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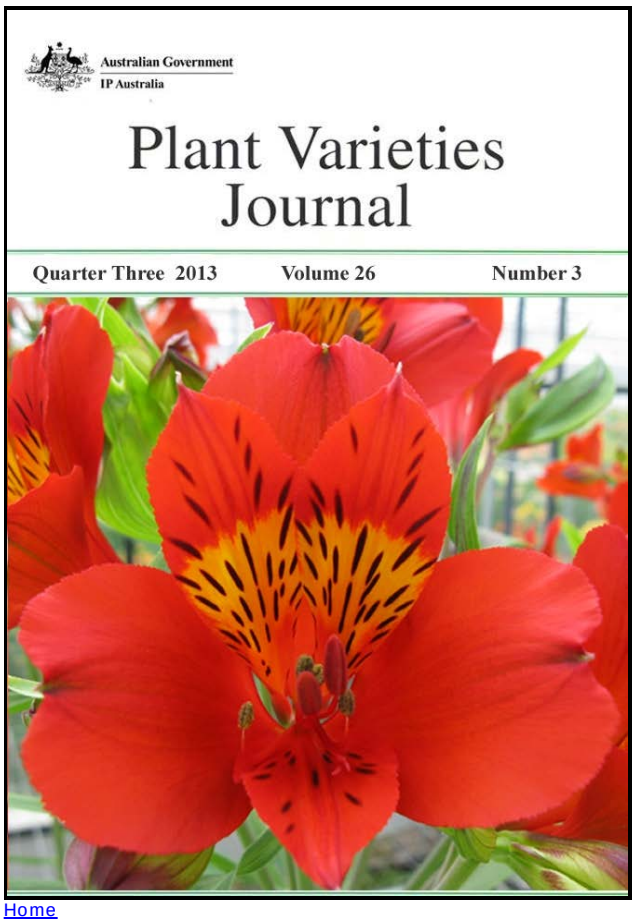
Plant Breeders Rights

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




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, official notices etc. The General Information pages of ***Plant Varieties Journal*** **(Vol. 26 Issue 3)** are listed below:


- **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**

# Interactive Variety Description System (IVDS)

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

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

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

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

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

# Objections and Revocations

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

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

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

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

## Objections to Applications

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

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

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

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

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

**· a Grant**

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

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

· a grant of PBR; or

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

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

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

## Report on Breeding Issues

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

# Use of Overseas Data

## Overseas Testing/Data

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

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

## Taxa that must be trailled in Australia

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

*Solanum tuberosum* Potato

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

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

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

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

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

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

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

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

## PBR Infringement

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

# On-line Database for PBR Varieties

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

# Cumulative Index to Plant Varieties Journal

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

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

# Applying for Plant Breeder's Rights

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

**Steps in Applying for Plant Breeder's Rights**

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

## Requirement to Supply Comparative Varieties

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

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

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

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

# UPOV Developments

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

**The members of UPOV are (Status on 5 December 2012):**

Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, European Community, Estonia, Finland, France, Georgia, Germany, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Oman, Panama, Paraguay, Peru, Poland, Portugal, Republic of Korea, Republic of Macedonia, Republic of Moldova, Romania, Russian Federation, Serbia, 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 71).

Serbia became a member of UPOV on 5 December 2012.

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

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

## European Developments

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

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

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

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

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

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

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

# Instructions to Qualified Persons

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

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

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

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

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of ***Plant Varieties Journal*** (**Vol. 26 Issue 3**) are listed below:


- **Home**
- **Acceptances**
- **Variety Descriptions**
- **Grants**
- **Denomination Changed**
- **Change of Agent**
- **Change of Applicant's Name**
- **Assignment of Rights**
- **Applications Withdrawn**
- **Grants Surrendered**
- **Transfer of Rights**
- **Corrigenda**

# ACCEPTANCES

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

*Angelonia angustifolia*

ANGELONIA, GRANNY'S BONNET

## ‘Sungelobu’

Application No: 2013/143 Accepted: 18 Jul 2013
Applicant: **Suntory Flowers Limited**.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Angelonia angustifolia*

ANGELONIA, GRANNY'S BONNET

## ‘Sungelodepi’

Application No: 2013/144 Accepted: 18 Jul 2013
Applicant: **Suntory Flowers Limited**.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Angelonia angustifolia*

ANGELONIA, GRANNY'S BONNET

## ‘Sungeloho’

Application No: 2013/145 Accepted: 18 Jul 2013
Applicant: **Suntory Flowers Limited**.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Argyranthemum frutescens*

MARGUERITE DAISY

## ‘SUPA371’

Application No: 2011/182 Accepted: 13 Sep 2013
Applicant: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.

*Avena sativa*

OATS

## ‘Comet’

Application No: 2013/101 Accepted: 01 Aug 2013
Applicant: **NDSU Research Foundation**.
Agent: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

*Brachyscome* hybrid

BRACHYSCOME

## ‘Bonbra0749’

Application No: 2013/221 Accepted: 19 Sep 2013
Applicant: **Bonza Botanicals Pty Limited**.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

## ‘Bonbra7115’

Application No: 2013/222 Accepted: 19 Sep 2013
Applicant: **Bonza Botanicals Pty Limited**.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

## ‘Bonbrapi’

Application No: 2013/220 Accepted: 19 Sep 2013
Applicant: **Bonza Botanicals Pty Limited**.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Buddleja davidii*

BUTTERFLY-BUSH; ORANGE-EYE; SUMMER-LILAC

## ‘Tobudpipur’

Application No: 2013/004 Accepted: 11 Jul 2013
Applicant: **Thompson & Morgan (UK) Ltd**.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

## ‘Tobudskybl’

Application No: 2013/002 Accepted: 11 Jul 2013
Applicant: **Thompson & Morgan (UK) Ltd**.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

## ‘Tobudvelve’

Application No: 2013/003 Accepted: 11 Jul 2013

Applicant: **Thompson & Morgan (UK) Ltd**.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

## ‘Suncalpink’

Application No: 2013/218 Accepted: 23 Sep 2013
Applicant: **Suntory Flowers Pty Limited**.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

## ‘USCAL5302M’

Application No: 2013/141 Accepted: 27 Sep 2013
Applicant: **Plant 21 LLC**.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

## ‘USCAL91001’

Application No: 2013/140 Accepted: 27 Sep 2013
Applicant: **Plant 21 LLC**.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

*Cicer arietinum*

CHICKPEA

## ‘PBA Monarch’

Application No: 2013/137 Accepted: 10 Sep 2013
Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation**, Attwood, VIC.

*Citrus limon*

LEMON

## ‘ASMeyer’

Application No: 2012/140 Accepted: 25 Sep 2013
Applicant: **Andrew Stark**.
Agent: **Touch of Class plants Pty Ltd**, Tynong, VIC.

*Corymbia citriodora*

LEMON SCENTED GUM

## ‘COR81’

Application No: 2013/203 Accepted: 12 Sep 2013
Applicant: **Nathan Dutschke**.
Agent: **Ozbreed Pty Limited**, Richmond, NSW.

*Corymbia maculata*

SPOTTED GUM

## ‘FAC01’

Application No: 2013/209 Accepted: 10 Sep 2013
Applicant: **Faceys Nursery**, Devon Meadows, VIC.

*Cucurbita moschata*

PUMPKIN

## ‘DEB2010’

Application No: 2013/118 Accepted: 08 Aug 2013
Applicant: **Nature's Haven Pty Ltd**, Dimbulah, QLD.

## ‘OrangeGlow’

Application No: 2013/051 Accepted: 26 Jul 2013
Applicant: **Shaun Jackson**.
Agent: **Griffith Hack**, Melbourne, VIC.

*Dactylis glomerata*

COCKSFOOT

## ‘Savvy’

Application No: 2012/229 Accepted: 09 Aug 2013
Applicant: **Grasslands Innovation Ltd.**.
Agent: **Griffith Hack**, Brisbane, QLD.

*Delosperma cooperi*

COOPER'S ICE PLANT

## ‘Jewel of Desert Garnet’

Application No: 2013/065 Accepted: 13 Sep 2013
Applicant: **Koichiro Nishikawa**.
Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

## ‘Jewel of Desert Moon Stone’

Application No: 2013/066 Accepted: 13 Sep 2013
Applicant: **Koichiro Nishikawa**.
Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

## ‘Jewel of Desert Peridott’

Application No: 2013/067 Accepted: 13 Sep 2013
Applicant: **Koichiro Nishikawa**.
Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

## ‘Jewel of Desert Ruby’

Application No: 2013/068 Accepted: 13 Sep 2013
Applicant: **Koichiro Nishikawa**.
Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

## ‘Jewel of DesertTopaz’

Application No: 2013/069 Accepted: 13 Sep 2013
Applicant: **Koichiro Nishikawa**.
Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

*Dianella caerulea*

BLUE FLAX-LILY, UMBRELLA DRACAENA

## ‘DCGL’

Application No: 2013/105 Accepted: 18 Sep 2013
Applicant: **Vic John Ciccolella**.
Agent: **Ozbreed**, Richmond, NSW.

*Dianella* hybrid

FLAX LILY

## ‘Fortunegold’

Application No: 2013/155 Accepted: 22 Aug 2013
Applicant: **Mega Fortune Super Fund with trustees Mieke & Graham Fortune**, North Arm, QLD.

*Dianella tasmanica*

FLAX LILY

## ‘Silverado’

Application No: 2011/303 Accepted: 04 Sep 2013
Applicant: **Floraquest Pty Ltd**.
Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Fragaria xananassa*

STRAWBERRY

## ‘BBB PO 01’

Application No: 2013/186 Accepted: 17 Sep 2013
Applicant: **Beekers Berries Breeding B.V.**.
Agent: **United Nurseries Pty Ltd**, Tullamarine, VIC.

## ‘DrisStrawThirtyEight’

Application No: 2013/154 Accepted: 19 Jul 2013
Applicant: **Driscoll Strawberry Associates, Inc.**.
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

## ‘DrisStrawThirtyFive’

Application No: 2013/153 Accepted: 19 Jul 2013
Applicant: **Driscoll Strawberry Associates, Inc.**.
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

## ‘DrisStrawThirtyNine’

Application No: 2013/180 Accepted: 21 Aug 2013
Applicant: **Driscoll Strawberry Associates, Inc.**.
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

## ‘DrisStrawThirtyTwo’

Application No: 2013/007 Accepted: 01 Aug 2013
Applicant: **Driscoll Strawberry Associates, Inc.**.
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

*Gardenia augusta*

GARDENIA

## ‘CJ1’

Application No: 2012/112 Accepted: 09 Sep 2013
Applicant: **Philip Dark**.
Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Hibiscus rosa-sinensis*

CHINESE HIBISCUS

## ‘Adonicus’ syn Adonicus Pink

Application No: 2013/035 Accepted: 25 Sep 2013

Applicant: **Poul Graff**.
Agent: **Sprint Horticulture**, Fountain Plaza, NSW.

## ‘Athenacus’

Application No: 2013/040 Accepted: 24 Sep 2013
Applicant: **Poul Graff**.
Agent: **Sprint Horticulture**, Fountain Plaza, NSW.

*Hordeum vulgare*

BARLEY

## ‘Charger’

Application No: 2013/156 Accepted: 05 Sep 2013
Applicant: **Carlsberg A/S**.
Agent: **Adelaide Research & Innovation Pty Ltd**, Adelaide, SA.

## ‘Granger’

Application No: 2013/102 Accepted: 26 Jul 2013
Applicant: **Limagrain UK Ltd**.
Agent: **Elders Rural Services Australia Ltd**, Ballarat, VIC.

## ‘LaTrobe’

Application No: 2013/224 Accepted: 20 Sep 2013
Applicant: **Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation**, Attwood, VIC.

## ‘Litmus’

Application No: 2013/160 Accepted: 21 Aug 2013
Applicant: **InterGrain Pty Ltd**, Bibra Lake, WA.

*Juglans microcarpa* x *Juglans regia*

WALNUT ROOTSTOCK HYBRID

## ‘RX1’

Application No: 2013/210 Accepted: 23 Sep 2013
Applicant: **The Regents of the University of California, The United States of America, as represented by the Secretary of Agriculture**.
Agent: **NU LEAF I.P. PTY LTD**, Mildura, VIC.

*Juglans hindsii* x *Juglans regia*

WALNUT ROOTSTOCK HYBRID

## ‘VX211’

Application No: 2013/211 Accepted: 23 Sep 2013
Applicant: **The Regents of the University of California, The United States of America, as represented by the Secretary of Agriculture**.
Agent: **NU LEAF I.P. PTY LTD**, Mildura, VIC.

*Lactuca sativa*

LETTUCE

## ‘41-123 RZ’

Application No: 2012/272 Accepted: 31 Jul 2013
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**.
Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

## ‘Bataflash’

Application No: 2013/174 Accepted: 21 Aug 2013
Applicant: **Nunhems B.V.**.
Agent: **Shelston IP**, Sydney, NSW.

## ‘Cosbee’

Application No: 2013/179 Accepted: 12 Sep 2013
Applicant: **Nunhems B.V.**.
Agent: **Shelston IP**, Sydney, NSW.

## ‘Crunchita’

Application No: 2013/168 Accepted: 30 Jul 2013
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**.
Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

## ‘Grandolia’

Application No: 2013/146 Accepted: 19 Jul 2013
Applicant: **Nunhems B.V.**.
Agent: **Shelston IP**, Sydney, NSW.

## ‘Kiprien’

Application No: 2013/166 Accepted: 30 Jul 2013
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**.
Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

## ‘Klee’

Application No: 2013/167 Accepted: 30 Jul 2013
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**.
Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

## ‘Multigreen 60’

Application No: 2013/148 Accepted: 22 Jul 2013
Applicant: **Nunhems B.V.**.
Agent: **Shelston IP**, Sydney, NSW.

## ‘Primagol’

Application No: 2013/147 Accepted: 24 Jul 2013
Applicant: **Nunhems B.V.**.
Agent: **Shelston IP**, Sydney, NSW.

## ‘Ralph’

Application No: 2012/270 Accepted: 31 Jul 2013
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**.
Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

## ‘Telex’

Application No: 2013/169 Accepted: 31 Jul 2013
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**.
Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

## ‘Wintex’

Application No: 2013/034 Accepted: 25 Jul 2013
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**.
Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

## ‘Pursuit’

Application No: 2013/212 Accepted: 23 Sep 2013
Applicant: **Vilmorin**
Agent: **Shelston IP**, Sydney, NSW.

## ‘Bachata’

Application No: 2013/213 Accepted: 23 Sep 2013
Applicant: **Vilmorin**
Agent: **Shelston IP**, Sydney, NSW.

*Leucanthemum* x*superbum*

SHASTA DAISY

## ‘GFLEUWHMTN’ syn White Mountain

Application No: 2012/228 Accepted: 16 Sep 2013
Applicant: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.

*Lolium multiflorum*

ITALIAN RYEGRASS

## ‘Supercruise’

Application No: 2013/108 Accepted: 24 Jul 2013
Applicant: **Grasslands Innovation Ltd.**.
Agent: **Griffith Hack**, Brisbane, QLD.

## ‘Thumpa’

Application No: 2013/109 Accepted: 02 Aug 2013
Applicant: **Grasslands Innovation Ltd.**.
Agent: **Griffith Hack**, Brisbane, QLD.

*Lolium perenne*

PERENNIAL RYEGRASS

## ‘Excess’

Application No: 2013/110 Accepted: 02 Aug 2013
Applicant: **Grasslands Innovation Ltd.**.
Agent: **Griffith Hack**, Brisbane, QLD.

## ‘Rely’

Application No: 2013/199 Accepted: 26 Sep 2013
Applicant: **Grasslands Innovation Limited**.
Agent: **Griffith Hack**, Brisbane, QLD.

*Malus domestica*

APPLE

## ‘Pink Chief’ syn TT6050

Application No: 2013/149 Accepted: 22 Jul 2013
Applicant: **Fruit Varieties International Pty Ltd**, Dover, TAS.

## ‘RS103-110’

Application No: 2013/115 Accepted: 02 Aug 2013
Applicant: **State of Queensland through its Department of Agriculture, Fisheries and Forestry, Horticulture Australia Limited**.
Agent: **Department of Agriculture, Fisheries and Forestry, Queensland**, Brisbane, QLD.

*Michelia* hybrid

MICHELIA

## ‘MicJur02’

Application No: 2013/191 Accepted: 27 Aug 2013
Applicant: **Mark Jury**.
Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

*Myrtus ugni*

MURTILLA, CHILEAN GUAVA

## ‘Red Pearl - INIA’

Application No: 2012/074 Accepted: 02 Jul 2013
Applicant: **Instituto de Investigaciones Agropecuarias - INIA**.
Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

## ‘South Pearl - INIA’

Application No: 2012/073 Accepted: 02 Jul 2013
Applicant: **Instituto de Investigaciones Agropecuarias - INIA**.
Agent: **Buchanan's Nursery**, Hodgsonvale, QLD.

*Ozothamnus* hybrid

RICEFLOWER

## ‘Colour Surprise’

Application No: 2013/189 Accepted: 05 Sep 2013
Applicant: **Aussie Colours Pty Ltd**.
Agent: **InnoV8 Botanics Pty Ltd**, Karana Downs, QLD.

## ‘Magic Marmalade’

Application No: 2013/188 Accepted: 05 Sep 2013
Applicant: **Aussie Colours Pty Ltd**.
Agent: **InnoV8 Botanics Pty Ltd**, Karana Downs, QLD.

*Pelargonium peltatum* x *Pelargonium zonale*

PELARGONIUM

## ‘PEQZ0001’

Application No: 2013/135 Accepted: 16 Aug 2013
Applicant: **Syngenta Crop Protection AG**.
Agent: **Highsun Express**, Ormiston, QLD.

*Pelargonium hybrid*

PELARGONIUM

## ‘PEQZ0004’ syn Calliope-Big Red

Application No: 2013/128 Accepted: 25 Sep 2013
Applicant: **Syngenta Crop Protection AG**.
Agent: **Highsun Express Plugs Pty Ltd**, Ormiston, QLD.

*Petunia* hybrid

PETUNIA

## ‘BHTUN31501’

Application No: 2012/301 Accepted: 15 Jul 2013
Applicant: **Plant 21, L.L.C.**.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

*Prunus salicina*

JAPANESE PLUM

## ‘Suplumfortyone’ syn SUPLUM41

Application No: 2013/176 Accepted: 22 Aug 2013
Applicant: **Sun World International LLC**.
Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

## ‘Suplumthirtyeight’ syn Suplum38

Application No: 2013/177 Accepted: 22 Aug 2013
Applicant: **Sun World International LLC**.
Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

*Prunus persica* var *nucipersica*

NECTARINE

## ‘Michaels Pride’

Application No: 2013/129 Accepted: 02 Aug 2013
Applicant: **Michael Leone Tranchita**, Roleystone, WA.

## ‘Spring Fire’

Application No: 2013/111 Accepted: 02 Aug 2013
Applicant: **Zaiger's Inc. Genetics**.
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, Vic.

## ‘Sunectwentyfive’ syn Sunect25

Application No: 2013/178 Accepted: 22 Aug 2013
Applicant: **Sun World International LLC**.
Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

## ‘Sunectwentytwo’ syn Sunect22

Application No: 2013/175 Accepted: 22 Aug 2013
Applicant: **Sun World International LLC**.
Agent: **Corrs Chambers Westgarth Lawyers**, Melbourne, VIC.

*Prunus persica*

PEACH

## ‘Riverrich’

Application No: 2013/113 Accepted: 02 Aug 2013
Applicant: **Zaiger's Inc. Genetics**.
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, Vic.

*Prunus* sp

PLUM

## ‘Blackred VIII’

Application No: 2012/012 Accepted: 09 Aug 2013
Applicant: **Lowell G. Bradford**.
Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

*Pyrus communis* x *P. pyrifolia* x *P. bretschneideri*

EUROPEAN X ASIAN PEAR INTERSPECIFIC HYBRID

## ‘PremP009’

Application No: 2013/136 Accepted: 02 Aug 2013
Applicant: **Prevar Ltd**.
Agent: **Australian Nurserymen's Fruit Improvement company (ANFIC) Ltd**, Kallangur, QLD.

*Rosa* hybrid

ROSE

## ‘GRA102471’

Application No: 2013/157 Accepted: 30 Jul 2013
Applicant: **Harry Schreuders**.
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

*Rubus idaeus*

RASPBERRY

## ‘DrisRaspFive’

Application No: 2012/273 Accepted: 02 Aug 2013
Applicant: **Driscoll Strawberry Associates, Inc.**.
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

## ‘Pacific Deluxe’

Application No: 2013/138 Accepted: 31 Jul 2013
Applicant: **Pacific Berry Breeding, L.L.C.**.
Agent: **Fisher Adams Kelly**, Brisbane, QLD.

