, Nambour, QLD.
<b>Descriptor</b>	Pineapple ( <i>Ananas comosus</i> ) TG/PINEAP (proj. 1).
<b>Period</b>	Jun 2006 – Feb 2007.
<b>Conditions</b>	Plants treated according to standard commercial practices with the addition of trickle irrigation. Planting density of approximately 50,000 plants/ha.
<b>Trial Design</b>	Randomised Complete Block Design with 5 blocks of 10 plants per variety per block.
<b>Measurements</b>	Reference leaf and flower data collected on 2 plants/plot (total 10 samples/variety). All plant data collected on 10 plants/plot (total of 50 plants/variety). Fruit data collected on all harvested fruit. Eye dimensions collected on 3 eyes/fruit. Fruit firmness data collected with 3 measurements/fruit.
<b>RHS Chart - edition</b>	Third edition, 1995.

**Origin and Breeding**

Controlled pollination: 'Aus-Carnival' was developed using the seed parent '73-50' and pollen parent '53-116'. The pollinations were made in 1993 using conventional hand pollination protocols. The seed was extracted and germinated at Maroochy Research Station, Nambour in 1993. The seedlings were field-planted at Maroochy Research Station in 1995. The original seedling, designated '7-1627', was harvested on 2 June 1997. The seed parent is characterised by high flesh aroma, moderate high sugar, low acidity and yellow flesh. The pollen parent is characterised by low acidity and high resistance to internal browning. Selection criteria: characters used in the selection include piping leaf margin, good fruit weight, high total soluble solids, low acidity, good flavour, yellow flesh and high ratoon yield. Propagation: the vegetative shoots on the original seedling were collected and planted on MRS in 1997. Replantings using the same method were made approximately every 2 years. In addition approximately 500 plants were produced through meristem culture at MRS using standard protocols for pineapple. Plants considered not similar to the original were discarded at each planting.

**Choice of Comparators** Characteristics 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 pigmentation	present
Leaf	margin type	piping

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘53-116’	Pollen parent to ‘Aus-Carnival’.
‘73-50’	Seed parent to ‘Aus-Carnival’.

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Smooth Cayenne’	leaf	margin type	piping	spiny tip
‘73-114’	leaf	anthocyanin pigmentation	present	absent
‘73-114’	leaf	margin type	piping	spiny tip

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

Organ/Plant Part: Context	‘Aus-Carnival’	‘53-116’	‘73-50’
<input type="checkbox"/> *Plant: foliage attitude	semi-erect	semi-erect to spreading	spreading
<input type="checkbox"/> Reference leaf: length	long	short to medium	medium
<input type="checkbox"/> Reference leaf: maximum width	medium	medium	narrow to medium
<input type="checkbox"/> Reference leaf: weight	medium	low	medium
<input type="checkbox"/> *Leaf: predominant colour (on upper face)	green	green	green
<input type="checkbox"/> *Leaf: presence of anthocyanins (on upper surface)	present	present	present
<input type="checkbox"/> *Leaf: level of expression of anthocyanins	weak to medium	weak to medium	medium
<input checked="" type="checkbox"/> Leaf: cross distribution of anthocyanins	mainly on margins	uniform on margins and in the groove	mainly on margins
<input checked="" type="checkbox"/> Leaf: distribution of anthocyanins lengthwise	mainly towards the base	mainly towards the apex	mainly towards the apex
<input type="checkbox"/> *Leaf: leaf edges aspect	piping	piping	piping
<input checked="" type="checkbox"/> *Peduncle: colour of ventral upper face of bract leaves	34A	39A	34D
<input type="checkbox"/> Inflorescence: area of petal without colouration	medium	small	small to medium
<input type="checkbox"/> *Plant: fruit habit when ripe	bending to upright	bending to upright	bending to upright
<input type="checkbox"/> *Peduncle: length	medium to long	medium	medium

<input type="checkbox"/> *Suckers: mean number of underground suckers per plant	none or very few	none or very few	none or very few to few
<input type="checkbox"/> *Suckers on peduncle: mean number of aerial suckers per plant	medium to many	none or very few to few	medium
<input type="checkbox"/> *Suckers on peduncle: size of aerial suckers at fruit harvest	large to very large	small to medium	medium to large
<input type="checkbox"/> *Slips: presence/absence	present	present	present
<input type="checkbox"/> *Slips: number of slips	very few	medium	medium
<input type="checkbox"/> Crown: proportion of plants with multiple crowns	none or very low	low	none or very low
<input type="checkbox"/> *Crown: height	medium to high	medium	high
<input type="checkbox"/> Crown: weight	medium	small	medium
<input type="checkbox"/> *Fruit: breaking from peduncle	easy	easy	easy
<input type="checkbox"/> *Fruit: shape when ripe	ovoid	globular	ovoid
<input type="checkbox"/> *Fruit: predominant colour when ripe	green and yellow	green and yellow	yellow
<input type="checkbox"/> *Fruit: colour uniformity when ripe	with a gradient	with a gradient	with a gradient
<input type="checkbox"/> *Fruit: height (without neck)	medium	medium	medium
<input type="checkbox"/> *Fruit: diameter at the middle	medium	medium	medium
<input type="checkbox"/> *Fruit: weight (without crown)	medium	medium	medium
<input type="checkbox"/> Fruit: eyes number	medium	medium to large	medium
<input type="checkbox"/> *Fruit: eye relative surface	medium	small to medium	medium
<input type="checkbox"/> *Fruit: eye profile	flat	flat	flat
<input type="checkbox"/> *Fruit/flesh: colour	yellow	pale yellow	yellow
<input type="checkbox"/> Fruit/flesh: core diameter	small	small to medium	medium
<input type="checkbox"/> Fruit/flesh: eye depth	weak	weak to medium	medium
<input type="checkbox"/> *Fruit/flesh: visual appraisal of density or pulp density	medium	medium to strong	weak to medium
<input type="checkbox"/> *Fruit/flesh: texture	smooth	fibrous	smooth
<input type="checkbox"/> Fruit/flesh: fibrousness	medium	medium to high	low to medium
<input type="checkbox"/> Fruit/flesh: aroma	medium	low	high
<input type="checkbox"/> *Fruit/flesh: sugar taste	high	low to medium	medium to high
<input type="checkbox"/> *Fruit/flesh: acidic taste	medium	low	low to medium
<input type="checkbox"/> *Fruit/flesh: juiciness	medium	medium to high	medium to high
<input type="checkbox"/> *Fruit/juice: sugar content (using refractometer)	high	low to medium	medium to high

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Aus-Carnival’</b>	<b>‘53-116’</b>	<b>‘73-50’</b>
<input checked="" type="checkbox"/> Crown: presence of anthocyanin on leaf tips 1 month after anthesis	moderate	slight	strong

<input checked="" type="checkbox"/> Crown: predominate colour of leaf tips 1 month after anthesis	dull red	red/brown	pink/red
<input type="checkbox"/> Fruit: extent of flesh translucency midway up fruit	very slight	moderate	very slight
<input type="checkbox"/> Reference leaf: cross-section midway along leaf	slightly concave to concave	flat to slightly concave	slightly concave to concave
<input type="checkbox"/> Crown: diameter of crown base	medium	small to medium	large
<input checked="" type="checkbox"/> Peduncle bract: presence of anthocyanin on upper bract surface	medium	strong	medium
<input type="checkbox"/> Plant: plant height to apex of flowering syncarp	tall	short	medium
<input type="checkbox"/> Fruit: eye height at middle of fruit	large	medium	medium
<input type="checkbox"/> Fruit: eye width at middle of fruit	large	medium	large

### Statistical Table

Organ/Plant Part: Context	‘Aus-Carnival’	‘53-116’	‘73-50’
<input type="checkbox"/> Plant: plant height to apex of flowering syncarp			
Mean	53.6	43.0	47.5
Std. Deviation	4.03	5.70	4.70
LSD/sig	4.8	P≤0.01	P≤0.01
<input type="checkbox"/> Slips: number of slips			
Mean	0.40	1.40	1.60
Std. Deviation	0.88	1.13	1.59
LSD/sig	0.61	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> suckers: number of aerial suckers			
Mean	1.22	0.50	0.78
Std. Deviation	0.74	0.61	0.62
LSD/sig	0.33	P≤0.01	P≤0.01
<input type="checkbox"/> Suckers: sucker length (cm)			
Mean	63.4	22.2	50.3
Std. Deviation	37.7	22.7	31.2
LSD/sig	23.01	P≤0.01	P≤0.01
<input type="checkbox"/> Reference leaf: maximum width (mm)			
Mean	56.5	57.7	50.9
Std. Deviation	4.12	3.30	2.40
LSD/sig	3.66	ns	P≤0.01
<input checked="" type="checkbox"/> Reference leaf: leaf area (cm <sup>2</sup> )			
Mean	520.3	417.3	423.2
Std. Deviation	93.1	39.6	66.2
LSD/sig	74.40	P≤0.01	P≤0.01
<input type="checkbox"/> Leaves: number of leaves			
Mean	40.8	37.2	38.8
Std. Deviation	5.40	3.60	5.70
LSD/sig	5.5	ns	ns
<input type="checkbox"/> Reference leaf: leaf weight (g)			

Mean	98.0	64.5	90.7
Std. Deviation	13.9	7.30	11.20
LSD/sig	12.48	P≤0.01	ns
<input type="checkbox"/> Fruit: weight of fruit (g)			
Mean	1454	1515	1505
Std. Deviation	391.0	388.8	252.0
LSD/sig	184.5	ns	ns
<input type="checkbox"/> Fruit: diameter at the middle (mm)			
Mean	122.9	124.6	125.3
Std. Deviation	11.2	8.4	8.2
LSD/sig	5.07	ns	ns
<input type="checkbox"/> Fruit: height (without neck) (mm)			
Mean	159.9	160.1	162.0
Std. Deviation	18.9	18.5	10.7
LSD/sig	8.68	ns	ns
<input type="checkbox"/> Fruit: eye height at the middle (mm)			
Mean	29.5	27.7	28.3
Std. Deviation	1.6	2.0	2.0
LSD/sig	1.05	P≤0.01	P≤0.01
<input type="checkbox"/> Fruit: diameter of peduncle scar (mm)			
Mean	24.7	23.3	25.4
Std. Deviation	4.1	3.4	2.8
LSD/sig	1.89	ns	ns
<input type="checkbox"/> Crown: diameter of crown base (mm)			
Mean	22.7	21.2	27.4
Std. Deviation	2.03	2.78	2.46
LSD/sig	1.39	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit/flesh: core diameter (mm)			
Mean	13.3	17.1	19.3
Std. Deviation	2.2	3.4	2.0
LSD/sig	1.37	P≤0.01	P≤0.01
<input type="checkbox"/> Fruit/flesh: juiciness (%)			
Mean	43.0	49.4	48.7
Std. Deviation	5.70	6.8	5.1
LSD/sig	3.56	P≤0.01	P≤0.01
<input type="checkbox"/> Fruit/flesh: firmness (kg/ 0.5cm <sup>2</sup> )			
Mean	8.8	9.5	8.2
Std. Deviation	0.7	1.4	0.9
LSD/sig	0.58	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Reference leaf: length (mm)			
Mean	1274.7	945.0	1093.4
Std. Deviation	79.7	50.5	80.2
LSD/sig	85.5	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Fruit: eye number			
Mean	95.9	111.4	97.3
Std. Deviation	17.5	16.2	10.3

LSD/sig	8.24	P≤0.01	ns
☐ Fruit: eye width at the middle (mm)			
Mean	24.9	23.8	25.6
Std. Deviation	1.9	1.5	1.60
LSD/sig	0.89	P≤0.01	ns
☐ Crown: height (mm)			
Mean	290.4	186.2	321.0
Std. Deviation	30.4	40.1	42.0
LSD/sig	21.3	P≤0.01	P≤0.01
☐ Crown: weight (g)			
Mean	301.2	110.0	285.1
Std. Deviation	64.2	36.5	57.6
LSD/sig	30.7	P≤0.01	P≤0.01
☐ Fruit/flesh: sugar content (using refractometer) (%)			
Mean	19.2	15.4	16.5
Std. Deviation	1.4	2.1	1.6
LSD/sig	0.89	P≤0.01	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Garth Sanewski**, Maroochy Research Station, Nambour, QLD.

**Details of Application**

<b>Application Number</b>	2003/080
<b>Variety Name</b>	'Emeraldstar'
<b>Genus Species</b>	<i>Pittosporum tenuifolium</i>
<b>Common Name</b>	Pittosporum
<b>Synonym</b>	Nil
<b>Accepted Date</b>	15 May 2003
<b>Applicant</b>	Grant Farmer McKechnie
<b>Agent</b>	Greenhills Propagation Nursery Pty Ltd
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Location</b>	Greenhills Propagation Nursery, Tynong, VIC.
<b>Descriptor</b>	Pittosporum ( <i>Pittosporum</i> ) PBR PITT.
<b>Period</b>	Spring/summer 2007.
<b>Conditions</b>	Plants were grown in 14cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
<b>Trial Design</b>	10 plants in block design.
<b>Measurements</b>	Leaf measurements taken from largest leaves.
<b>RHS Chart - edition</b>	2005.

**Origin and Breeding**

Seedling selection: a short seedling was selected from a batch of seedlings of *Pittosporum tenuifolium* in 1990. The seed parent is characterised by tall plant height. Cuttings were taken from this seedling, established, and then another generation of cuttings were taken from the young plants. This was repeated to determine distinctness, uniformity and stability. To date, the plant has been grown through three generations with no off-types being recorded. Selection criteria: leaf colour. Propagation: vegetative. Breeder: Grant McKechnie, Albany New Zealand.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	height	very short

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Green Pillar'	Closest very short variety

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>
'Tom Thumb'	Leaf	colour	green	purple
'Shorty'	Plant	height	very short	medium

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

<b>Organ/Plant Part: Context</b>	<b>‘Emeraldstar’</b>	<b>‘Green Pillar’</b>
<input type="checkbox"/> Plant: type	shrub	shrub
<input checked="" type="checkbox"/> Plant: density	very dense	medium
<input type="checkbox"/> Plant: attitude of distal part of branches	semi erect	erect
<input checked="" type="checkbox"/> New shoot: colour of stem	reddish	greenish
<input type="checkbox"/> New shoot: main colour of leaves (RHS Colour Chart)	yellow green N144A	yellow green N144A
<input type="checkbox"/> New shoot: main colour of midrib on leaves	greenish	greenish
<input type="checkbox"/> Stem: colour (RHS Colour Chart)	200C	Brown 200C
<input type="checkbox"/> Petiole: length	short	short
<input type="checkbox"/> Leaf blade: shape	elliptic	oblong
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> Leaf blade: shape of base	obtuse	obtuse
<input checked="" type="checkbox"/> Leaf blade: undulation of margin	medium to strong	very weak to weak
<input type="checkbox"/> Leaf blade: shape of margin	entire	entire
<input type="checkbox"/> Leaf blade: shape in cross section	concave	concave
<input type="checkbox"/> Leaf blade: curvature of longitudinal axis	weak	weak
<input type="checkbox"/> Leaf blade: number of colours on upper side	one	one
<input checked="" type="checkbox"/> Leaf blade: main colour on upper side (RHS Colour Chart)	green 146A	green 144A
<input checked="" type="checkbox"/> Leaf blade: main colour of lower side (RHS Colour Chart)	green 146B	yellow green 145A
<input checked="" type="checkbox"/> Leaf blade: glossiness	weak	medium
<input type="checkbox"/> Leaf blade: anthocyanin colouration	absent of very weak	absent of very weak
<input type="checkbox"/> Leaf blade: hairiness on lower side	absent or very weak	absent or very weak

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Emeraldstar’</b>	<b>‘Green Pillar’</b>
<input type="checkbox"/> Plant: width (mm)		
Mean	266.00	188.00
Std. Deviation	10.75	13.98
LSD/sig	87.95	ns
<input type="checkbox"/> Leaf: length (mm)		
Mean	21.68	28.73
Std. Deviation	1.54	2.92
LSD/sig	8.36	ns
<input type="checkbox"/> Leaf: length to width ratio (mm)		
Mean	1.85	1.74
Std. Deviation	0.70	0.12
LSD/sig	0.11	ns



☒ Plant: height (mm)

Mean	199.00	353.00
Std. Deviation	11.97	29.74
LSD/sig	144.02	$P \leq 0.01$

☐ Leaf: width (mm)

Mean	11.72	16.47
Std. Deviation	0.94	1.01
LSD/sig	5.08	ns

**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
New Zealand	2004	Granted	'Emeraldstar'

First sold in Australia in March 2003 under the name McKechnie.

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

**Details of Application**

<b>Application Number</b>	2006/213
<b>Variety Name</b>	'Golf Ball'
<b>Genus Species</b>	<i>Pittosporum tenuifolium</i>
<b>Common Name</b>	Pittosporum
<b>Synonym</b>	Nil
<b>Accepted Date</b>	26 Oct 2006
<b>Applicant</b>	M & R Fyfe, Hastings, New Zealand
<b>Agent</b>	Greenhills Propagation Nursery Pty Ltd, Tynong, Vic
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Location</b>	Greenhills Propagation Nursery, Tynong, Vic
<b>Descriptor</b>	Pittosporum ( <i>Pittosporum</i> ) PBR PITT.
<b>Period</b>	Spring/summer 2007
<b>Conditions</b>	Plants were grown in 14cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
<b>Trial Design</b>	10 plants in block design.
<b>Measurements</b>	Leaf measurements taken from largest leaves.
<b>RHS Chart - edition</b>	2005.

**Origin and Breeding**

Seedling selection: a short seedling was selected from a batch of seedlings of *Pittosporum tenuifolium* in 1997. The seed parent is characterised by tall plant height. Cuttings were taken from this seedling, established, and then another generation of cuttings were taken from the young plants. This was repeated to determine distinctness, uniformity and stability. To date, the plant has been grown through three generations with no off-types being recorded. Selection criteria: leaf colour. Propagation: vegetative. Breeder: Mark Fyfe, Hastings, New Zealand.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	height	very short

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Emeraldstar'	Closest very short variety

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>		<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>
'Tom Thumb'	Leaf	colour	green	purple
'Shorty'	Plant	height	very short	medium

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

<b>Organ/Plant Part: Context</b>	<b>‘Golf Ball’</b>	<b>‘Emeraldstar’</b>
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: height	very short	very short
<input type="checkbox"/> Plant: density	sparse	very dense
<input type="checkbox"/> Plant: attitude of distal part of branches	semi erect	semi erect
<input type="checkbox"/> New shoot: colour of stem	reddish	reddish
<input type="checkbox"/> New shoot: main colour of leaves (RHS Colour Chart)	yellow green N144A	yellow green N144A
<input type="checkbox"/> New shoot: main colour of midrib on leaves	greenish	greenish
<input type="checkbox"/> Stem: colour (RHS Colour Chart)	Brown 200C	Brown 200C
<input type="checkbox"/> Petiole: length	short	short
<input type="checkbox"/> Leaf blade: shape	elliptic	elliptic
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> Leaf blade: shape of base	obtuse	obtuse
<input checked="" type="checkbox"/> Leaf blade: undulation of margin	very weak	medium to strong
<input type="checkbox"/> Leaf blade: shape of margin	entire	entire
<input type="checkbox"/> Leaf blade: shape in cross section	flat	flat
<input type="checkbox"/> Leaf blade: curvature of longitudinal axis	weak	weak
<input type="checkbox"/> Leaf blade: number of colours on upper side	one	one
<input type="checkbox"/> Leaf blade: main colour on upper side (RHS Colour Chart)	green 144A	green 146A
<input checked="" type="checkbox"/> Leaf blade: main colour of lower side (RHS Colour Chart)	green 145A	green 146B
<input checked="" type="checkbox"/> Leaf blade: glossiness	medium	weak
<input type="checkbox"/> Leaf blade: anthocyanin colouration	absent of very weak	absent of very weak
<input type="checkbox"/> Leaf blade: hairiness on lower side	absent or very weak	absent or very weak

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Golf Ball’</b>	<b>‘Emeraldstar’</b>
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	22.21	21.68
Std. Deviation	1.88	1.54
LSD/sig	0.45	P≤0.01
<input type="checkbox"/> Leaf: width (mm)		
Mean	11.74	11.72
Std. Deviation	1.16	0.94
LSD/sig	0.02	ns
<input type="checkbox"/> Leaf: length to width ratio (mm)		
Mean	1.89	1.85
Std. Deviation	0.13	0.07
LSD/sig	0.05	ns

☒ Plant: height (mm)

Mean	223.00	199.00
Std. Deviation	14.94	11.97
LSD/sig	19.77	P≤0.01

☐ Plant: width (mm)

Mean	231.00	266.00
Std. Deviation	15.95	10.75
LSD/sig	36.64	ns

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
New Zealand	2002	Granted	‘Golf Ball’
EU	2005	Applied	‘Golf Ball’
USA	2003	Granted	‘Golf Ball’

First sold in New Zealand in Dec 2002 under the name ‘Golf Ball’

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

**Details of Application**

<b>Application Number</b>	2006/087
<b>Variety Name</b>	'Whitepol'
<b>Genus Species</b>	<i>Polygala xdalmaisiana</i>
<b>Common Name</b>	Polygala
<b>Synonym</b>	Nil
<b>Accepted Date</b>	1 Aug 2006
<b>Applicant</b>	Chris Cristou, Werribee South, VIC
<b>Agent</b>	N/A
<b>Qualified Person</b>	Mark Lunghusen

**Details of Comparative Trial**

<b>Location</b>	Cranbourne, VIC
<b>Descriptor</b>	General Descriptor (PBR GEN DES).
<b>Period</b>	Winter to summer 2007.
<b>Conditions</b>	Plants were grown in 14cm pots in full sun in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering.
<b>Trial Design</b>	10 plants in block design.
<b>Measurements</b>	Leaf measurements taken from largest leaves.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Seedling selection: a seedling was selected from a garden planting of *Polygala dalmasiana* 'Dazzler' in 2002. Cuttings were taken from this seedling, established, and then another generation of cuttings were taken from the young plants. This was repeated to determine distinctness, uniformity and stability. To date, the plant has been grown through three generations with no off-types being recorded. Selection criteria: leaf colour. propagation: vegetative. Breeder: Chris Christou, Werribee South, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	size	small

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Dazzler'	This is the closest variety based on plant size. Also the parent

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

<b>Organ/Plant Part: Context</b>	<b>‘Whitepol’</b>	<b>‘Dazzler’</b>
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input type="checkbox"/> Plant: size	small	small
<input checked="" type="checkbox"/> Plant: height	very short	short to medium
<input type="checkbox"/> Plant: width	narrow to medium	narrow to medium
<input type="checkbox"/> Plant: time of beginning of flowering	early	early
<input type="checkbox"/> Stem: degree of hairiness	low	low
<input checked="" type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	present
<input type="checkbox"/> Leaf: size	small	small
<input type="checkbox"/> Leaf: attitude	semi-erect	semi-erect
<input checked="" type="checkbox"/> Leaf: arrangement	alternate	opposite
<input type="checkbox"/> Leaf: length of blade	short	short
<input type="checkbox"/> Leaf: width of blade	narrow	narrow
<input type="checkbox"/> Leaf: length of petiole	very short	very short
<input type="checkbox"/> Leaf: shape	oval	ovate
<input checked="" type="checkbox"/> Leaf: shape of apex	rounded	acute
<input checked="" type="checkbox"/> Leaf: shape of base	cuneate	obtuse
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input checked="" type="checkbox"/> Leaf: undulation of the margin	absent	medium
<input type="checkbox"/> Leaf: shape of cross-section	flat	flat
<input type="checkbox"/> Leaf: curvature of longitudinal axis	slightly recurved	straight
<input type="checkbox"/> Leaf: glossiness of upper side	very weak	very weak
<input checked="" type="checkbox"/> Leaf: green colour	very light	light
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input checked="" type="checkbox"/> Leaf: primary colour (RHS colour chart)	144A	146B
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> Flower: diameter	medium	medium
<input type="checkbox"/> Flower: fragrance	absent	absent
<input type="checkbox"/> Flower: pedicel length	medium	medium
<input checked="" type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	155A	N80A
<input checked="" type="checkbox"/> Petal: predominant colour of lower side (RHS colour chart)	N144A	N81B
<input type="checkbox"/> Petal: eye zone (basal spot upper side)	absent	absent
<input type="checkbox"/> Petal: reflexing of margin	absent or very weak	absent or very weak
<input type="checkbox"/> Petal: incision	absent or very weak	absent or very weak

<input type="checkbox"/> Petal: undulation	absent or very weak	absent or very weak
<input type="checkbox"/> Petal: shape	cordate	cordate

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2003/339
<b>Variety Name</b>	'Cardinal'
<b>Genus Species</b>	<i>Rubus idaeus</i>
<b>Common Name</b>	Raspberry
<b>Synonym</b>	Nil
<b>Accepted Date</b>	5 Mar 2004
<b>Applicant</b>	Driscoll Strawberry Associates, Inc, Watsonville, CA, USA
<b>Agent</b>	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
<b>Qualified Person</b>	Margaret Zorin

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	US Patent and Trademark Office (USPTO)
<b>Overseas Data Reference Number</b>	PP14,903
<b>Location</b>	Watsonville, Monterey County, California, USA. Verified at Stanthorpe QLD, Australia.
<b>Descriptor Period</b>	Raspberry ( <i>Rubus idaeus</i> L.) TG/43/7. 1995-2003,
<b>Conditions</b>	Traditional cultural practices employ rooted cuttings planted into raised ridges of soil in winter, the plants are then trellised and primocane harvest commences approximately 7 months later in summer and autumn. At the end of the primocane fruit harvest the plants are pruned and the floricanes harvest commences in spring. Test plots for verification were planted in Sep 2006 at Stanthorpe, QLD and verified in 2007.
<b>Trial Design</b>	Comparative trial was conducted in open fields in full sunlight in Watsonville, California in 2001 and 2002. Plants were evaluated as both primocanes and floricanes. Rooted cuttings were planted in rows adjacent to test varieties including 'Heritage', an unpatented variety grown worldwide. All plants were subjected to standard growing conditions typical of commercial raspberry production in southern California.
<b>Measurements</b>	Measurements of plant, flower and fruit characteristics were made approximately seven months after planting for primocane production and approximately seventeen months after planting for floricanes production. All measurements were made in accordance with the UPOV Technical Guidelines and colours are described and the most similar colour designations are provided from the Royal Horticultural Society (RHS) Colour Chart.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Controlled pollination: the new variety of raspberry was developed from the hybridisation of the selection 'M48.9' (an unpatented variety) as the seed parent with the selection 'Gloria' (US Plant Patent PP11,067) as the pollen parent. The parents were crossed in 1994 and seedling selection was made in 1995 in a field planting at Carpinteria, California, USA. The new variety 'Cardinal' was asexually propagated by in vitro shoot tip culture and root sucker division and root cuttings and has been shown to maintain the desired characteristics after several generations. Plant breeders: Carlos D Fear (Aptos, CA, USA), Richard E Harrison (Aptos, CA, USA), Fred M Cook (Aptos, CA, USA) and Gavin Sills (Watsonville, CA, USA), all employees of Driscoll Strawberry Associates Inc Watsonville, 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	habit	erect
Spines	presence	absent
Leaf	green colour of upper side	dark green 147A
Very young shoot	anthocyanin colouration of apex during rapid growth	present
Fruit	general shape in lateral view	circular
Fruit	colour	medium red
Fruit	main bearing type	both previous year's cone in summer & current year's cone in autumn
Fruit	adherence to plug	medium
Time of	beginning of flowering on current seasons cane	early to medium

### **Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Heritage'	'Heritage' is an unpatented variety grown Worldwide and used as standard comparator
'Dulcita'	'Dulcita' US Plant patent PP14,904

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

Organ/Plant Part: Context	'Cardinal'	'Dulcita'	'Heritage'
<input type="checkbox"/> Plant: habit	upright	upright	upright
<input checked="" type="checkbox"/> *Plant: number of current season's canes	many	medium	medium
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present	present	present
<input checked="" type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	very weak	medium	medium
<input checked="" type="checkbox"/> Current season's cane: bloom	absent or very weak	weak	weak
<input checked="" type="checkbox"/> Current season's cane: anthocyanin colouration	absent or very weak		medium
<input checked="" type="checkbox"/> *Current season's cane: length (varieties which fruit on current season's cane in autumn)	medium to long		short to medium
<input checked="" type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season's cane in summer)	purplish brown	brown	brownish purple
<input type="checkbox"/> *Spines: presence	absent	absent	absent
<input type="checkbox"/> *Leaf: green colour of upper side	dark	dark	dark
<input checked="" type="checkbox"/> *Leaf: predominant number of leaflets	equally three and five	five	equally three and five
<input type="checkbox"/> Leaf: profile of leaflets in cross section	straight		
<input checked="" type="checkbox"/> *Leaf: rugosity	very weak	medium	medium
<input checked="" type="checkbox"/> Leaf: relative position of lateral leaflets	touching	overlapping	free
<input checked="" type="checkbox"/> Terminal leaflet: length	medium	medium to long	long
<input checked="" type="checkbox"/> Terminal leaflet: width	narrow	medium	narrow to medium
<input checked="" type="checkbox"/> Flower: size	small to medium	large	small to medium
<input checked="" type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on previous year's cane in summer)	semi-erect	erect	horizontal to drooping

<input checked="" type="checkbox"/> *Fruiting lateral: length (varieties which fruit on previous year's cane in summer)	long to very long	long	short
<input checked="" type="checkbox"/> *Fruit: length	medium to long	long	short to medium
<input checked="" type="checkbox"/> *Fruit: width	medium to broad	broad	narrow to medium
<input checked="" type="checkbox"/> *Fruit: ratio length/width	medium	small	small to medium
<input type="checkbox"/> *Fruit: general shape in lateral view	circular	circular	circular
<input checked="" type="checkbox"/> Fruit: size of single drupe	large	large	small
<input type="checkbox"/> *Fruit: colour	medium red	medium red	medium red
<input checked="" type="checkbox"/> Fruit: glossiness	weak	weak	medium
<input type="checkbox"/> *Fruit: firmness	firm	medium to firm	firm
<input type="checkbox"/> Fruit: adherence to plug	medium	medium	medium
<input type="checkbox"/> *Fruit: main bearing type	both previous year's cone in summer & current year's cone in autumn	both previous year's cone in summer & current year's cone in autumn	both previous year's cone in summer & current year's cone in autumn
<input checked="" type="checkbox"/> *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	early to medium	medium	medium to late
<input checked="" type="checkbox"/> *Time of: cane emergence (varieties which fruit on current year's cane in autumn)	very early to early	early	medium to late
<input type="checkbox"/> *Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	medium to late	medium	medium
<input type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	early to medium	early to medium	early to medium
<input checked="" type="checkbox"/> *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit on previous year's cane in summer)	early	early to medium	medium
<input type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	early	early	early to medium
<input checked="" type="checkbox"/> Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	medium to long	short to medium	short to medium
<input checked="" type="checkbox"/> Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	long	medium to long	long to very long

#### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Canada	2006	Applied	'Cardinal'
EU	2003	Applied	'Driscoll Cardinal'
USA	2002	Granted	'Driscoll Cardinal'

Prior sale nil.

Description: **Margaret Zorin**, 167 Collingwood Road, Birkdale, Qld 4159.

**Details of Application**

<b>Application Number</b>	2003/338
<b>Variety Name</b>	'Maravilla'
<b>Genus Species</b>	<i>Rubus idaeus</i>
<b>Common Name</b>	Raspberry
<b>Synonym</b>	Nil
<b>Accepted Date</b>	5 Mar 2004
<b>Applicant</b>	Driscoll Strawberry Associates, Inc, Watsonville, CA, USA
<b>Agent</b>	Phillips Ormonde & Fitzpatrick, Melbourne, VIC
<b>Qualified Person</b>	Margaret Zorin

**Details of Comparative Trial**

<b>Overseas Testing Authority</b>	US Patent and Trademark Office (USPTO)
<b>Overseas Data Reference Number</b>	PP14,804
<b>Location</b>	Watsonville, Monterey County, California USA Verified at Stanthorpe, Qld, Australia
<b>Descriptor Period</b>	Raspberry ( <i>Rubus idaeus</i> L.) TG/43/7 1998-2002
<b>Conditions</b>	Traditional cultural practices are employed where rooted cuttings are planted into raised ridges of soil in winter, the plants are then trellised and primocane harvest commences 7-8 months later in summer and autumn. At the end of the primocane harvest plants are pruned and the floricanes harvest commences in early spring. Test plots for verification were planted in September 2006 at Stanthorpe, QLD and verified 2007.
<b>Trial Design</b>	Comparative trial was conducted in open fields in full sunlight and evaluated as both primocanes and floricanes in Watsonville, California between 2001 and 2002. Seedlings of 'Maravilla' were planted in rows and compared with the unpatented variety 'Heritage' and the nearest other available variety 'Francesca'. All plants were subject to standard growing conditions typical of commercial raspberry production in southern California USA.
<b>Measurements</b>	Measurements of plant, flower and fruit characteristics were made approximately 7 months after planting for primocane production and seventeen months after planting for floricanes production. All measurements were made in accordance with the UPOV Technical Guidelines and colours are described and most similar colour designations are provided from the Royal Horticultural Society (RHS) Colour Charts.
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

Controlled pollination: the new variety of raspberry plant 'Maravilla' was developed from the hybridisation of the selection 'Q491.1' (an unpatented variety) as the seed parent with the selection 'Q480.3' (an unpatented variety) as the pollen parent. Seedlings from this cross were planted in 1996 and final selection was made in 1998. The new variety 'Maravilla' has been asexually propagated by in vitro shoot tip culture, root sucker division and root cuttings and has been shown to maintain the desired distinguishing characteristics after propagation over several generations. Breeder: Carlos D Fear (Aptos, CA, USA), Richard E Harrison (Aptos, CA, USA), Fred M Cook (Aptos, CA, USA) and Gavin Sills (Watsonville, CA, USA), all employees of Driscoll Strawberry Associates Inc Watsonville, 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	spines	absent
Leaf	colour of upper side	dark green
Plant	dormant cane colour	brownish purple
Fruit	colour	medium red
Fruit	adherence to plug	medium
Fruit	main bearing type	both
Plant	very young shoot anthocyanin colour at apex	present

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘Heritage’	Unpatented variety in most common use throughout the World.
‘Francesca’	US PP14,860 closest available commercial variety grown in California USA.

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

Organ/Plant Part: Context	‘Maravilla’	‘Francesca’	‘Heritage’
<input checked="" type="checkbox"/> Plant: habit	semi-upright	semi-upright	upright
<input type="checkbox"/> *Plant: number of current season’s canes	medium	medium	medium
<input type="checkbox"/> *Very young shoot: anthocyanin colouration of apex during rapid growth	present	present	present
<input checked="" type="checkbox"/> *Very young shoot: intensity of anthocyanin colouration of apex during rapid growth	medium	very weak to weak	medium
<input checked="" type="checkbox"/> Current season’s cane: bloom	weak	strong	weak
<input checked="" type="checkbox"/> Current season’s cane: anthocyanin colouration	weak	medium	medium
<input checked="" type="checkbox"/> Current season’s cane: length of internode	long	short to medium	
<input type="checkbox"/> *Dormant cane: colour (varieties which fruit on previous season’s cane in summer)	brownish purple	brownish purple	brownish purple
<input type="checkbox"/> *Spines: presence	absent	absent	absent
<input type="checkbox"/> *Leaf: green colour of upper side	dark	dark	dark
<input checked="" type="checkbox"/> *Leaf: predominant number of leaflets	five	equally three and five	equally three and five
<input checked="" type="checkbox"/> *Leaf: rugosity	medium	weak	medium
<input checked="" type="checkbox"/> Leaf: relative position of lateral leaflets	overlapping	free	free
<input checked="" type="checkbox"/> Terminal leaflet: length	short to medium	medium	long
<input checked="" type="checkbox"/> Terminal leaflet: width	medium to broad	medium to broad	narrow to medium
<input checked="" type="checkbox"/> Flower: size	small	medium	small to medium
<input checked="" type="checkbox"/> Fruiting lateral: attitude (varieties which fruit on previous year’s cane in summer)	semi-erect	semi-erect	horizontal to drooping
<input type="checkbox"/> *Fruiting lateral: length (varieties which fruit on previous year’s cane in summer)	long to very long	long	
<input checked="" type="checkbox"/> *Fruit: length	long	long	short to medium
<input checked="" type="checkbox"/> *Fruit: width	broad to very	medium to broad	narrow to medium

	broad		
<input type="checkbox"/> *Fruit: ratio length/width	small to medium	medium	small to medium
<input checked="" type="checkbox"/> *Fruit: general shape in lateral view	broad conical	broad conical	circular
<input checked="" type="checkbox"/> Fruit: size of single drupe	large	medium to large	small
<input type="checkbox"/> *Fruit: colour	medium red	medium red	medium red
<input checked="" type="checkbox"/> Fruit: glossiness	medium	weak	medium
<input checked="" type="checkbox"/> *Fruit: firmness	firm	medium	firm
<input type="checkbox"/> Fruit: adherence to plug	medium	medium	medium
<input type="checkbox"/> *Fruit: main bearing type	both previous year's cone in summer & current year's cone in autumn	both previous year's cone in summer & current year's cone in autumn	both previous year's cone in summer & current year's cone in autumn
<input checked="" type="checkbox"/> *Plant: time of vegetative bud burst (varieties which fruit on previous year's cane in summer)	early	early	medium to late
<input checked="" type="checkbox"/> *Time of: cane emergence (varieties which fruit on current year's cane in autumn)	early	early	medium to late
<input type="checkbox"/> *Time of: beginning of flowering on previous year's cane (varieties which fruit on previous year's cane in summer)	medium to late	medium	medium
<input type="checkbox"/> *Time of: beginning of flowering on current season's cane (varieties which fruit on current year's cane in autumn)	early to medium	early	early to medium
<input type="checkbox"/> *Time of: beginning of fruit ripening on previous year's cane (varieties which fruit on previous year's cane in summer)	medium to late	medium to late	medium
<input checked="" type="checkbox"/> *Time of: beginning of fruit ripening on current year's cane (varieties which fruit on current year's cane in autumn)	medium to late	early	early to medium
<input checked="" type="checkbox"/> Length of: fruiting period on previous year's cane (varieties which fruit on previous year's cane in summer)	long	medium	medium
<input checked="" type="checkbox"/> Length of: fruiting period on current year's cane (varieties which fruit on current year's cane in autumn)	long	short to medium	long to very long

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Canada	2006	Applied	'Maravilla'
Chile	2006	Granted	'Driscoll Maravilla'
EU	2003	Granted	'Driscoll Maravilla'
USA	2002	Granted	'Driscoll Maravilla'
South Africa	2003	Applied	'Maravilla'

Prior sale nil.

Description: **Margaret Zorin**, 167 Collingwood Road, Birkdale, Qld 4159.

**Details of Application**

<b>Application Number</b>	2006/115
<b>Variety Name</b>	'Grandtang'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	Nil
<b>Accepted Date</b>	30 May 2006
<b>Applicant</b>	Mr H Schreuders
<b>Agent</b>	Grandiflora Nurseries Pty Ltd, Skye, VIC
<b>Qualified Person</b>	Christopher Prescott

**Details of Comparative Trial**

<b>Location</b>	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
<b>Descriptor</b>	Rose (new) TG/11/8.
<b>Period</b>	2007.
<b>Conditions</b>	Trial conducted in a controlled environment polyhouse with shade, temperature ranged between 15 and 36 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 330mm (3 plants per pot) and in an open polyhouse without shade, temperature ranged between 12 and 38 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
<b>Trial Design</b>	160 plants of 'Grandtang' on benches two plants deep, arranged in rows as part of commercial flower growing operation and 6 plants of 'Tan01693' on benches two or three plants deep, arranged in blocks within the centralised testing centre for roses.
<b>Measurements</b>	From 6 plants at random. One sample per plant stem.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Controlled pollination: 'Grandtang' was a resultant seedling from a cross between an unnamed seedling 'S11' (seed parent) from the breeding program of Harry Schreuders at his property in Skye, VIC, and 'Korblekaf' (pollen parent), between Aug and Nov 2002. The initial selection took place in Sep 2003 and went through subsequent selections in 2004, 2005 and finally in Jan 2006. All work was conducted by or under the supervision of Mr Harry Schreuders, Managing Director of Grandiflora Nurseries Pty Ltd.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour group	orange blend
Plant	growth type	bed

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Tan01693'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Korablekaf'	Flower      petal number	many	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	'Grandtang'	'Tan01693'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	tall to very tall	tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	strong
<input type="checkbox"/> Stem: number of prickles	medium	medium
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large	large to very large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	medium	dark to very dark
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	weak	medium to strong
<input type="checkbox"/> *Leaflet: undulation of margin	weak	weak
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input checked="" type="checkbox"/> Terminal leaflet: shape of base of blade	obtuse	rounded
<input type="checkbox"/> Terminal leaflet: shape of apex of blade	obtuse	obtuse
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input checked="" type="checkbox"/> Flowering shoot: number of flowering laterals	very few	few
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	very few	very few
<input type="checkbox"/> Flower bud: shape in longitudinal section	broad ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input checked="" type="checkbox"/> *Flower: number of petals	many	many to very many
<input type="checkbox"/> *Flower: colour group	orange blend	orange blend
<input type="checkbox"/> Flower: colour of the centre	orange	orange
<input checked="" type="checkbox"/> Flower: density of petals	medium	dense
<input type="checkbox"/> *Flower: diameter	large to very large	large to very large
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex
<input type="checkbox"/> *Flower: profile of lower part	flat	flat

<input checked="" type="checkbox"/> Flower: fragrance	medium	absent or weak
<input type="checkbox"/> *Sepal: extensions	weak to medium	weak
<input type="checkbox"/> Petals: reflexing of petals one-by-one	present	present
<input type="checkbox"/> *Petal: shape	obcordate	obcordate
<input checked="" type="checkbox"/> Petal: incisions	absent or very weak	medium to strong
<input type="checkbox"/> Petal: reflexing of margin	medium to strong	medium to strong
<input type="checkbox"/> Petal: undulation	absent or very weak	absent or very weak
<input type="checkbox"/> *Petal: size	large	medium to large
<input type="checkbox"/> *Petal: length	medium	medium
<input type="checkbox"/> *Petal: width	medium to broad	medium to broad
<input type="checkbox"/> *Petal: number of colours on inner side	one	one
<input checked="" type="checkbox"/> *Petal: intensity of colour	lighter towards the top	even
<input checked="" type="checkbox"/> *Petal: main colour on the inner side (RHS Colour Chart)	23A	20A
<input type="checkbox"/> *Petal: basal spot on the inner side	present	present
<input checked="" type="checkbox"/> *Petal: size of basal spot on inner side	medium	small
<input type="checkbox"/> *Petal: colour of basal spot on inner side	medium yellow	medium yellow
<input type="checkbox"/> *Petal: main colour on the outer side (RHS Colour Chart)	31A	31A
<input type="checkbox"/> Outer stamen: predominant colour of filament	medium yellow	medium yellow
<input checked="" type="checkbox"/> Seed vessel: size	small	medium
<input checked="" type="checkbox"/> Hip: shape in longitudinal section	funnel-shaped	pitcher-shaped

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Grandtang’</b>	<b>‘Tan01693’</b>
<input checked="" type="checkbox"/> Flower: number of petals		
Mean	58.40	81.20
Std. Deviation	2.07	12.83
LSD/sig	21.78	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Christopher Prescott**, Prescott Roses Pty Ltd, Clyde, VIC.



**Details of Application**

<b>Application Number</b>	2004/012
<b>Variety Name</b>	'Kribigpea'
<b>Genus Species</b>	<i>Rosa</i> hybrid
<b>Common Name</b>	Rose
<b>Synonym</b>	Nil
<b>Accepted Date</b>	3 Mar 2004
<b>Applicant</b>	Lux Riviera S.r.l., Ventimiglia, Italy.
<b>Agent</b>	Grandiflora Nurseries Pty Ltd, Skye, VIC
<b>Qualified Person</b>	Christopher Prescott

**Details of Comparative Trial**

<b>Location</b>	145 Moores Road, Clyde, VIC (Latitude 38°09' South, elevation 16m).
<b>Descriptor</b>	Rose (New) ( <i>Rosa</i> ) TG/11/8.
<b>Period</b>	2005-2007.
<b>Conditions</b>	Trial conducted in an open polyhouse without shade, temperature ranged between 12 and 38 degrees Celsius within the 6 weeks prior to examination (1 growth cycle) with plants on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition was maintained as part of a commercial hydroponic system, pest and disease treatments applied as required.
<b>Trial Design</b>	8 plants of 'Kribigpea' and 8 plants of the comparator 'Pannaran' on benches two plants deep, arranged in blocks within the centralised testing centre for roses.
<b>Measurements</b>	From 6 plants at random. One sample per plant stem.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Controlled pollination: 'Kribigpea' was the resultant seedling from a cross between 'Korlimlt' (seed parent and 'Rouge Antibes' (pollen parent) in 1992. The variety had gone through the next four years of subsequent selection with each year a new generation was propagated from the previous generation but in greater numbers. In 1996 'Kribigpea' was finally selected as having and maintaining the characteristics deemed necessary to fulfil the requirements of a commercial cut rose variety and was then assigned to Lux Riviera srl. Breeder: Madame Michel Kriloff, Antibes, France.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Flower	colour	orange blend
Plant	growth type	bed

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Pannaran'	

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Krivagold'	flower colour	orange blend	yellow blend

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

Organ/Plant Part: Context	'Kribigpea'	'Pannaran'
<input type="checkbox"/> *Plant: growth type	bed	bed
<input type="checkbox"/> *Plant: growth habit (excluding varieties with growth type climber)	upright	upright
<input type="checkbox"/> Plant: height	tall	medium to tall
<input type="checkbox"/> Young shoot: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> Young shoot: intensity of anthocyanin colouration	medium	weak
<input checked="" type="checkbox"/> Stem: number of prickles	very few to few	medium to many
<input type="checkbox"/> Prickles: predominant colour	reddish	reddish
<input type="checkbox"/> Leaf: size	large to very large	large to very large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: glossiness of upper side	weak to medium	weak to medium
<input checked="" type="checkbox"/> *Leaflet: undulation of margin	weak	medium
<input type="checkbox"/> *Terminal leaflet: shape of blade	ovate	ovate
<input type="checkbox"/> Terminal leaflet: shape of base of blade	rounded	rounded
<input checked="" type="checkbox"/> Terminal leaflet: shape of apex of blade	obtuse	acute
<input type="checkbox"/> Flowering shoot: flowering laterals	present	present
<input type="checkbox"/> Flowering shoot: number of flowering laterals	few to medium	medium
<input type="checkbox"/> Flowering shoot: number of flowers per lateral (varieties with flowering laterals only)	few to medium	few
<input checked="" type="checkbox"/> Flower bud: shape in longitudinal section	medium ovate	broad ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals	medium	medium to many
<input type="checkbox"/> *Flower: colour group	orange blend	orange blend
<input type="checkbox"/> Flower: colour of the centre	orange	orange
<input type="checkbox"/> Flower: density of petals	loose	loose to medium
<input type="checkbox"/> *Flower: diameter	large	large
<input type="checkbox"/> *Flower: shape	irregularly rounded	irregularly rounded
<input type="checkbox"/> Flower: profile of upper part	flattened convex	flattened convex
<input checked="" type="checkbox"/> *Flower: profile of lower part	flattened convex	flat
<input checked="" type="checkbox"/> Flower: fragrance	absent or weak	medium
<input type="checkbox"/> *Sepal: extensions	medium to strong	medium

<input type="checkbox"/>	Petals: reflexing of petals one-by-one	present	present
<input checked="" type="checkbox"/>	*Petal: shape	obcordate	rounded
<input type="checkbox"/>	Petal: incisions	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: reflexing of margin	weak to medium	weak to medium
<input type="checkbox"/>	Petal: undulation	weak to medium	weak
<input type="checkbox"/>	*Petal: size	medium to large	medium
<input type="checkbox"/>	*Petal: length	medium to long	medium
<input type="checkbox"/>	*Petal: width	medium to broad	medium
<input type="checkbox"/>	*Petal: number of colours on inner side	two	two
<input type="checkbox"/>	*Petal: intensity of colour	lighter towards the base	even
<input checked="" type="checkbox"/>	*Petal: main colour on the inner side (RHS Colour Chart)	35C	35B
<input checked="" type="checkbox"/>	*Petal: secondary colour (varieties with two or more colours on inner side of petal only) (RHS Colour Chart)	11A	31B
<input checked="" type="checkbox"/>	*Petal: distribution of secondary colour on inner side (varieties with two or more colours on inner side of petal)	at base	at apex
<input type="checkbox"/>	*Petal: basal spot on the inner side	present	present
<input type="checkbox"/>	*Petal: size of basal spot on inner side	very small	small
<input type="checkbox"/>	*Petal: colour of basal spot on inner side	medium yellow	medium yellow
<input checked="" type="checkbox"/>	*Petal: main colour on the outer side (RHS Colour Chart)	4D	29C
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	medium yellow	orange
<input type="checkbox"/>	Seed vessel: size	medium	small to medium
<input type="checkbox"/>	Hip: shape in longitudinal section	pitcher-shaped	pitcher-shaped

#### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
Colombia	2004	Applied	‘Kribigpea’
South Korea	2002	Granted	‘Kribigpea’

First sold in Italy in Aug 2002.

Description: **Christopher Prescott**, Prescott Roses Pty Ltd, Clyde, VIC.

**Details of Application**

<b>Application Number</b>	2007/059
<b>Variety Name</b>	'Heatwave Blaze'
<b>Genus Species</b>	<i>Salvia</i> hybrid
<b>Common Name</b>	Sage
<b>Synonym</b>	Nil
<b>Accepted Date</b>	9 Mar 2007
<b>Applicant</b>	Plant Growers Australia Pty. Ltd., Wonga Park, VIC
<b>Agent</b>	Plants Management Australia Pty. Ltd., Wonga Park, VIC
<b>Qualified Person</b>	Steve Eggleton

**Details of Comparative Trial**

<b>Location</b>	Wonga Park, VIC
<b>Descriptor</b>	Salvia (New) ( <i>Salvia</i> ) PBR SALV 2
<b>Period</b>	Jul 2007 to Nov 2007
<b>Conditions</b>	Trial conducted in the open, plants propagated from cuttings during Jul 2007, transferred from plugs to 140mm pots in Sep 2007. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required.
<b>Trial Design</b>	Twelve pots of each variety in a completely randomised design.
<b>Measurements</b>	From ten plants randomly selected.
<b>RHS Chart - edition</b>	1995

**Origin and Breeding**

Controlled pollination: occurred between Jan and Mar 2003 at Wonga Park, VIC, Australia. This was part of a breeding program designed to hybridize forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants being more robust as garden specimens and in a range of flower colours. An assorted range of *greggii* forms were all pollinated with *S. microphylla* 'San Carlos Festival'. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant habit, medium and petal colour red-purple. The selection was made over a period of months from Oct 2003. From this selection cuttings were taken and further plants grown to maturity. During 2005 further plants were grown in a small production trial and once selection was approved for commercialisation these were used as mother stock. Propagation: will continue to be cuttings. Breeder: Plant Growers Australia Pty. Ltd., Wonga Park, VIC

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	density	medium
Corolla	predominant colour of lower lip	red or red-purple
Leaf	shape of apex	acute
Leaf	presence of variegation	absent
Leaf	incision of margin	present

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Heatwave Sizzle'	from same parentage
'San Carlos Festival'	parent

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
<i>S. greggii</i> red leaf	incision of margin	present	absent
<i>S. greggii</i> red inflorescence	number of flowers per node	1,2 or more	1 or 2 only

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

Organ/Plant Part: Context	‘Heatwave Blaze’	‘Heatwave Sizzle’	‘San Carlos Festival’
<input type="checkbox"/> *Plant: growth habit	bushy to spreading	bushy	bushy
<input type="checkbox"/> *Plant: density	medium	medium	medium
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	medium to strong	very weak to weak	weak
<input type="checkbox"/> Leaf: shape	ovate	ovate	ovate
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input checked="" type="checkbox"/> Leaf: shape of base	cuneate	cuneate	obtuse
<input type="checkbox"/> Leaf: incision of margin	present	present	present
<input checked="" type="checkbox"/> Leaf: depth of incision	shallow to medium	shallow to medium	medium to deep
<input type="checkbox"/> Leaf: type of incision	crenate	crenate	crenate
<input checked="" type="checkbox"/> Leaf: undulation of the margin	weak	weak	medium
<input checked="" type="checkbox"/> Leaf: prominence of venation	medium	medium	strong
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium	medium	weak
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	yellow-green 146B	yellow-green 146B	yellow-green 146B
<input type="checkbox"/> Inflorescence: number of flowers per node	1, 2 or more	1, 2 or more	1, 2 or more
<input checked="" type="checkbox"/> Cylx: anthocyanin colouration	strong to very strong	strong	weak to medium
<input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart)	red-purple 61A	red - purple 57A	red - purple 66A

**Prior Applications and Sales**

First sold in Australia in Mar 2006 under the name ‘Heatwave Blaze’.