*Saccharum* hybrid

SUGARCANE

## ‘Q252’

Application No: 2013/205 Accepted: 13 Sep 2013
Applicant: **Sugar Research Australia Limited (SRA)**, Indooroopilly, QLD.

## ‘Q253’

Application No: 2013/206 Accepted: 13 Sep 2013
Applicant: **Sugar Research Australia Limited (SRA)**, Indooroopilly, QLD.

## ‘Q254’

Application No: 2013/207 Accepted: 13 Sep 2013
Applicant: **Sugar Research Australia Limited (SRA)**, Indooroopilly, QLD.

## ‘Q256’

Application No: 2013/208 Accepted: 13 Sep 2013
Applicant: **Sugar Research Australia Limited (SRA)**, Indooroopilly, QLD.

*Scaevola* hybrid

FAN FLOWER

## ‘Clauds’

Application No: 2013/150 Accepted: 26 Jul 2013
Applicant: **SPROCZ Pty Ltd**.
Agent: **RAMM BOTANICALS HOLDINGS PTY LTD**, Kangy Angy, NSW.

*Solanum lycopersicum*

TOMATO

## ‘CASSOWARY’

Application No: 2013/100 Accepted: 21 Aug 2013
Applicant: **Nunhems B.V.**.
Agent: **Shelston IP**, Sydney, NSW.

## ‘Kesaria’

Application No: 2013/170 Accepted: 06 Sep 2013
Applicant: **Yissum Research Development Company of The Hebrew University of Jerusalem**.
Agent: **Shelston IP**, Sydney, NSW.

*Tibouchina* hybrid *(organensis* x *mutabilis)*

TIBOUCHINA

## ‘Allure’

Application No: 2013/190 Accepted: 27 Aug 2013
Applicant: **Terence Charles Keogh**.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, Tas.

*Trifolium michelianum*

BALANSA CLOVER

## ‘B35/99/08’

Application No: 2013/107 Accepted: 26 Jul 2013
Applicant: **MIINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Regions Corporation**, Adelaide, SA.

*Trifolium subterraneum* ssp *brachycalycinum*

SUBTERRANEAN CLOVER

## ‘B42’

Application No: 2013/130 Accepted: 26 Jul 2013
Applicant: **MIINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Regions Corporation**, Adelaide, SA.

## ‘B55’

Application No: 2013/131 Accepted: 26 Jul 2013
Applicant: **MIINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Regions Corporation**, Adelaide, SA.

*Trifolium repens*

WHITE CLOVER

## ‘Legacy’

Application No: 2013/198 Accepted: 27 Sep 2013
Applicant: **Grasslands Innovation Limited**.
Agent: **Griffith Hack**, Brisbane, QLD.

*Triticum aestivum*

WHEAT

## ‘Manning’

Application No: 2013/152 Accepted: 31 Jul 2013
Applicant: **CSIRO Plant Industry, Grains Research and Development Corporation**, Canberra, ACT.

*Vaccinium corymbosum*

BLUEBERRY

## ‘Hortblue Poppins’

Application No: 2013/139 Accepted: 27 Sep 2013
Applicant: **The New Zealand Institute for Plant and Food Research Limited**.
Agent: **AJ Park**, Canberra, ACT.

*Vaccinium* hybrid

SOUTHERN HIGHBUSH BLUEBERRY

## ‘Ridley3402’

Application No: 2013/194 Accepted: 26 Aug 2013
Applicant: **Mountain Blue Orchards Pty Ltd**, Lindendale, NSW.

*Verbena* x*hybrida*

VERBENA

## ‘Flagdena’ syn Lanai Twister Pink

Application No: 2013/133 Accepted: 16 Aug 2013
Applicant: **Syngenta Crop Protection AG**.
Agent: **Highsun Express**, Ormiston, QLD.

## ‘VEAZ0009’ syn Lanai Twister Red

Application No: 2013/134 Accepted: 16 Aug 2013
Applicant: **Syngenta Crop Protection AG**.
Agent: **Highsun Express**, Ormiston, QLD.

## ‘VEAZ0011’

Application No: 2013/132 Accepted: 15 Aug 2013
Applicant: **Syngenta Crop Protection AG**.
Agent: **Highsun Express**, Ormiston, QLD.

*Vicia faba*

FIELD BEAN

## ‘AF05069-2’

Application No: 2013/204 Accepted: 24 Sep 2013
Applicant: **Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation**.
Agent: **Adelaide Research & Innovation Pty Ltd**, Adelaide, SA.

*Vigna radiata*

MUNG BEAN

## ‘M09246’

Application No: 2013/202 Accepted: 10 Sep 2013
Applicant: **Department of Agriculture Fisheries and Forestry, Grains Research and Development Corporation**, Toowoomba, QLD.

*Vitis vinifera*

GRAPE VINE

## ‘IFG Eight’

Application No: 2013/165 Accepted: 31 Jul 2013
Applicant: **International Fruit Genetics LLC**.
Agent: **Alison MacGregor**, Mildura, VIC.

## ‘IFG Five’

Application No: 2013/162 Accepted: 30 Jul 2013
Applicant: **International Fruit Genetics LLC**.
Agent: **Alison MacGregor**, Mildura, VIC.

## ‘IFG Four’

Application No: 2013/161 Accepted: 30 Jul 2013
Applicant: **International Fruit Genetics LLC**.
Agent: **Alison MacGregor**, Mildura, VIC.

*Vitis vinifera*

GRAPE VINE

## ‘IFG Six’

Application No: 2013/163 Accepted: 31 Jul 2013
Applicant: **International Fruit Genetics LLC**.

*Vitis* hybrid

GRAPE VINE

## ‘IFG Seven’

Application No: 2013/164 Accepted: 31 Jul 2013
Applicant: **International Fruit Genetics LLC**.
Agent: **Alison MacGregor**, Mildura, VIC.

Agent: **Alison MacGregor**, Mildura, VIC.

*Westringia fruticosa*

COASTAL ROSEMARY

## ‘WES06’

Application No: 2013/200 Accepted: 09 Sep 2013
Applicant: **Nuflora International Pty Ltd**.
Agent: **Ozbreed Pty Ltd**, Clarendon, NSW.

## Variety Descriptions

| Common (Genus Species) | Variety | Title Holder |
|---|---|---|
| Peruvian Lily *(Alstroemeria hybrid)* | Konpepper | Konst Breeding B.V. |
| Peruvian Lily *(Alstroemeria hybrid)* | Konglacier | Konst Breeding B.V. |
| Mexican Lily *(Beschorneria yuccoides)* | BESYS | Lifetech Laboratories Ltd |
| Red Boronia *(Boronia heterophylla)* | Blue Waves | Richard G. Ware |
| Canola *(Brassica napus)* | GT Cobra | Nuseed Pty. Ltd. |
| Canola *(Brassica napus)* | GT Viper | Nuseed Pty. Ltd. |
| Canola *(Brassica napus)* | ATR-GEM | Nuseed Pty. Ltd. |
| Industrial Hemp *(Cannabis sativa)* | Xulan | Patrick Steven Calabria |
| Mandarin *(Citrus clementina x sinensis)* | Alkantara | Giuseppe Reforgiato Recupero, Giuseppe Russo & Santo Recupero |
| Lemon *(Citrus limon)* | CPN1 | John Marshall |
| Lemon *(Citrus limon)* | ASMeyer | Andrew Stark |
| Mandarin *(Citrus reticulata x deliciosa)* | Mandalate | Giuseppe Reforgiato Recupero, Giuseppe Russo & Santo Recupero |
| Cordyline *(Cordyline australis)* | Cha Cha | Peter Fraser |
| Cordyline *(Cordyline australis)* | Can Can | Peter Fraser |
| Flax lily *(Dianella tasmanica)* | Silverado | Floraquest Pty Ltd |

| | | |
|---|---|---|
| Soybean *(Glycine max)* | Bidgee | Commonwealth Scientific and Industrial Research Organisation, NSW Department of Primary Industries, Grains Research and Development Corporation |
| Soybean *(Glycine max)* | Hayman | CSIRO, NSW Department of Primary Industries, GRDC |
| Soybean *(Glycine max)* | Richmond | CSIRO, NSW Department of Primary Industries, GRDC |
| Lettuce *(Lactuca sativa)* | Auvona | Rijk Zwaan Zaadteelt en Zaadhandel B.V. |
| Apple *(Malus domestica)* | Fugachee Fuji | Brandt's Fruit Trees Inc. |
| Apple *(Malus domestica)* | Fuji Supreme | CABP4 LIMITED |
| Apple *(Malus domestica)* | Burkitt Gala | BMA TRUST c/-Dr Mark Burkitt |
| Lucerne *(Medicago sativa)* | SuperNova | Seed Genetics International |
| Avocado *(Persea americana)* | Merensky 2 | Hans Merensky Holdings Pty Ltd trading as Merensky Technological Services |
| Avocado *(Persea americana)* | Mendez No. 1 | Carlos Mendez Vega |
| Avocado *(Persea americana)* | Merensky 1 | Hans Merensky Holdings Pty Ltd (t/a Westfalia Technological Services) |
| Avocado *(Persea americana)* | Maluma Hass | A H Ernst & Seuns (Pty) Ltd t/a Allesbeste Nursery |
| Almond x Peach clonal rootstock *(Prunus (dulcis x persica) x dulcis)* | ALM-21 | Zaiger's Inc. Genetics |
| Apricot *(Prunus armeniaca)* | River Early | The Minister for Agriculture, Food and Fisheries |
| Sweet Cherry *(Prunus avium)* | Royal Hazel | Zaiger's Inc. Genetics |
| Sweet Cherry *(Prunus avium)* | Rosie Rainier | Zaiger's Inc. Genetics |
| Sweet Cherry *(Prunus avium)* | Royal Edie | Zaiger's Inc. Genetics |
| Myrobalan x Peach *(Prunus cerasifera x persica)* | Kuban 86 | Gennady Eremin |
| Prunus - Interspecific Plum | LC-52 | Gennady Eremin |

| | | |
|---|---|---|
| *(Prunus cerasus x cerasus x maackii)* | | |
| Prunus - Interspecific Plum *(Prunus fruticosa x lannesiana)* | VSL 2 | Gennady Eremin |
| Prunus - Interspecific Plum *(Prunus hybrid)* | Flavor Rouge | Zaiger's Inc. Genetics |
| Interspecific Plum *(Prunus hybrid)* | Marcia's Flavor | Zaiger's Inc. Genetics |
| Peach *(Prunus persica)* | Zaimus | Zaiger's Inc. Genetics |
| Nectarine *(Prunus persica var nucipersica)* | June Sweet | Lowell G. Bradford |
| Japanese Plum *(Prunus salicina)* | Crimson Glo | Zaiger's Inc. Genetics |
| Japanese Plum *(Prunus salicina)* | Rubirosa | Zaiger's Inc. Genetics |
| Plum *(Prunus sp)* | Plumsweet X | Lowell G. Bradford |
| Plum *(Prunus sp)* | Blackred VIII | Lowell G. Bradford |
| Nanking cherry x Myrobolan plum *(Prunus tomentosa x cerasifera)* | VVA-1 | Gennady Eremin |
| Sage *(Salvia hybrid)* | SAL 010-1 | Plant Growers Australia Pty Ltd |
| Tomato *(Solanum lycopersicum)* | ESSENTIAL | Nunhems B.V. |
| Potato *(Solanum tuberosum)* | FL 2215 | Frito-Lay North America Inc |
| Potato *(Solanum tuberosum)* | FL 2126 | Frito-Lay North America Inc |
| Potato *(Solanum tuberosum)* | FL 2204 | Frito-Lay North America Inc |
| Potato *(Solanum tuberosum)* | Infinity | Irish Potato Marketing Ltd |
| Potato *(Solanum tuberosum)* | Cristina | Irish Potato Marketing Ltd |
| Lilly Pilly *(Syzygium australe)* | Redlil | Agbiz Holdings Pty Ltd, Greenhills Propagation Nursery Pty Ltd |
| Lilly Pilly *(Syzygium australe)* | OTC1 | Agbiz Holdings Pty Ltd |

| | | |
|---|---|---|
| Tibouchina *(Tibouchina mutabilis x lepidota)* | Little Beauty | Terence Charles Keogh |

Plant Varieties Journal - Search Result Details

## Almond x Peach clonal rootstock *(Prunus (dulcis x persica) x dulcis)*

| | |
|---|---|
| **Variety:** | 'ALM-21' |
| **Synonym:** | Zeepareil |
| **Application no:** | 2009/129 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 29-May-2009 |
| **Accepted:** | 11-Dec-2009 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Zaiger's Inc. Genetics |
| **Agent:** | Graham's Factree Pty Ltd |
| **Telephone:** | 0399991999 |
| **Fax:** | 0359674645 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Apple *(Malus domestica)*

| | |
|---|---|
| **Variety:** | 'Fugachee Fuji' |
| **Synonym:** | N/A |
| **Application no:** | 2007/257 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 26-Sep-2007 |
| **Accepted:** | 26-Nov-2007 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Brandt's Fruit Trees Inc. |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC) |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Apple *(Malus domestica)*

| | |
|---|---|
| **Variety:** | 'Fuji Supreme' |
| **Synonym:** | CABp Fuji |
| **Application no:** | 2007/307 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 19-Nov-2007 |
| **Accepted:** | 27-Aug-2008 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | CABP4 LIMITED |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC) |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Apple *(Malus domestica)*

| | |
|---|---|
| **Variety:** | 'Burkitt Gala' |
| **Synonym:** | Cherry Gala |
| **Application no:** | 2007/258 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 27-Sep-2007 |
| **Accepted:** | 26-Nov-2007 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | BMA TRUST c/-Dr Mark Burkitt |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC) |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Apricot *(Prunus armeniaca)*

| | |
|---|---|
| **Variety:** | 'River Early' |
| **Synonym:** | N/A |
| **Application no:** | 2010/207 |
| **Current status:** | Accepted |
| **Certificate no:** | N/A |
| **Received:** | 15-Sep-2010 |
| **Accepted:** | 12-May-2011 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | The Minister for Agriculture, Food and Fisheries |
| **Agent:** | N/A |
| **Telephone:** | 0883039616 |
| **Fax:** | 0883039403 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Avocado *(Persea americana)*

| | |
|---|---|
| **Variety:** | 'Merensky 2' |
| **Synonym:** | N/A |
| **Application no:** | 2004/065 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 23-Feb-2004 |
| **Accepted:** | 01-May-2004 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Hans Merensky Holdings Pty Ltd trading as Merensky Technological Services |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company Limited |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Avocado *(Persea americana)*

| | |
|---|---|
| **Variety:** | 'Mendez No. 1' |
| **Synonym:** | N/A |
| **Application no:** | 2005/220 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 28-Jun-2005 |
| **Accepted:** | 25-Jul-2005 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Carlos Mendez Vega |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company Limited |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Avocado *(Persea americana)*

| | |
|---|---|
| **Variety:** | 'Merensky 1' |
| **Synonym:** | N/A |
| **Application no:** | 2005/309 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 23-Sep-2005 |
| **Accepted:** | 23-Feb-2006 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Hans Merensky Holdings Pty Ltd (t/a Westfalia Technological Services) |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company Limited |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Avocado *(Persea americana)*

| | |
|---|---|
| **Variety:** | 'Maluma Hass' |
| **Synonym:** | N/A |
| **Application no:** | 2008/258 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 01-Sep-2008 |
| **Accepted:** | 21-Oct-2008 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | A H Ernst & Seuns (Pty) Ltd t/a Allesbeste Nursery |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC) |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Canola *(Brassica napus)*

| | |
|---|---|
| **Variety:** | 'GT Cobra' |
| **Synonym:** | N/A |
| **Application no:** | 2011/193 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 30-Aug-2011 |
| **Accepted:** | 30-Sep-2011 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Nuseed Pty. Ltd. |
| **Agent:** | N/A |
| **Telephone:** | 0392821000 |
| **Fax:** | 0392821245 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Canola *(Brassica napus)*

| | |
|---|---|
| **Variety:** | 'GT Viper' |
| **Synonym:** | N/A |
| **Application no:** | 2011/196 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 30-Aug-2011 |
| **Accepted:** | 30-Sep-2011 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Nuseed Pty. Ltd. |
| **Agent:** | N/A |
| **Telephone:** | 0392821000 |
| **Fax:** | 0392821245 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Canola *(Brassica napus)*

| | |
|---|---|
| **Variety:** | 'ATR-GEM' |
| **Synonym:** | N/A |
| **Application no:** | 2011/195 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 30-Aug-2011 |
| **Accepted:** | 30-Sep-2011 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Nuseed Pty. Ltd. |
| **Agent:** | N/A |
| **Telephone:** | 0392821000 |
| **Fax:** | 0392821245 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Cordyline *(Cordyline australis)*

| | |
|---|---|
| **Variety:** | 'Cha Cha' |
| **Synonym:** | N/A |
| **Application no:** | 2012/145 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 27-Jul-2012 |
| **Accepted:** | 04-Feb-2013 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Peter Fraser |
| **Agent:** | Touch of Class Plants Pty Ltd |
| **Telephone:** | 0356292443 |
| **Fax:** | 0356292822 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Cordyline *(Cordyline australis)*

| | |
|---|---|
| **Variety:** | 'Can Can' |
| **Synonym:** | N/A |
| **Application no:** | 2012/146 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 27-Jul-2012 |
| **Accepted:** | 04-Feb-2013 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Peter Fraser |
| **Agent:** | Touch of Class Plants Pty Ltd |
| **Telephone:** | 0356292443 |
| **Fax:** | 0356292822 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Flax lily *(Dianella tasmanica)*

| | |
|---|---|
| **Variety:** | 'Silverado' |
| **Synonym:** | N/A |
| **Application no:** | 2011/303 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 14-Dec-2011 |
| **Accepted:** | 04-Sep-2013 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Floraquest Pty Ltd |
| **Agent:** | Touch of Class Plants Pty Ltd |
| **Telephone:** | 0356292443 |
| **Fax:** | 0356292822 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Industrial Hemp *(Cannabis sativa)*

| | |
|---|---|
| **Variety:** | 'Xulan' |
| **Synonym:** | Frog One |
| **Application no:** | 2008/058 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 25-Feb-2008 |
| **Accepted:** | 30-Jul-2008 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Patrick Steven Calabria |
| **Agent:** | N/A |
| **Telephone:** | 0269636360 |
| **Fax:** | 0269636219 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Interspecific Plum *(Prunus hybrid)*

| | |
|---|---|
| **Variety:** | 'Marcia's Flavor' |
| **Synonym:** | N/A |
| **Application no:** | 2009/343 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 14-Dec-2009 |
| **Accepted:** | 22-Jan-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Zaiger's Inc. Genetics |
| **Agent:** | Graham's Factree Pty Ltd |
| **Telephone:** | 0399991999 |
| **Fax:** | 0359674645 |

View the detailed description of this variety.

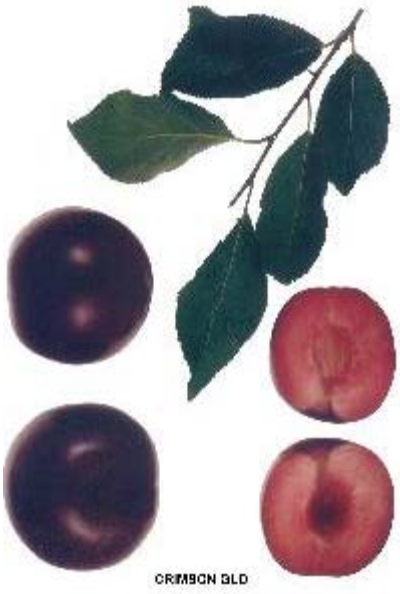
Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Japanese Plum *(Prunus salicina)*

| | |
|---|---|
| **Variety:** | 'Crimson Glo' |
| **Synonym:** | N/A |
| **Application no:** | 2006/355 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 22-Dec-2006 |
| **Accepted:** | 27-Feb-2007 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Zaiger's Inc. Genetics |
| **Agent:** | Graham's Factree Pty Ltd |
| **Telephone:** | 0399991999 |
| **Fax:** | 0359674645 |

View the detailed description of this variety.




Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Japanese Plum *(Prunus salicina)*

| | |
|---|---|
| **Variety:** | 'Rubirosa' |
| **Synonym:** | N/A |
| **Application no:** | 2006/356 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 22-Dec-2006 |
| **Accepted:** | 27-Feb-2007 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Zaiger's Inc. Genetics |
| **Agent:** | Graham's Factree Pty Ltd |
| **Telephone:** | 0399991999 |
| **Fax:** | 0359674645 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Lemon *(Citrus limon)*

| | |
|---|---|
| **Variety:** | 'CPN1' |
| **Synonym:** | N/A |
| **Application no:** | 2002/292 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 30-Sep-2002 |
| **Accepted:** | 04-Nov-2002 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | John Marshall |
| **Agent:** | N/A |
| **Telephone:** | 0359985546 |
| **Fax:** | 0359985586 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Lemon *(Citrus limon)*

| | |
|---|---|
| **Variety:** | 'ASMeyer' |
| **Synonym:** | N/A |
| **Application no:** | 2012/140 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 23-Jul-2012 |
| **Accepted:** | 25-Sep-2013 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Andrew Stark |
| **Agent:** | Touch of Class plants Pty Ltd |
| **Telephone:** | 0356292443 |
| **Fax:** | 0356292822 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Lettuce *(Lactuca sativa)*

| | |
|---|---|
| **Variety:** | 'Auvona' |
| **Synonym:** | N/A |
| **Application no:** | 2011/297 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 07-Dec-2011 |
| **Accepted:** | 05-Jan-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Rijk Zwaan Zaadteelt en Zaadhandel B.V. |
| **Agent:** | Rijk Zwaan Australia Pty Ltd |
| **Telephone:** | 0353489003 |
| **Fax:** | 0353485530 |

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Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Lilly Pilly *(Syzygium australe)*

| | |
|---|---|
| **Variety:** | 'Redlil' |
| **Synonym:** | N/A |
| **Application no:** | 2009/085 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 05-May-2009 |
| **Accepted:** | 28-Sep-2009 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Agbiz Holdings Pty Ltd, Greenhills Propagation Nursery Pty Ltd |
| **Agent:** | Greenhills Propagation Nursery Pty Ltd |
| **Telephone:** | 0356292443 |
| **Fax:** | 0356292822 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Lilly Pilly *(Syzygium australe)*

| | |
|---|---|
| **Variety:** | 'OTC1' |
| **Synonym:** | N/A |
| **Application no:** | 2012/180 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 18-Sep-2012 |
| **Accepted:** | 04-Feb-2013 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Agbiz Holdings Pty Ltd |
| **Agent:** | Touch of Class Plants Pty Ltd |
| **Telephone:** | 0356292443 |
| **Fax:** | 0356292822 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Lucerne *(Medicago sativa)*

| | |
|---|---|
| **Variety:** | 'SuperNova' |
| **Synonym:** | Speeda |
| **Application no:** | 2012/262 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 30-Nov-2012 |
| **Accepted:** | 22-Jan-2013 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Seed Genetics International |
| **Agent:** | N/A |
| **Telephone:** | 0887551144 |
| **Fax:** | 0887551644 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Mandarin *(Citrus clementina x sinensis)*

| | |
|---|---|
| **Variety:** | 'Alkantara' |
| **Synonym:** | N/A |
| **Application no:** | 2007/243 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 20-Sep-2007 |
| **Accepted:** | 28-Nov-2007 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Giuseppe Reforgiato Recupero, Giuseppe Russo & Santo Recupero |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC) |
| **Telephone:** | 0734919929 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Mandarin *(Citrus reticulata x deliciosa)*

| | |
|---|---|
| **Variety:** | 'Mandalate' |
| **Synonym:** | N/A |
| **Application no:** | 2007/244 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 20-Sep-2007 |
| **Accepted:** | 28-Nov-2007 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Giuseppe Reforgiato Recupero, Giuseppe Russo & Santo Recupero |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC) |
| **Telephone:** | 0734919929 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Mexican Lily *(Beschorneria yuccoides)*

| | |
|---|---|
| **Variety:** | 'BESYS' |
| **Synonym:** | Reality |
| **Application no:** | 2011/161 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 12-Jul-2011 |
| **Accepted:** | 06-Dec-2011 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Lifetech Laboratories Ltd |
| **Agent:** | Touch of Class Plants Pty Ltd |
| **Telephone:** | 0356292443 |
| **Fax:** | 0356292822 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Myrobalan x Peach *(Prunus cerasifera x persica)*

| | |
|---|---|
| **Variety:** | 'Kuban 86' |
| **Synonym:** | Krymsk 86 |
| **Application no:** | 2010/109 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 21-May-2010 |
| **Accepted:** | 17-Nov-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Gennady Eremin |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Nanking cherry x Myrobolan plum *(Prunus tomentosa x cerasifera)*

| | |
|---|---|
| **Variety:** | 'VVA-1' |
| **Synonym:** | Krymsk 1 |
| **Application no:** | 2010/112 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 21-May-2010 |
| **Accepted:** | 20-Jul-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Gennady Eremin |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Nectarine *(Prunus persica var nucipersica)*

| | |
|---|---|
| **Variety:** | 'June Sweet' |
| **Synonym:** | N/A |
| **Application no:** | 2012/014 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 16-Jan-2012 |
| **Accepted:** | 17-May-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Lowell G. Bradford |
| **Agent:** | Buchanan's Nursery |
| **Telephone:** | 0746152182 |
| **Fax:** | 0746152183 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Peach *(Prunus persica)*

| | |
|---|---|
| **Variety:** | 'Zaimus' |
| **Synonym:** | Royal Summer |
| **Application no:** | 2010/085 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 27-Apr-2010 |
| **Accepted:** | 25-May-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Zaiger's Inc. Genetics |
| **Agent:** | Graham's Factree Pty Ltd |
| **Telephone:** | 0399991999 |
| **Fax:** | 0359674645 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Peruvian Lily *(Alstroemeria hybrid)*

| | |
|---|---|
| **Variety:** | 'Konpepper' |
| **Synonym:** | N/A |
| **Application no:** | 2012/027 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 06-Feb-2012 |
| **Accepted:** | 29-Aug-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Konst Breeding B.V. |
| **Agent:** | Ball Australia |
| **Telephone:** | 0397985355 |
| **Fax:** | 0397983733 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Peruvian Lily *(Alstroemeria hybrid)*

| | |
|---|---|
| **Variety:** | 'Konglacier' |
| **Synonym:** | N/A |
| **Application no:** | 2011/079 |
| **Current status:** | Accepted |
| **Certificate no:** | N/A |
| **Received:** | 05-May-2011 |
| **Accepted:** | 06-Jun-2011 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Konst Breeding B.V. |
| **Agent:** | Ball Australia |
| **Telephone:** | 0397985355 |
| **Fax:** | 0397983733 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Plum *(Prunus sp)*

| | |
|---|---|
| **Variety:** | 'Plumsweet X' |
| **Synonym:** | N/A |
| **Application no:** | 2012/011 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 16-Jan-2012 |
| **Accepted:** | 16-May-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Lowell G. Bradford |
| **Agent:** | Buchanan's Nursery |
| **Telephone:** | 0746152182 |
| **Fax:** | 0746152183 |

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Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Plum *(Prunus sp)*

| | |
|---|---|
| **Variety:** | 'Blackred VIII' |
| **Synonym:** | N/A |
| **Application no:** | 2012/012 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 16-Jan-2012 |
| **Accepted:** | 09-Aug-2013 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Lowell G. Bradford |
| **Agent:** | Buchanan's Nursery |
| **Telephone:** | 0746152182 |
| **Fax:** | 0746152183 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Potato *(Solanum tuberosum)*

| | |
|---|---|
| **Variety:** | 'FL 2215' |
| **Synonym:** | N/A |
| **Application no:** | 2012/103 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 25-May-2012 |
| **Accepted:** | 25-Jun-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Frito-Lay North America Inc |
| **Agent:** | Pepsico Australia & NZ |
| **Telephone:** | 0299511744 |
| **Fax:** | 0299511998 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Potato *(Solanum tuberosum)*

| | |
|---|---|
| **Variety:** | 'FL 2126' |
| **Synonym:** | N/A |
| **Application no:** | 2012/100 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 25-May-2012 |
| **Accepted:** | 25-Jun-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Frito-Lay North America Inc |
| **Agent:** | Pepsico Australia & NZ |
| **Telephone:** | 0299511744 |
| **Fax:** | 0299511998 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Potato *(Solanum tuberosum)*

| | |
|---|---|
| **Variety:** | 'FL 2204' |
| **Synonym:** | N/A |
| **Application no:** | 2012/102 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 25-May-2012 |
| **Accepted:** | 25-Jun-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Frito-Lay North America Inc |
| **Agent:** | Pepsico Australia & NZ |
| **Telephone:** | 0299511744 |
| **Fax:** | 0299511998 |

View the detailed description of this variety.

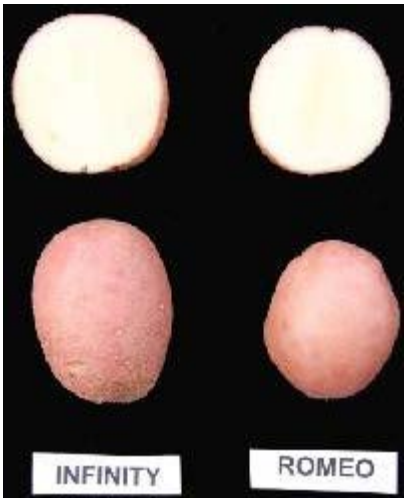
Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Potato *(Solanum tuberosum)*

| | |
|---|---|
| **Variety:** | 'Infinity' |
| **Synonym:** | N/A |
| **Application no:** | 2012/058 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 23-Mar-2012 |
| **Accepted:** | 27-Apr-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Irish Potato Marketing Ltd |
| **Agent:** | Bright Harvest |
| **Telephone:** | 0883809855 |
| **Fax:** | 0883809551 |

View the detailed description of this variety.




Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Potato *(Solanum tuberosum)*

| | |
|---|---|
| **Variety:** | 'Cristina' |
| **Synonym:** | N/A |
| **Application no:** | 2012/057 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 23-Mar-2012 |
| **Accepted:** | 27-Apr-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Irish Potato Marketing Ltd |
| **Agent:** | Bright Harvest |
| **Telephone:** | 0883809855 |
| **Fax:** | 0883809551 |

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Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Prunus - Interspecific Plum *(Prunus cerasus x cerasus x maackii)*

| | |
|---|---|
| **Variety:** | 'LC-52' |
| **Synonym:** | Krymsk 6 |
| **Application no:** | 2010/113 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 21-May-2010 |
| **Accepted:** | 20-Jul-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Gennady Eremin |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Plant Varieties Journal - Search Result Details

## Prunus - Interspecific Plum *(Prunus fruticosa x lannesiana)*

| | |
|---|---|
| **Variety:** | 'VSL 2' |
| **Synonym:** | Krymsk 5 |
| **Application no:** | 2010/110 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 21-May-2010 |
| **Accepted:** | 27-Jul-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Gennady Eremin |
| **Agent:** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd |
| **Telephone:** | 0734919905 |
| **Fax:** | 0734919929 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Prunus - Interspecific Plum *(Prunus hybrid)*

| | |
|---|---|
| **Variety:** | 'Flavor Rouge' |
| **Synonym:** | N/A |
| **Application no:** | 2009/341 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 14-Dec-2009 |
| **Accepted:** | 22-Jan-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Zaiger's Inc. Genetics |
| **Agent:** | Graham's Factree Pty Ltd |
| **Telephone:** | 0399991999 |
| **Fax:** | 0359674645 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Red Boronia *(Boronia heterophylla)*

| | |
|---|---|
| **Variety:** | 'Blue Waves' |
| **Synonym:** | N/A |
| **Application no:** | 2011/082 |
| **Current status:** | Accepted |
| **Certificate no:** | N/A |
| **Received:** | 10-May-2011 |
| **Accepted:** | 27-Jul-2011 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Richard G. Ware |
| **Agent:** | Touch of Class Plants Pty Ltd |
| **Telephone:** | 0356292443 |
| **Fax:** | 0356292822 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Sage *(Salvia hybrid)*

| | |
|---|---|
| **Variety:** | 'SAL 010-1' |
| **Synonym:** | Ember's Wish |
| **Application no:** | 2012/018 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 31-Jan-2012 |
| **Accepted:** | 24-Feb-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Plant Growers Australia Pty Ltd |
| **Agent:** | Plants Management Australia Pty Ltd |
| **Telephone:** | 0362659050 |
| **Fax:** | 0362659919 |

View the detailed description of this variety.

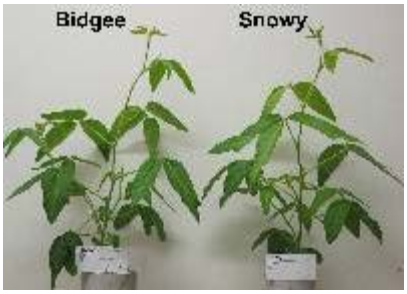
Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Soybean *(Glycine max)*

| | |
|---|---|
| **Variety:** | 'Bidgee' |
| **Synonym:** | N/A |
| **Application no:** | 2012/096 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 11-May-2012 |
| **Accepted:** | 17-Jul-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Commonwealth Scientific and Industrial Research Organisation, NSW Department of Primary Industries, Grains Research and Development Corporation |
| **Agent:** | N/A |
| **Telephone:** | 0262465012 |
| **Fax:** | 0262465062 |

View the detailed description of this variety.




Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Soybean *(Glycine max)*

| | |
|---|---|
| **Variety:** | 'Hayman' |
| **Synonym:** | N/A |
| **Application no:** | 2013/052 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 18-Feb-2013 |
| **Accepted:** | 14-Mar-2013 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | CSIRO, NSW Department of Primary Industries, GRDC |
| **Agent:** | N/A |
| **Telephone:** | 0262465012 |
| **Fax:** | 0262465062 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Soybean *(Glycine max)*

| | |
|---|---|
| **Variety:** | 'Richmond' |
| **Synonym:** | N/A |
| **Application no:** | 2013/053 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 18-Feb-2013 |
| **Accepted:** | 14-Mar-2013 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | CSIRO, NSW Department of Primary Industries, GRDC |
| **Agent:** | N/A |
| **Telephone:** | 0262465012 |
| **Fax:** | 0262465062 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Sweet Cherry *(Prunus avium)*

| | |
|---|---|
| **Variety:** | 'Royal Hazel' |
| **Synonym:** | N/A |
| **Application no:** | 2010/083 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 27-Apr-2010 |
| **Accepted:** | 25-May-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Zaiger's Inc. Genetics |
| **Agent:** | Graham's Factree Pty Ltd |
| **Telephone:** | 0399991999 |
| **Fax:** | 0359674645 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Sweet Cherry *(Prunus avium)*

| | |
|---|---|
| **Variety:** | 'Rosie Rainier' |
| **Synonym:** | N/A |
| **Application no:** | 2010/082 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 27-Apr-2010 |
| **Accepted:** | 01-Jul-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Zaiger's Inc. Genetics |
| **Agent:** | Graham's Factree Pty Ltd |
| **Telephone:** | 0399991999 |
| **Fax:** | 0359674645 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Sweet Cherry *(Prunus avium)*

| | |
|---|---|
| **Variety:** | 'Royal Edie' |
| **Synonym:** | N/A |
| **Application no:** | 2010/081 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 27-Apr-2010 |
| **Accepted:** | 07-Jul-2010 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Zaiger's Inc. Genetics |
| **Agent:** | Graham's Factree Pty Ltd |
| **Telephone:** | 0399991999 |
| **Fax:** | 0359674645 |

View the detailed description of this variety.

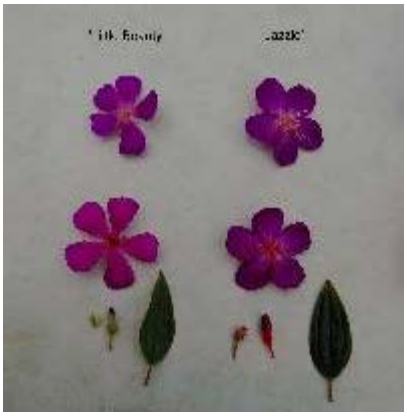
Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Tibouchina *(Tibouchina mutabilis x lepidota)*

| | |
|---|---|
| **Variety:** | 'Little Beauty' |
| **Synonym:** | N/A |
| **Application no:** | 2011/060 |
| **Current status:** | Accepted |
| **Certificate no:** | N/A |
| **Received:** | 08-Apr-2011 |
| **Accepted:** | 20-Jun-2011 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Terence Charles Keogh |
| **Agent:** | Plants Management Australia Pty. Ltd. |
| **Telephone:** | 0362659050 |
| **Fax:** | 0362659919 |

View the detailed description of this variety.



Date of effect: 14-Oct-2013

Plant Varieties Journal - Search Result Details

## Tomato *(Solanum lycopersicum)*

| | |
|---|---|
| **Variety:** | 'ESSENTIAL' |
| **Synonym:** | N/A |
| **Application no:** | 2012/120 |
| **Current status:** | ACCEPTED |
| **Certificate no:** | N/A |
| **Received:** | 28-Jun-2012 |
| **Accepted:** | 24-Aug-2012 |
| **Granted:** | N/A |
| **Description published in Plant Varieties Journal:** | Volume 26, Issue 3 |
| **Title Holder:** | Nunhems B.V. |
| **Agent:** | Shelston IP |
| **Telephone:** | 0297771111 |
| **Fax:** | 0292414666 |

View the detailed description of this variety.

Date of effect: 14-Oct-2013

**Details of Application**

| | |
|---|---|
| **Application Number** | 2009/129 |
| **Variety Name** | 'ALM-21' |
| **Genus Species** | *Prunus (dulcis x persica) x dulcis* |
| **Common Name** | Interspecific almond |
| **Synonym** | Zeepareil |
| **Accepted Date** | 11th December 2009 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, CA, USA |
| **Agent** | Graham's Factree Pty Ltd, Hoddles Creek, VIC |
| **Qualified Person** | Graham Fleming |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | US Patent and Trademarks Office |
| **Overseas Data Reference Number** | PP20295 |
| **Descriptor** | Almond(new) UPOV TG56/4 |
| **Conditions** | Where possible the overseas data was verified growing under local conditions. The US Plant Patent data was converted into standard characteristics for Almond |

**Origin and Breeding**

Controlled pollination : 'All-in-One' x '21G8'. The new and distinct interspecific almond variety was developed by Zaiger's Inc Genetics at their experimental orchard located near Modesto California as a first generation cross between 'All-in-One Almond' as the maternal parent and proprietary almond seedling '21G8' as the pollen parent. A large group of seedlings of these first generation crosses were observed growing on their own roots. After close observation the present variety was selected for asexual propagation and commercialisation based on it's desirable nut and tree characteristics. Breeder: Zaiger's Inc Genetics. The seed parent flowers 8-10 days later and matures 1 week later than the candidate. The pollen parent flowers 10-14 days later than 'ALM-1'.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Tree | habit | upright |
| Leaf | incision of margin | crenate |
| Fruit | pubescence | sparse |
| Stone | shape | ovate |
| Stone | thickness of endocarp | thin |
| Stone | rugosity of surface | weak |

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

| Name | Comments |
|---|---|
| 'All-in-One<br>'Nonpareil' | Parent and a self-pollinating almond<br>It matures approximately 7 days earlier than 'ALM-21' |
| 'Folsom' | It requires approximately 150 chilling hours 50 hours less and is a self-sterile almond. |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Nonpareil' | Maturity | 7 days later | 7 days earlier | |
| 'Folson' | Self-sterility | 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 | 'ALM-21' | 'All-in-One' |
|---|---|---|
| ☑ *Tree: vigour | strong | medium |
| ☐ *Tree: habit | upright | upright |
| ☐ *Leaf blade: length | short to medium | short |
| ☐ *Leaf blade: width | narrow to medium | |
| ☐ *Leaf blade: incisions of margin | crenate | crenate |
| ☐ *Petal: shape | medium elliptic | - |
| ☐ *Petal: colour of inner side | light pink | white |
| ☐ Petal: undulation of margin | absent or very weak | - |
| ☐ Flower: number of stamens | many | - |
| ☐ *Stigma: position in relation to anthers | same level | - |
| ☑ *Fruit: size | large | medium |
| ☐ *Fruit: shape (in lateral view) | elliptic | - |
| ☐ *Fruit: pubescence | sparse | sparse |
| ☐ *Stone: length | long | - |
| ☐ *Stone: width (in lateral view) | broad | - |
| ☐ *Stone: ratio length/width in lateral view | elongated | compressed |
| ☐ *Stone: shape (in lateral view) | ovate | ovate |
| ☐ *Stone: thickness of endocarp | thin | thin |
| ☐ *Stone: resistance to cracking | weak | - |
| ☐ *Kernel: size | large | - |
| ☐ *Kernel: intensity of brown color | medium | light |
| ☐ *Kernel: rugosity of surface | weak | weak |

| | | | |
|---|---|---|---|
| ☑ | *Time of: beginning of flowering | very early | early |
| ☑ | *Time of: harvest | very early | early |