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

**Details of Application**

<b>Application Number</b>	2007/060
<b>Variety Name</b>	'Heatwave Sizzle'
<b>Genus Species</b>	<i>Salvia</i> hybrid
<b>Common Name</b>	Sage
<b>Synonym</b>	
<b>Accepted Date</b>	21 Mar 2007
<b>Applicant</b>	Plant Growers Australia Pty. Ltd., Wonga Park, VIC
<b>Agent</b>	Plants Management Australia Pty. Ltd., Wonga Park, VIC
<b>Qualified Person</b>	Steve Eggleton

**Details of Comparative Trial**

<b>Location</b>	Wonga Park VIC.
<b>Descriptor</b>	Salvia (new) ( <i>Salvia</i> ) PBR SALV 2
<b>Period</b>	Jul 07 to Nov 07.
<b>Conditions</b>	Trial conducted in the open, plants propagated from cuttings during Jul 07, transferred from plugs to 140mm pots in Sep 2007. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required.
<b>Trial Design</b>	Twelve pots of each variety in a completely randomised design.
<b>Measurements</b>	From ten plants randomly selected.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Controlled pollination: occurred between Jan and Mar 2003 at Wonga Park, VIC, Australia. This was part of a breeding program designed to hybridize forms of *Salvia greggii* with *Salvia microphylla* with the aim of producing plants being more robust as garden specimens and in a range of flower colours. An assorted range of *S. greggii* forms were all pollinated with *S. microphylla* 'San Carlos Festival'. This seed was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant habit, medium and petal colour red-purple. The selection was made over a period of months from Oct 2003. From this selection cuttings were taken and further plants grown to maturity. During 2005 further plants were grown in a small production trial and once selection was approved for commercialisation these were used as mother stock. Propagation: will continue to be cuttings. Breeder: Plant Growers Australia Pty. Ltd., Wonga Park, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	density	medium
Leaf	shape of apex	acute
Leaf	presence of variegation	absent
Leaf	incision of margin	present

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Heatwave Blaze'	from same parentage
'San Carlos Festival'	parent

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
<i>S. greggii</i> red leaf	incision of margin	present	absent
<i>S. greggii</i> red inflorescence	number of flowers per 1, 2 or more node		1 or 2 only

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

Organ/Plant Part: Context	‘Heatwave Sizzle’	‘Heatwave Blaze’	‘San Carlos Festival’
<input type="checkbox"/> *Plant: growth habit	bushy	bushy to spreading	bushy
<input type="checkbox"/> *Plant: density	medium	medium	medium
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	very weak to weak	medium to strong	weak
<input type="checkbox"/> Leaf: shape	ovate	ovate	ovate
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input checked="" type="checkbox"/> Leaf: shape of base	cuneate	cuneate	obtuse
<input type="checkbox"/> Leaf: incision of margin	present	present	present
<input checked="" type="checkbox"/> Leaf: depth of incision	shallow to medium	shallow to medium	medium to deep
<input type="checkbox"/> Leaf: type of incision	crenate	crenate	crenate
<input checked="" type="checkbox"/> Leaf: undulation of the margin	weak	weak	medium
<input checked="" type="checkbox"/> Leaf: prominence of venation	medium	medium	strong
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium	medium	weak
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	yellow-green 146B	yellow-green 146B	yellow -green 146B
<input type="checkbox"/> Inflorescence: number of flowers per node	1, 2 or more	1, 2 or more	1, 2 or more
<input checked="" type="checkbox"/> Calyx: anthocyanin colouration	strong	strong to very strong	weak to medium
<input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart)	red - purple 57A	red - purple 61A	red - purple 66A

**Prior Applications and Sales**

First sold in Australia in Mar 2006 under the name ‘Heatwave Sizzle’.

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

**Details of Application**

<b>Application Number</b>	2006/297
<b>Variety Name</b>	'Cherry Surprise'
<b>Genus Species</b>	<i>Syzygium smithii</i>
<b>Common Name</b>	Small Leaf Lilly Pilly
<b>Synonym</b>	Nil
<b>Accepted Date</b>	16 Mar 2007
<b>Applicant</b>	Wirreanda Nursery, Ingleside, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Ingleside, NSW.
<b>Descriptor</b>	Lilly Pilly ( <i>Acmena smithii</i> / <i>Syzygium</i> sp) PBR LILL
<b>Period</b>	Summer 2007 to late autumn 2007.
<b>Conditions</b>	Trial conducted in open beds, plants originally propagated by cuttings, potted to 200mm containers filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	1995

**Origin and Breeding**

Seedling selection: *Syzygium smithii*. The parent is characterised by a medium intensity of colour of new growth flush and medium plant width. Selection took place in Ingleside, NSW. Selection criteria: colour of new growth, shape of plant and strong growth vigour. Propagation: vegetative cuttings were found to be uniform and stable. Breeders: Mark Cruickshank and Bill Douglass, Ingleside, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Immature leaf	colour	greyed red to greyed purple
Leaf	variegation	absent

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Hot Flush'	
'Allyn Magic'	



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

<b>Organ/Plant Part: Context</b>	<b>‘Cherry Surprise’</b>	<b>‘Allyn Magic’</b>	<b>‘Hot Flush’</b>
<input type="checkbox"/> Plant: growth habit	upright	upright	upright
<input checked="" type="checkbox"/> Plant: branch density	dense to very dense	very dense	medium to dense
<input type="checkbox"/> Stem: branch angle	acute	acute	acute
<input checked="" type="checkbox"/> Stem: internode length	medium	short	medium
<input checked="" type="checkbox"/> Stem: colour of new growth (RHS colour chart)	187B	183A	185A
<input checked="" type="checkbox"/> Leaf: blade length	long	medium to long	medium
<input checked="" type="checkbox"/> Leaf: blade width	medium	broad	medium
<input type="checkbox"/> Leaf: petiole length	short	short	short
<input checked="" type="checkbox"/> Leaf: shape of blade	narrow elliptic	broad elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	cuspidate	cuspidate	cuspidate
<input type="checkbox"/> Leaf: shape of base	acute	acute	acute
<input type="checkbox"/> Leaf: glossiness	medium	medium	medium
<input type="checkbox"/> Leaf: shape of cross section	flat	flat to concave	flat to concave
<input checked="" type="checkbox"/> Leaf: shape of longitudinal section	flat	flat to concave	convex to flat
<input type="checkbox"/> Leaf: stiffness	medium to strong	medium	medium
<input type="checkbox"/> Mature leaf: primary colour of upper side (RHS colour chart)	147A	147A	147A
<input type="checkbox"/> Mature leaf: primary colour of lower side (RHS colour chart)	146B	146B	146B
<input checked="" type="checkbox"/> Partly mature leaf: primary colour of upper side (RHS colour chart)	ca 177A	176A	175A
<input checked="" type="checkbox"/> Partly mature leaf: primary colour of lower side (RHS colour chart)	ca 165A	177B	ca 177B
<input checked="" type="checkbox"/> Newly emerged: upper side (RHS colour chart)	187B	183A	178B
<input type="checkbox"/> Leaf: variegation	absent	absent	absent

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Cherry Surprise’</b>	<b>‘Allyn Magic’</b>	<b>‘Hot Flush’</b>
<input checked="" type="checkbox"/> Newly emerged leaf: size	medium	small	medium

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2006/298
<b>Variety Name</b>	'Sunrise'
<b>Genus Species</b>	<i>Syzygium smithii</i>
<b>Common Name</b>	Small Leaf Lilly Pilly
<b>Synonym</b>	NII
<b>Accepted Date</b>	16 Mar 2007
<b>Applicant</b>	Wirreanda Nursery, Ingleside, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Ingleside, NSW.
<b>Descriptor</b>	Lilly Pilly ( <i>Acmena smithii</i> /Syzygium sp) PBR LILL.
<b>Period</b>	Summer 2007 to late autumn 2007.
<b>Conditions</b>	Trial conducted in open beds, plants originally propagated by cuttings, potted to 200mm containers filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Seedling selection: *Syzygium smithii*. The parent is characterised by a medium intensity of colour of new growth flush and medium plant width. Selection took place in Ingleside, NSW. Selection criteria: colour of new growth, shape of plant and strong growth vigour. Propagation: vegetative cuttings were found to be uniform and stable. Breeders: Mark Cruickshank and Bill Douglass, Ingleside, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Immature leaf	colour	greyed red to greyed purple
Leaf	variegation	absent

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Cherry Surprise'	new variety from the same breeding program
'Hot Flush'	
'Allyn Magic'	

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

Organ/Plant Part: Context	‘Sunrise’	‘Cherry Surprise’	‘Allyn Magic’	‘Hot Flush’
<input type="checkbox"/> Plant: growth habit	upright	upright	upright	upright
<input checked="" type="checkbox"/> Plant: branch density	dense	dense to very dense	very dense	medium to dense
<input type="checkbox"/> Stem: branch angle	acute	acute	acute	acute
<input checked="" type="checkbox"/> Stem: internode length	medium	medium	short	medium
<input checked="" type="checkbox"/> Stem: colour of new growth (RHS colour chart)	187C	187B	183A	185A
<input type="checkbox"/> Leaf: blade length	medium to long	long	medium to long	medium
<input checked="" type="checkbox"/> Leaf: blade width	medium	medium	broad	medium
<input type="checkbox"/> Leaf: petiole length	short	short	short	short
<input checked="" type="checkbox"/> Leaf: shape of blade	elliptic	narrow elliptic	broad elliptic	elliptic
<input checked="" type="checkbox"/> Leaf: shape of apex	apiculate	cuspidate	cuspidate	cuspidate
<input type="checkbox"/> Leaf: shape of base	acute	acute	acute	acute
<input type="checkbox"/> Leaf: glossiness	strong to medium	medium	medium	medium
<input type="checkbox"/> Leaf: shape of cross section	flat to concave	flat	flat to concave	flat to concave
<input type="checkbox"/> Leaf: shape of longitudinal section	flat to concave	flat	flat to concave	flat to concave
<input type="checkbox"/> Leaf: stiffness	medium	medium to strong	medium	medium
<input type="checkbox"/> Leaf: prominence of midrib on lower surface	not prominent	n/a	not prominent	not prominent
<input type="checkbox"/> Mature leaf: primary colour of upper side (RHS colour chart)	147A	147A	147A	147A
<input type="checkbox"/> Mature leaf: primary colour of lower side (RHS colour chart)	146B	146B	146B	146B
<input checked="" type="checkbox"/> Partly mature leaf: primary colour of upper side (RHS colour chart)	175A	ca 177A	176A	175A
<input checked="" type="checkbox"/> Partly mature leaf: primary colour of lower side (RHS colour chart)	ca 177B	ca 165A	177B	ca 177B
<input checked="" type="checkbox"/> Newly emerged: upper side (RHS colour chart)	187C	187B	183A	178B
<input type="checkbox"/> Leaf: variegation	absent	absent	absent	absent

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	‘Sunrise’	‘Cherry Surprise’	‘Allyn Magic’	‘Hot Flush’
<input checked="" type="checkbox"/> Newly emerged leaf: size	small	medium	small	medium

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2001/229
<b>Variety Name</b>	'Street Snow'
<b>Genus Species</b>	<i>Mimusops elengi</i>
<b>Common Name</b>	Spanish Cherry
<b>Synonym</b>	Nil
<b>Accepted Date</b>	04 Sep 2001
<b>Applicant</b>	Darwin Plant Wholesalers, Winnellie, NT
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Lambells Lagoon, NT.
<b>Descriptor</b>	Spanish Cherry ( <i>Mimusops elengai</i> ) PBR MIMU.
<b>Period</b>	Spring 2006-summer 2007.
<b>Conditions</b>	Trial conducted in a opens beds, plants originally propagated by cuttings, mature trees in 150L containers filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Ten pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From five plants at random. Two leaf samples per plant.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Spontaneous mutation: spontaneous mutation from a mass growing of *Mimusops elengai* of Indonesian origin in Benara Nursery, near Jakarta, Indonesia. Material being grown for commercial use, having non-variegated leaves. Selection criteria: variegated leaf. Propagation: vegetative cuttings were taken from the original variegated plant and propagated for several generations to confirm the uniformity and stability of the selction. Breeder: Darryl South, Darwin Plant Wholesalers, Winnellie, NT.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	presence of variegation	present

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Street Elegance'	

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

<b>Organ/Plant Part: Context</b>	<b>‘Street Snow’</b>	<b>‘Street Elegance’</b>
<input type="checkbox"/> Plant: growth habit	upright	upright
<input type="checkbox"/> Plant: vigour	weak to medium	medium
<input checked="" type="checkbox"/> Plant: density	medium	very dense
<input type="checkbox"/> Plant: inner angle of lateral shoots to main stem	broad acute	broad acute
<input type="checkbox"/> Plant: length of internodes	medium	medium
<input type="checkbox"/> Plant: colour of young stem	brownish green	brownish green
<input checked="" type="checkbox"/> Plant: glaucosity of young stem	medium	strong
<input type="checkbox"/> Plant: colour of older stem	light greyish brown	light greyish brown
<input type="checkbox"/> Petiole: length	short to medium	short
<input type="checkbox"/> Petiole: colour	light green	light green
<input checked="" type="checkbox"/> Leaf blade: length	medium to long	medium
<input checked="" type="checkbox"/> Leaf blade: width	broad	medium
<input checked="" type="checkbox"/> Leaf blade: shape	broad elliptic	elliptic
<input checked="" type="checkbox"/> Leaf blade: shape of apex	broad-acuminate	acuminate
<input checked="" type="checkbox"/> Leaf blade: shape of base	obtuse	cuneate
<input type="checkbox"/> Leaf blade: undulation of margin	strong	medium to strong
<input type="checkbox"/> Leaf blade: cross-section	concave	concave
<input type="checkbox"/> Leaf blade: curvature of longitudinal section	recurved	recurved
<input type="checkbox"/> Leaf blade: variegation	present	present
<input type="checkbox"/> Leaf blade: border between colours	not clearly defined	not clearly defined
<input type="checkbox"/> Leaf blade: regularity of colour patches	irregular	irregular
<input checked="" type="checkbox"/> Leaf blade: ground colour (RHS colour chart)	147A	147B
<input checked="" type="checkbox"/> Leaf blade: secondary colour (RHS colour chart)	155A	147C
<input checked="" type="checkbox"/> Leaf blade: tertiary colour (RHS colour chart)	n/a	11B
<input checked="" type="checkbox"/> Leaf blade: area of ground colour compared to other colours	small	large
<input type="checkbox"/> Leaf blade: glossiness	weak to medium	weak

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Street Snow’</b>	<b>‘Street Elegance’</b>
<input checked="" type="checkbox"/> Leaf blade: length (mm)		
Mean	91.10	82.40
Std. Deviation	4.40	8.60
LSD/sig	8.82	P≤0.01
<input checked="" type="checkbox"/> Leaf blade : width (mm)		
Mean	52.30	36.80
Std. Deviation	4.60	2.80
LSD/sig	4.91	P≤0.01

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2007/146
<b>Variety Name</b>	'Ocean'
<b>Genus Species</b>	<i>Chlorophytum comosum</i>
<b>Common Name</b>	Spider Plant
<b>Synonym</b>	Nil
<b>Accepted Date</b>	11 Jul 2007
<b>Applicant</b>	Koning Smit IPR S.A., Aalsmeer, The Netherlands
<b>Agent</b>	Ramm Botanicals Pty Ltd, Tuggerah, NSW
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	MacMaster's Beach, NSW
<b>Descriptor</b>	Spider plant ( <i>Chlorophytum comosum</i> ) PBR CHLO
<b>Period</b>	Autumn-spring 2007
<b>Conditions</b>	Trial conducted in a fibreglass covered greenhouse, plants propagated by division, tubestock planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and overhead irrigated, no pest or disease treatments were required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random. One sample per plant.
<b>RHS Chart - edition</b>	2001

**Origin and Breeding**

Spontaneous mutation: parent *Chlorophytum comosum* 'Variegatum'. The parent is characterised by a yellow green leaf margin with a white central stripe along the middle of the blade. Selection took place in Sappemeer, the Netherlands. Selection criteria: distinctive leaf colour, strong growth vigour and ease of reproduction. Propagation: vegetatively reproduced plants from micropropagation, cuttings and divisions are found to be uniform and stable. Breeder: Lammert Koning, The Netherlands.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf blade	curvature	straight

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Variegatum'	common form and parent

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>
'Bonnie'	Leaf blade curvature	straight	strongly curved

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

<b>Organ/Plant Part: Context</b>	<b>‘Ocean’</b>	<b>‘Variegatum’</b>
<input type="checkbox"/> Plant: growth habit	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Plant: height	tall	medium
<input type="checkbox"/> Plant: density of shoots	medium to dense	medium to dense
<input checked="" type="checkbox"/> Plant: vigour	very strong	medium
<input checked="" type="checkbox"/> Stolon: colour	green	yellow
<input type="checkbox"/> Leaf: twisting	absent	absent
<input type="checkbox"/> Leaf: arching	medium to strong	medium
<input type="checkbox"/> Leaf: length	medium to long	medium
<input checked="" type="checkbox"/> Leaf: width	wide	medium
<input type="checkbox"/> Leaf: variegation	present	present
<input type="checkbox"/> Leaf: primary colour of upper side (RHS colour chart)	147A	147A
<input type="checkbox"/> Leaf: primary colour of lower side (RHS colour chart)	147B	146A
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (variegated leaves only) (RHS colour chart)	191A	146B
<input checked="" type="checkbox"/> Leaf: secondary colour of lower side (variegated leaves only) (RHS colour chart)	198A	191A
<input type="checkbox"/> Leaf: tertiary colour of upper side (variegated leaves only) (RHS colour chart)	155A	155A
<input type="checkbox"/> Leaf: shape of blade	ensiform	ensiform
<input type="checkbox"/> Leaf: shape of apex	acute	acute
<input type="checkbox"/> Corolla: shape	rotate	rotate
<input type="checkbox"/> Corolla: colour	white	white

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Ocean’</b>	<b>‘Variegatum’</b>
<input type="checkbox"/> Leaf: cross-section	concave to flat	concave to flat
<input checked="" type="checkbox"/> Leaf: colour of margin	white	green
<input type="checkbox"/> Leaf blade: curvature	straight	straight

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Ocean’</b>	<b>‘Variegatum’</b>
<input type="checkbox"/> Leaf: length (mm)		
Mean	391.20	350.50
Std. Deviation	34.70	33.60
LSD/sig	39.0	ns
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	29.80	22.00
Std. Deviation	4.60	2.10
LSD/sig	4.08	P≤0.01

**Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
EU	2004	Granted	‘Ocean’

First sold in The Netherlands in Mar 2004. First Australian sale Jan 2007.

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



**Details of Application**

<b>Application Number</b>	2006/088
<b>Variety Name</b>	'LHCOM'
<b>Genus Species</b>	<i>Lomandra hystrix</i>
<b>Common Name</b>	Spiny Headed Mat Rush
<b>Synonym</b>	Nil
<b>Accepted Date</b>	30 May 2006
<b>Applicant</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Clarendon, NSW
<b>Descriptor</b>	<i>Lomandra</i> ( <i>Lomandra</i> ) PBR LOMA
<b>Period</b>	Autumn 2007 - spring 2007
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	1995

**Origin and Breeding**

Seedling Selection: seed parent *L. hystrix*. The seed parent is characterised by a tall plant height, upright plant growth habit and a broad leaf width. In 2001 open-pollinated seedlings of *L. hystrix* were grown in an open bed. There were approximately 5000 plants grown in viro tubes. In 2002 approximately 200 plants were selected due to their smaller shoot and leaf sizes. These were grown on for further observation. In 2003, these were reduced to 10 selections based on the same criteria. Finally, in late 2004 a single plant was identified as having narrower leaf width combined with a compact, dense growth habit with a shorter plant height than the parent form. Selection took place in Clarendon, NSW. Selection criteria: narrow leaf width, short plant height, compact habit with more horizontal basal shoot attitude. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf blade	presence of variegation	absent
Plant	sex expression	male

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
<i>L. hystrix</i> common male form 'LHBYF'	

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

Organ/Plant Part: Context	‘LHCOM’	<i>L.hystrix</i> common male form	‘LHBYF’
<input checked="" type="checkbox"/> Plant: growth habit	semi-upright	upright	semi-upright
<input checked="" type="checkbox"/> Plant: height	medium	very tall	tall
<input checked="" type="checkbox"/> Plant: density	dense	medium	medium
<input type="checkbox"/> Leaf: texture	medium	medium	medium
<input type="checkbox"/> Leaf: glaucosity	weak	weak	weak
<input checked="" type="checkbox"/> Leaf: rigidity	weak	medium	medium
<input checked="" type="checkbox"/> Leaf: length of blade	short	medium	medium
<input checked="" type="checkbox"/> Leaf: width of blade	narrow	medium	medium
<input type="checkbox"/> Leaf: cross section	flat	flat	flat
<input type="checkbox"/> Leaf: variegation	absent	absent	absent
<input type="checkbox"/> Leaf: colour (RHS colour chart)	146A	146A	146B
<input type="checkbox"/> Basal sheath: margin shredding	very weak	very weak	very weak
<input type="checkbox"/> Basal sheath: colour	medium brown	medium brown	medium brown
<input type="checkbox"/> Inflorescence: degree of branching	strong	strong	strong
<input checked="" type="checkbox"/> Inflorescence: length of floral axis	short	medium	long
<input checked="" type="checkbox"/> Inflorescence: length of peduncle	medium	long	medium
<input checked="" type="checkbox"/> Inflorescence: length of bract	medium	medium	long
<input checked="" type="checkbox"/> Inflorescence: position in relation foliage	level	below	above
<input checked="" type="checkbox"/> Inflorescence: colour of peduncle (RHS colour chart)	145B	145A	145C
<input checked="" type="checkbox"/> Flower: colour of calyx (RHS colour chart)	145B	145A	145C
<input checked="" type="checkbox"/> Flower: colour of perianth (RHS colour chart)	22A	11C	23A

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	‘LHCOM’	<i>L.hystrix</i> common male form	‘LHBYF’
<input checked="" type="checkbox"/> Plant: duration of flowering	medium	medium	long

**Statistical Table**

Organ/Plant Part: Context	‘LHCOM’	<i>L.hystrix</i> common male form	‘LHBYF’
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☑ Plant: height (mm)			
Mean	475.00	658.00	615.50
Std. Deviation	68.70	73.00	39.30
LSD/sig	70.96	P≤0.01	P≤0.01
☑ Leaf: length (mm)			
Mean	452.60	642.50	600.70
Std. Deviation	83.10	61.20	28.80
LSD/sig	70.60	P≤0.01	P≤0.01
☑ Leaf: width (mm)			
Mean	10.50	13.20	13.10
Std. Deviation	1.20	0.90	0.70
LSD/sig	1.10	P≤0.01	P≤0.01
☑ Inflorescence: length of floral axis (mm)			
Mean	233.40	341.20	411.70
Std. Deviation	44.40	63.30	50.60
LSD/sig	60.93	P≤0.01	P≤0.01
☑ Inflorescence: width (mm)			
Mean	114.80	97.20	154.00
Std. Deviation	10.10	19.70	13.30
LSD/sig	16.98	ns	P≤0.01
☑ Inflorescence: length of bract (mm)			
Mean	62.80	46.40	93.30
Std. Deviation	12.20	26.70	30.30
LSD/sig	27.79	ns	P≤0.01
☑ Peduncle: length (mm)			
Mean	123.40	184.00	141.50
Std. Deviation	29.20	28.90	33.20
LSD/sig	34.81	P≤0.01	ns

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2006/270
<b>Variety Name</b>	'LHBYF'
<b>Genus Species</b>	<i>Lomandra hystrix</i>
<b>Common Name</b>	Spiny Headed Mat Rush
<b>Synonym</b>	Nil
<b>Accepted Date</b>	26 Oct 2006
<b>Applicant</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Clarendon, NSW.
<b>Descriptor</b>	<i>Lomandra</i> ( <i>Lomandra</i> ) PBR LOMA
<b>Period</b>	Autumn 2007 - spring 2007.
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Seedling selection: seed parent *L. hystrix*. The seed parent is characterised by a medium inflorescence width and a medium number of flowers. Approximately 3000 seedlings were grown in 1997 and originally 50 were selected as having the best growth vigour. These were grown on in pots and 3 seedlings were selected due to their male flowering habits. These were grown on as garden plants until 2003 when finally one of these plants were selected due to its prolific large yellow flowers combined with vigorous growth. Selection took place in Clarendon, NSW. Selection criteria: prolific flowering and large inflorescence size. Propagation: vegetative, micropropagation is found to be uniform and stable. Breeder: Todd Layt, Clarendon, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf blade	presence of variegation	absent
Plant	sex expression	male

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'LHCOM'	
<i>L.hystrix</i> common male form	

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

Organ/Plant Part: Context	‘LHBYF’	<i>L.hystrix</i> common male form	‘LHCOM’
<input checked="" type="checkbox"/> Plant: growth habit	semi-upright	upright	semi-upright
<input checked="" type="checkbox"/> Plant: height	tall	very tall	medium
<input checked="" type="checkbox"/> Plant: density	medium	medium	dense
<input type="checkbox"/> Leaf: texture	medium	medium	medium
<input type="checkbox"/> Leaf: glaucosity	weak	weak	weak
<input type="checkbox"/> Leaf: rigidity	medium	medium	weak
<input checked="" type="checkbox"/> Leaf: length of blade	medium	medium	short
<input checked="" type="checkbox"/> Leaf: width of blade	medium	medium	narrow
<input type="checkbox"/> Leaf: cross section	flat	flat	flat
<input type="checkbox"/> Leaf: variegation	absent	absent	absent
<input type="checkbox"/> Leaf: colour (RHS colour chart)	146B	146A	146A
<input type="checkbox"/> Basal sheath: margin shredding	very weak	very weak	very weak
<input type="checkbox"/> Basal sheath: colour	medium brown	medium brown	medium brown
<input type="checkbox"/> Inflorescence: degree of branching	strong	strong	strong
<input checked="" type="checkbox"/> Inflorescence: length of floral axis	long	medium	short
<input checked="" type="checkbox"/> Inflorescence: length of peduncle	medium	long	medium
<input checked="" type="checkbox"/> Inflorescence: length of bract	long	medium	medium
<input checked="" type="checkbox"/> Inflorescence: position in relation foliage	above	below	level
<input checked="" type="checkbox"/> Inflorescence: colour of peduncle (RHS colour chart)	145C	145A	145B
<input checked="" type="checkbox"/> Flower: colour of calyx (RHS colour chart)	145C	145A	145B
<input checked="" type="checkbox"/> Flower: colour of perianth (RHS colour chart)	23A	11C	22A

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	‘LHBYF’	<i>L.hystrix</i> common male form	‘LHCOM’
<input checked="" type="checkbox"/> Plant: duration of flowering	long	medium	medium

**Statistical Table**

Organ/Plant Part: Context	‘LHBYF’	<i>L.hystrix</i> common	‘LHCOM’
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male form			
☑ Plant: height (mm)			
Mean	615.50	658.00	475.00
Std. Deviation	39.30	73.00	68.70
LSD/sig	70.96	ns	P≤0.01
☑ Leaf: length (mm)			
Mean	600.70	642.50	452.60
Std. Deviation	28.80	61.20	83.10
LSD/sig	70.60	ns	P≤0.01
☑ Leaf: width (mm)			
Mean	13.10	13.20	10.50
Std. Deviation	0.70	0.90	1.20
LSD/sig	1.10	ns	P≤0.01
☑ Inflorescence: length of floral axis (mm)			
Mean	411.70	341.20	233.40
Std. Deviation	50.60	63.30	44.40
LSD/sig	60.93	P≤0.01	P≤0.01
☑ Inflorescence: width (mm)			
Mean	154.00	97.20	114.80
Std. Deviation	13.30	19.70	10.10
LSD/sig	16.98	P≤0.01	P≤0.01
☑ Inflorescence: length of bract (mm)			
Mean	93.30	46.40	62.80
Std. Deviation	30.30	26.70	12.20
LSD/sig	27.79	P≤0.01	P≤0.01
☑ Peduncle: length (mm)			
Mean	141.50	184.00	123.40
Std. Deviation	33.20	28.90	29.20
LSD/sig	34.81	P≤0.01	ns

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2005/340
<b>Variety Name</b>	'Cal Giant 5'
<b>Genus Species</b>	<i>Fragaria xananassa</i>
<b>Common Name</b>	Strawberry
<b>Synonym</b>	Galexia
<b>Accepted Date</b>	22 Dec 2005
<b>Applicant</b>	California Giant, Inc., Watsonville, CA
<b>Agent</b>	State of Queensland through its Department of Primary Industries and Fisheries, Brisbane, QLD
<b>Qualified Person</b>	Mark Herrington

**Details of Comparative Trial**

<b>Location</b>	Redlands Research Station, Delancey St., Cleveland, QLD. (Latitude 27 South, Longitude 153 East elevation 24 m).
<b>Descriptor</b>	Strawberry ( <i>Fragaria</i> ) TG/22/9
<b>Period</b>	Apr to Sep 2007.
<b>Conditions</b>	Trial conducted in a non-fumigated field of krasnozem soil, runners from commercial sources in QLD runner growing district (Stanthorpe), black polythene mulch, double rows on beds (40 cm inter-row, 40 cm intra-row and 140 cm between bed centres), trickle irrigated and fertilised, pest and disease treatments applied as required.
<b>Trial Design</b>	Duplicate plots each of approx 25 plants.
<b>Measurements</b>	From twenty to twenty-eight plants or fruit per cultivar as individual plants or fruit randomly sampled over the duplicate plots.
<b>RHS Chart - edition</b>	2001 for leaf colour, 1995 for fruit colour.