## Characteristics Additional to the Descriptor/TG

### Organ/Plant Part: Context

| | | | |
|---|---|---|---|
| ☑ | *Fruit: No. of doubles | low | medium |

## Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2008 | Granted | 'ALM-21' |

Description: **Rebecca Fleming,** Hoddles Creek, VIC.

| **Details of Application** | |
|---|---|
| **Application Number** | 2007/257 |
| **Variety Name** | 'Fugachee Fuji' |
| **Genus Species** | *Malus domestica* |
| **Common Name** | Apple |
| **Synonym** | Nil |
| **Accepted Date** | 26 Nov 2007 |
| **Applicant** | Brandt's Fruit Trees Inc., Washington, USA |
| **Agent** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd., Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | United States Patent and Trade Marks Office (USPTO) |
| **Overseas Data Reference Number** | PP16270 |
| **Location** | Kallangur, QLD |
| **Descriptor** | AppleTG 14/9 |
| **Period** | 2011-2012 |
| **Conditions** | US patent specification data verified under Australian conditions. |
| **Measurements** | As according UPOV test guideline |

**Origin and Breeding**

Spontaneous mutation: The 'Fugachee Fuji' apple tree was discovered as a sport mutation of its parent 'Fuji' (unpatented) tree in a cultivated orchard near Brewster, Washington, USA in 1998. 'Fugachee Fuji' was asexually propagated by budding at the same location in 1998, and has been observed to remain stable and true to type over successive generations. Trees were planted of 'Fugachee Fuji' in 2002 in Brewster, WA, USA. Observations were made during the 2003 and 2004 fruiting seasons. Breeder: Ira Clevenger.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Tree | type | ramified |
| Tree | habit (varieties with ramified tree type only) | spreading |
| Fruit | general shape | globose |
| Fruit | relative area of over colour | large |
| Fruit | pattern of over colour | only solid flush |
| Time of | beginning of flowering | early |

| **Most Similar Varieties of Common Knowledge identified (VCK)** | |
|---|---|
| **Name** | **Comments** |
| 'Fiero' | |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Nagafu 2' | Fruit | pattern of over colour | only solid flush | solid flush with weakly defined stripes | |
| 'Fuji' | Fruit | Time of maturity for consumption | very early | 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 | 'Fugachee Fuji' | 'Fiero' |
|---|---|---|
| ☑ Tree: vigour | strong | medium |
| ☐ *Tree: type | ramified | ramified |
| ☐ *Tree: habit (varieties with ramified tree type only) | spreading | spreading |
| ☐ Tree: type of bearing | on spurs and long shoots | on spurs and long shoots |
| ☐ One-year-old shoot: thickness | thin to medium | thin to medium |
| ☐ *One-year-old shoot: length of internode | medium | medium |
| ☐ One-year-old shoot: pubescence | weak to medium | medium |
| ☐ *One-year-old shoot: number of lenticels | medium | few to medium |
| ☐ *Leaf blade: attitude in relation to shoot | outwards | outwards |
| ☐ *Leaf blade: length | medium | short to medium |
| ☐ *Leaf blade: width | medium | medium |
| ☐ *Leaf blade: ratio length/width | medium | medium |
| ☐ Leaf blade: incisions of margin | serrate type 1 | serrate type 1 |
| ☐ *Petiole: length | short to medium | short |
| ☐ *Flower: predominant colour at balloon stage | dark red | purple |
| ☐ *Flower: diameter with petals pressed into horizontal position | medium | medium |
| ☐ *Flower: arrangement of petals | intermediate | free |
| ☐ *Fruit: size | medium | medium to large |
| ☑ *Fruit: ratio height/diameter | medium | small |
| ☐ *Fruit: general shape | globose | globose |

| | | |
|---|---|---|
| Fruit: ribbing | absent or weak | absent or weak |
| Fruit: crowning at calyx end | absent or weak | absent or weak |
| *Fruit: size of eye | small to medium | small |
| Fruit: length of sepal | medium | medium |
| *Fruit: bloom of skin | moderate | strong |
| Fruit: greasiness of skin | absent or weak | absent or weak |
| *Fruit: ground colour | yellow green | yellow green |
| *Fruit: relative area of over colour | large | large |
| *Fruit: hue of over colour-with bloom removed | red | pink red |
| *Fruit: intensity of over colour | medium | light to medium |
| *Fruit: pattern of over colour | only solid flush | only solid flush |
| *Fruit: area of russet around stalk attachment | absent or small | absent or small |
| Fruit: area of russet on cheeks | absent or small | absent or small |
| *Fruit: area of russet around eye basin | absent or small | absent or small |
| Fruit: number of lenticels | few | few |
| Fruit: size of lenticels | small | small |
| *Fruit: length of stalk | short to medium | short to medium |
| *Fruit: thickness of stalk | medium | medium |
| *Fruit: depth of stalk cavity | shallow to medium | shallow to medium |
| *Fruit: width of stalk cavity | medium | medium |
| *Fruit: depth of eye basin | shallow to medium | medium |
| *Fruit: width of eye basin | medium | medium |
| *Fruit: firmness of flesh | firm | medium to firm |
| *Fruit: colour of flesh | white | cream |
| *Fruit: aperture of locules | closed or slightly open | moderately open |
| *Time of: beginning of flowering | early | early |
| Time for: harvest | very early | early |
| *Time of: eating maturity | very early | early |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2003 | Granted | ‘Fugachee Fuji’ |
| NZ | 2007 | Applied | ‘Fugachee Fuji’ |

South Africa 2007 Applied ‘Fugachee Fuji’

First sold in the USA in November 2001.

Description: **Dr Gavin Porter,** Kallangur, QLD**.**

| **Details of Application** | |
|---|---|
| **Application Number** | 2007/307 |
| **Variety Name** | 'Fuji Supreme' |
| **Genus Species** | *Malus domestica* |
| **Common Name** | Apple |
| **Synonym** | 'CABp Fuji' |
| **Accepted Date** | 27 Aug 2008 |
| **Applicant** | CABP4 LIMITED, Hawkes Bay, NZ |
| **Agent** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC), Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | United States Patent and Trade Marks Office (USPTO) |
| **Overseas Data Reference Number** | PP17914 |
| **Location** | Kallangur, QLD |
| **Descriptor** | Apple TG14/9 |
| **Period** | 2010-2012 |
| **Conditions** | US patent specification data verified under Australian conditions. |
| **Measurements** | As according UPOV test guideline. |

**Origin and Breeding**

Spontaneous mutation:The new variety originated as a limb sport mutation of a 'Nagafu 6' (unpatented) Fuji apple tree. It was discovered in 1994 in a cultivated orchard at Totara Grove Orchard, New Zealand. A selection of graft-wood was grafted to selected stock with other selections for trial in 1995. 'Fuji Supreme' was evaluated over the course of 5-6 growing seasons and was notable for its distinctive, large, attractive fruit, having a pronounced stripe and superior colour as compared to 'Nagafu 6' and other known Fuji varieties.

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

| **Organ/Plant Part** | **Context** | **State of Expression in Group of Varieties** |
|---|---|---|
| Tree | type | ramified |
| Tree | habit (varieties with ramified tree type only) | spreading |
| Fruit | general shape | globose |
| Fruit | hue of over colour - with bloom removed | red |
| Fruit | pattern of over colour | solid flush with strongly defined stripes |

| **Most Similar Varieties of Common Knowledge identified (VCK)** | |
|---|---|
| **Name** | **Comments** |
| 'Brak' | |

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

| **Variety** | **Distinguishing Characteristics** | | **State of Expression in Candidate Variety** | **State of Expression in Comparator Variety** | **Comments** |
|---|---|---|---|---|---|
| 'Nagafu 2' | Fruit | pattern of over colour | solid flush with strongly defined stripes | solid flush with weakly defined stripes | |
| 'Nagafu 2' | Fruit | hue of over colour- with bloom removed | red | purple red | |
| 'Nagafu 2' | Fruit | relative area of over colour | very large | large | |

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

| **Organ/Plant Part: Context** | **'Fuji Supreme'** | **'Brak'** |
|---|---|---|
| ☑ Tree: vigour | weak | medium |
| ☐ *Tree: type | ramified | ramified |
| ☐ *Tree: habit (varieties with ramified tree type only) | spreading | spreading |
| ☐ Tree: type of bearing | on spurs and long shoots | on spurs and long shoots |
| ☑ One-year-old shoot: thickness | medium | thick |
| ☐ *One-year-old shoot: length of internode | medium | medium |
| ☑ One-year-old shoot: colour on sunny side | medium brown | reddish brown |
| ☐ One-year-old shoot: pubescence | medium | medium |
| ☐ *One-year-old shoot: number of lenticels | few to medium | medium |
| ☐ *Leaf blade: attitude in relation to shoot | upwards | outwards |
| ☐ *Leaf blade: length | medium | medium |
| ☐ *Leaf blade: width | medium | medium |
| ☐ *Leaf blade: ratio length/width | small to medium | medium |
| ☐ Leaf blade: intensity of green colour | medium to dark | dark |
| ☑ Leaf blade: incisions of margin | crenate | serrate type 2 |
| ☐ Leaf blade: pubescence on lower side | medium | medium |
| ☑ *Petiole: length | medium | long |
| ☐ Petiole: extent of anthocyanin colouration from base | small | small to medium |
| ☐ *Flower: predominant colour at balloon stage | light pink | light pink |
| ☐ *Flower: diameter with petals pressed into horizontal position | medium | medium |
| ☐ *Flower: arrangement of petals | intermediate | intermediate |

| | | |
|---|---|---|
| Flower: position of stigmas relative to anthers | above | above |
| Young fruit: extent of anthocyanin over colour | medium | medium |
| *Fruit: size | large | medium to large |
| *Fruit: height | short to medium | medium |
| *Fruit: diameter | small to medium | large |
| *Fruit: ratio height/diameter | small | large |
| *Fruit: general shape | globose | globose |
| Fruit: crowning at calyx end | absent or weak | absent or weak |
| *Fruit: size of eye | small | small |
| Fruit: length of sepal | short to medium | short to medium |
| *Fruit: bloom of skin | absent or weak | moderate |
| Fruit: greasiness of skin | absent or weak | moderate |
| *Fruit: ground colour | whitish green | yellow green |
| *Fruit: relative area of over colour | very large | large |
| *Fruit: hue of over colour - with bloom removed | red | red |
| *Fruit: intensity of over colour | medium | medium |
| *Fruit: pattern of over colour | solid flush with strongly defined stripes | solid flush with strongly defined stripes |
| *Fruit: width of stripes | medium | medium |
| *Fruit: area of russet around stalk attachment | absent or small | absent or small |
| Fruit: area of russet on cheeks | absent or small | absent or small |
| *Fruit: area of russet around eye basin | absent or small | absent or small |
| Fruit: number of lenticels | few to medium | medium |
| Fruit: size of lenticels | medium to large | small |
| *Fruit: length of stalk | long | medium |
| *Fruit: thickness of stalk | medium | medium |
| *Fruit: depth of stalk cavity | medium | medium |
| *Fruit: width of stalk cavity | medium | medium |
| *Fruit: depth of eye basin | medium to deep | medium |
| *Fruit: width of eye basin | medium to broad | broad |
| *Fruit: firmness of flesh | medium | medium to firm |
| *Fruit: colour of flesh | white | cream |
| *Fruit: aperture of locules | fully open | closed or slightly open |
| *Time of: beginning of flowering | medium to late | medium |
| Time for: harvest | medium to late | late |
| *Time of: eating maturity | medium to late | late to very late |

## Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| NZ | 1997 | Granted | ‘Fuji Supreme’ |
| QZ | 2007 | Applied | ‘Fuji Supreme’ |
| USA | 2004 | Granted | ‘CABp Fuji’ |

First sold in the NZ in September 2004.

Description: **Dr Gavin Porter,** Kallangur, QLD**.**

| **Details of Application** | |
|---|---|
| **Application Number** | 2007/258 |
| **Variety Name** | 'Burkitt Gala' |
| **Genus Species** | *Malus domestica* |
| **Common Name** | Apple |
| **Synonym** | 'Cherry Gala' |
| **Accepted Date** | 26 Nov 2007 |
| **Applicant** | BMA TRUST c/-Dr Mark Burkitt, Napier, NZ |
| **Agent** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC), Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | United States Patent and Trade Marks Office (USPTO) |
| **Overseas Data Reference Number** | PP17013 |
| **Location** | Kallangur, QLD |
| **Descriptor** | Apple TG 14/9 |
| **Period** | 2011-2012 |
| **Conditions** | Patent specification data verified under Australian conditions. |
| **Trial Design** | |
| **Measurements** | As according UPOV test guideline. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Spontaneous mutation: This is a Sport or natural mutation of standard 'Royal Gala' discovered in 1992, on an orchard at Napier, New Zealand. The first generation trees were planted in 1998, with the 2nd Generation trees planted in 1999, and a Plant Variety Right was granted in NZ on 30-07-2003, (No. 2044 ) The variety was a high coloured sport of Royal Gala, and was assessed as being significantly different from other similar varieties, 'Annaglo', ' Brookfield' and 'Galaxy'. Breeder: Dr Mark Burkittl

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

| **Organ/Plant Part** | **Context** | **State of Expression in Group of Varieties** |
|---|---|---|
| Tree | type | ramified |
| Fruit | general shape | globose |
| Fruit | hue of over colour - with bloom removed | red |

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

| **Name** | **Comments** |
|---|---|
| 'Galaxy Gala' | |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Brookfield Gala' | Fruit | over colour | cherry red | right red with flecks of ground colour overlain by bold dark red striping | |
| 'Royal Gala' | Fruit | relative area of over colour | large to very large | medium to large | parent |

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

| Organ/Plant Part: Context | 'Burkitt Gala' | 'Galaxy Gala' |
|---|---|---|
| ☐ Tree: vigour | medium | medium |
| ☐ *Tree: type | ramified | ramified |
| ☐ *Tree: habit (varieties with ramified tree type only) | upright | spreading |
| ☐ Tree: type of bearing | on spurs and long shoots | on spurs and long shoots |
| ☐ One-year-old shoot: thickness | thin to medium | medium |
| ☑ *One-year-old shoot: length of internode | short | medium |
| ☐ One-year-old shoot: colour on sunny side | medium brown | not recorded |
| ☑ One-year-old shoot: pubescence | strong | medium |
| ☐ *One-year-old shoot: number of lenticels | medium | medium |
| ☐ *Leaf blade: attitude in relation to shoot | outwards | upwards |
| ☐ *Leaf blade: length | medium | medium |
| ☐ *Leaf blade: width | narrow to medium | medium |
| ☑ *Leaf blade: ratio length/width | large | medium |
| ☐ Leaf blade: intensity of green colour | medium | medium |
| ☐ Leaf blade: incisions of margin | serrate type 2 | serrate type 1 |
| ☐ Leaf blade: pubescence on lower side | medium | medium |
| ☐ *Petiole: length | medium | medium |
| ☑ Petiole: extent of anthocyanin colouration from base | medium | very small to small |
| ☐ *Flower: predominant colour at balloon stage | light pink | light pink |
| ☐ *Flower: diameter with petals pressed into horizontal position | medium | medium |

| | | |
|---|---|---|
| *Flower: arrangement of petals | free | free |
| Flower: position of stigmas relative to anthers | same level | same level |
| *Fruit: size | small to medium | small to medium |
| *Fruit: height | short to medium | medium |
| *Fruit: diameter | medium | medium |
| *Fruit: ratio height/diameter | small to medium | medium |
| *Fruit: general shape | globose | globose |
| Fruit: ribbing | absent or weak | absent or weak |
| Fruit: crowning at calyx end | moderate | moderate |
| *Fruit: size of eye | small | small |
| Fruit: length of sepal | medium | medium |
| *Fruit: bloom of skin | absent or weak | absent or weak |
| Fruit: greasiness of skin | absent or weak | absent or weak |
| *Fruit: ground colour | whitish yellow | yellow |
| *Fruit: relative area of over colour | large to very large | very large |
| *Fruit: hue of over colour- with bloom removed | red | red |
| *Fruit: intensity of over colour | medium | very dark |
| *Fruit: pattern of over colour | solid flush with weakly defined stripes | only solid flush |
| *Fruit: width of stripes | narrow to medium | - |
| *Fruit: area of russet around stalk attachment | absent or small | absent or small |
| Fruit: area of russet on cheeks | absent or small | absent or small |
| *Fruit: area of russet around eye basin | absent or small | absent or small |
| Fruit: number of lenticels | few | few |
| Fruit: size of lenticels | medium to large | medium |
| *Fruit: length of stalk | medium | long |
| *Fruit: thickness of stalk | thin to medium | medium |
| *Fruit: depth of stalk cavity | medium | deep |
| *Fruit: width of stalk cavity | narrow to medium | medium |
| *Fruit: depth of eye basin | medium | medium |
| *Fruit: width of eye basin | medium | medium |
| *Fruit: firmness of flesh | medium | medium |

| | | |
|---|---|---|
| *Fruit: colour of flesh | white | white |
| *Fruit: aperture of locules | closed or slightly open | closed or slightly open |
| *Time of: beginning of flowering | early | early to medium |
| Time for: harvest | early | early to medium |
| *Time of: eating maturity | early | early |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2004 | Granted | 'Burkitt Gala' |
| NZ | 2000 | Granted | 'Burkitt Gala' |
| QZ | 2001 | Applied | 'Burkitt Gala' |

First sold in the NZ in September 2004.