**Origin and Breeding**

Controlled pollination: main selection criteria used to develop this variety were fruit quality, disease resistance, and productivity. During the period between Oct of 1996 and May of 1997 parent material was placed in an enclosed greenhouse and controlled hybridisation between those parents took place. Of the seed pollinated 15,000 unique varieties germinated; within that group of unique varieties during the grow-out period to Aug of 1999 the selection 65H1 showed potential due to its strong flesh and skin firmness, good colour, good interior colour, good flavour, strong propensity to produce fruit, good continuing size within the hand, as well as retention of size from hand to hand, and the tremendous disease tolerance of the variety. After three successive years of testing the variety 65H1 was determined to be worthy of plant protection. At that time the variety was designated Galexia and protection has been sought as 'CalGiant 5'. The variety was tested each successive year for three years before the decision was made to seek protection for the variety. From its inception the variety has been propagated annually, asexually, at the nursery through the growing of runners. The variety has been propagated and continues to be propagated asexually to date. To date there have been no known off-types. Breeder: David W Small, Santa Maria, 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	habit	flat globose
Leaf	blistering	absent or very weak
Inflorescence	position relative to foliage	level with
Flower	relative position of petals	overlapping
Flower	size of calyx relative to corolla	same size
Fruit	length/width ratio	slightly longer than broad
Fruit	size	medium
Fruit	predominant shape	conical
Fruit	colour	red
Fruit	colour of flesh	orange red
Fruit	hollow centre	weakly expressed
Fruit	distribution of red colour of flesh	marginal and central
Time	of flowering	medium
Time	of ripening	medium
Bearing	type	partially remontant

**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Cal Giant 3'	

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

Organ/Plant Part: Context	'Cal Giant 5'	'Cal Giant 3'
<input type="checkbox"/> Plant: habit	flat globose	flat globose
<input type="checkbox"/> Plant: density	medium	medium
<input type="checkbox"/> Plant: vigour	medium	medium
<input type="checkbox"/> Leaf: colour of upper side	medium green	medium green
<input type="checkbox"/> Leaf: shape in cross section	slightly concave	strongly concave to slightly concave
<input type="checkbox"/> *Leaf: blistering	absent or very weak	absent or very weak
<input type="checkbox"/> *Leaf: glossiness	weak	weak
<input type="checkbox"/> *Terminal leaflet: length/width ratio	as long as broad	as long as broad
<input type="checkbox"/> *Terminal leaflet: shape of base	obtuse	obtuse
<input type="checkbox"/> Terminal leaflet: shape of incisions of margin	crenate	crenate
<input type="checkbox"/> Petiole: attitude of hairs	strongly outwards	strongly outwards
<input type="checkbox"/> Stipule: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> *Inflorescence: position relative to foliage	level with	level with
<input type="checkbox"/> Flower: size	large	large
<input type="checkbox"/> *Flower: size of calyx	same size	same size
<input type="checkbox"/> *Primary flower: relative position of petals	overlapping	overlapping



<input type="checkbox"/>	Petal: length/width ratio	as long as broad	as long as broad
<input type="checkbox"/>	*Fruit: ratio of length/width	slightly longer than broad	slightly longer than broad
<input type="checkbox"/>	*Fruit: size	medium	medium
<input type="checkbox"/>	*Fruit: predominant shape	conical	conical
<input type="checkbox"/>	Fruit: band without achenes	narrow	narrow
<input type="checkbox"/>	Fruit: unevenness of surface	absent or very weak	absent or very weak
<input type="checkbox"/>	*Fruit: colour	red	red
<input type="checkbox"/>	Fruit: evenness of colour	slightly uneven	even
<input type="checkbox"/>	Fruit: glossiness	strong	strong
<input checked="" type="checkbox"/>	*Fruit: insertion of achenes	below surface	level with surface
<input type="checkbox"/>	Fruit: insertion of calyx	with fruit level	with fruit level
<input type="checkbox"/>	Fruit: attitude of the calyx segments	spreading	reflexed
<input type="checkbox"/>	Fruit: size of calyx in relation to fruit diameter	slightly larger	same size
<input type="checkbox"/>	Fruit: adherence of calyx	medium	strong
<input checked="" type="checkbox"/>	Fruit: firmness	very firm	medium
<input type="checkbox"/>	Fruit: colour of flesh	orange red	orange red
<input type="checkbox"/>	Fruit: hollow centre	weakly expressed	weakly expressed
<input type="checkbox"/>	Fruit: distribution of red colour of flesh	marginal and central	marginal and central
<input type="checkbox"/>	*Time of: flowering	medium	medium
<input type="checkbox"/>	Time of: ripening	medium	medium
<input type="checkbox"/>	*Type of: bearing	partially remontant	partially remontant

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Cal Giant 5’</b>	<b>‘Cal Giant 3’</b>
<input type="checkbox"/> Leaf: green colour upper side (RHS, 2001)	147A	147A
<input type="checkbox"/> Fruit: colour (RHS, 1995)	45A	53A

### **Prior Applications and Sales**

<b>Country</b>	<b>Year</b>	<b>Current Status</b>	<b>Name Applied</b>
USA	2002	Granted	‘Cal Giant 5’
EU	2003	Granted	‘Galexia’
South Africa	2003	Applied	‘Galexia’

First sold in USA in Oct 2002.

Description: **Mark Herrington**, Maroochy Horticultural Research Station, Nambour, QLD.

**Details of Application**

<b>Application Number</b>	2002/008
<b>Variety Name</b>	'Arodel'
<b>Genus Species</b>	<i>Prunus avium</i>
<b>Common Name</b>	Sweet Cherry
<b>Synonym</b>	Nil
<b>Accepted Date</b>	27 Jun 2003
<b>Applicant</b>	Societe Anonyme des Pepinieres et Roseaies GEORGES DELBARD, Malicorne, France
<b>Agent</b>	Australian Nurserymen's Fruit Improvement Company, Bathurst, NSW.
<b>Qualified Person</b>	Peter Kennedy

**Details of Comparative Trial**

<b>Location</b>	Young, NSW. Longitude 148°18' E, Latitude 34°18' S.
<b>Descriptor</b>	Cherry ( <i>Prunus avium</i> ) TG/35/6.
<b>Period</b>	2003-2007.
<b>Conditions</b>	Grown under normal conditions on a Tatura Trellis training system.
<b>Trial Design</b>	Six trees of the candidate variety were planted in 2003. A total of 20 trees of two comparator varieties were planted in 2001 and 2003.
<b>Measurements</b>	From all trial plants.
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Open pollination: 'Arodel' is a product of uncontrolled pollination of approximately 50 cherry varieties on the French National List. Approximately 50,000 seedlings were raised and from these 28 were selected by the breeder for further evaluation. These 28 selections were in turn passed to Delbard Nurseries in France for further evaluation. In 1991 Delbard selected 7 of the 28 lines for indexing. 'Arodel' was one of the seven selections. Breeder: Paul Argot, Rive-de-Gier, France.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	maturity	very early
Fruit	size	large
Fruit	colour of skin	red

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Early Burlat'	Time of maturity: very early
'Rivedel'	Time of maturity: very early

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>
'Empress'	Fruit size	large	small to medium
'Burgsdorf'	Fruit size	large	small

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

Organ/Plant Part: Context	‘Arodel’	‘Early Burlat’	‘Rivedel’
<input type="checkbox"/> Tree: vigour	strong to very strong	strong	medium
<input type="checkbox"/> *Tree: habit	upright to semi-upright	upright	upright
<input checked="" type="checkbox"/> *Tree: branching	medium	weak	weak
<input type="checkbox"/> One-year-old shoot: number of lenticels	medium	medium	few to medium
<input type="checkbox"/> Young shoot: anthocyanin colouration of tip	medium	weak to medium	medium
<input type="checkbox"/> Leaf blade: green colour of upper side	light to medium	light to medium	light to medium
<input type="checkbox"/> *Petiole: nectaries	present	present	present
<input type="checkbox"/> Petiole: colour of nectaries	dark red	dark red	dark red
<input type="checkbox"/> *Fruit: size	large	large	large
<input type="checkbox"/> *Fruit: shape	reniform	reniform	reniform
<input type="checkbox"/> Fruit: pistil end	depressed	depressed	depressed
<input type="checkbox"/> *Fruit: colour of skin	red	red	red
<input type="checkbox"/> Fruit: size of lenticels on skin	small	small	small
<input checked="" type="checkbox"/> Fruit: number of lenticels on skin	many	many	few
<input checked="" type="checkbox"/> Fruit: colour of juice	pink	red	red
<input type="checkbox"/> Fruit: colour of flesh	red	dark red	dark red
<input type="checkbox"/> *Fruit: firmness	medium to firm	medium	medium
<input type="checkbox"/> Fruit: acidity	medium	medium	medium
<input type="checkbox"/> Fruit: sweetness	medium	medium	medium
<input type="checkbox"/> Fruit: juiciness	strong to very strong	strong to very strong	strong to very strong
<input type="checkbox"/> *Fruit: length of stalk	medium	medium	medium
<input type="checkbox"/> Fruit: abscission layer between stalk and fruit	present	present	present
<input type="checkbox"/> Fruit: thickness of stalk	medium	medium	
<input type="checkbox"/> *Stone: size	large	medium to large	medium to large
<input type="checkbox"/> *Stone: shape	broad elliptic	broad elliptic	broad elliptic
<input type="checkbox"/> *Time of: flowering	early	early	very early to early
<input type="checkbox"/> *Time of: fruit maturity	very early	very early	very early

**Statistical Table**

Organ/Plant Part: Context	‘Arodel’	‘Early Burlat’	‘Rivedel’
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	156.9	149.6	131.0

Std. Deviation	13.99	10.28	15.61
LSD/sig	14.91	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	81.45	61.85	63.3
Std. Deviation	3.46	8.06	4.47
LSD/sig	6.28	P≤0.01	P≤0.01
<input type="checkbox"/> Petiole: length (mm)			
Mean	36.5	38.5	34.5
Std. Deviation	8.31	7.98	4.00
LSD/sig	7.79	ns	ns
<input checked="" type="checkbox"/> Fruit: diameter (mm)			
Mean	27.75	26.28	26.46
Std. Deviation	0.56	1.15	1.40
LSD/sig	1.21	P≤0.01	P≤0.01
<input type="checkbox"/> Fruit: length of stalk (mm)			
Mean	29.18	27.11	27.04
Std. Deviation	2.39	4.18	1.74
LSD/sig	3.27	ns	ns
<input checked="" type="checkbox"/> Stone: diameter (mm)			
Mean	10.58	9.66	9.89
Std. Deviation	0.54	0.55	0.65
LSD/sig	0.64	P≤0.01	P≤0.01
<input type="checkbox"/> Fruit: brix (°Bx RDS)			
Mean	13.89	14.48	14.19
Std. Deviation	1.54	1.12	1.03
LSD/sig	1.38	ns	ns

**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
France	1993	Granted	'Arodel'

Prior sale nil.

Description: **Peter Kennedy**, Young, NSW.

**Details of Application**

<b>Application Number</b>	2003/148
<b>Variety Name</b>	'Dame Nancy'
<b>Genus Species</b>	<i>Prunus avium</i>
<b>Common Name</b>	Sweet Cherry
<b>Synonym</b>	Nil
<b>Accepted Date</b>	7 Jul 2003
<b>Applicant</b>	Minister for Agriculture, Food and Fisheries, Adelaide, SA
<b>Agent</b>	Australian Nurseryman's Fruit Improvement Company Limited, Bathurst, NSW
<b>Qualified Person</b>	Peter Kennedy

**Details of Comparative Trial**

<b>Location</b>	Young, NSW. Longitude 148°18' E, Latitude 34°18' S.
<b>Descriptor</b>	Cherry ( <i>Prunus avium</i> ) TG/35/6
<b>Period</b>	2001-2007
<b>Conditions</b>	Grown under normal conditions on a Tatura trellis training system.
<b>Trial Design</b>	Four trees of the candidate variety and six trees of the comparator variety were planted at the trial site in 2001 on a commercial orchard.
<b>Measurements</b>	From all trial plants.
<b>RHS Chart - edition</b>	N/A

**Origin and Breeding**

Controlled pollination: 'Dame Nancy' is the result of the controlled cross of the self fertile variety 'Stella'. 'Stella' seed parents were enclosed by shade cloth to exclude pollinating insects. Methods including flower emasculation and hand hybridisation were used to make controlled crosses. Seeds from successful hybridisations were then germinated and F<sub>1</sub> seedlings planted in the field. Fruit was assessed from 1991 onwards and the selection of 'Dame Nancy' was made in 1992. Original clonal material has been held at Lenswood Horticultural Centre, Lenswood SA and no off types have been observed. Breeder: Dr. Andrew Granger, Lenswood Horticultural Centre, Lenswood, SA.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Fruit	size	large to very large
Fruit	maturity	medium to late
Fruit	colour of skin	vermillion on pale yellow background

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Rainier'	'Rainier', like 'Dame Nancy', is a blush cherry that is considered the world standard in blush cherries.

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>
'Stella'	Fruit colour	vermillion with pale yellow background	Dark red

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

<b>Organ/Plant Part: Context</b>	<b>‘Dame Nancy’</b>	<b>‘Rainier’</b>
<input type="checkbox"/> Tree: vigour	strong	strong
<input checked="" type="checkbox"/> *Tree: habit	semi-upright	upright
<input checked="" type="checkbox"/> *Tree: branching	medium	weak
<input type="checkbox"/> One-year-old shoot: number of lenticels	many	
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration of tip	absent or very weak	weak to medium
<input type="checkbox"/> Leaf blade: green colour of upper side	medium	medium to dark
<input type="checkbox"/> *Petiole: nectaries	present	present
<input type="checkbox"/> Petiole: colour of nectaries	dark red	dark red
<input type="checkbox"/> *Fruit: size	large to very large	large
<input type="checkbox"/> *Fruit: shape	reniform	reniform
<input type="checkbox"/> Fruit: pistil end	flat	flat
<input type="checkbox"/> *Fruit: colour of skin	vermillion on pale yellow background	vermillion on pale yellow background
<input type="checkbox"/> Fruit: size of lenticels on skin	small	small
<input type="checkbox"/> Fruit: number of lenticels on skin	many	many to very many
<input checked="" type="checkbox"/> Fruit: colour of juice	cream yellow	pink
<input checked="" type="checkbox"/> Fruit: colour of flesh	yellow	cream white
<input type="checkbox"/> *Fruit: firmness	medium to firm	firm
<input checked="" type="checkbox"/> Fruit: acidity	medium	low
<input checked="" type="checkbox"/> Fruit: sweetness	medium	very high
<input type="checkbox"/> Fruit: juiciness	strong to very strong	strong to very strong
<input checked="" type="checkbox"/> *Time of: flowering	late	early
<input type="checkbox"/> *Time of: fruit maturity	medium to late	medium to late

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Dame Nancy’</b>	<b>‘Rainier’</b>
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	171.5	193.1
Std. Deviation	11.34	18.96
LSD/sig	17.83	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	81.1	85.7
Std. Deviation	7.12	8.81
LSD/sig	9.17	ns

<input checked="" type="checkbox"/> Petiole: length (mm)		
Mean	31.35	40.6
Std. Deviation	5.05	6.99
LSD/sig	6.96	P≤0.01
<input type="checkbox"/> Fruit: diameter (mm)		
Mean	29.4	27.90
Std. Deviation	1.41	1.82
LSD/sig	1.86	ns
<input type="checkbox"/> Fruit: length of stalk (mm)		
Mean	35.62	30.77
Std. Deviation	5.98	2.46
LSD/sig	5.22	ns
<input checked="" type="checkbox"/> Stone: diameter (mm)		
Mean	9.44	10.12
Std. Deviation	0.70	0.42
LSD/sig	0.66	P≤0.01
<input checked="" type="checkbox"/> Fruit: brix (°Bx RDS)		
Mean	16.5	19.83
Std. Deviation	0.99	3.48
LSD/sig	2.92	P≤0.01

### **Prior Applications and Sales**

Nil.

Description: **Peter Kennedy**, Young, NSW.

**Details of Application**

<b>Application Number</b>	2007/234
<b>Variety Name</b>	'Hawkeye'
<b>Genus Species</b>	<i>xTriticosecale</i>
<b>Common Name</b>	Triticale
<b>Synonym</b>	Nil
<b>Accepted Date</b>	10 Oct 2007
<b>Applicant</b>	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Gil Hollamby

**Details of Comparative Trial**

<b>Location</b>	Mintaro, South Australia.
<b>Descriptor</b>	Triticale ( <i>xTriticosecale</i> ) TG/83/4
<b>Period</b>	Winter to spring 2007.
<b>Conditions</b>	The trial was grown in a black self mulching soil which had been pasture in 2006 and wheat in 2005. The area was sprayed with Roundup Power Max (1.2L/ha) + Goal CT (75ml/ha) on 24 May 2007 and direct drilled at 2-4cm in slightly moist conditions on 25 May at 200 plants/m <sup>2</sup> and with 90kg/ha DAP and 80kg/ha Urea. During the winter months moisture was adequate and the trial grew well. In crop weeds were controlled with 2,4-D amine 625 (1.5l/ha) on 6 Sep. Spring was dry and some moisture stress occurred. Harvest took place on 11 Dec about two weeks earlier than normal. There were no diseases of note. A similar trial was planted at Roseworthy.
<b>Trial Design</b>	Randomised Block Design of 3 blocks and 16 entries consisting of comparators and potential candidates. Sown in 12 ranges of 4 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approx. 1000 plants per plot.
<b>Measurements</b>	Heading times were recorded on the same trial planted at Roseworthy 2007, but this trial later was abandoned due to a heavy infestation of Crown Rot. All other measurements and observations were recorded on plant samples taken from the Mintaro trial. At anthesis 5 primary tillers were sampled from each plot in each replicate and flag leaf measurements made. Glaucoity and leaf angle was observed at this time. After maturity plant heights to the top of the awns were recorded at 10 random locations in replicate 2 and 3 only. Twenty heads were also sampled at random from each plot in replicates 2 and 3 for head descriptions and measurements. Measurements were performed on 10 intact heads per block. Physical quality data was measured on the grain harvested from the plots. Statistical analyses were completed using GENSTAT software.
<b>RHS Chart - edition</b>	N/A



### **Origin and Breeding**

Controlled pollination: The cross ISR499-61/TX93-19-2 was made by Dr Kath V Cooper in the glasshouse at Waite Campus, The University of Adelaide in the spring of 1996. The female parent, ISR499-61 (NSW accession number of an imported CIMMYT line POPP1\_2), had a broad head type. The male parent was a sib of 'Tickit' and 'Speedee' and had a shorter stature, resistance to cereal cyst nematode and resistance to the stem rust pathotype 34-2,12,13. F<sub>1</sub> generation seed was harvested in Jan 1997, and allocated the number TX97-41. F<sub>1</sub> seed was immediately sown in pots in the glasshouse to produce F<sub>2</sub> generation seed, harvested May 1997, and sown as a single plot at Callington, SA. Single heads from plants showing desired agronomic type were taken in Dec and sown as head hills in the Waite Campus birdcage, under irrigation. F<sub>3</sub> generation head hills were harvested in May 1998 and sown as (F<sub>4</sub> generation) single plots at Callington. A line having desirable plant type, cereal cyst nematode resistance (SARDI test) and stem rust resistance (NRCP test), was selected and designated TX97-41-1. TX97-41-1 was assessed for grain yield, plant type and grain conformation as F<sub>5</sub> replicated field trials in 1999 (2 sites), as F<sub>6</sub> in 2000 and as F<sub>7</sub> in 2001 (4 sites). Sites used were Callington, Lameroo, Cleve and Birdwood all in SA. Re-selections were taken from TX97-41-1 at the Callington site in 2001 to improve uniformity. These F<sub>8</sub> heads were sown as head hills at Waite Campus, in the birdcage under irrigation, in Dec 2001, harvested May 2002 and resown at Birdwood, Jun 2002. One of these reselections, designated TX97-41-1-2 after yield testing in replicated trials at 3 sites during winter 2003 was transferred by Dr. Cooper to Australian Grain Technologies under a licensing agreement where its trialling was continued by Jason Reinheimer. TX97-41-1-2 was assessed for yield, physical grain quality, disease resistance and plant type at 11 sites across Australia in 2004 as well as CCN resistance in the laboratory. In 2004, 50 single head selections were taken from a single plot of TX97-41-1-2 and were grown over summer at Roseworthy Campus, University of Adelaide. In 2005 these single selections were assessed individually for plant type, rust resistance and CCN resistance with the resistant individuals that were similar in plant type formed a bulk designated TSA0108. This line was assessed for yield, rust resistance, CCN resistance and physical grain quality at 19 sites by AGT and 15 sites by the National Variety Trial system across Australia in 2006 and again in 2007. Breeders: Dr Kath Cooper, The University of Adelaide and Mr. Jason Reinheimer, Australian Grain Technologies.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time of ear emergence	250 to 255 Julian days
Plant	height	105 to 120cm
Flag leaf	length of blade	>180mm
Ear	degree of awning	fully awned
Ear	colour	white

### **Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Tahara'	common variety grown in the area of adaptation.
'Tickit'	related variety.
'Kosciuszko'	visually similar in the field.

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Speedee’	Plant	time of ear emergence	253.8 Julian days	247.0 Julian days
‘Jackie’	Plant	time of ear emergence	253.8 Julian days	271.0 Julian days
‘Abacus’	Plant	time of ear emergence	253.8 Julian days	262.7 Julian days
‘Jackie’	Flag leaf	length	205.0mm	137.9mm
‘Jackie’	Flag leaf	width	17.00mm	14.30mm
‘Treat’	Plant	time of ear emergence	253.8 Julian days	251.7 Julian days

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

Organ/Plant Part: Context	‘Hawkeye’	‘Kosciuszko’	‘Tahara’	‘Tickit’
<input type="checkbox"/> *Ploidy:	hexaploid	hexaploid	hexaploid	hexaploid
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	medium	absent or very weak	weak to medium	medium
<input type="checkbox"/> Awn: anthocyanin colouration	absent or very weak		absent or very weak	absent or very weak
<input type="checkbox"/> Ear: glaucosity	medium		medium	medium
<input type="checkbox"/> *Stem: density of hairiness of neck	strong	strong to very strong	strong to very strong	strong
<input type="checkbox"/> *Ear: distribution of awns	fully awned	fully awned	fully awned	fully awned
<input type="checkbox"/> *Awns above the tip of ear: length	short to medium	short	short to medium	short to medium
<input type="checkbox"/> *Lower glume: length of first beak	short to medium	medium	short	medium
<input type="checkbox"/> Lower glume: size of second beak	absent or very small	absent or very small	absent or very small	absent or very small
<input checked="" type="checkbox"/> *Lower glume: hairiness on external surface	present	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin to medium	medium	thin to medium	thin
<input type="checkbox"/> Ear: colour	white	white	white	white
<input type="checkbox"/> *Grain: colouration with phenol	very dark	dark	very dark	very dark
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type	spring type

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	‘Hawkeye’	‘Kosciuszko’	‘Tahara’	‘Tickit’
<input type="checkbox"/> Leaves: reaction to stripe rust pathotype 110E143A+	resistant	resistant	resistant	resistant
<input checked="" type="checkbox"/> Leaves: reaction to stripe rust pathotype 134E16A+	resistant	moderately susceptible	resistant	moderately resistant
<input checked="" type="checkbox"/> Leaves: reaction to stripe rust pathotype 134E16A+J+	resistant	susceptible	moderately resistant	moderately resistant
<input type="checkbox"/> Ear: attitude at maturity	mixed erect to semi-erect	erect to semi-erect	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Roots: reaction to high Boron levels	moderately intolerant			moderately tolerant

<input checked="" type="checkbox"/> Roots: reaction to Cereal Cyst Nematode	resistant	susceptible	resistant
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### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Hawkeye’</b>	<b>‘Kosciuszko’</b>	<b>‘Tahara’</b>	<b>‘Tickit’</b>
<input type="checkbox"/> Flag leaf blade: length (mm)				
Mean	205.00	182.40	206.90	203.30
Std. Deviation	28.70	33.00	29.20	21.70
LSD/sig	39.3	ns	ns	ns
<input type="checkbox"/> Flag leaf blade: width (mm)				
Mean	17.00	16.30	16.60	17.20
Std. Deviation	1.85	1.50	1.24	1.81
LSD/sig	1.7	ns	ns	ns
<input checked="" type="checkbox"/> Ear: length without awns (mm)				
Mean	100.50	128.00	107.40	107.40
Std. Deviation	6.70	11.10	9.50	8.30
LSD/sig	13.5	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Ear: rachis internode length (mm)				
Mean	3.38	4.18	3.66	3.66
Std. Deviation	0.22	0.30	0.25	0.20
LSD/sig	0.38	P≤0.01	ns	ns
<input type="checkbox"/> Plant: height including awns (cm)				
Mean	111.20	118.20	115.60	109.70
Std. Deviation	4.10	5.20	3.20	3.47
LSD/sig	8.3	ns	ns	ns
<input type="checkbox"/> Plant: time of ear emergence from boot (Julian days)				
Mean	253.80	252.00	254.70	254.30
Std. Deviation	0.75	0	0.60	1.15
LSD/sig	1.9	ns	ns	ns
<input checked="" type="checkbox"/> Ear: width (mm)				
Mean	13.15	12.75	11.45	11.00
Std. Deviation	0.91	0.97	0.25	0.91
LSD/sig	1.87	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Grain: test weight (kg/hl)				
Mean	79.93	78.93	76.27	76.93
Std. Deviation	0.61	0.46	0.90	0.83
LSD/sig	1.14	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Grain: screenings, grain through 2mm sieve (%)				
Mean	1.69	4.65	7.05	4.96
Std. Deviation	0.30	0.74	3.85	0.39
LSD/sig	4.6	ns	P≤0.01	ns

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2007/235
<b>Variety Name</b>	'Jaywick'
<b>Genus Species</b>	<i>xTriticosecale</i>
<b>Common Name</b>	Triticale
<b>Synonym</b>	Nil
<b>Accepted Date</b>	10 Oct 2007
<b>Applicant</b>	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Gil Hollamby

**Details of Comparative Trial**

<b>Location</b>	Mintaro, South Australia.
<b>Descriptor</b>	Triticale ( <i>xTriticosecale</i> ) TG/83/4.
<b>Period</b>	2007.
<b>Conditions</b>	The trial was grown in a black self mulching soil which had been pasture in 2006 and wheat in 2005. The area was sprayed with Roundup Power Max (1.2L/ha) + Goal CT (75ml/ha) on 24 May 2007 and direct drilled at 2-4cm in slightly moist conditions on 25 May at 200 plants/m <sup>2</sup> and with 90kg/ha DAP and 80kg/ha Urea. During the winter months moisture was adequate and the trial grew well. In crop weeds were controlled with 2,4-D amine 625 (1.5l/ha) on 6 Sep. Spring was dry and some moisture stress occurred. Harvest took place on 11 Dec about two weeks earlier than normal. There were no diseases of note. A similar trial was planted at Roseworthy.
<b>Trial Design</b>	Randomised Block Design of 3 blocks and 16 entries consisting of comparators and potential candidates. Sown in 12 ranges of 4 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approx. 1000 plants per plot.
<b>Measurements</b>	Heading times were recorded on the same trial planted at Roseworthy 2007, but this trial later was abandoned due to a heavy infestation of Crown Rot. All other measurements and observations were recorded on plant samples taken from the Mintaro trial. At anthesis 5 primary tillers were sampled from each plot in each replicate and flag leaf measurements made. Glaucoity and leaf angle was observed at this time. After maturity plant heights to the top of the awns were recorded at 10 random locations in replicate 2 and 3 only. Twenty heads were also sampled at random from each plot in replicates 2 and 3 for head descriptions and measurements. Measurements were performed on 10 intact heads. Grain quality was measured on the grain harvested from each plot. Statistical analyses were completed using GENSTAT software.
<b>RHS Chart - edition</b>	N/A

### **Origin and Breeding**

Controlled pollination: The female parent was a CIMMYT line accessioned in NSW as ISR499-62. Its pedigree is BGLB/2\*RHINO\_3. This line had a broad head type. This was crossed in the spring 1996 by Dr Kath V Cooper with TX93-19-2, a line bred by her and a sib to 'Tickit' and 'Speedee'. It was chosen for its shorter stature, stiff straw, high tillering habit, resistance to cereal cyst nematode, and resistance to triticale stem rust pathotype 34-2,12,13. The F<sub>1</sub> generation seed was allocated the number TX97-44. F<sub>1</sub> seed was immediately sown in pots in the glasshouse to produce F<sub>2</sub> generation seed, harvested May 1997, and sown as a single plot at Callington, South Australia. Single heads from plants showing the desired agronomic type were taken in Dec and sown as head hills in the Waite Campus birdcage, under irrigation. F<sub>3</sub> generation head hills were harvested in May 1998 and sown as single plots at Callington. One particular plot having desirable plant type, cereal cyst nematode resistance (tested by SARDI) and stem rust resistance (tested by NRCP) was given the line number TX97-44-7. TX97-44-7 was assessed in replicated trials for grain yield and plant type as an F<sub>5</sub> in 1999 (2 sites), F<sub>6</sub> in 2000 and F<sub>7</sub> in 2001 (4 sites). Sites used were Callington, Lameroo, Cleve and Birdwood, SA. In 2001 F<sub>8</sub> generation heads were selected from TX97-44-7 and sown as head hills at Waite Campus, in the birdcage under irrigation, in Dec 2001. These head hills were harvested in May 2002 and sown as F<sub>9</sub> generation as single plots at Birdwood in Jun 2002. One of these reselections was designated TX97-44-7-1. In May-Jun 2003, F<sub>10</sub> generation seed of TX97-44-7-1 was sown in replicated yield trials at 3 sites, and harvested in Dec 2003-Jan 2004. Seed of the F<sub>11</sub> generation was transferred to Australian Grain Technologies in March 2004, by means of a licensing agreement from Adelaide Research and Innovation. Jason Reinheimer continued with testing and reselecting TX97-44-7-1. In 2004 yield tests were carried out at 11 sites, and 50 single head selections were taken from a single plot of TX97-44-7-1. These selections were grown over summer at Roseworthy Campus, University of Adelaide. In 2005 these single selections were assessed individually for plant type, rust resistance and CCN resistance. Selections surviving were bulked as TSA0124. This line was assessed for yield, rust resistance, CCN resistance and physical grain quality at 19 sites by AGT and 15 sites by the National Variety Trial system across Australia in 2006 and 2007. Breeders: Dr Kath Cooper, The University of Adelaide and Mr. Jason Reinheimer, Australian Grain Technologies.