Description: **Dr Gavin Porter,** Kallangur, QLD**.**

| **Details of Application** | |
|---|---|
| **Application Number** | 2010/207 |
| **Variety Name** | River Early |
| **Genus Species** | *Prunus armeniaca* |
| **Common Name** | Apricot |
| **Synonym** | Nil |
| **Accepted Date** | 12 May 2011 |
| **Applicant** | The Minister for Agriculture, Food and Fisheries, Adelaide, SA |
| **Agent** | N/A |
| **Qualified Person** | Darren Graetz |
| | |
| **Details of Comparative Trial** | |
| **Location** | Loxton Research Centre, Loxton, South Australia, Longitude 140° 39.8′E, Latitude 34° 28.6′S |
| **Descriptor** | UPOV TG/70/4 |
| **Period** | 2004 to 2013 |
| **Conditions** | The conditions under which the comparative trial is grown are standard commercial horticultural growing conditions for Apricots in the Riverland of South Australia. Eight plants of the candidate and each comparator have been grown since 2004 on the rootstock, Myrobalan H29C. Trees have been trained to a free standing-V form with 2.5m between trees within a row and 5m between rows. Pruning occurs annually in late summer. Irrigation is supplied regularly and as required by microjet under tree sprinklers. Complete fertiliser applications occur twice a year in early spring and late summer, to meet tree needs. All trees appear healthy and unstressed |
| **Trial Design** | The candidate 'River Early' and two comparators 'Riverbrite' and 'Moorpark' were grown as blocks of 8 trees in rows. Trees are 2.5m apart within rows with 5m between rows. Tree size is uniform. |
| **Measurements** | Quantitative measurements are made on seven individual fruit taken from each of five individual trees of each candidate and comparator varieties. The following measurements were taken: Fruit weight (g)- using digital scales; Fruit lateral width(mm), Fruit height (mm), Fruit ventral width(mm) - using digital Vernier caliper; Fruit firmness (kg force) - using penetrometer (9mm tip, skin intact at room temperature 20°C, a measurement is taken from the centre of each cheek and averaged for the fruit); fruit Total Soluble Solids (TSS) (Degrees Brix)- using digital refractometer; Stone weight(g)- using digital scales. |
| **RHS Chart - edition** | N/A |
| | |

**Origin and Breeding**

Controlled pollination: 'River Early' is the result of a controlled pollination. It is an F1 progeny of the seed parent, "breeding line 4406"(an open pollinated progeny of the apricot

variety ‘Tomcot’) and the pollen parent, ‘Watkins’ (an open pollinated seedling of unknown local origin). The controlled pollination involved the emasculation of flowers prior to bloom and the addition of stored dried pollen. The resultant seed was collected in 1997, nursery germinated in July 1998 and planted as a seedling into a high-density assessment block in July 1999. Fruit characteristics were observed on the original seedling for 5 years since December 2002. The line has been propagated asexually by grafting to plum rootstocks on many occasions since. Fruit has been observed and evaluated on grafted trees since December 2006. Fruit on grafted trees is not discernibly different from that of the parent seedling tree, indicating the stability of the line. Breeder: D. Graetz and F. Gathercole, South Australian Research and Development Institute, Adelaide, 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 |
|---|---|---|
| Leaf blade | length | medium |
| Leaf blade | width | medium |
| Leaf blade | length of tip | medium |
| Leaf blade | profile in cross section | moderately concave |
| Petiole | length | medium |
| Petiole | thickness | medium |
| Petiole | anthocyanin colouration of upper side | medium |
| Petiole | size of nectaries | medium |
| Flower | diameter | medium |
| Flower | position of stigma relative to anthers | above |
| Petal | shape | circular |
| Petal | colour on lower side | light pink |

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

| Name | Comments |
|---|---|
| ‘Riverbrite’ | |
| ‘Moorpark' | |
| | |

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

| Organ/Plant Part: Context | ‘River Early’ | ‘Moorpark’ | ‘Riverbrite’ |
|---|---|---|---|
| ☐ Tree: vigour | strong | medium | strong |
| ☐ Tree: habit | upright to spreading | spreading | upright to spreading |
| ☐ Tree: degree of branching | medium | medium | medium |
| ☐ *Tree: distribution of flower buds | equally on spurs and on one-year old shoots | equally on spurs and on one-year old shoots | predominantly on spurs |
| ☐ *Young shoot: anthocyanin colouration | medium | medium | medium |

| | | | |
|---|---|---|---|
| of apex | | | |
| ☐ One-year-old shoot: colour on sunny side | red brown | purple brown | red brown |
| ☐ One-year old shoot: size of bud support | small | medium | medium |
| ☐ Leaf blade: length | medium | medium | medium |
| ☐ Leaf blade: width | medium | medium | medium |
| ☐ Leaf blade: ratio length/width | medium | medium | medium |
| ☐ Leaf blade: intensity of green colour of upper side | medium | dark | medium |
| ☐ Leaf blade: shape of base | truncate | cordate | truncate |
| ☑ Leaf blade: angle of apex (excluding tip) | strongly obtuse | right-angled | right-angled |
| ☐ Leaf blade: length of tip | medium | medium | medium |
| ☐ Leaf blade: incisions of margin | bicrenate | bicrenate | bicrenate |
| ☐ Leaf blade: undulation of margin | weak | medium | weak |
| ☐ Leaf blade: profile in cross section | moderately concave | moderately concave | moderately concave |
| ☐ *Petiole: length | medium | medium | medium |
| ☐ Leaf: ratio length of blade/length of petiole | small | small | small |
| ☐ Petiole: thickness | medium | medium | medium |
| ☐ Petiole: anthocyanin colouration of upper side | medium | medium | medium |
| ☐ *Petiole: predominant number of nectaries | more than three | more than three | two or three |
| ☐ Petiole: size of nectaries | medium | medium | medium |
| ☐ *Flower: diameter | medium | medium | medium |
| ☐ Flower: position of stigma relative to anthers | above | above | above |
| ☐ Petal: shape (excluding claw) | circular | circular | circular |
| ☐ Petal: colour on lower side | light pink | light pink | light pink |
| ☐ *Fruit: size | large | large | very large |
| ☑ Fruit: shape in lateral view | circular | circular | oblong |
| ☐ Fruit: shape in ventral view | oblong | oblong | oblong |
| ☐ Fruit: height | medium | medium | tall |
| ☐ Fruit: lateral width | broad | broad | medium |
| ☐ Fruit: ventral width | medium | medium | medium |
| ☐ Fruit: ratio height/ventral width | medium | medium | large |
| ☐ Fruit: ratio lateral width/ventral width | large | large | medium |
| ☐ Fruit: symmetry in ventral view | symmetric | slightly asymmetric | slightly asymmetric |
| ☐ *Fruit: suture | slightly sunken | slightly sunken | slightly sunken |

| | | | |
|---|---|---|---|
| ☐ *Fruit: depth of stalk cavity | medium | shallow | deep |
| ☐ *Fruit: shape of apex | truncate | truncate | truncate |
| ☐ Fruit: presence of mucron | absent | absent | absent |
| ☐ Fruit: surface | smooth | smooth | bumpy |
| ☐ Fruit: pubescence | present | present | present |
| ☐ *Fruit: ground colour | light orange | medium orange | light orange |
| ☐ *Fruit: relative area of over colour | small | small | medium |
| ☐ Fruit: hue of over colour | pink | red | pink |
| ☐ Fruit: intensity of over colour | light | light | medium |
| ☐ Fruit: pattern of over colour | isolated flecks (spots) | isolated flecks (spots) | solid flush |
| ☐ *Fruit: colour of flesh | medium orange | medium orange | light orange |
| ☐ Fruit: texture of flesh | medium | medium | coarse |
| ☑ Fruit: firmness of flesh | firm | soft | firm |
| ☐ Fruit: ratio weight of fruit/weight of stone | large | large | large |
| ☐ *Fruit: adherence of stone to flesh | absent or very weak | absent or very weak | absent or very weak |
| ☑ *Stone: shape in lateral view | ovate | circular | elliptic |
| ☐ Kernel: bitterness | strong | medium | strong |
| ☑ *Time of: beginning of flowering | early | medium | early |
| ☑ *Time of: beginning of fruit ripening | early | medium | early |

| **Characteristics Additional to the Descriptor/TG** | | | |
|---|---|---|---|
| **Organ/Plant Part: Context** | **'River Early'** | **'Moorpark'** | **'Riverbrite'** |
| ☐ Fruit: rain cracking susceptibility | slightly susceptible | moderately susceptible | slightly susceptible |

**Statistical Table**

| Organ/Plant Part: Context | 'River Early' | 'Moorpark' | 'Riverbrite' |
|---|---|---|---|
| ☐ Fruit: height (mm) | | | |
| Mean | 47.90 | 46.48 | 50.66 |
| Std. Deviation | 2.81 | 1.81 | 8.29 |
| LSD/sig | 2.98 | ns | ns |
| ☑ Fruit: weight (g) | | | |
| Mean | 69.64 | 57.21 | 73.45 |
| Std. Deviation | 11.36 | 5.98 | 10.18 |
| LSD/sig | 2.98 | P≤0.01 | P≤0.01 |
| ☑ Fruit: lateral width (mm) | | | |
| Mean | 51.02 | 48.53 | 48.89 |
| Std. Deviation | 2.65 | 1.82 | 2.84 |
| LSD/sig | 1.47 | P≤0.01 | P≤0.01 |
| ☑ Fruit: ventral width (mm) | | | |
| Mean | 48.17 | 45.74 | 47.07 |
| Std. Deviation | 3.17 | 1.80 | 2.75 |
| LSD/sig | 1.57 | P≤0.01 | ns |
| ☐ Fruit: firmness (kg force) | | | |
| Mean | 1.29 | 2.05 | 1.22 |
| Std. Deviation | 0.52 | 0.63 | 0.24 |
| LSD/sig | 0.28 | P≤0.01 | ns |
| ☑ Fruit: Total Soluble Solids (°Brix) | | | |
| Mean | 17.45 | 15.30 | 15.60 |
| Std. Deviation | 1.47 | 1.30 | 1.26 |
| LSD/sig | 0.74 | P≤0.01 | P≤0.01 |
| ☑ Fruit: stone weight (g) | | | |
| Mean | 3.08 | 3.54 | 3.68 |
| Std. Deviation | 0.28 | 0.25 | 0.32 |
| LSD/sig | 0.16 | P≤0.01 | P≤0.01 |
| ☑ Fruit: ratio weight of fruit/weight of stone | | | |
| Mean | 22.57 | 16.20 | 19.96 |
| Std. Deviation | 2.75 | 1.42 | 1.94 |
| LSD/sig | 1.28 | P≤0.01 | P≤0.01 |

## Prior Applications and Sales

Nil.

Description: **Darren Graetz,** South Australian Research and Development Institute (SARDI), Adelaide, SA.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2004/065 |
| **Variety Name** | 'Merensky 2' |
| **Genus Species** | *Persea americana* |
| **Common Name** | Avocado rootsotck |
| **Synonym** | |
| **Accepted Date** | 1st May-2004 |
| **Applicant** | Hans Merensky Holdings Pty Ltd trading as Westfalia Technological Services, Duiwelskloof, Republic of South Africa. |
| **Agent** | Australian Nurserymen's Fruit Improvement Company Limited, Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Agricultural Research Council, Republic of South Africa |
| **Overseas Data Reference Number** | ZA 20012536 |
| **Location** | Tzaneen, Westfalia Estate, Duiwelskloof, Republic of South Africa |
| **Descriptor** | Avocado, UPV TG/97/4 |
| **Period** | 1998-2001 |

**Origin and Breeding**

Seedling selection: 'Edranol'. Thousands of Edranol seedlings have been germinated and grown under high root rot disease pressure in a controlled situation. Seedlings that survive are then clonally propagated for further evaluation as a potential new root rot tolerant rootstock. In the late 1970?s and early 1980's, several mature and extraordinarily healthy and productive 'Fuerte' avocado varieties grafted on to unidentified seedling rootstocks were observed and monitored over a few years in heavily infested Phytophthora root rot soils at Westfalia Estate, Duiwelskloof, South Africa. The 'Fuerte' scion variety was removed to induce vegetative growth of the potentially superior seedling rootstocks. This procedure was successful as the rootstock trees selected were very different from each other and other known avocado varieties. One of these recovered rootstocks later became known as 'Merensky2' and trademarked as 'Dusa'. From 1988 'Merensky' Technological Services intensified the rootstock testing project which included Dusa, to quantify Phytophthora resistance in experimental plantings. Clonal propagation techniques were used in propagation. The new rootstock variety differs from Edranol seedling in having a spreading tree with medium sized vigour with very thin fruit skin and having strong resistance to root rot caused by *Phytophthora cinnamomi.*

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | type | rootstock |
| Young shoot | colour of lenticels | purple |
| Inflorescence | flowering type | type B |
| Mature fruit | length | medium |
| Mature fruit | diameter | medium |
| Seed | shape in cross section | circular |
| Seed | multiple sprouting | absent |

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

| Name | Comments |
|---|---|
| 'Merensky 1' | sister line |
| 'Duke 7' | well known rootstock 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 | 'Merensky' 2 | 'Duke 7' | 'Merensky' 1' |
|---|---|---|---|
| ☑ *Tree: growth habit | spreading | upright | spreading |
| ☐ *Young shoot: colour | green | green | reddish |
| ☐ Young shoot: colour of lenticels | purple | purple | purple |
| ☐ Young leaf: colour of pubescence of petiole | yellow | yellow | - |
| ☐ Shoot: length of internode | intermediate | intermediate | |
| ☑ Leaf: attitude relative to shoot | upwards | outwards | upwards |
| ☑ Leaf blade: length | long | short to medium | medium |
| ☑ Leaf blade: width | medium to broad | very narrow | medium |
| ☑ Leaf blade: ratio length/width | medium to large | small to medium | medium |
| ☑ Leaf blade: shape | lanceolate | elliptic | lanceolate |
| ☐ Leaf blade: shape of apex | acuminate | acuminate | acuminate |
| ☑ Leaf blade: twisting of apex | absent | present | |
| ☐ Leaf blade: undulation of margin | weak | absent or very weak | weak to medium |
| ☑ Leaf blade: relief of venation on upper surface | raised | level | raised |

| | | | |
|---|---|---|---|
| ☐ Leaf blade: number of secondary veins | intermediate | intermediate | intermediate |
| ☑ Leaf blade: density of pubescence on lower surface | medium | dense | absent or sparse |
| ☐ *Leaf blade: anise aroma | medium | medium | - |
| ☐ Petiole: length | medium | medium | - |
| ☐ Inflorescence: length of axis | medium | medium | short |
| ☐ Inflorescence: colour of lenticels | green | green | red |
| ☐ Inflorescence: flowering type | type B | type B | type B |
| ☐ Flower: nectary | sessile | sessile | - |
| ☐ Flower: style | straight | straight | - |
| ☐ Flower: pollen | present | present | - |
| ☑ Sepal: pubescence of inner surface | absent | present | - |
| ☑ Sepal: density of pubescence of inner surface | very sparse | dense | - |
| ☐ *Mature fruit: length | medium | medium | medium |
| ☐ *Mature fruit: diameter | medium | medium | medium |
| ☐ *Mature fruit: ratio length/diameter | medium | medium | medium |
| ☐ Mature fruit: shape of stalk end | pointed | pointed | narrowly rounded |
| ☐ Mature fruit: presence of neck | absent | absent | present |
| ☐ Mature fruit: presence of depression at stalk end | present | present | present |
| ☐ Mature fruit: diameter of stalk attachment | medium | medium | - |
| ☑ Mature fruit: position of stalk | strongly oblique | slightly oblique | slightly oblique |
| ☑ Mature fruit: shape at stylar region | slightly depressed | deeply depressed | slightly depressed |
| ☐ Mature fruit: conspicuousness of lenticels | medium | medium | medium |
| ☐ Mature fruit: size of lenticels | medium | medium | small to medium |
| ☐ Mature fruit: colour of lenticels | yellow | yellow | light green |
| ☑ Mature fruit: glossiness | medium | strong | medium |
| ☐ *Mature fruit: surface | very smooth | very smooth | rough |
| ☐ Pedicel: thickness compared to peduncle | thicker | thicker | thicker |
| ☐ *Pedicel: length | medium | medium | short |

| | | | | |
|---|---|---|---|---|
| ☐ | *Pedicel: shape | cylindrical | cylindrical | cylindrical |
| ☐ | *Pedicel: nailhead | absent | absent | absent |
| ☐ | Pedicel: colour | yellow green | yellow | yellow green |
| ☑ | Pedicel: surface | wrinkled | smooth | wrinkled |
| ☐ | *Ripe fruit: colour | dark green | light green | yellow green |
| ☐ | *Ripe fruit: thickness of skin | very thin | moderately thin | medium to moderately thick |
| ☑ | Ripe fruit: consistency of skin | membranous | leathery | leathery |
| ☑ | Ripe fruit: adherence of skin to flesh | strong | weak | weak |
| ☐ | Ripe fruit: main colour of flesh | yellow | yellow | light green |
| ☐ | Ripe fruit: colour of layer next to skin | yellow green | yellow green | medium green |
| ☑ | Ripe fruit: width of layer next to skin | medium | narrow | narrow |
| ☐ | Ripe fruit: conspicuousness of fibers in flesh | conspicuous | conspicuous | conspicuous |
| ☐ | Ripe fruit: anise aroma of flesh | absent | absent | absent |
| ☐ | Ripe fruit: ratio fruit length/seed length | medium | medium | medium |
| ☐ | Seed: shape in longitudinal section | ovate | ovate | depressed oblate |
| ☐ | Seed: shape in cross section | circular | circular | circular |
| ☐ | Cotyledon: surface | wrinkled | wrinkled | wrinkled |
| ☑ | Time of: beginning of flowering | medium | early | medium |
| ☐ | *Time of: fruit maturity for harvesting | early | early | medium |
| ☐ | Seed: multiple sprouting | absent | absent | absent |

**Characteristics Additional to the Descriptor/TG**

| | | | | |
|---|---|---|---|---|
| ☑ | Plant: tolerance to *Phytophthora cinnamomi* | high | medium | high |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| Republic of South Arica | 2001 | Granted | ‘Merensky 2’ |
| USA | 2005 | Granted | ‘Merensky 2’ |

Description: **Dr Gavin Porter ANFIC,** Kallangur, QLD.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2005/220 |
| **Variety Name** | 'Mendez No. 1' |
| **Genus Species** | *Persea americana* |
| **Common Name** | Avocado |
| **Synonym** | |
| **Accepted Date** | 25th July 2005 |
| **Applicant** | Carlos Mendez Vega, La Joyita, Mexico. |
| **Agent** | Australian Nurserymen's Fruit Improvement Company Limited, Kallangur, QLD. |
| **Qualified Person** | Dr Gavin Porter |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | US Patent and Trade Marks Office |
| **Overseas Data Reference Number** | PP11173 |
| **Location** | US patent specification data verified under Australian conditions |
| **Descriptor** | Avocado UPOV TG 97/4 |

**Origin and Breeding**

Spontaneous mutation: 'Hass'. The variety is the result of a sport discovered by the observation of its early flowering in relation to the 'Hass' avocado, by Carlos Mendez Vega in the orchard named Cherangueran in Uruapan, Michoacan, Mexico. We have produced by clonal propagation approximately 3,400 Mendez No. 1 trees. The information for the Technical Description and plant evaluation was collected by Hank Brokaw at Brokaw's Cheravo Ranch in Santa Paula California USA. Some additional evaluation was performed by Carlos Mendez in Mexico and then relayed to Hank Brokaw but the majority of observation was done by Hank Brokaw in California USA. In 1997 the first trees were propagated by topworking the Mendez No. 1 budwood on to existing avocado rootstock in the orchard at Cheravo Ranch. Over the course of three years the trees were observed by Hank Brokaw and the information was used to obtain the US plant patent. The earlier flowering and corresponding harvest timing compared with the 'Hass' avocado variety was the main criteria in the development of this variety for commercial production. There have been a scattering of small test plantings throughout Southern California under Brokaw Nursery's control but most of the data was collected at Brokaw's Cheravo Ranch USA. An asexual reproduction of the tree was made by removing a bud bearing stick from the sport and grafting it onto an existing two-year-old avocado rootstock. The resulting grafted tree, after the scion had grown out, bore fruit of the same variety as the sport and with the same schedule of maturity. 'Mendez No.1` has been propagated via asexual clonal reproduction since July 1999. The variety has maintained its stability through all propagations. No off-types have been found. The variety has maintained its stability through all propagations

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Mature fruit | surface | rough |
| Ripe fruit | colour | dark purple or black |

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

| Name | Comments |
|---|---|
| 'Hass' | parent |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| ;Maluma Hass' | Ripe fruit | colour | dark purple to black | medium purple | |
| ;Maluma Hass' | Mature fruit | surface | rough | smooth | |
| ;Maluma Hass' | Young shoot | colour | green | reddish | |

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

| | Organ/Plant Part: Context | 'Mendez No. 1' | 'Hass' |
|---|---|---|---|
| ☐ | *Tree: growth habit | spreading | spreading |
| ☐ | *Young shoot: colour | green | green |
| ☐ | Young shoot: colour of lenticels | green | green |
| ☑ | Young leaf: colour of pubescence of petiole | yellow | white |
| ☐ | Shoot: length of internode | intermediate | intermediate |
| ☐ | Leaf: attitude relative to shoot | outwards | outwards |
| ☐ | Leaf blade: length | medium | medium to long |
| ☐ | Leaf blade: width | narrow to medium | narrow |
| ☐ | Leaf blade: ratio length/width | medium | medium to large |
| ☑ | Leaf blade: shape | lanceolate | elliptic |
| ☐ | Leaf blade: shape of apex | acute | acute |
| ☐ | Leaf blade: twisting along whole length | absent | absent |
| ☐ | Leaf blade: twisting of apex | absent | absent |

| | | |
|---|---|---|
| Leaf blade: undulation of margin | absent or very weak | absent or very weak |
| Leaf blade: number of secondary veins | few | few |
| *Leaf blade: anise aroma | absent or weak | absent or weak |
| Petiole: length | long | long |
| Inflorescence: length of axis | medium to long | medium to long |
| Inflorescence: colour of lenticels | green | green |
| Inflorescence: flowering type | type A | type A |
| Flower: pollen | present | present |
| Sepal: pubescence of inner surface | present | present |
| Sepal: density of pubescence of inner surface | sparse | sparse |
| *Mature fruit: length | medium | medium |
| *Mature fruit: diameter | small to medium | small to medium |
| *Mature fruit: ratio length/diameter | medium | medium |
| Mature fruit: shape of stalk end | pointed | pointed |
| Mature fruit: presence of neck | absent | absent |
| Mature fruit: presence of depression at stalk end | present | present |
| Mature fruit: diameter of stalk attachment | small to medium | small to medium |
| Mature fruit: position of stalk | slightly oblique | slightly oblique |
| Mature fruit: conspicuousness of lenticels | inconspicuous or weak | inconspicuous or weak |
| Mature fruit: size of lenticels | small | small |
| Mature fruit: colour of lenticels | light green | light green |
| Mature fruit: glossiness | medium | medium |
| *Mature fruit: surface | rough | rough |
| Mature fruit: persistence of perianth | absent or weak | absent or weak |
| Pedicel: thickness compared to peduncle | thicker | thicker |
| *Pedicel: length | long | long |
| *Pedicel: nailhead | present | present |
| Pedicel: colour | yellow green | yellow green |
| Pedicel: surface | smooth | smooth |
| *Ripe fruit: colour | dark purple or black | dark purple or black |
| *Ripe fruit: thickness of skin | moderately thick | moderately thick |

| | | |
|---|---|---|
| ☐ Ripe fruit: consistency of skin | corky | corky |
| ☐ Ripe fruit: adherence of skin to flesh | intermediate | intermediate |
| ☐ Ripe fruit: main colour of flesh | yellow | yellow |
| ☐ Ripe fruit: colour of layer next to skin | medium green | medium green |
| ☐ Ripe fruit: width of layer next to skin | medium | medium |
| ☐ Ripe fruit: conspicuousness of fibers in flesh | inconspicuous | inconspicuous |
| ☐ Ripe fruit: consistency of flesh | buttery | buttery |
| ☐ Ripe fruit: anise aroma of flesh | absent | absent |
| ☐ Ripe fruit: ratio fruit length/seed length | medium | medium |
| ☐ Seed: shape in longitudinal section | ovate | ovate |
| ☐ Seed: shape in cross section | circular | circular |
| ☐ Seed coat: adherence to flesh | strong | strong |
| ☐ Seed coat: adherence to cotyledon | strong | |
| ☐ Seed coat: surface | smooth or slightly wrinkled | smooth or slightly wrinkled |
| ☑ Time of: beginning of flowering | very early | late |
| ☑ *Time of: fruit maturity for harvesting | early | late |
| ☐ Seed: multiple sprouting | absent | absent |

## Characteristics Additional to the Descriptor/TG

**Organ/Plant Part: Context**

| | | |
|---|---|---|
| ☐ Plant: occurrence of “off” bloom flowering | present | absent |
| ☐ Plant: shoot damage from frost ($-4^0$C to $-2^0$C) conditions for 2-3 hours | high to very high | high |
| ☑ Plant: Crop loads from “Off” bloom flowering | high to very high | absent or very low |

## Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2000 | Granted | ‘Mendez No. 1’ |

First sold in USA in July 1999.