**Choice of Comparators** Characteristics 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	distribution of awns	fully awned
Ear	colour	white
Plant	time of ear emergence	250 to 255 Julian days
Plant	height	105 to 120cm
Flag leaf	length of blade	180 to 230mm

### **Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Tickit'	related variety.
'Tahara'	same adaptation.
'Kosciuszko'	Similar adaptation.

**Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Speedee'	flag leaf blade length	193.2mm	233.1 mm	LSD=39.3(P=1%)
'Speedee'	flag leaf width	15.5mm	18.5mm	LSD=1.7(P=1%)
'Speedee'	Plant time of ear emergence	251.2 Julian days	247.0 Julian days	LSD=1.9 days(P=1%)
'Jackie'	Plant time of ear emergence	251.2 Julian days	271.0 Julian days	LSD=1.9 days(P=1%)

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

Organ/Plant Part: Context	'Jaywick'	'Kosciuszko'	'Tahara'	'Tickit'
<input type="checkbox"/> *Ploidy:	hexaploid	hexaploid	hexaploid	hexaploid
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	weak to medium	medium
<input type="checkbox"/> *Stem: density of hairiness of neck	strong to very strong	strong to very strong	strong to very strong	strong
<input type="checkbox"/> *Ear: distribution of awns	fully awned	fully awned	fully awned	fully awned
<input type="checkbox"/> *Awns above the tip of ear: length	short to medium	short	short to medium	short to medium
<input type="checkbox"/> *Lower glume: length of first beak	medium	medium	short	medium
<input type="checkbox"/> Lower glume: size of second beak	absent or very small	absent or very small	absent or very small	absent or very small
<input checked="" type="checkbox"/> *Lower glume: hairiness on external surface	present	absent	absent	absent
<input type="checkbox"/> Straw: pith in cross section	thin to medium	medium	thin to medium	thin
<input type="checkbox"/> Ear: colour	white	white	white	white
<input type="checkbox"/> *Grain: colouration with phenol	dark to very dark	dark	very dark	very dark
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type	spring type

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	'Jaywick'	'Kosciuszko'	'Tahara'	'Tickit'
<input checked="" type="checkbox"/> Roots: reaction to cereal cyst nematode	Resistant	susceptible	resistant	resistant
<input checked="" type="checkbox"/> Roots: reaction to high boron levels	Intolerant			moderately tolerant
<input type="checkbox"/> Leaves: reaction to stripe rust pathotype 110E143A+	resistant	resistant	resistant	resistant
<input checked="" type="checkbox"/> Leaves: reaction to stripe rust pathotype 134E16A+	resistant	moderately susceptible	resistant	moderately resistant
<input type="checkbox"/> Leaves: reaction to stripe rust	Resistant			
<input checked="" type="checkbox"/> Leaves: reaction to stripe rust pathotype 134E16A+J+	resistant	susceptible	moderately resistant	mod susceptible to mod resistant
<input checked="" type="checkbox"/> Ear: attitude at maturity	recurved	mixed erect to semi-recurved	mixed erect to semi-recurved	mixed erect to semi-recurved

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Jaywick’</b>	<b>‘Kosciuszko’</b>	<b>‘Tahara’</b>	<b>‘Tickit’</b>
<input type="checkbox"/> Flag leaf: blade length (mm)				
Mean	193.20	182.40	206.90	203.30
Std. Deviation	36.10	33.00	29.10	21.70
LSD/sig	39.3	ns	ns	ns
<input type="checkbox"/> Flag leaf: blade width (mm)				
Mean	15.50	16.30	16.60	17.20
Std. Deviation	1.80	1.50	1.20	1.80
LSD/sig	1.7	ns	ns	ns
<input checked="" type="checkbox"/> Flag leaf: sheath length (mm)				
Mean	156.00	181.90	178.00	184.10
Std. Deviation	10.40	16.25	12.50	9.70
LSD/sig	15.8	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length without awns (mm)				
Mean	99.70	127.90	107.40	105.70
Std. Deviation	5.60	11.10	9.50	8.30
LSD/sig	13.5	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Ear: width (mm)				
Mean	13.60	12.75	11.45	11.00
Std. Deviation	0.80	0.97	0.76	0.91
LSD/sig	1.87	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: rachis internode length (mm)				
Mean	3.68	4.18	3.66	3.55
Std. Deviation	0.21	0.30	0.25	0.20
LSD/sig	0.38	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Plant: height (cm)				
Mean	108.10	118.20	115.60	109.70
Std. Deviation	3.90	5.20	3.20	3.50
LSD/sig	8.29	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Plant: time of ear emergence from boot (Julian days)				
Mean	251.20	252.00	254.70	254.30
Std. Deviation	0.29	0.00	0.60	1.10
LSD/sig	1.9	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Grain: test weight (kg/hl)				
Mean	79.40	78.93	76.27	76.93
Std. Deviation	0.40	0.46	0.90	0.83
LSD/sig	1.14	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Grain: screenings, grain through a 2mm sieve (%)				
Mean	2.41	4.65	7.05	4.96
Std. Deviation	0.36	0.74	3.85	0.39
LSD/sig	4.6	ns	P≤0.01	ns

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2007/001
<b>Variety Name</b>	'LS005A01'
<b>Genus Species</b>	<i>Leucospermum cuneiforme</i>
<b>Common Name</b>	Wart-stemmed Pincushion
<b>Synonym</b>	Nil
<b>Accepted Date</b>	25 Jan 2007
<b>Applicant</b>	Proteaflora Enterprises Pty Ltd, Monbulk, VIC
<b>Agent</b>	N/A
<b>Qualified Person</b>	Paul Armitage

**Details of Comparative Trial**

<b>Location</b>	Monbulk, VIC.
<b>Descriptor</b>	<i>Leucospermum</i> ( <i>Leucospermum</i> ) TG/128/3
<b>Period</b>	Feb 2006- Nov 2007.
<b>Conditions</b>	Plants propagated by cuttings, potted to 14cm pots with soilless media. Fed by CRF fertilisers. Grown in outdoor nursery conditions. Plants pinched in Dec 2006.
<b>Trial Design</b>	15 plants of each variety arranged in randomised design.
<b>Measurements</b>	From 10 plants selected at random from each variety.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Open pollination of *Leucospermum cuneiforme* 'Goldie'. The putative pollen parent is *Leucospermum cuneiforme* 'Mardi Gras Petite', plants of which were adjacent to the maternal parent. The seed parent is characterised by erect to spreading growth habit, yellow flowers and late flowering season. The putative pollen parent is characterised by erect to spreading habit, orange flowers and an early flowering season. 'LS005A01' was selected from 4 seedlings originating from the 'Goldie' cross. The candidate was selected on the basis of its erect to spreading habit, medium to late flowering season, high flower number and yellow-orange flower colour. Breeder: Sue Mathews, Proteaflora Enterprises Pty Ltd, Monbulk, VIC.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	erect to spreading
Plant	lignotuber	present
Leaf	position of broadest part	above middle
Leaf	shape of base	acute
Leaf	petiole	absent
Flowering branch	clustering of fully developed flower heads	sometimes present
Flower head	texture of involucre bract	cartilaginous
Floret	colour of apex of bud	greyish
Floret	attitude of basal part of style in relation to receptacle	oblique
Floret	colour of middle part of style	yellow
Floret	shape of pollen presenter in lateral view	triangular



**Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
‘Mardi Gras Petite’	Putative pollen parent. Orange flowered early-mid season <i>L.cuneiflorme</i> variety.
‘Goldie’	Seed parent. Late flowering variety with yellow inflorescences.

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

Organ/Plant Part: Context	‘LS005A01’	‘Goldie’	‘Mardi Gras Petite’
<input type="checkbox"/> *Plant: growth habit	erect to spreading	erect to spreading	erect to spreading
<input type="checkbox"/> Plant: height	medium	medium	medium
<input type="checkbox"/> Plant: diameter	medium	medium	medium
<input type="checkbox"/> Plant: density of foliage	medium to dense	medium	medium
<input type="checkbox"/> *Plant: lignotuber	present	present	present
<input type="checkbox"/> Leaf: blade always upright	absent	absent	absent
<input type="checkbox"/> Leaf: predominant attitude in relation to branch	oblique	oblique	oblique
<input checked="" type="checkbox"/> Leaf: length	short to medium	medium to long	short to medium
<input type="checkbox"/> Leaf: width	narrow to medium	narrow	narrow to medium
<input type="checkbox"/> *Leaf: position of broadest part	above middle	above middle	above middle
<input checked="" type="checkbox"/> *Leaf: shape of apex	acute	truncate	obtuse
<input type="checkbox"/> *Leaf: shape of base	acute	acute	acute
<input type="checkbox"/> Leaf: shape in cross section	more or less straight	more or less straight	more or less straight
<input type="checkbox"/> Leaf: colour	green	green	green
<input type="checkbox"/> Leaf: pubescence of blade	inconspicuous	inconspicuous	inconspicuous
<input type="checkbox"/> *Leaf: incisions on distal part	present	present	present
<input checked="" type="checkbox"/> *Leaf: number of incisions on distal part	very few to few	few	medium to many
<input checked="" type="checkbox"/> *Leaf: depth of incisions on distal part	shallow	deep	medium
<input type="checkbox"/> Leaf: undulation of margin	absent	absent	absent
<input type="checkbox"/> Leaf: conspicuous colour of margin	greenish	greenish	greenish
<input type="checkbox"/> Leaf: fringe on margin	absent	absent	absent
<input type="checkbox"/> *Leaf: petiole	absent	absent	absent
<input type="checkbox"/> Flowering branch: length	short to medium	short to medium	short to medium
<input type="checkbox"/> Flowering branch: thickness	thin to medium	thin to medium	thin to medium
<input type="checkbox"/> Flowering branch: rigidity	medium to strong	medium to strong	medium to strong
<input type="checkbox"/> Flowering branch: pubescence	conspicuous	conspicuous	conspicuous

<input type="checkbox"/> *Flowering branch: clustering of fully developed flower heads	sometimes present	sometimes present	sometimes present
<input type="checkbox"/> Flowering branch: number of fully developed flower heads per cluster	2 to 3	2 to 3	2 to 3
<input checked="" type="checkbox"/> Flower head: length of narrowed basal part	medium	medium	short
<input checked="" type="checkbox"/> *Flower head: length	short to medium	medium to long	short to medium
<input checked="" type="checkbox"/> *Flower head: diameter	small to medium	medium	small to medium
<input checked="" type="checkbox"/> *Flower head: predominant colour	yellow	yellow	orange
<input type="checkbox"/> *Flower head: texture of involucre bract	cartilaginous	cartilaginous	cartilaginous
<input type="checkbox"/> Flower head: pubescence of involucre bract	conspicuous	conspicuous	conspicuous
<input type="checkbox"/> Flower head: length of floret bract	medium	medium	medium
<input type="checkbox"/> Flower head: width of floret bract	medium	medium	medium
<input checked="" type="checkbox"/> Flower head: colour of apical part of floret bract	reddish	greenish	reddish
<input type="checkbox"/> Flower head: fringe on apical margin of floret bract	present	present	present
<input type="checkbox"/> *Flower head: diameter of perianth mass	small to medium	small to medium	small
<input type="checkbox"/> Floret: length of perianth	medium	medium	medium
<input type="checkbox"/> Floret: pubescence on apex of bud	conspicuous	conspicuous	conspicuous
<input type="checkbox"/> *Floret: colour of apex of bud	greyish	greyish	greyish
<input checked="" type="checkbox"/> *Floret: colour of perianth below apex of bud	orange	yellow	orange
<input checked="" type="checkbox"/> *Floret: colour of rolled up perianth segments	orange red	yellow	red
<input type="checkbox"/> Floret: intensity of colour of rolled up perianth segments	medium	medium	medium
<input type="checkbox"/> Floret: length of style	medium	medium	medium
<input type="checkbox"/> Floret: degree of curvature of style	weak	weak	weak
<input type="checkbox"/> Floret: thickness of style	medium	medium to thick	medium
<input type="checkbox"/> *Floret: attitude of basal part of style in relation to receptacle	oblique	oblique	oblique

<input type="checkbox"/> *Floret: colour of middle part of style	yellow	yellow	yellow
<input type="checkbox"/> Floret: intensity of colour of middle part of style	medium	medium	medium
<input type="checkbox"/> Floret: length of pollen presenter	medium	medium	medium to long
<input type="checkbox"/> *Floret: shape of pollen presenter in lateral view	triangular	triangular	triangular
<input checked="" type="checkbox"/> Floret: colour of pollen presenter	orange red	orange	orange
<input type="checkbox"/> Floret: intensity of colour of pollen presenter	light to medium	light to medium	light to medium
<input checked="" type="checkbox"/> *Time of: flowering	medium to late	late	early to medium

### **Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘LS005A01’</b>	<b>‘Goldie’</b>	<b>‘Mardi Gras Petite’</b>
<input checked="" type="checkbox"/> Floret: colour of rolled perianth	RHS34A	RHS17A	RHS45A
<input checked="" type="checkbox"/> Floret: colour of middle of style	RHS22A	RHS21B	RHS32A
<input checked="" type="checkbox"/> Floret: colour of pollen presenter	RHS32B	RHS21C	RHS42A
<input checked="" type="checkbox"/> Leaf: shape of blade	ovate	lanceolate	cuneate

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘LS005A01’</b>	<b>‘Goldie’</b>	<b>‘Mardi Gras Petite’</b>
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	65.40	80.90	66.20
Std. Deviation	10.13	7.81	6.94
LSD/sig	10.41	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: number of inflorescences			
Mean	6.50	3.60	4.90
Std. Deviation	0.71	1.26	1.29
LSD/sig	1.39	P≤0.01	P≤0.01

### **Prior Applications and Sales**

**Nil.**

Description: **Paul Armitage**, Proteaflora Enterprises Pty Ltd, Monbulk, VIC.

**Details of Application**

<b>Application Number</b>	2005/289
<b>Variety Name</b>	'DOW20'
<b>Genus Species</b>	<i>Waterhousea floribunda</i>
<b>Common Name</b>	Weeping Lilly Pilly
<b>Synonym</b>	Nil
<b>Accepted Date</b>	29 Apr 2006
<b>Applicant</b>	Downes Wholesale Nursery Pty Ltd, Rossmore, NSW
<b>Agent</b>	Ozbreed Pty Ltd, Clarendon, NSW
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Theresa Park, NSW.
<b>Descriptor</b>	Lilly Pilly ( <i>Acmena smithii</i> /Syzygium sp) PBR LILL.
<b>Period</b>	Summer - autumn 2007.
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 300mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	1995.

**Origin and Breeding**

Seedling selection: seed parent *Waterhousea floribunda*. The seed parent is characterised by a medium weeping growth habit, brown new stem colour, reddish immature leaf colour and weak undulation of the leaf margin. In 2000, 2 to 3 thousand seedlings arising from open-pollinated seed of *W. floribunda* were grown in an open bed. In 2001, 4 seedlings were selected due to their new growth, rippled leaf margin, green bark colour and strongly weeping habits. Finally, in 2001 a single seedling was selected due to its most extreme differences to the parent form. Selection took place in Tuckombil, NSW in 2001. Selection criteria: compact strongly weeping plant growth habit, green new stem colour, green immature leaf colour and strong undulation of the leaf margin. Propagation: vegetative cuttings were found to be uniform and stable. Breeders: Greg Hellyar and Stuart Nolan, Tuckombil, NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Leaf	variegation	absent
Plant	growth habit	spreading

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
<i>W. floribunda</i>	parent variety used as DOW20 is the first variety of the species

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

<b>Organ/Plant Part: Context</b>	<b>‘DOW20’</b>	<b><i>W. floribunda</i></b>
<input type="checkbox"/> Plant: growth habit	spreading	spreading
<input type="checkbox"/> Plant: height	medium to tall	tall
<input type="checkbox"/> Plant: branch density	medium	medium
<input checked="" type="checkbox"/> Stem: branch angle	horizontal	broad acute
<input type="checkbox"/> Stem: internode length	medium	medium
<input type="checkbox"/> Stem: basal diameter	medium	medium
<input checked="" type="checkbox"/> Stem: colour of mature stem (RHS colour chart)	199D	199D and 200A (scars)
<input checked="" type="checkbox"/> Stem: colour of new growth (RHS colour chart)	144B	177A
<input type="checkbox"/> Leaf: blade length	medium to long	medium
<input type="checkbox"/> Leaf: blade width	medium	medium
<input type="checkbox"/> Leaf: petiole length	medium	medium
<input checked="" type="checkbox"/> Leaf: shape of blade	narrow elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: glossiness	medium	medium
<input type="checkbox"/> Leaf: shape of cross section	concave	flat to concave
<input type="checkbox"/> Leaf: shape of longitudinal section	flat	flat
<input type="checkbox"/> Leaf: stiffness	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf: prominence of midrib on lower surface	prominent	prominent
<input type="checkbox"/> Mature leaf: primary colour of upper side (RHS colour chart)	147A	147A
<input checked="" type="checkbox"/> Mature leaf: primary colour of lower side (RHS colour chart)	ca 147A	ca 146A
<input checked="" type="checkbox"/> Partly mature leaf: primary colour of upper side (RHS colour chart)	144A	ca 146A
<input checked="" type="checkbox"/> Partly mature leaf: primary colour of lower side (RHS colour chart)	144A	146C
<input checked="" type="checkbox"/> Newly emerged: upper side (RHS colour chart)	144A	174A
<input type="checkbox"/> Leaf: variegation	absent	absent
<input checked="" type="checkbox"/> Leaf: petiole colour (RHS colour chart)	153D	174B

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘DOW20’</b>	<b><i>W. floribunda</i></b>
<input checked="" type="checkbox"/> Plant: degree of weeping	strong	medium
<input checked="" type="checkbox"/> Leaf: undulation of margin	strong	weak

<input type="checkbox"/> Mature leaf: colour of midrib (RHS)	154D	154D
<input checked="" type="checkbox"/> Leaf: anthocyanin coloration of midrib on lower side	absent	present

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘DOW20’</b>	<b><i>W. floribunda</i></b>
<input type="checkbox"/> Leaf: length (mm)		
Mean	86.70	80.90
Std. Deviation	14.20	19.70
LSD/sig	19.62	ns
<input type="checkbox"/> Leaf: width (mm)		
Mean	20.40	20.50
Std. Deviation	2.90	3.90
LSD/sig	3.92	ns

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2007/117
<b>Variety Name</b>	'Axe'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	Nil
<b>Accepted Date</b>	18 May 2007
<b>Applicant</b>	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Gil Hollamby

**Details of Comparative Trial**

<b>Location</b>	Mintaro, South Australia.
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) TG/3/11.
<b>Period</b>	2007.
<b>Conditions</b>	The trial was grown in a redbrown earth soil which had been pasture in 2006 and wheat in 2005. The area was sprayed with Roundup Power Max (1.2L/ha) + Goal CT (75ml/ha) on 24 May 2007 and direct drilled at 2-4cm in slightly moist conditions on 25 May at 200 plants/m <sup>2</sup> and with 90kg/ha DAP and 80kg/ha Urea. During the winter months moisture was adequate and the trial grew well. In crop weeds were controlled with 2,4-D amine 625(1.5l/ha) on 6 Sep. Spring was dry and some moisture stress occurred so varieties were shorter in stature than expected. Harvest took place on 14 December about two weeks earlier than normal. There were no diseases of note. A similar trial was planted at Roseworthy.
<b>Trial Design</b>	Randomised Block Design of 3 blocks and 56 entries consisting of comparators and potential candidates. Sown in 12 ranges of 14 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approx. 1000 plants per plot.
<b>Measurements</b>	Heading times were recorded on the same trial planted at Roseworthy 2007, but this trial later was abandoned due to a heavy infestation of Crown Rot. All other measurements and observations were recorded on plant samples taken from the Mintaro trial. At anthesis 5 primary tillers were sampled from each plot in each replicate and flag leaf measurements made. Glaucosity and leaf angle was observed at this time. After maturity plant heights to the top of the awns were recorded at 10 random locations in replicate 2 and 3 only. Twenty heads were also sampled at random from each plot in replicates 2 and 3 for head descriptions and measurements. Measurements were performed on 10 intact heads per block. Statistical analyses were completed using GENSTAT software.
<b>RHS Chart - edition</b>	N/A

### **Origin and Breeding**

Controlled pollination: The cross that produced RAC1192, coded CO5641, was completed in 1999. Two F<sub>1</sub> plants, each with the pedigree RAC875//Excalibur/Kukri, were intercrossed. In total 59 doubled haploids were produced from the resultant F<sub>1</sub>s. Seed was multiplied over winter at Roseworthy Campus, Roseworthy, in 2000. This, and all subsequent seed was multiplied by self pollination. Doubled haploids were grown in 3 field nurseries in southern Australia in 2001 and 8 in 2002. The lines were assessed for rust resistance, plant type, heading date, end use quality and grain yield. Each of the lines were also assessed at Cobbitty (NSW) and Horsham (Vic) for rust resistance. One elite doubled haploid, CO5641-AH00 was identified and renamed RAC1192. RAC1192 was included in the Stage 3 and 4 testing regimes of Australian Grain Technologies in 2003-2006. The disease resistance, abiotic stress tolerance, end use quality and grain yield of RAC1192 was assessed in WA, SA, Vic, NSW and QLD as part of its inclusion in Stage 3 and 4 trials. Samples were submitted to AWB for quality testing, and RAC1192 received an AH classification. RAC1192 was included in the Stage 4 testing of AGT and the NVT system in 2007. Breeder: Mr Haydn Kuchel, Dr Stephen Jefferies and Mr Gil Hollamby, Australian Grain Technologies.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Ear	distribution of awns	fully awned
Ear	colour	white
Plant	time of ear emergence	≤ 254 Julian days

### **Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
‘Kukri’	early, grown in area of adaptation
‘Silverstar’	very early
‘Excalibur’	early variety in the area of adaptation

### **Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>	<b>Comments</b>
‘Young’	Flag leaf blade width	very wide (21.2 mm)	narrow(14.6mm)	LSD=2.2 (P=1%)
‘Wyalkatchem’	Flag leaf blade width (2006)	very wide(17.6mm)	medium to narrow(13.2)	LSD=1.4 (P=1%)
‘H45’	Leaves stripe rust post reaction anthesis	Moderately resistant	very susceptible	
‘H45’	Flag leaf blade width (2006 trial)	very wide(18.0mm)	narrow(13.2mm)	LSD=1.4 (p=1%)



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

<b>Organ/Plant Part: Context</b>	<b>‘Axe’</b>	<b>‘Excalibur’</b>	<b>‘Kukri’</b>	<b>‘Silverstar’</b>
<input type="checkbox"/> *Plant: growth habit	semi-erect to intermediate	intermediate	semi-erect	semi-erect
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	strong	absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very low to low	high	medium to high	high
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium		weak	weak
<input checked="" type="checkbox"/> *Ear: glaucosity	medium		weak to medium	weak
<input type="checkbox"/> Culm: glaucosity of neck	medium		weak to medium	weak
<input type="checkbox"/> *Straw: pith in cross section	thin	very thin to thin	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering	tapering
<input checked="" type="checkbox"/> *Ear: density	medium	medium	lax	lax to medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium	medium	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	broad	medium	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	straight to elevated	straight to elevated	elevated	sloping
<input checked="" type="checkbox"/> Lower glume: beak length	short to medium	medium	long	medium to long
<input type="checkbox"/> Lower glume: beak shape	straight to slightly curved	straight	moderately curved	slightly curved
<input type="checkbox"/> Lower glume: extent of internal hair	very weak	weak	weak to medium	medium
<input type="checkbox"/> Lowest lemma: beak shape	slightly curved to moderately curved	straight to slightly curved	slightly curved	straight
<input type="checkbox"/> *Grain: colour	white	white	white	white
<input checked="" type="checkbox"/> Grain: colouration with phenol	none or very light to light	dark	medium	very dark
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type	spring type