Description: **Dr Gavin Porter ANFIC,** Kallangur, QLD.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2005/309 |
| **Variety Name** | 'Merensky 1' |
| **Genus Species** | *Persea americana* |
| **Common Name** | Avocado rootsotck |
| **Synonym** | |
| **Accepted Date** | 23rd February 2006 |
| **Applicant** | Hans Merensky Holdings Pty Ltd trading as Westfalia Technological Services, Duiwelskloof, Republic of South Africa. |
| **Agent** | Australian Nurserymen's Fruit Improvement Company Limited, Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Agricultural Research Council, Republic of South Africa |
| **Overseas Data Reference Number** | ZA 90590 |
| **Location** | Tzaneen, Westfalia Estate, Duiwelskloof, Republic of South Africa |
| **Descriptor** | Avocado, UPV TG/97/4 |
| **Period** | 1998-2001 |

**Origin and Breeding**

Seedling selection: 'Edranol'. In the late 1970's and early 1980's, several mature and extraordinarily healthy and productive `Fuerte' avocado trees on unidentified seedling rootstocks were observed and monitored over a few years in heavily infested Phytophthora root rot soils at Westfalia Estate. The 'Fuerte' scion variety was removed to induce vegetative growth of the potentially superior seedling rootstocks. This procedure was successful as the rootstock trees selected were very different from each other and other known avocado varieties. One of these recovered rootstocks later became known as 'Merensky 1' and was also trademarked as `Latas'. From 1988 Merensky Technological Services (now known as Westfalia Technological Services) intensified the rootstock testing project which included Latas, to quantify Phytophthora resistance in experimental plantings. Clonal propagation techniques were used in propagation. For Plant Breeders Rights purposes the rootstock was named 'Merensky '1. In further field trials it was found that the 'Merensky 1' variety had an additional beneficial characteristics, namely its salinity tolerance as compared to available commercial avocado rootstocks. This, and subsequent propagation, confirmed the new variety to be stable and that progeny formed is true to type. The 'Merensky 1' variety is believed to be well-suited as a rootstock, wherein other commercial varieties are grafted thereon. The 'Merensky 1' variety can be distinguished from all previously known avocado varieties. 'Merensky 1' differs from its parent in having a spreading tree with medium vigour, medium fruit skin thickness and a strong resistance to root rot disease caused by *Phytophthora cinnamomi.*

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | type | rootstock |
| Young shoot | colour of lenticels | purple |
| Inflorescence | flowering type | type B |
| Mature fruit | length | medium |
| Mature fruit | diameter | medium |
| Seed | shape in cross section | circular |
| Seed | multiple sprouting | absent |

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

| Name | Comments |
|---|---|
| ‘Merensky 2’ | sister line |
| ‘Duke 7’ | well known rootstock 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 | ‘Merensky 1’ | ‘Duke 7’ | ‘Merensky 2’ |
|---|---|---|---|---|
| ☑ | *Tree: growth habit | spreading | upright | spreading |
| ☑ | *Young shoot: colour | reddish | green | green |
| ☐ | Young shoot: colour of lenticels | purple | purple | purple |
| ☐ | Young leaf: colour of pubescence of petiole | yellow | yellow | |
| ☐ | Shoot: length of internode | intermediate | intermediate | |
| ☑ | Leaf: attitude relative to shoot | upwards | outwards | upwards |
| ☐ | Leaf blade: length | medium | short to medium | long |
| ☑ | Leaf blade: width | medium | very narrow | medium to broad |
| ☑ | Leaf blade: ratio length/width | medium | small | medium to large |
| ☑ | Leaf blade: shape | lanceolate | elliptic | lanceolate |
| ☐ | Leaf blade: shape of apex | acuminate | acuminate | acuminate |
| ☑ | Leaf blade: twisting of apex | absent | present | absent |
| ☐ | Leaf blade: undulation of margin | weak to medium | absent or very weak | weak |
| ☑ | Leaf blade: relief of venation on upper | raised | level | raised |

| | | | |
|---|---|---|---|
| surface | | | |
| ☐ Leaf blade: number of secondary veins | intermediate | intermediate | intermediate |
| ☑ Leaf blade: density of pubescence on lower surface | absent or sparse | dense | medium |
| ☑ *Leaf blade: anise aroma | absent or weak | medium | medium |
| ☑ Petiole: length | medium | medium | medium |
| ☑ Inflorescence: length of axis | short | medium | medium |
| ☑ Inflorescence: colour of lenticels | red | green | green |
| ☐ Inflorescence: flowering type | type B | type B | type B |
| ☐ Flower: nectary | sessile | sessile | sessile |
| ☐ Flower: style | straight | straight | straight |
| ☐ Flower: pollen | present | present | present |
| ☑ Sepal: pubescence of inner surface | absent | present | absent |
| ☑ Sepal: density of pubescence of inner surface | very sparse | dense | very sparse |
| ☐ *Mature fruit: length | medium | medium | medium |
| ☐ *Mature fruit: diameter | medium | medium | medium |
| ☐ *Mature fruit: ratio length/diameter | medium | medium | medium |
| ☑ Mature fruit: shape of stalk end | narrowly rounded | pointed | pointed |
| ☑ Mature fruit: presence of neck | present | absent | absent |
| ☐ Mature fruit: presence of depression at stalk end | present | present | present |
| ☐ Mature fruit: diameter of stalk attachment | medium | medium | medium |
| ☐ Mature fruit: position of stalk | slightly oblique | slightly oblique | strongly oblique |
| ☑ Mature fruit: shape at stylar region | slightly depressed | deeply depressed | slightly depressed |
| ☐ Mature fruit: conspicuousness of lenticels | medium | medium | medium |
| ☐ Mature fruit: size of lenticels | small to medium | medium | medium |
| ☑ Mature fruit: colour of lenticels | light green | yellow | yellow |
| ☑ Mature fruit: glossiness | medium | strong | medium |
| ☑ *Mature fruit: surface | rough | very smooth | very smooth |
| ☐ Mature fruit: persistence of perianth | medium | medium | |
| ☐ Pedicel: thickness compared to peduncle | thicker | thicker | thicker |
| ☑ *Pedicel: length | short | medium | medium |

| | | | | |
|---|---|---|---|---|
| ☐ | *Pedicel: shape | cylindrical | cylindrical | cylindrical |
| ☐ | *Pedicel: 'nailhead' | absent | absent | absent |
| ☑ | Pedicel: colour | yellow green | yellow | yellow green |
| ☑ | Pedicel: surface | wrinkled | smooth | wrinkled |
| ☑ | *Ripe fruit: colour | yellow green | light green | dark green |
| ☐ | *Ripe fruit: thickness of skin | medium to moderately thick | moderately thin | very thin |
| ☐ | Ripe fruit: consistency of skin | leathery | leathery | membranous |
| ☐ | Ripe fruit: adherence of skin to flesh | weak | weak | strong |
| ☑ | Ripe fruit: main colour of flesh | light green | yellow | yellow |
| ☑ | Ripe fruit: colour of layer next to skin | medium green | yellow green | yellow green |
| ☐ | Ripe fruit: width of layer next to skin | narrow | narrow | medium |
| ☐ | Ripe fruit: conspicuousness of fibers in flesh | conspicuous | conspicuous | conspicuous |
| ☐ | Ripe fruit: consistency of flesh | buttery | buttery | |
| ☐ | Ripe fruit: anise aroma of flesh | absent | absent | absent |
| ☐ | Ripe fruit: ratio fruit length/seed length | medium | medium | medium |
| ☐ | Seed: shape in longitudinal section | depressed oblate | ovate | ovate |
| ☐ | Seed: shape in cross section | circular | circular | circular |
| ☐ | Seed coat: adherence to flesh | absent or weak | - | - |
| ☐ | Seed coat: adherence to cotyledon | medium | - | - |
| ☐ | Seed coat: surface | smooth or slightly wrinkled | - | - |
| ☐ | Cotyledon: surface | wrinkled | wrinkled | wrinkled |
| ☑ | Time of: beginning of flowering | medium | early | medium |
| ☑ | *Time of: fruit maturity for harvesting | medium | early | early |
| ☐ | Seed: multiple sprouting | absent | absent | absent |

**Characteristics Additional to the Descriptor/TG**

**Organ/Plant Part: Context**

| | | | | |
|---|---|---|---|---|
| ☑ | Plant: tolerance to *Phytophthora cinnamomi* | high | medium | high |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| Republic South Africa | 1982 | Granted | ‘Merensky 1’ |
| USA | 2005 | Granted | ‘Merensky 1’ |

Description: Description: **Dr Gavin Porter ANFIC,** Kallangur, QLD.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2008/258 |
| **Variety Name** | 'Maluma Hass' |
| **Genus Species** | *Persea americana* |
| **Common Name** | Avocado |
| **Synonym** | |
| **Accepted Date** | 21st Oct 2008 |
| **Applicant** | A H Ernst & Seuns (Pty) Ltd t/a Allesbeste Nursery, Tzaneen, Republic of South Africa |
| **Agent** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC), Kallangur, QLD. |
| **Qualified Person** | Dr Gavin Porter |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Agricultural Research Council, Republic of South Africa |
| **Overseas Data Reference Number** | ZA20043215 |
| **Location** | Hoedspruit, Tzaneen, Republic of South Africa |
| **Descriptor** | Avocado UPOV TG/97/4 |
| **Period** | 2004-2006 |

**Origin and Breeding**

Seedling selection: 'Unknown'. The avocado variety, a predominantly Guatemalan avocado type, but with some Mexican avocado type genes, was selected/discovered in the early 1990's by Mr Andries Joubert on his property, Maluma farm at Levubu, Limpopo, South Africa, as a chance seedling of unknown parentage (possibly Hass). Mr Joubert approached Allesbeste Nursery towards the end of the 1990s to evaluate the variety. Ownership of the material was assigned by Mr Joubert to AH Ernst & Seuns (Pty) Ltd t/a Allesbeste Nursery. 'Maluma Hass' was introduced into the Allesbeste Breeding and Selection Programme (Phase 2) in the late 1990's. Trial plantings of Maluma Hass and standard Hass were planted in 2001 at Farm Humor, Tzaneen, South Africa (Allesbeste Nursery owned) to provide comparisons between 'Maluma Hass' and standard 'Hass' for tree, flowering and fruiting characteristics. These trials showed Maluma Hass to be an excellent early season 'Hass' type variety with equal or superior characteristics to standard Hass. Precocity and yield of 'Maluma Hass' outperforms standard 'Hass'. Trial fruit was shipped to the UK for export and marketing evaluations. These results show 'Maluma Hass' as an export quality avocado variety. Plant Breeder's Rights (ZA 20043215) was granted in South Africa with effect from 7 November 2004.

**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 |
|---|---|---|
| Ripe fruit | colour | dark purple or black |
| Mature fruit | surface | rough |

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

| Name | Comments |
|---|---|
| 'Hass' | |

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

| Variety | Distinguishing Characteristics Organ/Plant part | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Llanos Hass' | young shoot | colour of lenticels | green | red | |
| 'Llanos Hass' | Plant | time of fruit maturity for harvesting | late | early | |
| 'Mendez 1' | Plant | time of fruit maturity for harvesting | late | mid season | |

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

| Organ/Plant Part: Context | 'Maluma Hass' | 'Hass' |
|---|---|---|
| ☑ *Tree: growth habit | spreading | spreading |
| ☑ *Young shoot: colour | reddish | green |
| ☐ Young shoot: colour of lenticels | green | green |
| ☑ Young leaf: colour of pubescence of petiole | yellow | white |
| ☐ Shoot: length of internode | intermediate | intermediate |
| ☐ Leaf: attitude relative to shoot | outwards | outwards |
| ☐ Leaf blade: length | medium | medium to long |
| ☑ Leaf blade: width | medium | narrow |
| ☐ Leaf blade: ratio length/width | large | medium to large |
| ☑ Leaf blade: shape | lanceolate | elliptic |
| ☑ Leaf blade: shape of apex | acuminate | acute |

| | | |
|---|---|---|
| ☐ Leaf blade: twisting along whole length | absent | absent |
| ☑ Leaf blade: twisting of apex | present | absent |
| ☐ Leaf blade: undulation of margin | absent or very weak | absent or very weak |
| ☐ Leaf blade: relief of venation on upper surface | level | level |
| ☑ Leaf blade: number of secondary veins | intermediate | few |
| ☐ Leaf blade: density of pubescence on lower surface | absent or sparse | absent or sparse |
| ☐ *Leaf blade: anise aroma | absent or weak | absent or weak |
| ☐ Petiole: length | long | long to very long |
| ☐ Inflorescence: length of axis | medium to long | medium to long |
| ☐ Inflorescence: colour of lenticels | green | green |
| ☐ Inflorescence: flowering type | type A | type A |
| ☐ Flower: nectary | sessile | |
| ☐ Flower: style | straight | straight |
| ☐ Flower: pollen | present | present |
| ☐ Sepal: pubescence of inner surface | present | present |
| ☐ Sepal: density of pubescence of inner surface | sparse | sparse |
| ☑ *Mature fruit: length | short | medium |
| ☐ *Mature fruit: diameter | small | small to medium |
| ☑ *Mature fruit: ratio length/diameter | small | medium |
| ☑ Mature fruit: shape of stalk end | narrowly rounded | pointed |
| ☐ Mature fruit: presence of neck | absent | absent |
| ☐ Mature fruit: presence of depression at stalk end | present | present |
| ☐ Mature fruit: diameter of stalk attachment | small to medium | small to medium |
| ☐ Mature fruit: position of stalk | slightly oblique | slightly oblique |
| ☐ Mature fruit: shape at stylar region | flattened | flattened |
| ☑ Mature fruit: conspicuousness of lenticels | medium | inconspicuous or weak |
| ☐ Mature fruit: size of lenticels | small to medium | small |
| ☐ Mature fruit: colour of lenticels | light green | light green |
| ☐ Mature fruit: glossiness | medium | medium |
| ☐ *Mature fruit: surface | rough to very rough | rough |
| ☐ Mature fruit: persistence of perianth | absent or weak | absent or weak |
| ☐ Pedicel: thickness compared to peduncle | thicker | thicker |
| ☐ *Pedicel: length | long | long |
| ☐ *Pedicel: shape | cylindrical | cylindrical |
| ☑ *Pedicel: nailhead | absent | present |
| ☐ Pedicel: colour | yellow green | yellow green |
| ☐ Pedicel: surface | smooth | smooth |

| | | |
|---|---|---|
| ☐ *Ripe fruit: colour | medium purple | dark purple or black |
| ☑ *Ripe fruit: thickness of skin | medium | moderately thick to very thick |
| ☑ Ripe fruit: consistency of skin | leathery | corky |
| ☑ Ripe fruit: adherence of skin to flesh | weak | intermediate |
| ☐ Ripe fruit: main colour of flesh | yellow | yellow |
| ☑ Ripe fruit: colour of layer next to skin | yellow green | medium green |
| ☑ Ripe fruit: width of layer next to skin | narrow | medium |
| ☑ Ripe fruit: conspicuousness of fibers in flesh | conspicuous | inconspicuous |
| ☐ Ripe fruit: consistency of flesh | buttery | buttery |
| ☐ Ripe fruit: anise aroma of flesh | absent | absent |
| ☑ Ripe fruit: ratio fruit length/seed length | small | medium |
| ☐ Seed: shape in longitudinal section | ovate | ovate |
| ☑ Seed: shape in cross section | elliptic | circular |
| ☐ Seed coat: adherence to flesh | strong | strong |
| ☐ Seed coat: adherence to cotyledon | strong | strong |
| ☐ Seed coat: surface | smooth or slightly wrinkled | smooth or slightly wrinkled |
| ☐ Cotyledon: surface | smooth | smooth |
| ☐ Time of: beginning of flowering | medium to late | late |
| ☐ *Time of: fruit maturity for harvesting | medium to late | late |
| ☐ Seed: multiple sprouting | absent | absent |

**Characteristics Additional to the Descriptor/TG**

| | | |
|---|---|---|
| ☑ Canopy:structure | central leader with longer lateral branches/traingular | multiple leaders/round |
| ☑ Earliness of bearing | early | medium |
| ☑ Lenticel: tolerance to damage | tolerant | susceptible |
| ☑ Mature fruit: depth of stalk cavity | deep | intermediate |
| ☑ Mature fruit: colour | dark blue green | bright light green |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| Republic of South Africa | 2003 | Granted | ‘Maluma Hass’ |
| New Zealand | 2006 | Granted | ‘Maluma Hass’ |

Description: **Dr Gavin Porter ANFIC,** Kallangur, QLD.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2011/193 |
| **Variety Name** | 'GT Cobra' |
| **Genus Species** | *Brassica napus* |
| **Common Name** | Canola |
| **Synonym** | Nil |
| **Accepted Date** | 30-Sep-2011 |
| **Applicant** | Nuseed Pty. Ltd, Laverton, Vic. |
| **Agent** | N/A |
| **Qualified Person** | Nelson Gororo |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Dahlen, Horsham, VIC. |
| **Descriptor** | Rape Seed (*Brassica napus*) TG/36/6 Corr. |
| **Period** | Jun- Dec 2011 |
| **Conditions** | Normal growing conditions |
| **Trial Design** | Randomised complete block design 3 replications, 6 row 10m plots. |
| **Measurements** | Seedling character data collected in glasshouse. Mature plant measurements made on 20 random plants per replication from each of the 3 replications giving a total of 60 observations per variety. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Controlled pollination: 'GT Cobra'(NG0517) was developed from a cross, GT61/AV−Garnet*3, made in a glasshouse at Grains Innovation Park, Horsham, VIC. Cross progressed to F2 seed in glasshouse.2007: The F2 seed was planted in a blackleg disease nursery at Laharum during the winter season and single plant selections were taken on a basis of blackleg resistance and agronomic type.2008: These F3 selections were sown in a blackleg disease nursery at Laharum and further single plants were taken at F4.2009: These selections were evaluated for resistance to blackleg disease at Laharum and in preliminary yield trial for initial observation at Dahlen, Victoria.2010: 07G0024−X−02−12−X was identified as a promising line and assigned breeders code NG0517. NG0517 was entered into Nuseed multi location yield trials in NSW, Victoria and WA. Breeder's seed produced. Seed also tested for grain quality. 2011: NG0517 was promoted to ACAS NVT trials; certified seed produced and decided to release NG0517 for commercial cultivation as GT Cobra. Breeder: Nuseed Pty. Ltd, Laverton, Vic.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | herbicide tolerance | glyphosate tolerant |
| Flower | time to flower | early to medium |

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

| Name | Comments |
|---|---|
| 'GT61' | early maturity, short to medium height, glyphosate tolerant variety. |
| 'GT Scorpion' | early maturity, short height, glyphosate tolerant variety. |
| 'GT Taipan' | early to medium maturity, short to medium height, glyphosate tolerant 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 | 'GT Cobra' | 'GT Scorpion' | 'GT Taipan' | 'GT61' |
|---|---|---|---|---|
| ☐ *Seed: erucic acid | absent | absent | absent | absent |
| ☑ Cotyledon: length | short to medium | short | very short | medium |
| ☑ Cotyledon: width | medium to broad | broad to very broad | medium | broad to very broad |
| ☐ *Leaf: green colour | medium | medium | medium | medium |
| ☐ *Leaf: lobes | present | present | present | present |
| ☑ *Leaf: number of lobes | medium to many | medium to many | few to medium | medium to many |
| ☑ Leaf: length | short to medium | short | long | medium to long |
| ☑ Leaf: length of petiole (varieties with lobed leaves only) | very long | short | short | medium |
| ☐ *Time of: flowering | early to medium | early | early to medium | early |
| ☐ *Flower: colour of petals | yellow | yellow | yellow | yellow |
| ☐ Production of: pollen | present | present | present | present |
| ☑ Plant: height at full flowering | medium to tall | low | low to medium | medium |
| ☐ Siliqua: length | very short | very short to short | very short to short | very short |
| ☑ Siliqua: length of beak | medium | long | long | long |
| ☑ Siliqua: length of peduncle | short | medium | long | short |
| ☐ Tendency to form inflorescences in year of sowing: for spring sown trials | strong | strong | strong | strong |
| ☐ Tendency to form inflorescences in year of sowing: for late summer sown trials | strong | strong | strong | strong |

**Statistical Table**

| Organ/Plant Part: Context | 'GT Cobra' | 'GT Scorpion' | 'GT Taipan' | 'GT61' |
|---|---|---|---|---|
| ☑ Cotyledon: length (mm) | | | | |
| Mean | 10.59 | 10.14 | 9.09 | 10.77 |
| Std. Deviation | 0.76 | 0.98 | 0.96 | 0.91 |
| LSD/sig | 0.48 | ns | P≤0.01 | ns |
| ☑ Cotyledon: width(mm) | | | | |
| Mean | 20.55 | 21.88 | 18.79 | 22.43 |
| Std. Deviation | 2.09 | 2.12 | 2.10 | 2.21 |
| LSD/sig | 0.99 | ns | P≤0.01 | ns |
| ☑ Leaf: length | | | | |
| Mean | 55.03 | 54.72 | 66.36 | 60.14 |
| Std. Deviation | 7.39 | 8.28 | 8.11 | 7.69 |
| LSD/sig | 4.08 | ns | P≤0.01 | P≤0.01 |
| ☑ Leaf: length of petiole(mm) | | | | |
| Mean | 132.10 | 108.28 | 105.20 | 116.26 |
| Std. Deviation | 16.80 | 19.17 | 12.83 | 13.53 |
| LSD/sig | 8.14 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☑ Plant: height(m) | | | | |
| Mean | 1.30 | 1.15 | 1.17 | 1.26 |
| Std. Deviation | 0.05 | 0.07 | 0.05 | 0.06 |
| LSD/sig | 0.03 | P≤0.01 | P≤0.01 | P≤0.01 |
| ☑ Siliqua: length(mm) | | | | |
| Mean | 50.16 | 53.19 | 53.51 | 51.28 |
| Std. Deviation | 3.05 | 4.33 | 3.15 | 3.67 |
| LSD/sig | 1.92 | P≤0.01 | P≤0.01 | ns |
| ☑ Siliqua: length of beak(mm) | | | | |
| Mean | 11.15 | 11.90 | 11.78 | 11.76 |
| Std. Deviation | 1.54 | 1.52 | 1.51 | 1.24 |
| LSD/sig | 0.71 | ns | ns | ns |
| ☑ Siliqua: length of peduncle(mm) | | | | |
| Mean | 18.33 | 20.55 | 22.17 | 18.63 |
| Std. Deviation | 1.62 | 2.89 | 2.36 | 1.98 |
| LSD/sig | 1.01 | P≤0.01 | P≤0.01 | ns |

## Prior Applications and Sales

Nil

Description: Nelson Gororo , Nuseed Pty. Ltd,, Dahlen, Horsham, VIC.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2011/196 |
| **Variety Name** | 'GT Viper' |
| **Genus Species** | *Brassica napus* |
| **Common Name** | Canola |
| **Synonym** | Nil |
| **Accepted Date** | 30 Sep 2011 |
| **Applicant** | Nuseed Pty. Ltd, Laverton, Vic. |
| **Agent** | N/A |
| **Qualified Person** | Nelson Gororo |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Dahlen, Horsham, VIC. |
| **Descriptor** | Rape Seed (*Brassica napus*) TG/36/6 Corr. |
| **Period** | Jun Dec 2011 |
| **Conditions** | Normal growing conditions. |
| **Trial Design** | Dahlen, Horsham, VIC. |
| **Measurements** | Seedling character data collected in glasshouse. Mature plant measurements made on 20 random plants per replication from each of the 3 replications giving a total of 60 observations per variety. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Controlled pollination: 'GT Viper (NG0520) was developed from a cross, GT36/BravoTT*1, made in a glasshouse at Grains Innovation Park, Horsham, VIC. Cross progressed to F2 seed in glasshouse.2007: The F2 seed was planted in a blackleg disease nursery at Laharum during the winter season and single plant selections taken.2008: These F3 selections were sown in a blackleg disease nursery at Laharum and further single plants were taken at F4 on a basis of blackleg resistance and agronomic type.2009: These selections were tested for resistance to blackleg disease at Laharum and in preliminary yield trial for initial observations at Dahlen, Victoria.2010: 07G0117−X−01−03−X was identified as a promising line and assigned breeders code NG0520. NG0520 was entered into Nuseed multilocation yield trials in NSW, Victoria and WA. Breeders seed produced.2011:NG0520 was promoted to ACAS NVT trials, CAA disease rating trials, certified seed produced and decided to release NG0520 for commercial cultivation as GT Viper. Breeder: Nuseed Pty. Ltd, Laverton, Vic.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | herbicide tolerance | glyphosate tolerant |
| Flower | time to flower | early |

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

| Name | Comments |
|---|---|
| 'GT61' | early maturity, short to medium height, glyphosate tolerant variety. |
| 'GT Scorpion' | early maturity, short height, glyphosate tolerant 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 | 'GT Viper' | 'GT Scorpion' | 'GT Taipan' | 'GT61' |
|---|---|---|---|---|
| ☐ *Seed: erucic acid | absent | absent | absent | absent |
| ☑ Cotyledon: length | short | short | very short | medium |
| ☑ Cotyledon: width | broad to very broad | broad to very broad | medium | broad to very broad |
| ☐ *Leaf: green colour | medium | medium | medium | medium |
| ☐ *Leaf: lobes | present | present | present | present |
| ☐ *Leaf: number of lobes | medium | medium to many | few to medium | medium to many |
| ☑ Leaf: length | medium to long | short | long | medium to long |
| ☑ Leaf: length of petiole (varieties with lobed leaves only) | very short | short | short | medium |
| ☐ *Time of: flowering | early | early | early to medium | early |
| ☐ *Flower: colour of petals | yellow | yellow | yellow | yellow |
| ☐ Production of: pollen | present | present | present | present |
| ☑ Plant: height at full flowering | medium | low | low to medium | medium |
| ☑ Siliqua: length | very long | very short to short | very short to short | very short |
| ☐ Siliqua: length of beak | very long | long | long | long |
| ☑ Siliqua: length of peduncle | long | medium | long | short |
| ☐ Tendency to form inflorescences in year of sowing: for spring sown trials | strong | strong | strong | strong |
| ☐ Tendency to form inflorescences in year of sowing: for late summer sown trials | strong | strong | strong | strong |

**Statistical Table**

| Organ/Plant Part: Context | 'GT Viper' | 'GT Scorpion' | 'GT Taipan' | 'GT61' |
|---|---|---|---|---|
| ☑ Cotyledon: length(mm) | | | | |
| Mean | 10.32 | 10.14 | 9.09 | 10.77 |
| Std. Deviation | 0.94 | 0.98 | 0.96 | 0.91 |
| LSDd/sig | 0.48 | ns | P≤0.01 | ns |
| ☑ Cotyledon: width(mm) | | | | |
| Mean | 22.56 | 21.88 | 18.79 | 22.43 |
| Std. Deviation | 2.18 | 2.12 | 2.10 | 2.21 |
| LSDd/sig | 0.99 | ns | P≤0.01 | ns |
| ☑ Leaf: length(mm) | | | | |
| Mean | 61.97 | 54.72 | 66.36 | 60.14 |

| | | | | |
|---|---|---|---|---|
| Std. Deviation | 9.55 | 8.28 | 8.11 | 7.69 |
| LSDd/sig | 4.08 | P≤0.01 | P≤0.01 | ns |
| ☑ Leaf: length of petiole(mm) | | | | |
| Mean | 94.12 | 108.28 | 105.20 | 116.26 mm |
| Std. Deviation | 16.75 | 19.17 | 12.83 | 13.53 |
| LSDd/sig | 8.14 | P≤0.01 | P≤0.01 | P≤0.011 |
| ☑ Plant: height(m) | | | | |
| Mean | 1.27 | 1.15 | 1.17 | 1.26 |
| Std. Deviation | 0.05 | 0.07 | 0.05 | 0.06 |
| LSDd/sig | 0.03 | P≤0.01 | P≤0.01 | ns |
| ☑ Siliqua: length(mm) | | | | |
| Mean | 62.01 | 53.19 | 53.51 | 51.28 |
| Std. Deviation | 4.26 | 4.33 | 3.15 | 3.67 |
| LSDd/sig | 1.92 | P≤0.01 | P≤0.01 | P≤0.011 |
| ☑ Siliqua: length of beak(mm) | | | | |
| Mean | 12.29 | 11.90 | 11.78 | 11.76 |
| Std. Deviation | 1.34 | 1.52 | 1.51 | 1.24 |
| LSDd/sig | 0.71 | ns | ns | ns |
| ☑ Siliqua: length of peduncle(mm) | | | | |
| Mean | 22.16 | 20.55 | 22.17 | 18.36 |
| Std. Deviation | 2.27 | 2.89 | 2.36 | 1.98 |
| LSDd/sig | 1.01 | P≤0.01 | ns | P≤0.011 |

## Prior Applications and Sales

Nil

Description: **Nelson Gororo** , Nuseed Pty. Ltd,, Dahlen, Horsham, VIC.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2011/195 |
| **Variety Name** | 'ATR-GEM' |
| **Genus Species** | *Brassica napus* |
| **Common Name** | Canola |
| **Synonym** | Nil |
| **Accepted Date** | 30 Sep 2011 |
| **Applicant** | Nuseed Pty. Ltd, Laverton, Vic. |
| **Agent** | N/A |
| **Qualified Person** | Nelson Gororo |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Dahlen, Horsham, VIC. |
| **Descriptor** | Rape Seed (*Brassica napus*) TG/36/6 Corr. |
| **Period** | Jun-Dec 2011 |
| **Conditions** | Normal growing conditions. |
| **Trial Design** | Randomised complete block design 3 replications, 6 row 10m plots. |
| **Measurements** | Seedling character data collected in glasshouse. Mature plant measurements made on 20 random plants per replication from each of the 3 replications giving a total of 60 observations per variety. |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Controlled pollination: 'ATR-GEM' was developed and cross made in a glasshouse at Grains Innovation Park, Horsham Horsham, VIC .and progressed to F3 seed in a glasshouse.2005: F3 seed planted in blackleg disease nursery at Wonwondah, Victoria; single plant selections were taken from this cross,.2006: Single plant selection 03−53T*4029W was reselected in a blackleg disease nursery at Wonwondah to give 03−53T*4029W*504W.2007/2008: 03−53T*4029W*504W was identified as a promising line and entered into Nugrain preliminary trials and blackleg disease nurseries.2009/10: Line was assigned breeders code NT0107 and promoted into Nuseed replicated multilocation trials in NSW, Victoria, SA and WA, The line was also evaluated for seed quality and for resistance to blackleg disease. Breeders seed produced.
2011:NT0107 was promoted to ACAS NVT trials, certified seed produced and decided to release NT0107 for commercial cultivation as ATR−Gem. Breeder: Nuseed Pty. Ltd, Laverton, Vic.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | herbicide tolerance | triazine tolerance |
| Seed | erucic acid content | absent |
| Flower | time to flower | early to medium |

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

| Name | Comments |
|---|---|
| 'Tawriffic TT' | medium maturity, medium to tall height, triazine tolerant variety. |
| 'Bravo TT' | early to medium maturity, medium height, triazine tolerant 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 | 'ATR-GEM' | 'Bravo TT' | 'Tawriffic TT' |
|---|---|---|---|
| ☐ *Seed: erucic acid | absent | absent | absent |
| ☑ Cotyledon: length | medium to long | short to medium | medium to long |
| ☑ Cotyledon: width | broad | medium | broad |
| ☐ *Leaf: green colour | medium | medium | medium |
| ☐ *Leaf: lobes | present | present | present |
| ☑ *Leaf: number of lobes | medium | few | medium |
| ☑ *Leaf: dentation of margin | medium to strong | weak to medium | weak to medium |
| ☐ *Time of: flowering | early to medium | early to medium | early to medium |
| ☐ *Flower: colour of petals | yellow | yellow | yellow |
| ☐ Production of: pollen | present | present | present |
| ☐ Plant: height at full flowering | medium | medium | medium to tall |
| ☑ Siliqua: length | very long | short to medium | short |
| ☑ Siliqua: length of beak | medium | short | medium to long |
| ☑ Siliqua: length of peduncle | medium | long | long |
| ☐ Tendency to form inflorescences in year of sowing: for spring sown trials | strong | strong | strong |
| ☐ Tendency to form inflorescences in year of sowing: for late summer sown trials | strong | strong | strong |

**Statistical Table**

| Organ/Plant Part: Context | 'ATR-GEM' | 'Bravo TT' | 'Tawriffic TT' |
|---|---|---|---|
| ☑ Cotyledon: length (mm) | | | |
| Mean | 9.49 | 8.56 | 9.85 |
| Std. Deviation | 1.04 | 0.74 | 1.05 |
| LSD/sig | 0.45 | P≤0.01 | ns |
| ☑ Cotyledon: width(mm) | | | |
| Mean | 19.03 | 17.28 | 20.06 |
| Std. Deviation | 2.08 | 1.89 | 1.94 |
| LSD/sig | 0.97 | P≤0.01 | P≤0.01 |
| ☑ Leaf: number of lobes(mm) | | | |
| Mean | 3.28 | 1.88 | 3.12 |
| Std. Deviation | 1.00 | 1.50 | 1.47 |

| | | | |
|---|---|---|---|
| LSD/sig | 0.54 | P≤0.01 | ns |
| ☑ Leaf: length of petiole(mm) | | | |
| Mean | 103.40 | 90.28 | 97.77 |
| Std. Deviation | 17.10 | 18.96 | 15.05 |
| LSD/sig | 8.34 | P≤0.01 | ns |
| ☑ Leaf: length(mm) | | | |
| Mean | 63.30 | 54.20 | 57.59 |
| Std. Deviation | 7.20 | 8.69 | 7.43 |
| LSD/sig | 4.05 | P≤0.01 | P≤0.01 |
| ☑ Plant: height(m) | | | |
| Mean | 112.10 | 115.30 | 119.30 |
| Std. Deviation | 7.17 | 8.02 | 8.49 |
| LSD/sig | 3.30 | ns | P≤0.01 |
| ☑ Siliqua: length(mm) | | | |
| Mean | 63.10 | 58.98 | 56.23 |
| Std. Deviation | 5.49 | 6.90 | 5.51 |
| LSD/sig | 2.50 | P≤0.01 | P≤0.01 |
| ☑ Siliqua: length of beak(mm) | | | |
| Mean | 9.65 | 8.58 | 10.73 |
| Std. Deviation | 1.79 | 1.86 | 2.34 |
| LSD/sig | 0.89 | P≤0.01 | P≤0.01 |
| ☑ Siliqua: length of peduncle(mm) | | | |
| Mean | 20.78 | 22.32 | 22.45 |
| Std. Deviation | 2.37 | 3.34 | 4.29 |
| LSD/sig | 1.57 | P≤0.01 | P≤0.01 |

## Prior Applications and Sales

**Nil**

Description**: Nelson Gororo** , Nuseed Pty. Ltd,, Dahlen, Horsham, VIC.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/145 |
| **Variety Name** | 'Cha Cha' |
| **Genus Species** | *Cordyline australis* |
| **Common Name** | Cordyline |
| **Synonym** | Nil |
| **Accepted Date** | 04 Feb 2013 |
| **Applicant** | Peter Fraser, Kihikihi, New Zealand |
| **Agent** | Touch of Class Plants Pty Ltd, Tynong, Vic |
| **Qualified Person** | Mark Lunghusen |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Tynong, Vic |
| **Descriptor** | Cordyline (*Cordyline*) PBR CORD |
| **Period** | Autumn to Spring 2012 |
| **Conditions** | Plants were grown in 14cm pots in a polyhouse with open sides. Plants were potted in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. |
| **Trial Design** | 10 plants in block design |
| **Measurements** | Taken from middle third of stem |
| **RHS Chart - edition** | Fifth edition |

**Origin and Breeding**

Open pollination followed by seedling selection: Seed was collected from various plants on the breeder's property and sown, germinated and grown on. The candidate variety was selected from the resultant seedlings and grown on for further evaluation and to establish distinctness, uniformity and stability. Breeder Peter Fraser, Kihikihi, New Zealand.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | variegation | present |
| Leaf | width | narrow |
| Leaf | distribution of secondary colour | margin zone |

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

| Name | Comments |
|---|---|
| 'Can Can' | From same breeding program |
| 'Albertii/Torbay Dazzler' | Most similar variegated 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 | 'Cha Cha' | 'Can Can' | 'Torbay Dazzler' |
|---|---|---|---|
| ☐ Plant: height of foliage | medium | medium to tall | medium |
| ☑ Stem: branching | present | present | absent |

| | | | |
|---|---|---|---|
| ☐ Leaf: length | medium | medium to long | medium |
| ☐ Leaf: width at broadest part | narrow | narrow | narrow |
| ☐ Leaf: number of colours on upper side | two | two | two |
| ☑ Leaf: main colour of upper side (RHS Colour Chart) | greyed-yellow 160B | green N137A | green N137B |
| ☑ Leaf: secondary colour of upper side (RHS Colour Chart) | green N137A | red-purple 62B | yellow 12D |
| ☐ Leaf: distribution of secondary colour on upper side | margin zone | margin zone | margin zone |
| ☑ Plant: suckering | present | present | absent |
| ☐ Leaf: glossiness of upper side | weak | weak | weak |
| ☑ Leaf: attitude lower third | 45 degrees | upwards | upwards |
| ☑ Leaf: attitude mid third | horizontal | 45 degrees | 45 degrees |
| ☑ Leaf: attitude upper third | downwards | horizontal | horizontal |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Cha Cha' | 'Can Can' | 'Torbay Dazzler' |
|---|---|---|---|
| ☐ Young leaf: tertiary colour of upper side | medium yellow | medium green | |
| ☐ Young leaf: distribution of tertiary colour on upper side | midvein | midvein | |
| ☐ Young leaf: attitude of bottom half of leaf | erect | erect | erect to semi-erect |
| ☑ Young leaf: main colour of upper side (RHS Colour Chart) | greyed-orange 173B | brown 200B | green N137B |
| ☑ Young leaf: attitude of top half of leaf | horizontal | semi-erect | semi-erect |
| ☑ Young leaf: secondary colour of upper side (RHS colour chart) | green 137A | red-purple 67A | yellow 12D |
| ☐ Young leaf: distribution of secondary colour on upper side | margin zone | margin zone | margin zone |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| New Zealand | 2009 | Accepted | 'Cha Cha' |

First sold in New Zealand in April 2011 and in Australia in Nov: 2011.