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Axe’</b>	<b>‘Excalibur’</b>	<b>‘Kukri’</b>	<b>‘Silverstar’</b>
<input type="checkbox"/> Whole plant post anthesis: Stem rust reaction	moderately susceptible	Susceptible	resistant	
<input type="checkbox"/> Whole plant post anthesis: Stripe rust	moderately	susceptible	resistant	moderately

reaction	resistant			susceptible
<input checked="" type="checkbox"/> Leaves post anthesis: Leaf rust reaction (Lr37 virulent race)	moderately resistant	susceptible	susceptible	
<input type="checkbox"/> Glutenin composition: allele expression at GluA1	a	mixed a & b	a	a
<input checked="" type="checkbox"/> Glutenin composition: allele expression at GluB1	i	i	al	i
<input checked="" type="checkbox"/> Glutenin composition: allele expression at GluD1	d	a	d	mixed a & d
<input type="checkbox"/> Glutenin composition: allele expression at GluA3	c	mixed b & c	d	mixed b & c
<input checked="" type="checkbox"/> Glutenin composition: allele expression at GluB3	b	b	h	h
<input checked="" type="checkbox"/> Glutenin composition: allele expression at GluD3	b	a	b	b

### Statistical Table

Organ/Plant Part: Context	‘Axe’	‘Excalibur’	‘Kukri’	‘Silverstar’
<input checked="" type="checkbox"/> Flag leaf: length (mm)				
Mean	179.10	n/a	198.90	246.10
Std. Deviation	43.30	n/a	35.50	31.30
LSD/sig	41.3	n/a	ns	P≤0.01
<input type="checkbox"/> Flag leaf: blade width (mm)				
Mean	21.20	n/a	17.40	16.80
Std. Deviation	2.10	n/a	2.60	1.20
LSD/sig	2.2	n/a	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: sheath length (mm)				
Mean	161.30	n/a	183.40	177.80
Std. Deviation	10.60	n/a	8.00	7.00
LSD/sig	15.1	n/a	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: time of ear emergence (Julian days)				
Mean	248.10	253.30	254.00	248.70
Std. Deviation	2.00	0.58	1.00	2.30
LSD/sig	2.1	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Whole plant: height (cm)				
Mean	82.00	83.90	91.50	88.00
Std. Deviation	3.20	2.35	3.10	3.40
LSD/sig	6.6	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: length without awns (mm)				
Mean	93.40	100.00	106.40	106.10
Std. Deviation	5.60	5.31	10.56	7.61
LSD/sig	8.4	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: rachis internode (mm)				
Mean	4.24	4.19	4.54	4.73

Std. Deviation	0.25	0.18	0.32	0.28
LSD/sig	0.35	ns	ns	P≤0.01

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2006/302
<b>Variety Name</b>	'Gladius'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	Nil
<b>Accepted Date</b>	17 Jan 2007
<b>Applicant</b>	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Gil Hollamby

**Details of Comparative Trial**

<b>Location</b>	Mintaro, South Australia.
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) TG/3/11.
<b>Period</b>	2007.
<b>Conditions</b>	The trial was grown in a redbrown earth soil which had been pasture in 2006 and wheat in 2005. The area was sprayed with Roundup Power Max (1.2L/ha) + Goal CT (75ml/ha) on 24 May 2007 and direct drilled at 2-4cm in slightly moist conditions on 25 May at 200 plants/m <sup>2</sup> and with 90kg/ha DAP and 80kg/ha Urea. During the winter months moisture was adequate and the trial grew well. In crop weeds were controlled with 2,4-D amine 625(1.5l/ha) on 6 Sep. Spring was dry and some moisture stress occurred so varieties were shorter in stature than expected. Harvest took place on 14 Dec about two weeks earlier than normal. There were no diseases of note. A similar trial was planted at Roseworthy.
<b>Trial Design</b>	Randomised Block Design of 3 blocks and 56 entries consisting of comparators and potential candidates. Sown in 12 ranges of 14 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approx. 1000 plants per plot.
<b>Measurements</b>	Heading times were recorded on the same trial planted at Roseworthy 2007, but this trial later was abandoned due to a heavy infestation of Crown Rot. All other measurements and observations were recorded on plant samples taken from the Mintaro trial. At anthesis 5 primary tillers were sampled from each plot in each replicate and flag leaf measurements made. Glaucoity and leaf angle was observed at this time. After maturity plant heights to the top of the awns were recorded at 10 random locations in replicate 2 and 3 only. Twenty heads were also sampled at random from each plot in replicates 2 and 3 for head descriptions and measurements. Measurements were performed on 10 intact heads per block. Statistical analyses were completed using GENSTAT software.
<b>RHS Chart - edition</b>	N/A

### **Origin and Breeding**

Controlled pollination: A complex crossing strategy involving the parents of RAC1262 was completed in 2001. The final cross, coded CO5693, was between an F<sub>2</sub> plant with the pedigree RAC875/Krichauff//Excalibur/Kukri/3/RAC875/Krichauff and a doubled haploid with pedigree RAC875//Excalibur/Kukri. In total 181 doubled haploids were produced from this cross. Seed was multiplied over summer at Roseworthy Campus, Roseworthy in 2002/3. This, and all subsequent generations were multiplied by self pollination. Doubled haploids were grown in five field nurseries in South Australia and assessed for rust resistance, plant type, heading date and grain yield. An elite doubled haploid, CO5693-E002 was identified and renamed RAC1262. RAC1262 was included in the Stage 3 testing regime of Australian Grain Technologies, undergoing grain yield evaluation at 16 locations across Australia. The disease resistance, abiotic stress tolerance, and end use quality of RAC1262 was also assessed as part of its inclusion in Stage 3 trials. RAC1262 was then included in AGT Stage 4 trials in 2005, and its grain yield evaluated at 37 sites across Australia. Samples were submitted to AWB for quality testing, and RAC1262 has received a preliminary APW classification. RAC1262 was included in the Stage 4 testing of AGT and the NVT system in 2006 and 2007. Breeders: Mr Haydn Kuchel, Dr Stephen Jefferies, Mr Gil Hollamby (Australian Grain Technologies) in collaboration with Dr Neil Howes (formerly SARDI).

**Choice of Comparators** Characteristics 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	distribution of awns	fully awned
Ear	colour	white
Plant	time of ear emergence	250 to 258 Julian days

### **Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Correll'	similar adaptation.
'Yitpi'	widely grown hard wheat in the area.
'Kukri'	grown in the area of adaptation.

### **Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Krichauff'	flag leaf	blade width narrow(12.0m (2006 data) m)	wide(16.3mm)	LSD=1.4mm (P=1%)
'Excalibur'	grain	protein composition	pure	mixed
'Young'	flag leaf	blade width narrow(14.6m m)	wide(18.0mm)	LSD=2.2(P=1%)

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

<b>Organ/Plant Part: Context</b>	<b>‘Gladius’</b>	<b>‘Correll’</b>	<b>‘Kukri’</b>	<b>‘Yitpi’</b>
<input type="checkbox"/> *Plant: growth habit	semi-erect	intermediate	semi-erect	intermediate
<input checked="" type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	strong	absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	low	medium	medium to high	high to very high
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	very strong	strong	weak	medium
<input checked="" type="checkbox"/> *Ear: glaucosity	medium	strong	weak to medium	weak to medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	strong	strong	weak to medium	medium to strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin	thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	tapering	parallel sided
<input type="checkbox"/> *Ear: density	lax to medium	medium	lax	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium	medium to long	medium	medium
<input type="checkbox"/> *Ear: colour	white	white	white	white
<input checked="" type="checkbox"/> Lower glume: shoulder width	broad	broad	medium	broad
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping to straight	straight	elevated	slightly sloping
<input checked="" type="checkbox"/> Lower glume: beak length	short	short	long	medium
<input type="checkbox"/> Lower glume: beak shape	straight	straight	moderately curved	straight
<input type="checkbox"/> Lower glume: extent of internal hair	weak	medium	weak to medium	very weak to weak
<input type="checkbox"/> Lowest lemma: beak shape	slightly curved	straight to slightly curved	slightly curved	straight
<input type="checkbox"/> *Grain: colour	white	white	white	white
<input type="checkbox"/> Grain: colouration with phenol	dark	dark to very dark	medium	very dark
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type	spring type

**Characteristics Additional to the Descriptor/TG**

<b>Organ/Plant Part: Context</b>	<b>‘Gladius’</b>	<b>‘Correll’</b>	<b>‘Kukri’</b>	<b>‘Yitpi’</b>
<input type="checkbox"/> Whole plant post anthesis: Stripe rust reaction	moderately resistant	mod. susceptible to mod. resistant		mod. susceptible to mod. resistant
<input type="checkbox"/> Whole plant post anthesis: stem rust reaction	moderately resistant	mod susceptible to mod resistant	resistant	Susceptible
<input type="checkbox"/> Leaves post anthesis: Leaf rust reaction (Lr37 virulent race)	moderately susceptible	moderately susceptible	resistant	moderately susceptible
<input type="checkbox"/> Glutenin composition: allele expression at GluA1	a	mixed a & b	a	a

<input checked="" type="checkbox"/> Glutenin composition: allele expression at GluB1	u	u	al	u
<input type="checkbox"/> Glutenin composition: allele expression at GluD1	d	d	d	d
<input type="checkbox"/> Glutenin composition: allele expression at GluA3	c	mixed c & d	d	c
<input type="checkbox"/> Glutenin composition: allele expression at GluB3	b	mixed b & h	h	h
<input checked="" type="checkbox"/> Glutenin composition: allele expression at GluD3	a	mixed b & c	b	c

### **Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Gladius’</b>	<b>‘Correll’</b>	<b>‘Kukri’</b>	<b>‘Yitpi’</b>
<input checked="" type="checkbox"/> Flag leaf: blade length (mm)				
Mean	166.20	172.10	198.90	197.90
Std. Deviation	28.90	21.70	35.50	36.10
LSD/sig	41.4	ns	P≤0.01	ns
<input type="checkbox"/> Flag leaf: blade width (mm)				
Mean	18.00	16.90	17.40	16.80
Std. Deviation	1.60	1.40	2.70	1.20
Lsd/sig	2.2	ns	ns	ns
<input checked="" type="checkbox"/> Flag leaf: sheath length (mm)				
Mean	155.50	170.30	183.40	189.20
Std. Deviation	6.30	8.10	8.00	10.70
LSD/sig	15.1	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: time of ear emergence (Julian days)				
Mean	254.00	255.70	254.00	256.00
Std. Deviation	0.00	0.60	1.00	0.00
LSD/sig	2.1	ns	ns	ns
<input type="checkbox"/> Whole plant: height (cm)				
Mean	82.00	85.60	91.50	89.20
Std. Deviation	4.10	3.30	3.10	2.50
LSD/sig	6.6	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: length without awns (mm)				
Mean	90.90	98.30	106.40	94.50
Std. Deviation	4.60	5.30	10.56	6.21
LSD/sig	8.4	ns	P≤0.01	ns
<input type="checkbox"/> Ear: rachis internode (mm)				
Mean	4.30	4.27	4.54	4.18
Std. Deviation	0.21	0.18	0.32	0.22
LSD/sig	0.35	ns	ns	ns

### **Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2007/322
<b>Variety Name</b>	'Espada'
<b>Genus Species</b>	<i>Triticum aestivum</i>
<b>Common Name</b>	Wheat
<b>Synonym</b>	Nil
<b>Accepted Date</b>	17 Jan 2008
<b>Applicant</b>	Australian Grain Technologies Pty Ltd, Glen Osmond, SA
<b>Agent</b>	N/A
<b>Qualified Person</b>	Gil Hollamby

**Details of Comparative Trial**

<b>Location</b>	Mintaro, South Australia.
<b>Descriptor</b>	Wheat ( <i>Triticum aestivum</i> ) TG/3/11.
<b>Period</b>	2007.
<b>Conditions</b>	The trial was grown in a redbrown earth soil which had been pasture in 2006 and wheat in 2005. The area was sprayed with Roundup Power Max (1.2L/ha) + Goal CT (75ml/ha) on 24 May 2007 and direct drilled at 2-4cm in slightly moist conditions on 25 May at 200 plants/m <sup>2</sup> and with 90kg/ha DAP and 80kg/ha Urea. During the winter months moisture was adequate and the trial grew well. In crop weeds were controlled with 2,4-D amine 625(1.5l/ha) on 6 Sep. Spring was dry and some moisture stress occurred so varieties were shorter in stature than expected. Harvest took place on 14 Dec about two weeks earlier than normal. There were no diseases of note. A similar trial was planted at Roseworthy.
<b>Trial Design</b>	Randomised Block Design of 3 blocks and 56 entries consisting of comparators and potential candidates. Sown in 12 ranges of 14 plots wide, block 1 being in ranges 1 to 4 and so on. Plots were 1.25m wide (5 rows) and 3.2m long. There were approx. 1000 plants per plot.
<b>Measurements</b>	Heading times were recorded on the same trial planted at Roseworthy 2007, but this trial later was abandoned due to a heavy infestation of Crown Rot. All other measurements and observations were recorded on plant samples taken from the Mintaro trial. At anthesis 5 primary tillers were sampled from each plot in each replicate and flag leaf measurements made. Glaucoity and leaf angle was observed at this time. After maturity plant heights to the top of the awns were recorded at 10 random locations in replicate 2 and 3 only. Twenty heads were also sampled at random from each plot in replicates 2 and 3 for head descriptions and measurements. Measurements were performed on 10 intact heads per block. Statistical analyses were completed using GENSTAT software.
<b>RHS Chart - edition</b>	N/A



### **Origin and Breeding**

Controlled pollination: a complex crossing strategy involving the parents of RAC1263 was completed in 2001. The final cross, coded CO5693, was between an F<sub>2</sub> plant with pedigree RAC875/Krichauff//Excalibur/Kukri/3/RAC875/Krichauff and a doubled haploid with pedigree RAC875//Excalibur/Kukri. In total 181 doubled haploids were produced from this cross. Seed was multiplied over summer at Roseworthy Campus, Roseworthy, in 2002/3. This and all subsequent seed was multiplied by self pollination. Doubled haploids were grown in five field nurseries in South Australia and assessed for rust resistance, plant type, heading date and grain yield. An elite doubled haploid, CO5693-E010 was identified and renamed RAC1263. RAC1263 was included in the Stage 3 testing regime of Australian Grain Technologies, undergoing grain yield evaluation at 16 locations across Australia. The disease resistance, abiotic stress tolerance, and end use quality of RAC1263 was also assessed as part of its inclusion in Stage 3 trials. RAC1263 was then included in AGT Stage 4 trials in 2005, and its grain yield evaluated at 37 sites across Australia. Samples were submitted to AWB for quality testing, and RAC1263 has received an APW classification. RAC1263 was included in the Stage 4 testing of AGT and the NVT system in 2007. Breeders: Mr Haydn Kuchel, Dr Stephen Jefferies, Mr Gil Hollamby (Australian Grain Technologies) in collaboration with Dr Neil Howes (formerly SARDI).

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time of ear emergence	252 to 258 Julian days
Plant	post anthesis glaucosity	strong to very strong
Ear	distribution of awns	fully awned
Ear	colour	white

### **Most Similar Varieties of Common Knowledge identified (VCK)**

Name	Comments
'Correll'	Similar area of adaptation.
'Gladus'	Sibling.

### **Varieties of Common Knowledge identified and subsequently excluded**

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Yitpi'	Plant	post anthesis glaucosity	very strong	medium
'Wyalkatchem'	Plant	post anthesis glaucosity	very strong	medium
'Kukri'	Plant	post anthesis glaucosity	very strong	weak 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	‘Espada’	‘Correll’	‘Gladius’
<input type="checkbox"/> *Plant: growth habit	intermediate to semi-prostrate	intermediate	semi-erect
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	absent or very low	medium	low
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	very strong	strong	very strong
<input checked="" type="checkbox"/> *Ear: glaucosity	medium	strong	medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	very strong	strong	strong
<input checked="" type="checkbox"/> *Straw: pith in cross section	medium	thin	thin
<input type="checkbox"/> *Ear: shape in profile	parallel sided	parallel sided	parallel sided
<input type="checkbox"/> *Ear: density	medium to dense	medium	lax to medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium	medium to long	medium
<input type="checkbox"/> *Ear: colour	white	white	white
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	broad	broad
<input type="checkbox"/> Lower glume: shoulder shape	slightly sloping to straight	straight	slightly sloping to straight
<input type="checkbox"/> Lower glume: beak length	very short to short	short	short
<input type="checkbox"/> Lower glume: beak shape	straight	straight	straight
<input type="checkbox"/> Lower glume: extent of internal hair	very weak	medium	weak
<input type="checkbox"/> Lowest lemma: beak shape	straight	straight to slightly curved	slightly curved
<input type="checkbox"/> *Grain: colour	white	white	white
<input type="checkbox"/> Grain: colouration with phenol	dark	dark to very dark	dark
<input type="checkbox"/> *Seasonal type:	spring type	spring type	spring type

**Characteristics Additional to the Descriptor/TG**

Organ/Plant Part: Context	‘Espada’	‘Correll’	‘Gladius’
<input checked="" type="checkbox"/> Leaves: Reaction to stripe rust pathotype 134E16A+	resistant	moderately susceptible	
<input checked="" type="checkbox"/> Glutenin composition : allele expression at GluA1	a	Mixed a & b	a
<input type="checkbox"/> Leaves post anthesis: Leaf rust reaction (Lr37 virulent race)	moderately susceptible	moderately susceptible	moderately susceptible
<input type="checkbox"/> Glutenin composition: allele expression at GluB1	u	u	u
<input type="checkbox"/> Glutenin composition: allele expression at GluD1	d	d	d
<input type="checkbox"/> Glutenin composition: allele expression at GluA3	d	mixed c & d	c
<input type="checkbox"/> Glutenin composition: allele expression	b	mixed b & h	b

at GluB3

<input checked="" type="checkbox"/> Glutenin composition: allele expression	b	mixed b & c	a
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at GluD3

<input type="checkbox"/> Whole plant post anthesis: stem rust reaction	moderately resistant		moderately resistant
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<input type="checkbox"/> Whole plant post anthesis: Stripe rust reaction	moderately resistant	mod. susceptible to mod. resistant	moderately resistant
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**Statistical Table**

Organ/Plant Part: Context	‘Espada’	‘Correll’	‘Gladius’
<input type="checkbox"/> Flag leaf: blade length (mm)			
Mean	153.00	172.10	166.20
Std. Deviation	21.20	21.70	28.90
LSD/sig	41.3	ns	ns
<input type="checkbox"/> Flag leaf: blade width (mm)			
Mean	18.00	16.90	18.00
Std. Deviation	1.10	2.20	1.60
LSD/sig	2.2	ns	ns
<input checked="" type="checkbox"/> Flag leaf: sheath length (mm)			
Mean	149.70	170.30	155.50
Std. Deviation	7.40	14.10	6.30
LSD/sig	15.1	P≤0.01	ns
<input type="checkbox"/> Plant: time of ear emergence (Julian days)			
Mean	255.50	255.70	254.00
Std. Deviation	0.60	0.60	0.00
LSD/sig	2.1	ns	ns
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	78.90	85.60	82.00
Std. Deviation	3.40	3.30	4.10
LSD/sig	6.6	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: length without awns (mm)			
Mean	88.50	98.30	90.90
Std. Deviation	6.40	5.30	4.60
LSD/sig	8.4	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: rachis internode length (mm)			
Mean	3.92	4.27	4.30
Std. Deviation	0.22	0.18	0.21
LSD/sig	0.35	P≤0.01	P≤0.01

**Prior Applications and Sales**

Nil.

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

**Details of Application**

<b>Application Number</b>	2006/222
<b>Variety Name</b>	'Jedda's Dream'
<b>Genus Species</b>	<i>Agonis flexuosa</i>
<b>Common Name</b>	Willow Myrtle
<b>Synonym</b>	Nil
<b>Accepted Date</b>	15 Aug 2006
<b>Applicant</b>	James F Koppman and Jaqueline A Koppman, Falls Creek, NSW
<b>Agent</b>	N/A
<b>Qualified Person</b>	Ian Paananen

**Details of Comparative Trial**

<b>Location</b>	Falls Creek , NSW.
<b>Descriptor</b>	Willow Peppermint ( <i>Agonis flexuosa</i> ) PBR AGON
<b>Period</b>	Summer 2006-autumn 2007.
<b>Conditions</b>	Trial conducted in open beds, plants propagated from cuttings, planted into 200mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.
<b>Trial Design</b>	Fifteen pots of each variety arranged in a completely randomised design.
<b>Measurements</b>	From ten plants at random.
<b>RHS Chart - edition</b>	2001.

**Origin and Breeding**

Spontaneous mutation: 'Jervis Bay Afterdark'. The parent is characterised by a tall plant height, upright to weeping growth habit and medium basal branching. Selection took place in Tumby Umbi, NSW, and Falls Creek, NSW in 1999. Selection criteria: short plant height, bushy plant growth habit. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeders: James and Jacquie Koppman, Falls Creek , NSW.

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

<b>Organ/Plant Part</b>	<b>Context</b>	<b>State of Expression in Group of Varieties</b>
Plant	growth habit	upright
Leaf blade	variegation	absent
Leaf blade	colour of mature leaf	greyed-purple

**Most Similar Varieties of Common Knowledge identified (VCK)**

<b>Name</b>	<b>Comments</b>
'Jervis Bay Afterdark'	parent variety

**Varieties of Common Knowledge identified and subsequently excluded**

<b>Variety</b>	<b>Distinguishing Characteristics</b>	<b>State of Expression in Candidate Variety</b>	<b>State of Expression in Comparator Variety</b>
'Burgundy' leaf	predominant colour	greyed purple	green
'Burgundy' growth habit	weeping of branches	absent	present

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

<b>Organ/Plant Part: Context</b>	<b>‘Jedda’s Dream’</b>	<b>‘Jervis Bay Afterdark’</b>
<input type="checkbox"/> Plant: growth habit	upright	upright
<input type="checkbox"/> Plant: vigour	medium	medium
<input checked="" type="checkbox"/> Plant: height	short	medium
<input checked="" type="checkbox"/> Plant: density	dense	medium
<input type="checkbox"/> Stem: inner angle of lateral shoots to main stem	acute	acute
<input checked="" type="checkbox"/> Stem: length of longest primary branch	short	medium
<input type="checkbox"/> Stem: colour of young stem (RHS colour chart)	187A	187A
<input type="checkbox"/> Stem: colour of mature stem (RHS colour chart)	165B	165B
<input checked="" type="checkbox"/> Stem: degree of basal branching	strong	weak
<input type="checkbox"/> Stem: diameter	medium	medium
<input checked="" type="checkbox"/> Leaf blade: length	short	medium
<input type="checkbox"/> Leaf blade: width	medium	medium
<input type="checkbox"/> Leaf blade: shape	lanceolate	lanceolate
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> Leaf blade: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf blade: undulation of margin	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf blade: cross-section	concave to flat	concave
<input type="checkbox"/> Leaf blade: curvature of longitudinal section	straight to recurved	straight to recurved
<input type="checkbox"/> Leaf blade: variegation	absent	absent
<input checked="" type="checkbox"/> Leaf blade: colour of immature leaf (RHS colour chart)	146A with 187A in the margin	ca 187A
<input type="checkbox"/> Leaf blade: colour of mature leaf (RHS colour chart)	N200A	N200A
<input type="checkbox"/> Leaf blade: glossiness	medium	medium

**Statistical Table**

<b>Organ/Plant Part: Context</b>	<b>‘Jedda’s Dream’</b>	<b>‘Jervis Bay Afterdark’</b>
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	37.20	88.30
Std. Deviation	4.40	3.10
LSD/sig	4.94	P≤0.01
<input checked="" type="checkbox"/> Branch: length (cm)		
Mean	30.90	48.60
Std. Deviation	2.60	8.80
LSD/sig	8.32	P≤0.01
<input checked="" type="checkbox"/> Stem: diameter (mm)		
Mean	5.10	6.60
Std. Deviation	0.95	0.55
LSD/sig	1.00	P≤0.01

☑ Leaf: length (mm)

Mean	59.50	79.70
Std. Deviation	7.40	7.50
LSD/sig	9.57	P≤0.01

☑ Leaf: width (mm)

Mean	12.00	13.80
Std. Deviation	1.20	0.90
LSD/sig	1.33	P≤0.01

**Prior Applications and Sales**

Nil.

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

## GRANTS

*Alstroemeria* hybrid

PERUVIAN LILY

### ‘Koncalga’<sup>φ</sup>

Application No: 2006/082 Grantee: **Konst Breeding B.V.**

Certificate No: 3416 Expiry Date: 14 December, 2027.

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

### ‘Konsacram’<sup>φ</sup>

Application No: 2006/083 Grantee: **Konst Breeding B.V.**

Certificate No: 3417 Expiry Date: 14 December, 2027.

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

### ‘Konsirak’<sup>φ</sup>

Application No: 2006/080 Grantee: **Konst Breeding B.V.**

Certificate No: 3414 Expiry Date: 14 December, 2027.

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

### ‘Konzifer’<sup>φ</sup>

Application No: 2006/081 Grantee: **Konst Breeding B.V.**

Certificate No: 3415 Expiry Date: 14 December, 2027.

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

### ‘Zalsanyx’<sup>φ</sup> syn Onyx<sup>φ</sup>

Application No: 2006/057 Grantee: **Van Zanten Plants B.V.**

Certificate No: 3418 Expiry Date: 14 December, 2027.

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

### ‘Zaprifabi’<sup>φ</sup> syn Fabiana<sup>φ</sup>

Application No: 2006/058 Grantee: **Van Zanten Plants B.V.**

Certificate No: 3419 Expiry Date: 14 December, 2027.

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

### ‘Zapriteres’<sup>φ</sup> syn Theresa<sup>φ</sup>

Application No: 2006/059 Grantee: **Van Zanten Plants B.V.**

Certificate No: 3420 Expiry Date: 14 December, 2027.

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

*Arctotis fastuosa*

AFRICAN DAISY

**‘Archise’<sup>Φ</sup>**

Application No: 2005/324 Grantee: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.

Certificate No: 3401 Expiry Date: 12 October, 2027.

*Avena sativa*

OATS

**‘Graza 51’<sup>Φ</sup>**

Application No: 2004/302 Grantee: **Agriculture and Agri-Food Canada**.

Certificate No: 3403 Expiry Date: 21 November, 2027.

Agent: **Pioneer Hi-Bred Australia Pty Ltd**, Toowoomba, QLD.

**‘Graza 80’<sup>Φ</sup>**

Application No: 2004/301 Grantee: **Agriculture and Agri-Food Canada**.

Certificate No: 3402 Expiry Date: 21 November, 2027.

Agent: **Pioneer Hi-Bred Australia Pty Ltd**, Toowoomba, QLD.

*Citrus limon*

LEMON

**‘3 ELS 0’<sup>Φ</sup>**

Application No: 2003/278 Grantee: **Craig Robert Pressler**, Emerald, QLD.

Certificate No: 3409 Expiry Date: 25 November, 2032.

**‘7 ELS 1’<sup>Φ</sup>**

Application No: 2003/279 Grantee: **Craig Robert Pressler**, Emerald, QLD.

Certificate No: 3410 Expiry Date: 25 November, 2032.

**‘7 ELS C3’<sup>Φ</sup>**

Application No: 2003/280 Grantee: **Craig Robert Pressler**, Emerald, QLD.

Certificate No: 3411 Expiry Date: 25 November, 2032.

**‘Code 3X97’<sup>Φ</sup>**

Application No: 2001/172 Grantee: **Craig Robert Pressler**, Emerald, QLD.

Certificate No: 3407 Expiry Date: 25 November, 2032.

**‘Code 7B97’<sup>Φ</sup>**

Application No: 2001/173 Grantee: **Craig Robert Pressler**, Emerald, QLD.



Certificate No: 3408 Expiry Date: 25 November, 2032.

*Clematis* hybrid

CLEMATIS

**‘Piilu’<sup>Φ</sup> syn Little Duckling<sup>Φ</sup>**

Application No: 2004/102 Grantee: **Aili Kivistik**.

Certificate No: 3413 Expiry Date: 10 December, 2027.

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

*Coprosma* hybrid

MIRROR BUSH

**‘Fire Burst’<sup>Φ</sup>**

Application No: 2005/073 Grantee: **Richard Graeme Ware**.

Certificate No: 3422 Expiry Date: 14 December, 2027.

Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

*Fragaria xananassa*

STRAWBERRY

**‘Driscoll El Dorado’<sup>Φ</sup>**

Application No: 2006/072 Grantee: **Driscoll Strawberry Associates, Inc.**

Certificate No: 3405 Expiry Date: 21 November, 2027.

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

**‘Driscoll Ojai’<sup>Φ</sup>**

Application No: 2006/074 Grantee: **Driscoll Strawberry Associates, Inc.**

Certificate No: 3406 Expiry Date: 21 November, 2027.

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

*Hebe diosmifolia*

HEBE

**‘Ohakea’<sup>Φ</sup>**

Application No: 2002/253 Grantee: **Plantlife Partnership**.

Certificate No: 3429 Expiry Date: 18 December, 2027.

Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

*Hedysarum coronarium*

SULLA

**‘Flamenco’<sup>φ</sup>**

Application No: 2006/178 Grantee: **Western Australian Agriculture Authority, University of Western Australia, Rural Industries Research and Development Corporation.**

Certificate No: 3427 Expiry Date: 18 December, 2027.

Agent: **Western Australian Agriculture Authority**, Bentley Delivery Centre, WA.

*Hordeum vulgare*

BARLEY

**‘Buloke’<sup>φ</sup>**

Application No: 2005/206 Grantee: **Parties of the Malting Barley Quality Improvement Program.**

Certificate No: 3458 Expiry Date: 13 November, 2027.

Agent: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC.

**‘Fitzroy’<sup>φ</sup>**

Application No: 2005/207 Grantee: **Parties of the Malting Barley Quality Improvement Program.**

Certificate No: 3459 Expiry Date: 13 November, 2027.

Agent: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC.

**‘Yarra’<sup>φ</sup>**

Application No: 2005/208 Grantee: **Parties of the Malting Barley Quality Improvement Program.**

Certificate No: 3460 Expiry Date: 13 November, 2027.

Agent: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC.

**‘Hindmarsh’<sup>φ</sup>**

Application No: 2006/290 Grantee: **Parties of the Malting Barley Quality Improvement Program.**

Certificate No: 3404 Expiry Date: 21 November, 2027.

Agent: **Agriculture Victoria Services Pty Ltd**, Attwood, VIC.

*Libertia ixioides*

NEW ZEALAND IRIS

**‘Goldfinger’<sup>φ</sup>**

Application No: 2004/209 Grantee: **Naturally Native New Zealand Plants Ltd.**

Certificate No: 3421 Expiry Date: 14 December, 2027.

Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

*Petunia* hybrid

PETUNIA

**‘Conblue’<sup>Φ</sup> syn Blueberry Frost<sup>Φ</sup>**

Application No: 2005/109 Grantee: **Plant 21 LLC.**

Certificate No: 3426 Expiry Date: 18 December, 2027.

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

**‘Constraw’<sup>Φ</sup> syn Strawberry Frost<sup>Φ</sup>**

Application No: 2005/108 Grantee: **Plant 21 LLC.**

Certificate No: 3425 Expiry Date: 18 December, 2027.

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

*Phormium tenax*

NEW ZEALAND FLAX

**‘Merlot’<sup>Φ</sup>**

Application No: 2002/252 Grantee: **Lyndale Nurseries Auckland Ltd.**

Certificate No: 3428 Expiry Date: 18 December, 2027.

Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

*Pittosporum tenuifolium*

PITTOSPORUM, KOHUHU, TAWHIWHI

**‘Screen Between’<sup>Φ</sup>**

Application No: 2005/062 Grantee: **Hayden & Jeanette Heyme.**

Certificate No: 3423 Expiry Date: 13 December, 2032.

Agent: **Southern Advanced Plants Pty Ltd**, Dromana, VIC.

*Protea cynaroides*

GIANT PROTEA

**‘Madiba’<sup>Φ</sup>**

Application No: 2004/225 Grantee: **Agricultural Research Council.**

Certificate No: 3431 Expiry Date: 20 December, 2032.

Agent: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.

*Prunus persica*

PEACH

**‘Coconut Ice’<sup>Φ</sup>**

Application No: 2003/314 Grantee: **The Horticulture and Food Research Institute of New Zealand Limited.**

Certificate No: 3412 Expiry Date: 9 December, 2032.

Agent: **A J Park**, Canberra, ACT.

*Saccharum hybrid*

SUGARCANE

**‘KQ228’<sup>Φ</sup>**

Application No: 2005/351 Grantee: **BSES Limited and CSR Ltd**, Mackay Mail Centre, QLD.

Certificate No: 3424 Expiry Date: 14 December, 2027.

*Stenotaphrum secundatum*

BUFFALO GRASS, ST AUGUSTINE GRASS

**‘Kings Pride’<sup>Φ</sup>**

Application No: 2005/341 Grantee: **J and S Gardiner Investments Pty Ltd.**

Certificate No: 3430 Expiry Date: 20 December, 2027.

Agent: **Peter McMaugh**, Carlingford, NSW.

*Triticum aestivum*

WHEAT

**‘Odiel’<sup>Φ</sup>**

Application No: 2005/112 Grantee: **Svalof Weibull AB.**

Certificate No: 3400 Expiry Date: 12 October, 2027.

Agent: **Access Genetics Pty Ltd**, Laverton North, VIC.

*xTriticosecale*

TRITICALE

**‘Kosciuszko’<sup>Φ</sup>**

Application No: 2002/318 Grantee: **University of New England and QAF Feeds Pty Ltd.**

Certificate No: 3399 Expiry Date: 12 October, 2027.

Agent: **Robin Jessop**, Armidale, NSW.

## Denomination Changed

Application No.	Genus	Species	Common Name	Denomination Changed From	Denomination Changed To
2003/251	<i>Citrus</i>	hybrid	Mandarin	Dalahaye	Bella
2007/268	<i>Fragaria</i>	<i>x ananassa</i>	Strawberry	JUMBUK	AMELIA
2007/245	<i>Stenotaphrum</i>	<i>secundatum</i>	Buffalo Grass	Turf Force One	TF01
2007/202	<i>Syzygium</i>	<i>australe</i>	Lilly Pilly	LITTLE MISS ELEGANCE	Little Miss-Elegance
2007/241	<i>Avena</i>	<i>sativa</i>	Oats	PO 808	Dawson

## Synonym Changed

Application No.	Genus	Species	Variety	Common Name	Synonym Changed From	Synonym Changed To
2006/249	<i>Solanum</i>	<i>tuberosum</i>	SUMMER DELIGHT	Potato	Crop 17	Golden Cream
2007/275	<i>Zoysia</i>	<i>macrantha</i>	MAC03	Prickly Couch	Ozgreen	Nara

## Applicant's Name Amended

Application No.	Genus	Species	Variety	Changed From	Changed To
2003/272	<i>Phaseolus</i>	<i>vulgaris</i>	BN 155	Syngenta Seeds Inc.	Syngenta Crop Protection AG
2004/016	<i>Vitrullus</i>	<i>lanatus</i>	SP-1	Syngenta Seeds Inc.	Syngenta Crop Protection AG
2004/017	<i>Citrullus</i>	<i>lanatus</i>	90-4194	Syngenta Seeds Inc.	Syngenta Crop Protection AG
2007/190	<i>Lactuca</i>	<i>sativa</i>	Curletta	Syngenta Seeds Pty Ltd	Syngenta Crop Protection AG
2007/191	<i>Lactuca</i>	<i>sativa</i>	Winny	Syngenta Seeds Pty Ltd	Syngenta Crop Protection AG
2007/192	<i>Lactuca</i>	<i>sativa</i>	Robinio	Syngenta Seeds Pty Ltd	Syngenta Crop Protection AG

## Change of Agent

Application No.	Genus	Species	Variety	Changed From	Changed To
2001/013	<i>Anthurium</i>	hybrid	Antinkeles	W & E Sieverding Wholesale Nursery	Sprint Horticulture
2001/351	<i>Euphorbia</i>	<i>characias</i>	Wilcott	Fleming's Nurseries Pty Ltd	Plants Management Australia Pty Ltd
2001/352	<i>Euphorbia</i>	<i>characias</i>	Charam	Fleming's Nurseries Pty Ltd	Plants Management Australia Pty Ltd
2007/233	<i>Citrullus</i>	<i>lanatus</i>	SP-4		Syngenta Seeds Pty Ltd
2007/190	<i>Lactuca</i>	<i>sativa</i>	Curletta		Syngenta Seeds Pty Ltd
2007/191	<i>Lactuca</i>	<i>sativa</i>	Winny		Syngenta Seeds Pty Ltd
2007/192	<i>Lactuca</i>	<i>sativa</i>	Robinio		Syngenta Seeds Pty Ltd



## Assignment of Rights

Application No.	Genus	Species	Variety	Changed From	Changed To
1995/200	<i>Metrosideros</i>	<i>excelsus</i>	DALESE	Neil Perrott and Robert Donato	Robert Donato

The following varieties were assigned:

**From:**

State of Western Australia represented by the Chief Executive Officer, State of Queensland through its Department of Primary Industries and Fisheries, Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation

**To:**

State of Queensland through its Department of Primary Industries and Fisheries, Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation

*Triticum aestivum* 2002/236 'EGA Bellaroi'

*Triticum aestivum* 2004/218 'EGA Wentworth'

*Triticum aestivum* 2004/216 'EGA Wylie'

*Triticum aestivum* 2004/217 'EGA Gregory'

*Triticum aestivum* 2002/288 'EGA Wedgetail'

The following varieties were assigned:

**From:**

State of Western Australia represented by the Chief Executive Officer, State of Queensland through its Department of Primary Industries and Fisheries, Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation

**To:**

State of Queensland through its Department of Primary Industries and Fisheries, Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation

**Followed by an assignment:**

**To:**

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

**Followed by an assignment:**

**To:**

InterGrain Pty Ltd

*Triticum aestivum* 2003/254 'EGA Jitarning'

*Triticum aestivum* 2004/197 'EGA Eagle Rock'

*Triticum aestivum* 2003/160 'EGA 2248'

*Triticum aestivum* 2003/252 'EGA Blanco'

*Triticum aestivum* 2003/161 'EGA Bonnie Rock'

*Triticum aestivum* 2003/253 'EGA Castle Rock'

The following varieties were assigned:

**From:**

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

**To:**

InterGrain Pty Ltd

*Triticum aestivum* 1999/226 'Karlgarin'

*Triticum aestivum* 2001/221 'Wyalkatchem'

*Triticum aestivum* 2001/222 'Harrismith'

*Triticum aestivum* 2005/016 'Tammarin Rock'

*Triticum aestivum* 2005/346 'Bullaring'

*Triticum aestivum* 2006/257 'Binnu'

## Transfer of Rights

Application No.	Genus	Species	Variety	Right Transferred From	Rights Transferred To
1998/249	<i>Chamelaucium</i>	<i>uncinatum</i>	Dancing Queen	Western Flora	Floriscape Pty Ltd
1998/250	<i>Chamelaucium</i>	hybrid	My Sweet Sixteen	Western Flora	Floriscape Pty Ltd

**Surrendered - the following varieties are no longer under PBR protection**

<b>Application No.</b>	<b>Genus</b>	<b>Species</b>	<b>Variety</b>	<b>Synonym</b>	<b>Common Name</b>
1989/081	<i>Acalypha</i>	hybrid	PINK CANDLES		Chenille Plant
2002/219	<i>Bougainvillea</i>	<i>glabra</i>	Purple Patch		Bougainvillea
1999/318	<i>Bracteantha</i>	<i>bracteata</i>	NN-9812AE		Everlasting Daisy
1994/051	<i>Brassica</i>	<i>napus</i>	RAINBOW		Canola
1997/046	<i>Brassica</i>	<i>napus</i>	TI1 PINNACLE		Canola
2001/309	<i>Brassica</i>	<i>napus</i> var. <i>oleifera</i>	ATR-EYRE		Canola
2003/154	<i>Calibrachoa</i>	hybrid	KLEC01058	Selecta White	Calibrachoa
2001/319	<i>Cordyline</i>	<i>fruticosa</i>	Gan01		Cordyline
1991/056	<i>Cupressus</i>	<i>glabra</i>	LIMELIGHT		Arizona Cypress
1992/063	<i>Desmanthus</i>	<i>virgatus</i>	BAYAMO		Desmanthus
1992/064	<i>Desmanthus</i>	<i>virgatus</i>	UMAN		Desmanthus
2002/006	<i>Freesia</i>	hybrid	Varafoc	Focus	Freesia
1998/022	<i>Gypsophila</i>	<i>paniculata</i>	Dangysa	Yukinko	Baby's Breath
2001/350	<i>Impatiens</i>	<i>hawkeri</i>	Balcebchro		New Guinea Impatiens
2000/070	<i>Impatiens</i>	<i>hawkeri</i>	Balcelavgo	Celebration Lavender Glow	New Guinea Impatiens
2000/072	<i>Impatiens</i>	<i>hawkeri</i>	Balcelisow	Celebration Salmon II	New Guinea Impatiens
2000/274	<i>Impatiens</i>	<i>hawkeri</i>	BFP-796	Apricot Celebration	New Guinea Impatiens
1994/008	<i>Impatiens</i>	<i>walleriana</i>	GOLDEN SURPRISE		Busy Lizzie
1997/290	<i>Kalanchoe</i>	spp.	Elves Bells		Kalanchoe
2003/263	<i>Lilium</i>	hybrid	Loire		Lily
2002/045	<i>Lilium</i>	hybrid	WINDSOR	VLETWIN	Lily
1994/139	<i>Rhododendron</i>	hybrid	PRINCESS BARBARA		Azalea
2003/071	<i>Rhododendron</i>	<i>simsii</i>	Davidel		Azalea
1995/156	<i>Rhododendron</i>	<i>simsii</i>	HEIDE HANISCH		Azalea
1999/132	<i>Rosa</i>	hybrid	Fairy Queen		Rose
1998/265	<i>Rosa</i>	hybrid	Ruiconti	Yellow Unique	Rose
1998/264	<i>Rosa</i>	hybrid	Ruioran	Orange Unique	Rose
1992/163	<i>Rosa</i>	hybrid	TANAKINOM	MONICA	Rose
1991/078	<i>Rosa</i>	hybrid	TENNESSEE		Rose
2000/009	<i>Solanum</i>	<i>tuberosum</i>	Rioja		Potato
1996/210	<i>Solanum</i>	<i>tuberosum</i>	SAXON		Potato
1991/096	<i>Vitis</i>	<i>vinifera</i>	KING HUSAINY	JADE SEEDLESS	Grape

**Withdrawn-** the following varieties are no longer under PBR provisional protection

Application No.	Genus	Species	Common Name	Variety
2006/280	<i>Acacia</i>	<i>cognata</i>	Bower Wattle	BW 06
2006/309	<i>Brassica</i>	<i>oleracea</i> convar. <i>botrytis</i> var. <i>cymosa</i>	Broccoli	BRM 51-1045
2001/235	<i>Malus</i>	<i>domestica</i>	Apple	MJ 806.06
2006/293	<i>Rosa</i>	hybrid	Rose	SPEfeys
2005/304	<i>Rosa</i>	hybrid	Rose	TAN94488
2005/037	<i>Schlumbergera</i>	<i>truncata</i>	Christmas Cactus	Moonlightfantasy
2006/111	<i>Sedum</i>	hybrid	Sedum	Chocolate Sauce
2001/262	<i>Syzygium</i>	<i>australe</i>	Lilly Pilly	Yuruga No. 1
2001/261	<i>Syzygium</i>	<i>australe</i>	Lilly Pilly	Yuruga No. 2
2001/260	<i>Syzygium</i>	<i>australe</i>	Lilly Pilly	Yuruga No. 3
2001/258	<i>Syzygium</i>	<i>australe</i>	Lilly Pilly	Yuruga No. 5

## CORRIGENDA

Detailed descriptions of the following varieties were published in *Plant Varieties Journal* vol 15, issue 4. The first date of sale in the EU was incorrectly given as April 1999. They should be given as:

2001/311      Osteospermum      **‘Seidacre’**  
first date of sale in the EU 1 May 1999

2001/312      Osteospermum      **‘Seimora’**  
first date of sale in the EU August 2000

2001/313      Osteospermum      **‘Seikilrem’**  
first date of sale in Japan and the EU 1 May 1999

### **‘LMF500’**

Application No: 2004/249. Detailed Description published in PVJ 19.4

The correct botanical name of **‘LMF500’** should be: *Lomandra filiformis* subsp. *coriacea*. The excluded variety ‘Mondra’ should be listed as *Lomandra filiformis* subsp. *filiformis*.

### **‘RK19’**

Application No: 2007/130. Detailed Description published in PVJ 20.3

The plant heights of the two cultivars ‘RK19’ and ‘Whittet’ are not significantly different, and so the following information should not be ticked as a key difference.

Organ/Plant Part: Context	‘RK19’	‘Whittet’
<input type="checkbox"/> Plant: mean height 79 days after planting (cm)		
Mean	206.10	202.00
Std. Deviation	34.10	41.40
LSD/sig	27.4	ns

### **‘Southern Belle’ and ‘Emerald’**

Application no: 2005/078 and 2005/079. Detailed Description published in PVJ 20.3

The agent for the following applications was incorrectly published as BerryExchange. The correct name of the agent is BerryExchange (a division of CostaExchange Ltd).



Australian Government  
IP Australia

### Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 20 Issue 4**) are listed below:

- [Home](#)
- [Appendix 1 - Fees](#)
- [Appendix 2 - Plant Breeder's Rights Advisory Committee](#)
- [Appendix 3 - Index of Accredited Consultant 'Qualified Persons'](#)
- [Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'](#)
- [Appendix 5 - Addresses of UPOV and Member States](#)
- [Appendix 6 - Centralised Testing Centres](#)
- [Appendix 7 - List of Plant Classes for Denomination Purposes](#)
- [Appendix 8 - Register of Plant Varieties](#)

## APPENDIX 1

### FEES

Two fee structures exist as a result of the transition from Plant Variety Rights to Plant Breeders Rights. For new applications (those lodged on or after 11 November 1994) the PBR fees apply. For older applications lodged before 11 November 1994 and not finally disposed of (Granted, Withdrawn, Refused etc.) the PVR fees in force at the time apply.

The Treasurer has determined that all statutory fees under PBR regulations will be exempted from GST.

### Payment of Fees

All cheques for fees should be made payable and sent to:

**Collector of Public Monies**  
**C/-Plant Breeders Rights Office, IP Australia**  
**GPO Box 200**  
**Woden, ACT 2606**

The **application fee** (\$300) must accompany the application at the time of lodgement.

### Consequences of not paying fees when due

#### *Application fee*

Should an application not be accompanied by the prescribed application fee the application will be deemed to be 'non-valid' and neither assigned an application number nor examined for acceptance pending the payment of the fee.

#### *Examination fee*

Non-payment of the examination fee of an application will automatically result, at the end of 12 months from the date of acceptance<sup>1</sup>, 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

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<sup>1</sup> 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
<b>Total Basic Fees</b>	<b>2000</b>	<b>1800</b>	<b>2050</b>	<b>1400</b>

Annual Renewal - all applications 300

### Schedule

- A** Single applications and applications based on an official overseas test reports.  
**B** Applicable when two or more Part 2 Applications are lodged simultaneously and the varieties are of the same genus and the examinations can be completed at one location at the same time.  
**C** Applications lodged under PVR (prior to 10<sup>th</sup> 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

<b>Member Representing Plant Breeders</b>  Dr Paul Brennan Rock Valley Post Office via Lismore 1201 Cawongla Rd LARNOOK NSW 2480	<b>Member Representing Plant Breeders</b>  Dr Glenn Dale Saltgrow PO Box 575 ASHGROVE QLD 4060
<b>Member Representing Users</b>  Mr Robert Hansen Peanut Company of Australia PO Box 26 KINGAROY QLD 4610	<b>Member Representing Consumers</b>  Ms Anne Pye PO Box 1538 MT BARKER SA 5251
<b>Member Representing Conservation Interests</b>  Mr Bruce Lloyd Fairley downs 5250 Barmah-Shepparton Road TALLYGAROPNA VIC 3634	<b>Member Representing Indigenous Interests</b>  Mr Mark Porter 26 Callicarpa Street REEDY CREEK QLD 4227
<b>Member with Appropriate Qualifications</b>  Mr Benny Browne Griffith Hack 509 St Kilda Road MELBOURNE VIC 3004	<b>Member with Appropriate Qualifications</b>  Professor Brad Sherman TC Beirne School of Law The University of Queensland ST LUCIA QLD 4072
<b>Registrar (Chair)</b>  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	Granger, Andrew Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Portman, Anthony Scholefield, Peter Tancred, Stephen Valentine, Bruce

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

## Brassica

Bannan, Nathaniel  
 Bhatti, Muhammad  
 Chequer, Robert  
 Cooper, Kath  
 Downes, Ross  
 Easton, Andrew  
 Fennell, John  
 Gororo, Nelson  
 Johnston, Evan  
 Kadkol, Gururaj  
 Laker, Richard  
 Light, Kate  
 McMichael, Prue  
 Rhodes, Phil  
 Rudolph, Paul  
 Sanders, Milton  
 Saunders, James  
 Scholefield, Peter  
 Mouwen, Heidi  
 Zadow, Diane

## Brunia

Dunstone, Bob

## Buddleia

Robb, John  
 Paananen, Ian

## Buffalo Grass

Paananen, Ian

## Calibrachoa

Paananen, Ian

## Camellia

Paananen, Ian  
 Robb, John

## Cannabis

Calabria, Patrick

## Carnation/Dianthus

Paananen, Ian

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

Clover	Bannan, Nathaniel Downes, Ross James, Jennifer Johnston, Evan Lake, Andrew Miller, Jeff Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James
Cotton	Khan, Akram Leske, Richard
Cucurbits	Herrington, Mark McMichael, Prue Rhodes, Phil Scholefield, Peter Sykes, Stephen
Dianella	Paananen, Ian
Dogwood	Darmody, Liz Fleming, Graham
Echinacea	Paananen, Ian
Eucalyptus	Paananen, Ian
Euphorbia	Paananen, Ian
Feijoa	Parr, Wayne Scholefield, Peter
Fibre Crops	Gillespie, David Khan, Akram
Fig	Darmody, Liz Fleming, Graham Parr, Wayne
Flower Bulbs	Verdegaal, John
Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James
Forage Grasses	Bannan, Nathaniel Downes, Ross Fennell, John Harrison, Peter Johnston, Evan Kirby, Greg Mitchell, Leslie Rhodes, Phil Smith, Kevin

Forage Legumes	Downes, Ross Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Miller, Jeff Porter, Richard Rhodes, Phil Saunders, James Siedel, John
Fruit	Cramond, Gregory Darmody, Liz Delaporte, Kate Fleming, Graham Gillespie, David Granger, Andrew Kennedy, Peter Lenoir, Roland McCarthy, Alec Mitchell, Leslie Parr, Wayne Portman, Sian Pumpa, Lucy Schapel, Amanda Scholefield, Peter
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony
Grapes	Burne, Peter Darmody, Liz Delaporte, Kate Farquhar, Wayne Fleming, Graham Lee, Slade Lye, Colin MacGregor, Alison Mitchell, Leslie Paananen, Ian Parr, Wayne Porter, Richard Pumpa, Lucy Schapel, Amanda Scholefield, Peter Smith, Daniel Swinburn, Garth Sykes, Stephen
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian



Gypsophila	Paananen, Ian
Hardenbergia	Dunstone, Bob
Hops ( <i>Humulus</i> sp)	Paananen, Ian
Hydrangea	Hanger, Brian Paananen, Ian
Impatiens	Paananen, Ian
Jojoba	Dunstone, Bob
Kalanchoe	Paananen, Ian
Lavender	Paananen, Ian
Legumes	Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Imrie, Bruce Kirby, Greg Khan, Akram Knights, Edmund Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John
Lentils	Collins, David Downes, Ross Goulden, David Khan, Akram Porter, Richard Rhodes, Phil Saunders, James
Lilium	Paananen, Ian
Liriope	Paananen, Ian
Lomandra	Paananen, Ian
Lucerne	Bannan, Nathaniel Downes, Ross Johnston, Evan Lake, Andrew Mitchell, Leslie Nichols, Phillip Porter, Richard Rhodes, Phil Saunders, James

Lupin	Bhatti, Muhammad Collins, David Sanders, Milton Rhodes, Phil Saunders, James
Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian
Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony
Myrtaceae	Dunstone, Bob
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Bhatti, Muhammad Collins, David Downes, Ross Khan, Akram Platz, Greg Rhodes, Phil Saunders, James
Oilseed crops	Downes, Ross Poulsen, David Siedel, John Rhodes, Phil Saunders, James
Olives	Bazzani, Mr Luigi Granger, Andrew
Onions	Bannan, Nathaniel Fennell, John Khan, Akram Laker, Richard McMichael, Prue Scholefield, Peter Rhodes, Phil

## Ornamentals - Exotic

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

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## Ornamentals - Indigenous

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

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 Ornithopus

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 Foster, Kevin  
 Nichols, Phillip

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 Osmanthus

---

 Paananen, Ian  
 Robb, John

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 Osteospermum

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 Paananen, Ian
 

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## Pastures &amp; Turf

Anderson, Malcolm  
 Avery, Angela  
 Bannan, Nathaniel  
 Bhatti, Muhammad  
 Cameron, Stephen  
 Cook, Bruce  
 Downes, Ross  
 Harrison, Peter  
 Kemp, Stuart  
 Kirby, Greg  
 James, Jennifer  
 Loch, Don  
 McMaugh, Peter  
 Miller, Jeff  
 Mitchell, Leslie  
 Neylan, John  
 Paananen, Ian  
 Porter, Richard  
 Rhodes, Phil  
 Rose, John  
 Saunders, James  
 Smith, Raymond  
 Scattini, Walter John  
 Smith, Kevin  
 Wilkes, Gregory  
 Wilson, Frances  
 Zorin, Margaret

## Peanut

Cruickshank, Alan  
 George, Doug

## Pear

Cramond, Gregory  
 Darmody, Liz  
 Engel, Richard  
 Fleming, Graham  
 Langford, Garry  
 Mackay, Alastair  
 Malone, Michael  
 Paananen, Ian  
 Portman, Anthony  
 Scholefield, Peter  
 Tancred, Stephen  
 Valentine, Bruce

## Pelargonium

Paananen, Ian

## Persimmon

Parr, Wayne  
 Swinburn, Garth

## Petunia

Paananen, Ian  
 Nichols, David

## Philodendron

Paananen, Ian

## Philotheca

Dunstone, Bob

## Phormium

Paananen, Ian

## Photinia

Robb, John

Pistacia	Richardson, Clive Sykes, Stephen
Pisum	Bhatti, Muhammad Downes, Ross Goulden, David McMichael, Prue Rhodes, Phil Sanders, Milton Saunders, James
Potatoes	Delaporte, Kate Fennell, John Friemond, Terry Guertsen, Paul Hill, Jim Johnston, Evan McMichael, Prue Pumpa, Lucy Rhodes, Phil Saunders, James Schapel, Amanda Scholefield, Peter Slater, Tony Smith, Daniel Wilson, Graeme
Proteaceae	Barth, Gail Kirby, Neil Paananen, Ian Robb, John Scholefield, Peter Smith, Daniel
Prunus	Calabria, Patrick Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Granger, Andrew Kennedy, Peter Mackay, Alastair Malone, Michael Portman, Anthony Richards, Graeme Topp, Bruce Wilkes, Gregory Witherspoon, Jennifer
Pulse Crops	Collins, David Downes, Ross Graetz, Darren Oates, John Porter, Richard Poulsen, David Rhodes, Phil Saunders, James

Raspberry	Darmody, Liz Fleming, Graham Herrington, Mark Scholefield, Peter Zorin, Margaret
Rhododendron	Barrett, Mike Paananen, Ian
Rose	Barrett, Mike Darmody, Liz Delaporte, Kate Fleming, Graham Hanger, Brian Lee, Peter McKirdy, Simon Paananen, Ian Prescott, Chris Pumpa, Lucy Schapel, Amanda Scholefield, Peter Smith, Daniel Swane, Geoff Syrus, A Kim
Scaevola	Paananen, Ian
Sesame	Bennett, Malcolm Harrison, Peter Imrie, Bruce
Sorghum	Khan, Akram
Soybean	Harrison, Peter James, Andrew
Spathiphyllum	Paananen, Ian
Spices and Medicinal Plants	Khan, Akram
Stone Fruit	Barrett, Mike Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter MacGregor, Alison Mackay, Alistair Malone, Michael Scholefield, Peter Swinburn, Garth Valentine, Bruce
Strawberry	Herrington, Mark Mitchell, Leslie Morrison, Bruce Scholefield, Peter Zorin, Margaret

Sugarcane	Cox, Mike Piperidis, George
Sunflower	George, Doug
Tomato	Herrington, Mark Khan, Akram Laker, Richard McMichael, Prue Rhodes, Phil Scholefield, Peter Smith, Daniel
Tree Crops	McRae, Tony
Triticale	Bhatti, Muhammad Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Harrison, Peter Kulkarni, Vinod Parr, Wayne Scholefield, Peter Whiley, Tony
Umbrella Tree	Paananen, Ian
Vegetables	Bannan, Nathaniel Delaporte, Kate Fennell, John Frkovic, Edward Gillespie, David Harrison, Peter Khan, Akram Laker, Richard Lenoir, Roland MacGregor, Alison McMichael, Prue Oates, John O'Connor, Lauren Pearson, Craig Pumpa, Lucy Rhodes, Phil Schapel, Amanda Scholefield, Peter Smith, Daniel Westra Van Holthe, Jan
Verbena	Paananen, Ian
Walnut	Mitchell, Leslie



Wheat (Aestivum & Durum Groups)

Bhatti, Muhammad  
Collins, David  
Downes, Ross  
Kadkol, Gururaj  
Khan, Akram  
Platz, Greg  
Rhodes, Phil  
Saunders, James  
Sanders, Milton

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Zantedeschia

Paananen, Ian

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TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
Abell, Peter	0438 392 837 mobile	Australia
Aberdeen, Ian	03 5782 1029	SE Australia
	03 5782 2073 fax	
Allen, Paul	07 3824 0263 ph/fax	SE QLD, Northern NSW
Anderson, Malcolm	03 5573 0900	Victoria
	03 5571 1523 fax	
	017 870 252 mobile	
Angus, Tim	(64 4) 568 3878 ph/fax	Australia and New Zealand
	001164211871076 mobile	
	plantatim@zip.co.nz	
Armitage, Paul	03 9756 7233	Victoria
	03 9756 6948 fax	
Avery, Angela	02 6030 4500	South Eastern Australia
	02 6030 4600 fax	
Bannan, Nathaniel	03 8318 9019	Australia
	03 8318 9002 fax	
	0429 720 013 mobile	
Barrett, Mike	02 9875 3087	NSW/ACT
	02 9980 1662 fax	
	0407 062 494 mobile	
Barth, Gail	08 8389 7479	SA and Victoria
Bazzani, Luigi	08 9772 1207	Western Australia
	08 9772 1333 fax	
Bennett, Malcolm	08 8973 9733	NT, QLD, NSW, WA
	08 8973 9777 fax	
Bhatti, Muhammad	08 9671 1322 ph	Western Australia
	08 9671 1352 fax	
Burne, Peter	08 8582 0338 ph	South Australia
	08 8583 2104 fax	
	0418 834 102 mobile	
Calabria, Patrick	02 6963 6360	Riverina area of NSW
	0438 636 219 mobile	
Chequer, Robert	03 5382 1269	Victoria
	0419 145 262 mobile	
Collins, David	08 9623 2343 ph/fax	Central Western Wheatbelt of
	0154 42694 mobile	Western Australia
Cooper, Kath	08 8339 3049	South Australia
	0429 191 848 mobile	
Cox, Mike	07 4132 5200	Queensland and NSW
	07 4132 5253 fax	
Cramond, Gregory	08 8390 0299	Australia
	08 8390 0033 fax	
	0417 842 558 mobile	
Cruickshank, Alan	07 4160 0722	QLD
	07 4162 3238 fax	
Cunneen, Thomas	02 4889 8647	Sydney Region
	02 4889 8657 fax	
Darmody, Liz	03 9756 6105	Australia
	03 9752 0005 fax	
Delaporte, Kate	08 8373 2488	South Australia
	08 8373 2442 fax	
	0427 394 240 mobile	
Downes, Ross	02 4474 0456 ph	ACT, South East Australia
	02 4474 0476 fax	
	0402472601 mobile	

Dunstone, Bob	02 6281 1754 ph/fax	South East NSW
Easton, Andrew	07 4690 2666	QLD and NSW
	07 4630 1063 fax	
Edwards, Arthur	08 8586 1232	SE Australia
	08 8595 1394 fax	
	0409 609 300 mobile	
Eggleton, Steve	03 9876 1097	Melbourne Region
	03 9876 1696 fax	
Engel, Richard	08 9397 5941	WA
	08 9397 5941 fax	
Fennell, John	03 5334 7871	Australia
	03 5334 7892 fax	
	0419 881 887	
Farquhar, Wayne	08 85657000	South Australia
	08 85657011 fax	
Fleming, Graham	03 9756 6105	Australia
	03 9752 0005 fax	
Friemond, Terry	08 9203 6720	Western Australia
	08 9203 6720 fax	
	0438 915 811 mobile	
Foster, Kevin	08 9368 3804	Mediterranean areas of Australia
	08 9474 2840 fax	
Frkovic, Edward	02 6962 7333	Australia
	02 6964 1311 fax	
George, Doug	07 5460 1308	Australia
	07 5460 1112 fax	
Gillespie, David	07 4155 6344	Wide Bay Burnett District, QLD
	07 4155 6656 fax	
Gororo, Nelson	03 5382 5911	Mediterranean areas of Australia
	03 5382 5755 fax	
	0428 534 770 mobile	
Goulden, David	64 3 325 6400	New Zealand
	64 3 325 2074 fax	
Graetz, Darren	08 8303 9362	South Australia
	08 8303 9424 fax	
Granger, Andrew	08 8389 8809	South Australia
	08 8389 8899 fax	
Greer, Neil	07 5441 1118	Australia
	07 5476 0098 fax	
	0418 881 755 mobile	
Guertsen, Paul	02 6845 3789	NSW, VIC, SE QLD
	02 6845 3382 fax	
	0407 658 105 mobile	
Hanger, Brian	03 9837 5547 ph/fax	Victoria
	0418 598106 mobile	
Hare, Ray	02 6763 1232	QLD, NSW VIC & SA
	02 6763 1222 fax	
Harrison, Peter	08 8948 1894 ph	Tropical/Sub-tropical Australia,
	08 8948 3894 fax	including NT and NW of WA
	0407 034 083 mobile	and tropical arid areas
Hempel, Maciej	02 4628 0376	NSW, QLD, VIC, SA
	02 4625 2293 fax	
Henry, Robert J	02 6620 3010	Australia
	02 6622 2080 fax	
Herrington, Mark	07 5441 2211	Southern Queensland
	07 5441 2235 fax	
Hill, Jeff	08 8303 9487	South Australia
	08 8303 9607 fax	

Hill, Jim	03 6428 2519 03 6428 2049 fax 0428 262 765 mobile	Australia
Hockings, David Imrie, Bruce	07 5494 3385 ph/fax 02 4474 0951 02 4474 0952 imriesc@sci.net.au	Southern Queensland SE Australia
Iredell, Janet Willa Jack, Brian	07 3202 6351 ph/fax 08 9952 5040 08 9952 5053 fax	SE Queensland South West WA
James, Andrew	07 3214 2278 07 3214 2272 fax	Australia
James, Jennifer Johnston, Evan	+64 6 3518214 64 3358 1745 0214 417 13 mobile	Manawatu Region, New Zealand Canterbury, New Zealand
Johnston, Margaret	07 5460 1240 07 5460 1455 fax	SE Queensland
Kadkol, Gururaj	03 5382 1269 03 5381 1210 fax	North Western Victoria
Kemp, Stuart	03 8390 8150 0437 278 873 mobile	SE Australia
Kennedy, Peter	02 6382 7600 02 6382 2228 fax	New South Wales
Khan, Akram	02 9351 8821 02 9351 8875 fax	New South Wales
Kirby, Greg	08 8201 2176 08 8201 3015 fax	South Australia
Kirby, Neil	02 4754 2637 02 4754 2640 fax	New South Wales
Knights, Edmund	02 6763 1100 02 6763 1222 fax	North Western NSW
Kulkarni, Vinod	08 9992 2221 08 9992 2049 fax	Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Laker, Richard	08 87258987 08 8723 0142 fax 0417 855 592 mobile	Australia
Lamont, Greg	02 8778 5388 02 9734 9866 fax	Sydney region
Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Larkman, Clive	03 9735 3831 03 9739 6370 larkman@tpgi.com.au	Victoria
Lee, Peter	03 6330 1147 03 6330 1927 fax	SE Australia
Lee, Slade	02 6620 3410 02 6622 2080 fax	Queensland/Northern New South Wales
Lenoir, Roland Leske, Richard	02 6231 9063 ph/fax 07 4671 3136 07 4671 3113 fax	Australia Cotton growing regions of QLD & NSW
Light, Kate	03 5362 2175 0419 145 768 mobile	Victoria
Loch, Don	07 3286 1488 07 3286 3094 fax	Queensland

Lowe, Greg	02 4389 8750 02 4389 4958 fax 0411 327390 mobile	Sydney, Central Coast NSW
Lullfitz, Robert Lunghusen, Mark	08 9447 6360 03 5998 2083 03 5998 2089fax 0407 050 133 mobile	South West WA Melbourne & environs
Lye, Colin	07 4671 0044 07 4671 0066 fax 0427 786 668 mobile	NT, QLD and NSW
MacGregor, Alison	03 5023 4644 0419 229 713 mobile	Southern Australia – Murray Valley Region
Mackay, Alastair	08 9310 5342 ph/fax 0159 87221 mobile	Western Australia
McMaugh, Peter	02 9872 7833 02 9872 7855 fax	Australia
Malone, Michael	+64 6 877 8196 +64 6 877 4761 fax	New Zealand
Marcsik, Doris	08 8999 2017 08 8999 2049	Northern Territory and Queensland
McCarthy, Alec	08 9780 6273 08 9780 6136 fax	South West WA
McKirdy, Simon McMichael, Prue	042 163 8229 mobile 08 8373 2488 08 8373 2442 fax	Australia SE Australia
McRae, Tony	08 8723 0688 08 8723 0660 fax	Australia
Miller, Jeff	64 6 356 8019 extn 8027 64 3 351 8142 fax	Manawatu region, New Zealand
Milne, Carolynn Mitchell, Hamish	07 3206 3509 03 9737 9568 03 9737 9899 fax	QLD Victoria
Mitchell, Leslie	03 5821 2021 03 5831 1592 fax	VIC, Southern NSW
Molyneux, William	03 5965 2011 03 5965 2033 fax	Victoria
Moore, Stephen	02 6799 2230 02 6799 2239 fax	NSW
Morrison, Bruce	03 9210 9251 03 9800 3521 fax	East of Melbourne
Mouwen, Heidi	07 4690 2666 07 4630 1063	QLD, NSW
Neylan, John	03 9886 6200 0413 620 256 mobile	VIC, NSW, SA
Nichols, David	03 5977 4755 03 5977 4921 fax	SE Melbourne, Mornington Peninsula and Dandenong Ranges, Victoria
Nichols, Phillip	08 9387 7442 08 9383 9907 fax	Western Australia
Oates, John	02 4473 8465	Sydney region, Eastern Australia
O'Brien, Shaun	07 5442 3055 07 5442 3044 fax 0407 584 417 mobile	SE Queensland
O'Connor, Lauren	07 3359 3113 0418 510 480 mobile	Australia
Owen-Turner, John	07 4129 5217 07 4129 5511 fax	Burnett region, Central Queensland region

Paananen, Ian	02 4381 0051 02 8569 1896 fax 0412 826 589 mobile	Australia (based in Sydney) and New Zealand
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Platz, Greg	07 4639 8817 07 4639 8800 fax	QLD, Northern NSW
Porter, Richard	08 8431 5396 08 8431 5396 fax 0413 270 670 mobile	Adelaide region, South Australia
Portman, Anthony	08 9274 5355 08 9250 1859 fax	South-west Western Australia
Portman, Sian	08 9725 0660 0421 606 651 mobile	Western Australia
Poulsen, David	07 4661 2944 07 4661 5257 fax	SE QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Pumpa, Lucy	08 8373 2488 08 8373 2422 fax 0400 041 881 mobile	South Australia
Quinn, Patrick Richards, Graeme	03 5427 0485 02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	SE Australia Australia
Richardson, Clive Rhodes, Phil	03 51550255 64 3322 5405 0211 862 422 mobile phil@epr.co.nz	Victoria New Zealand
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region
Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
Rose, John	07 4661 2944 07 4661 5257 fax	SE Queensland
Rudolph, Paul	03 5381 2168 03 5381 1210 fax 0438 083 840 mobile	Victoria
Saunders, James	03 8318 9016 03 8318 9002 fax 0408 037 801 mobile	Australia
Sanders, Milton	08 9825 8087 08 9387 4388 fax 0427 031 951 mobile	Southern Australia: WA,Vic, NSW, SA
Scattini, Walter	07 3356 0863 ph/fax	Tropical and sub-tropical Australia
Schapel, Amanda	08 8373 2488 0408 344 843 mobile	South Australia
Scholefield, Peter	08 8373 2488 08 8373 2442 fax 018 082022 mobile	SE Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane

Slater, Tony	03 9210 9222 03 9800 3521 fax 0408 656 021 mobile	SE Australia
Smith, Daniel	08 8373 2488 08 8373 2442 fax	South Australia
Smith, Kenneth	02 4570 9069	Australia
Smith, Kevin	03 5573 0900 03 5571 1523 fax	SE Australia
Smith, Mike	07 5444 9630	SE Queensland
Smith, Stuart	03 6336 5234 03 6334 4961 fax	SE Australia
Stewart, Angus	02 4385 9788ph/fax 0419 632 123 mobile	Sydney, Gosford
Swane, Geoff	02 6889 1545 02 6889 2533 fax 0419 841580 mobile	Central western NSW
Swinburn, Garth	03 5023 4644 03 5023 5814 fax	Murray Valley Region - from Swan Hill (Vic) to Waikere (SA)
Sykes, Stephen	03 5051 3100 03 5051 3111 fax	Victoria
Syrus, A Kim	03 8556 2555 03 8556 2955 fax	Adelaide
Tan, Beng	08 9266 7168 08 9266 2495	Perth & environs
Tancred, Stephen	07 4681 2931 07 4681 4274 fax 0157 62888 mobile	QLD, NSW
Treverrow, Florence	02 6629 3359	Australia
Topp, Bruce	07 4681 1255 07 4681 1769 fax	SE QLD, Northern NSW
Valentine, Bruce	02 6361 3919 02 6361 3573 fax	New South Wales
Van der Staay, Rosemaree Anne	03 6248 6863 03 6248 7402 fax	Tasmania
Verdegaal, John	03 6458 3581 03 6458 3581 fax	Australia and New Zealand
Watkins, Phillip	08 9537 1811 08 9537 3589 fax 0416 191 472 mobile	Perth Region
Watkinson, Andrew	07 5445 6654 0409 065 266 mobile	Northern NSW and Southern QLD
Westra Van Holthe, Jan	03 9706 3033 03 9706 3182 fax	Australia
Whiley, Tony	07 5441 5441	QLD
Wilkes, Gregory	02 4570 1358 02 4570 1314 fax 0418 642 359 mobile	Sydney region
Wilson, Frances	64 3 318 8514 64 3 318 8549 fax	Canterbury, New Zealand
Wilson, Graeme	03 5957 1200 03 5957 1210 fax	SE Australia
Zadow, Diane	03 5382 1269 03 5381 1210 fax 0419 145 763 mobile	Victoria
Zorin, Margaret	07 3207 4306 0418 984 555	Eastern Australia

### Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name	Name
Ali, S	Lowe, Russell
Allen, Antony	Luckett, David
Armour, David	Mack, Ian
Baelde, Arie	Mann, Dorham
Baker, Grant	Mansfield, Daniel
Bally, Ian	Mason, Lloyd
Barr, Andrew	Matic, Rade
Bell, David	Matthews, Michael
Bernuetz, Andrew	McCallum, Lesley
Birmingham, Erika	McDonald, David
Box, Amanda	Mendham, Neville
Brennan, Paul	Menzies, Kim
Brewer, Lester	Miller, Kylie
Brindley, Tony	Moody, David
Brindle, Sean	Moss, Ian
Buchanan, Peter	Mullins, Kathleen
Bunker, John	Mungall, Neil
Bunker, Kerry	Neilson, Peter
Burton, Wayne	Newman, Allen
Cameron, Nick	Noone, Brian
Cant, Russell	Norriss, Michael
Chesher, Wayne	Oakes, John
Chivers, Ian	Offord, Cathy
Clayton-Greene, Kevin	O'Brien, Tim
Constable, Greg	O'Sullivan, Robert
Cook, Esther	Paull, Jeff
Corcoran, Lisa	Pearce, Bob
Coventry, Stewart	Potter, Trent
Craig, Andrew	Pressler, Craig
Craigie, Gail	Reeve, Christopher
Culvenor, Richard	Reid, Peter
Dawson, Iain	Reinke, Russell
Crowhurst, Max	Roberts, Sean
De Betue, Remco	Roche, Matthew
de Koning, Carolyn	Rose, Ian
Dear, Brian	Sanders, Milton
Delaporte, Kate	Sandral, Graeme
Done, Anthony	Sanewski, Garth
Donnelly, Peter	Schilg, Karl
Downe, Graeme	Schreuders, Harry
Dryden, Susan	Scott, Ralph
Eastwood, Russell	Senior, Michael
Eglinton, Jason	Siemon, Fran
Eisemann, Robert	Smith, Chris
Elliott, Philip	Smith, Raymond
Evans, Pedro	Smith, Malcolm
Fitzgibbon, John	Smith, Susan
Flett, Peter	Snelling, Cath
Geary, Judith	Snowball, Richard
Gibbons, Philip	Stiller, Warwick



Gillies, Leanne	Stuart, Peter
Glover, Russell	Sturgess, Eric
Granger, Andrew	Sutton, John
Gurciullo, Gaetano	Tonks, John
Haire, Chris	Trimboli, Daniel
Harden, Patrick	Taylor, Kerry
Hollamby, Gil	Trigg, Pamela
Hoppo, Suzanne	Urwin, Nigel
Howie, Jake	Van der Spek, Folke
Hoxha, Adriana	Vater, Daniel
Hunt, Melissa	Vaughan, Peter
Hurst, Andrea	Venkatanagappa, Shoba
Irwin, John	Venn, Neil
Janhsen, Joanne	Warner, Bradley
Johnson, Peter	Warren, Andrew
Jupp, Noel	Watson, Brigid
Kaehne, Ian	Weatherly, Lilia
Katellaris, Andrew	Wei, Xianming
Kebblewhite, Tony	Whalley, RDB
Kempff, Stefan	Williams, Rex
Kennedy, Chris	Wilson, Stephen
Kobelt, Eric	Wilson, Rob
Lacey, Kevin	Winter, Bruce
Lawson, Marion	Wirthensohn, Michelle
Lee, Kathryn	Wright, Gary
Leighton, A	Yan, Guijun
Leonforte, Antonio	Zeppa, Aldo
Lewin, Laurence	
Lewis, Hartley	
Loi, Angelo	

## **APPENDIX 5**

### **ADDRESSES OF UPOV AND MEMBER STATES**

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

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

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

Web site: <http://www.upov.int>

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

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

## APPENDIX 6

### CENTRALISED TESTING CENTRES

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

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

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

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

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

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

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

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

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

### APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

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

#### Conditions and Selection Criteria

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

##### Appropriate facilities

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

##### Experienced staff

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

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

### Substantial industry support

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

### Capability for long-term storage of genetic material

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

### Contract testing for 3rd Parties

Unless exempted in writing by the PBR office operators of a CTC must be prepared to test varieties submitted by a third party.

### Relationship between CTC and 3rd Parties

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

### One trial at a time

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

### One CTC per genus

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

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

### Authorised Centralised Test Centres (CTCs)

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

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture laboratory	R Kirkham	31/3/97
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/6/97
Ag-Seed Research	Horsham and other sites	Canola	Field, glasshouse, shadehouse, laboratory and biochemical analyses	P Rudolph	30/6/97
Agriculture Western Australia	Northam WA	Wheat	Field, laboratory	D Collins	30/6/97
University of Sydney, Plant Breeding Institute	Camden, NSW	<i>Argyranthemum</i> , <i>Diascia</i> , <i>Mandevilla</i>	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms,	J Oates	30/6/97

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

Luff Partnership	Kulnura, NSW	<i>Bracteantha</i>	Field beds, irrigation, shade house, propagation house, cool rooms,	I Dawson	31/12/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Petunia, Calibrachoa</i>	Glasshouse	I Paananen J Oates	31/12/00
NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood,	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt N Derera T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteaflora Nursery Pty Ltd	Monbulk, VIC	<i>Plectranthus</i>	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	<i>Zingiber</i>	Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services	D Marcsik	30/9/04
Ball Australia	Keysborough, VIC	<i>Impatiens, Verbena</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	D. Nichols	30/9/04
Floreta Pty Ltd	Redland Bay QLD	<i>Bracteantha</i>	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevard Nurseries Mildura Pty Ltd	Irymple VIC	<i>Zantedeschia</i>	Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics,	K Mullins	31/12/04

			quarantine facilities		
Buchanan's Nursery	Hodgsonvale, QLD	<i>Prunus</i>	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/04
Ball Australia	Keysborough, VIC	<i>Calibrachoa, Osteospermum</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	D. Nichols	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including biotech, propagation, outdoor facilities	I Bally	30/09/05
Blueberry Farms of Australia	Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania	<i>Vaccinium</i>	Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories.	I Paananen	15/10/07

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Ball Australia	Keysborough, VIC	<i>Kalanchoe</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	D. Nichols
Yates Botanical Pty Ltd	Somersby and Tuggerah, NSW	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen
Aussie Winners Pty Ltd	Redland Bay, QLD	<i>Fuchsia</i>	Comprehensive growing facilities	I Paananen
Schreurs Australia Pty Ltd	Leppington, NSW	<i>Rosa</i>	Comprehensive growing facilities	I Paananen

Comments (both for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

The Registrar  
Plant Breeder's Rights Office  
IP Australia  
PO Box 200  
Woden, ACT 2606  
Fax (02) 6283 7999

Closing date for comment: 30 April 2008.

## APPENDIX 7

## List of Classes for Variety Denomination Purposes

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

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

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

The variety denomination classes are as follows:

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

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

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

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

## LIST OF CLASSES

Part I*Classes within a genus*

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



## LIST OF CLASSES (Continuation)

Part II*Classes encompassing more than one genus*

	<u>Botanical names</u>	<u>UPOV codes</u>
Class 201	Secale, Triticale, Triticum	SECAL; TRITL; TRITI
Class 202	Panicum, Setaria	PANIC; SETAR
Class 203*	Agrostis, Dactylis, Festuca, Festulolium, Lolium, Phalaris, Phleum and Poa	AGROS; DCTLS; FESTU; FESTL; LOLIU; PHALR; PHLEU; POAAA
Class 204*	Lotus, Medicago, Ornithopus, Onobrychis, Trifolium	LOTUS; MEDIC; ORNTP; ONOBR; TRFOL
Class 205	Cichorium, Lactuca	CICHO; LACTU
Class 206	Petunia and Calibrachoa	PETUN; CALIB
Class 207	Chrysanthemum and Ajanía	CHRY; 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 Agaricus blazei Agrocybe cylindracea Auricularia auricula Auricularia polytricha (Mont.) Sacc. Dictyophora indusiata (Ventenat:Persoon) Fischer Flammulina velutipes Ganoderma lucidum (Leyss:Fries) Karsten Grifola frondosa Hericium erinaceum Hypsizigus marmoreus Hypsizigus ulmarius Lentinula edodes Lepista nuda (Bulliard:Fries) Cooke Lepista sordida (Schumacher:Fries) Singer Lyophyllum decastes Lyophyllum shimeji (Kawamura) Hongo Meripilus giganteus (Persoon:Fries) Kärten Mycoleptodonoides aitchisonii (Berkeley) Maas Geesteranus Naematoloma sublateritium Panellus serotinus Pholiota adiposa Pholiota nameko Pleurotus cornucopiae var.citrinooileatus Pleurotus cystidiosus Pleurotus cystidiosus subsp. Abalonus Pleurotus eryngii Pleurotus ostreatus Pleurotus pulmonarius Polyporus tuberaster (Jacquin ex Persoon) Fries Sparassis crispa (Wulfen) Fries Tricholoma giganteum Massee	AGARI_BIS AGARI_BLA AGROC_CYL AURIC_AUR AURIC_POL DICTP_IND FLAMM_VEL GANOD_LUC GRIFO_FRO HERIC_ERI HYPSE_MAR HYPSE_ULM LENTI_ELO LEPIS_NUD LEPIS_SOR LYOPH_DEC LYOPH_SHI MERIP_GIG MYCOL_AIT NAEMA_SUB PANEL_SER PHLIO_ADI PHLIO_NAM PLEUR_COR PLEUR_CYS PLEUR_CYS_ABA PLEUR_ERY PLEUR_OST PLEUR_PUL POLYO_TUB SPARA_CRI MACRO_GIG

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

## APPENDIX 8

### REGISTER OF PLANT VARIETIES

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

#### South Australia

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

#### New South Wales

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

#### Victoria and Tasmania

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

#### Queensland

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

#### Australian Capital Territory, Northern Territory and Western Australia

ACT and NT Registers are kept  
in the Library of PBR Office in Canberra  
Phone (02) 6283 2999

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



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