Description**: Mark Lunghusen**, Australian Horticultural Services Pty Ltd, Lilydale, Vic 3140.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/146 |
| **Variety Name** | 'Can Can' |
| **Genus Species** | *Cordyline australis* |
| **Common Name** | Cordyline |
| **Synonym** | Nil |
| **Accepted Date** | 04 Feb 2013 |
| **Applicant** | Peter Fraser, Kihikihi, New Zealand |
| **Agent** | Touch of Class Plants Pty Ltd, Tynong, Vic |
| **Qualified Person** | Mark Lunghusen |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Tynong, Vic |
| **Descriptor** | Cordyline (*Cordyline*) PBR CORD |
| **Period** | Autumn to Spring 2012 |
| **Conditions** | Plants were grown in 14cm pots in a polyhouse with open sides. Plants were potted in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. |
| **Trial Design** | 10 plants in block design |
| **Measurements** | Taken from middle third of stem |
| **RHS Chart - edition** | Fifth edition |

**Origin and Breeding**

Open pollination followed by seedling selection: Seed was collected from various plants on the breeder's property and sown, germinated and grown on. The candidate variety was selected from the resultant seedlings and grown on for further evaluation and to establish distinctness, uniformity and stability. Breeder Peter Fraser, Kihikihi, New Zealand.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | variegation | present |
| Leaf | width | narrow |
| Leaf | distribution of secondary colour | margin zone |

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

| Name | Comments |
|---|---|
| 'Cha Cha' | From same breeding program |
| 'Albertii/Torbay Dazzler' | Most similar variegated 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 | 'Can Can' | 'Cha Cha' | 'Torbay Dazzler' |
|---|---|---|---|
| ☐ Plant: height of foliage | medium to tall | medium | medium |
| ☑ Stem: branching | present | present | absent |

| | | | |
|---|---|---|---|
| ☐ Leaf: length | medium to long | medium | medium |
| ☐ Leaf: width at broadest part | narrow | narrow | narrow |
| ☐ Leaf: number of colours on upper side | two | two | two |
| ☑ Leaf: main colour of upper side (RHS Colour Chart) | green N137A with sections green 137C | greyed-yellow 160B | green N137B |
| ☑ Leaf: secondary colour of upper side (RHS Colour Chart) | yellow-green 150C | green N137A | yellow 12D |
| ☐ Leaf: distribution of secondary colour on upper side | margin zone | margin zone | margin zone |
| ☑ Plant: suckering | present | present | absent |
| ☐ Leaf: glossiness of upper side | weak | weak | weak |
| ☑ Leaf: attitude lower third | upwards | 45 degrees | upwards |
| ☑ Leaf: attitude mid third | 45 degrees | horizontal | 45 degrees |
| ☑ Leaf: attitude upper third | horizontal | downwards | horizontal |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Can Can' | 'Cha Cha' | 'Torbay Dazzler' |
|---|---|---|---|
| ☑ Young leaf: number of colours on upper side | more than two | more than two | two |
| ☑ Young leaf: attitude of top half of leaf | semi-erect | horizontal | semi-erect |
| ☑ Young leaf: main colour of upper side (RHS Colour Chart) | brown 200B | greyed-orange 173B | green N137B |
| ☑ Young leaf: secondary colour of upper side (RHS colour chart) | red-purple 67A | green N137A | yellow 12D |
| ☐ Young leaf: distribution of secondary colour on upper side | margin zone | margin zone | margin zone |
| ☑ Young leaf: tertiary colour of upper side | medium green | medium yellow | |
| ☐ Young leaf: distribution of tertiary colour on upper side | midvein | midvein | |
| ☐ Young leaf: attitude of bottom half of leaf | erect | erect | erect to semi-erect |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| New Zealand | 2009 | Accepted | 'Can Can' |

First sold in New Zealand in April 2011 and in Australia in Sep: 2011.

Description**: Mark Lunghusen**, Australian Horticultural Services Pty Ltd, Lilydale, Vic 3140.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2011/303 |
| **Variety Name** | 'Silverado' |
| **Genus Species** | *Dianella tasmanica* |
| **Common Name** | Flax lily |
| **Synonym** | Nil |
| **Accepted Date** | 4 Oct 2013 |
| **Applicant** | Floraquest Pty Ltd, Pennant Hills, Australia |
| **Agent** | Touch of Class Plants Pty Ltd, Tynong, Australia |
| **Qualified Person** | Mark Lunghusen |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Tynong, Australia |
| **Descriptor** | Dianella (*Dianella)* PBR DIAN |
| **Period** | Autumn to Spring 2012 |
| **Conditions** | Plants were grown in 20cm pots in a covered polyhouse with no walls in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. |
| **Trial Design** | 10 plants in block design |
| **Measurements** | Taken from middle third of stem |
| **RHS Chart - edition** | Fifth edition |

**Origin and Breeding**

Spontaneous mutation: A seedling from an active breeding program was observed to have sported a variegated shoot in 2006. The variegation was stabilised through six cycles of propagation by division. A stable clone was selected and initiated into TC in 2009. Breeder Graham Brown

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Leaf | variegation | present |
| Leaf | width | narrow |
| Leaf | secondary colour | yellow |
| Leaf | distribution of secondary colour | marginal |

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

| Name | Comments |
|---|---|
| '*D. tasmanica* South Australian form' | |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'TAS300' | plant | height | very short | medium to tall | |
| 'TAS300' | plant | density of shoots | dense | sparse to medium | |
| 'TAS100' | plant | height | very short | short to medium | |

| | | | | |
|---|---|---|---|---|
| ‘TAS100’ | leaf | width | narrow | medium |
| ‘Rainbow’ | plant | height | very short | short to medium |
| ‘Rainbow’’ | plant | density of shoots | dense | medium |
| ‘Splice’ | plant | height | very short | short to medium |
| ‘Splice’ | leaf | width | narrow | medium |
| ‘*D. tasmanica* comm form’. | leaf | variegation | present | absent |

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

| Organ/Plant Part: Context | ‘Silverado’ | *D.* tasmanica South Australian form |
|---|---|---|
| ☐ Plant: growth habit | semi-erect | erect |
| ☐ Plant: height | very short | very short to short |
| ☑ Plant: density of shoots | dense | medium |
| ☐ Leaf: attitude | semi-erect | erect to semi-erect |
| ☑ Leaf: arching | medium to strong | weak |
| ☐ Leaf: width | narrow | narrow |
| ☐ Leaf: glaucosity of upper side | weak to medium | weak to medium |
| ☐ Leaf: colour of upper side (waxiness removed) (RHS colour chart) | green 137B | green 137A |
| ☐ Leaf: colour of lower side (waxiness removed) (RHS colour chart) | green 137B | green 137B |
| ☐ Leaf: variegation | present | present |
| ☐ Leaf: secondary colour of upper side (variegated leaves only) (RHS colour chart) | yellow 11D | yellow 11D |
| ☐ Leaf: shape of blade | linear | linear |
| ☑ Leaf: shape of apex | acute | apiculate |
| ☐ Leaf: cross-section | concave | concave |
| ☐ Leaf: spines on margin | present | present |
| ☐ Leaf: prominence of spines on margin | medium | weak to medium |
| ☐ Leaf: spines on lower side of midrib | present | present |
| ☐ Leaf: prominence of spines on lower side of midrib | weak | weak |

## Characteristics Additional to the Descriptor/TG

| Organ/Plant Part: Context | 'Silverado' | '*D.*South Australian form' |
|---|---|---|
| ☐ Leaf: distribution of secondary colour | margin | margin |
| ☑ Leaf: strength of secondary colour | very weak | strong |

## Prior Applications and Sales

Nil

First sold in Jan 2011 in Australia

Description: **Mark Lunghusen**, Australian Horticultural Services Pty Ltd, Lilydale, Vic 3140.

| **Details of Application** | |
|---|---|
| **Application Number** | 2008/058 |
| **Variety Name** | 'Xulan' |
| **Genus Species** | *Cannabis sativa* |
| **Common Name** | Industrial Hemp |
| **Synonym** | Frog One |
| **Accepted Date** | 30 Jul 2008 |
| **Applicant** | Patrick Steven Calabria, Griffith, NSW |
| **Agent** | N/A |
| **Qualified Person** | Patrick Calabria |
| | |
| **Details of Comparative Trial** | |
| **Location** | Griffith, NSW and Yenda, NSW |
| **Descriptor** | UPOV TG/CAN_SAT (Proj. 3) |
| **Period** | 2010 and 2013 |
| **Conditions** | Trial was conducted in open beds with adequate NPKS fertilisers on well drained soil. No insecticides or herbicides were used. Irrigation was applied according to requirements. |
| **Trial Design** | Three replicates of each variety in a randomised block design |
| **Measurements** | In accordance with the UPOV Technical Guidelines |
| **RHS Chart - edition** | N/A |
| | |
| **Origin and Breeding** | |
| Controlled pollination: Breeding work was commenced in June 2000 when twelve wild open-pollinated populations of hemp were grown and tested for less than 0.3% THC[1] content. Four selections were made on less than 0.3% THC content as well as late flowering and large seed size. The selected plants were then selfed for 8 generations to stabilise the traits and plants with unwanted characteristics were discarded. In 2008, a stable and uniform variety 'Xulan' was developed from the progeny of these selfed plants. Breeder: Patrick Calabria, Griffith, NSW. | |

[1]delta-9-tetrahydrocannabinol

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

| **Organ/Plant Part** | **Context** | **State of Expression in Group of Varieties** |
|---|---|---|
| Leaf | anthocyanin colouration | absent |
| Inflorescence | THC content | very low |
| Seedling | anthocyanin colouration | absent |
| Plant | Sex expression | dioecious |
| Stem | colour | green |
| Stem | pith in cross-section | thick |

| **Varieties of Common Knowledge identified and subsequently excluded** | | | | | |
|---|---|---|---|---|---|
| **Variety** | **Distinguishing Characteristics** | | **State of Expression in Candidate Variety** | **State of Expression in Comparator Variety** | **Comments** |
| 'Fortuna 77' | Seed | size | large to very large | small | Initially considered as a comparator but later was excluded |

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

| **Organ/Plant Part: Context** | **'Xulan'** | **'Kompolti'** |
|---|---|---|
| ☐ Seedling: shape of cotyledon | narrow elliptic | elliptic |
| ☐ Cotyledon: intensity of green colour | medium | medium |
| ☐ *Seedling: anthocyanin colouration | absent | absent |
| ☑ Time of: beginning of flowering (50% of plants with at least one male flower) | very late | early |
| ☑ Time of: beginning of flowering (50% of plants with at least one female flower) | very late | early to medium |
| ☐ *Plant: sex expression | dioecious | dioecious |
| ☐ Plant: number of primary branches | very few to few | very few to few |
| ☑ Stem: length of internode | long to very long | medium |
| ☐ Stem: thickness | thick to very thick | thick |
| ☑ Stem: number of ribs | many | very few to few |
| ☑ *Leaf: size | large | medium |
| ☐ Leaf: maximum number of leaflets on one petiole | many | medium |
| ☐ Central leaflet: length | very long | medium to long |
| ☐ Central leaflet: width | broad to very broad | medium to broad |
| ☐ Leaf: intensity of green colour | medium to dark | medium |
| ☐ *Leaf: anthocyanin colouration | absent | absent |
| ☐ *Petiole: anthocyanin colouration | weak | absent or very weak |
| ☐ Inflorescence: anthocyanin colouration of male flowers | weak | absent or very weak |
| ☑ Plant: height (flowering plant including inflorescence) | very tall | medium |
| ☐ *Stem: colour | green | green |
| ☑ *Time of: maturity (50% of plants with at least one hard, dry seed) | very late | early |
| ☑ Seed: size | large to very large | medium |
| ☐ Seed: colour of testa | brown | brown |
| ☐ Seed: shape in lateral view | semi broad elliptic | semi broad elliptic |

| **Characteristics Additional to the Descriptor/TG** | | |
|---|---|---|
| **Organ/Plant Part: Context** | **'Xulan'** | **'Kompolti'** |
| ☑ Seed: marbling | strong | medium |
| ☐ Stem: pith in cross-section | thick | thick |
| ☐ Inflorescence: THC content | very low | very low |

## Prior Applications and Sales

Nil.

Description: **Patrick Calabria**, Griffith, NSW.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2009/343 |
| **Variety Name** | 'Marcia's Flavor' |
| **Genus Species** | *Prunus* hybrid |
| **Common Name** | Interspecific Plum |
| **Synonym** | |
| **Accepted Date** | 22 January 2010 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, CA, USA. |
| **Agent** | Graham's Factree Pty Ltd, Hoddles Creek, VIC. |
| **Qualified Person** | Graham Fleming |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | The United States Patent and Trademarks Office |
| **Overseas Data Reference Number** | USPP15,088 |
| **Descriptor** | Japanese Plum (*Prunus salicina*) TG/84/3 |
| **Conditions** | Where possible the overseas information has been verified under local growing conditions. The US Plant Patent data was converted into standard characters in the UPOV technical Guideline for Plums |

**Origin and Breeding**

Controlled pollination: '16GG159' x 'Flavor Gem'. The new and distinct interspecific tree originated as a first generation cross between proprietary parent '16GG159' and 'Flavor Gem' Interspecific plum. A large number of these first generation seedlings were planted and observed growing on their own roots. In 1993 the present variety was selected for asexual propagation and commercialisation based on its desirable fruiting characteristics. It differs from its seed parent by maturing 27 days later and having higher productivity. It differs from its pollen parent by being 20 days earlier, smaller fruit size and is a clingstone. Breeder: Zaiger's Inc Genetics

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Tree | vigour | strong |
| Tree | habit | upright |
| Fruit | size | large |
| Stone | adherence to flesh | present |

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

| Name | Comments |
|---|---|
| 'Crimson Royale' | 'Crimson Royale' matures approximately the same time as 'Marcia's Flavor' however it blossoms earlier in the season and requires approximately 100 hrs less chill time and |

has no bleeding in the flesh.

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Royal Zee' | Maturity time | 35 days earlier | 35 days later | |

**Variety Description and Distinctness - Nominate Distinguishing Characteristics (tick) which distinguish the candidate from one or more of the comparators**

| Organ/Plant Part: Context | 'Marcia's Flavor' | 'Crimson Royale' |
|---|---|---|
| ☐ Tree: vigour | strong | strong |
| ☐ *Tree: habit | upright | upright |
| ☐ *Leaf blade: shape | elliptic | - |
| ☐ *Leaf blade: incisions of margin | serrate | bi-serrate |
| ☐ *Petiole: length | long | medium |
| ☐ Leaf: position of nectaries | equally on base of leaf blade and on petiole | equally on base of leaf blade and on petiole |
| ☐ *Stigma: position in relation to anthers | below | same level |
| ☐ *Fruit: size | large | large |
| ☐ *Fruit: shape of base | depressed | depressed |
| ☐ Fruit: shape of apex | rounded | truncate |
| ☐ *Fruit: bloom of skin | strong | strong |
| ☐ *Fruit: ground colour of skin | yellow | yellow |
| ☐ *Fruit: over colour of skin | medium red | medium red |
| ☑ *Fruit: pattern of over colour | flecks only | mottled |
| ☐ *Fruit: colour of flesh | yellow | yellow |
| ☐ Fruit: firmness | firm | firm |
| ☑ Fruit: juiciness | medium | high |
| ☐ *Fruit: adherence of stone to flesh | adherent | adherent |
| ☐ *Stone: size | large | large |
| ☑ *Time of: beginning of flowering | early to medium | medium to late |
| ☐ *Time of: beginning of fruit ripening | medium to late | medium to late |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Marcia's Flavor' | 'Crimson Royale' |
|---|---|---|
| ☑ Tree: Chill units | 650 | 550 |
| ☑ Bleeding: presence | under skin | absent |

| | | |
|---|---|---|
| ☐ Fruit: Brix(Mean $^{0}$Bx) | 19.2 | 22.8 |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2002 | Granted | 'Marcia's Flavor' |

First sold in USA August 2004.

Description**: Rebecca Fleming,** Hoddles Creek, VIC.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2006/355 |
| **Variety Name** | 'Crimson Glo' |
| **Genus Species** | *Prunus salicina* |
| **Common Name** | Japanese Plum |
| **Synonym** | |
| **Accepted Date** | 27th February 2007 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, CA, USA |
| **Agent** | Graham's Factree, Hoddles Creek, VIC |
| **Qualified Person** | Graham Fleming |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | US Patents and Trademarks Office |
| **Overseas Data Reference Number** | USPP12856 |
| **Location** | |
| **Descriptor** | Japanese Plum UPOV TG 84/4 |
| **Conditions** | Where possible the overseas data has been verified under local growing conditions. The US Patent data was converted into standard characters in the UPOV technical guidelines for Japanese plums |

**Origin and Breeding**

Controlled pollination: '46G731' x 'Friar'. This new and distinct plum tree (Prunus salicina), was developed by Zaiger's Inc. Genetics at their experimental orchard located near Modesto, California. It originated as a first generation cross of a seedling with the field identification number '46G731' with 'Friar' Plum (non-patented). A large number of these first generation seedlings were planted on their own root systems, grown and maintained under close observation. The present variety exhibited distinct and desirable fruit characteristics, and was selected for asexual propagation and commercialisation. It differs from its seed parent in maturing 47 days earlier and having a red flesh colour. It differs from its pollen parent in maturing 14 days earlier and having a nearly globose fruit with red flesh colour.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Tree | habit | upright |
| Fruit | flesh colour | medium red |
| Fruit | firmness | firm |
| Fruit | adherence of stone to flesh | present |
| Plant | time of beginning Of fruit ripening | early to medium |

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

| Name | Comments |
|---|---|
| 'Laroda' | 'Laroda' matures approximately 4 days later than 'Crimson Glo', has amber flesh and medium sized fruit. |
| 'Queen Ann' | 'Queen Ann' is a heart shaped plum that matures approximately 7 days later than 'Crimson Glo' |
| 'Primetime' | 'Primetime' matures approximately 2 days earlier than 'Crimson Glo'. The fruit is not as round as 'Crimson Glo' and is more red in colour. |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Laroda' | fruit:flesh colour | red | yellow | |
| 'Laroda' | fruit:size | large | medium | |
| 'Queen Ann' | fruit: maturity | 7 days earlier | 7 days later | |
| 'Queen Ann' | fruit: shape | nearly globose | heart shaped | |

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

| | Organ/Plant Part: Context | 'Crimson Glo' | 'Primetime' |
|---|---|---|---|
| ☑ | Tree: vigour | strong | medium |
| ☐ | *Tree: habit | upright | upright |
| ☐ | *Leaf blade: length | medium | medium to long |
| ☐ | *Leaf blade: width | medium | medium to broad |
| ☑ | *Leaf blade: shape | elliptic | ovate |
| ☑ | *Leaf blade: incisions of margin | bi-serrate | serrate |
| ☐ | *Stigma: position in relation to anthers | above | - |
| ☐ | *Fruit: size | medium to large | very large |
| ☑ | *Fruit: shape in lateral view | circular | cordate |
| ☐ | *Fruit: depth of suture | shallow | absent or very shallow |
| ☐ | *Fruit: bloom of skin | medium | - |
| ☐ | *Fruit: ground colour of skin | yellow | - |

| | | | |
|---|---|---|---|
| ☐ | *Fruit: over colour of skin | purple | dark red |
| ☐ | *Fruit: pattern of over colour | flecks only | flecks only |
| ☐ | *Fruit: colour of flesh | medium red | medium red |
| ☐ | Fruit: firmness | firm | firm |
| ☑ | Fruit: juiciness | medium | high |
| ☐ | Fruit: acidity | medium | medium |
| ☐ | Fruit: sweetness | medium | medium |
| ☐ | *Fruit: adherence of stone to flesh | adherent | adherent |
| ☐ | *Stone: size | medium | medium |
| ☐ | *Time of: beginning of flowering | early to medium | early to medium |
| ☐ | *Time of: beginning of fruit ripening | early to medium | early to medium |

## Characteristics Additional to the Descriptor/TG

**Organ/Plant Part: Context**

| | | | |
|---|---|---|---|
| ☑ | Tree: Chill units(Hrs) | 750 | 800 |
| ☑ | Fruit: Brix (Mean $^{0}$Bx ) | 15.8 | - |
| ☑ | Tree: self-sterility | present | absent |

## Prior Applications and Sales

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| US | 2001 | Granted | ‘Crimson Glo’ |
| European Union | 2003 | Granted | ‘Crimson Glo’ |

First sold in USA in August 2002.

Description: **Rebecca Fleming,** Hoddles Creek, VIC.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2006/356 |
| **Variety Name** | 'Rubirosa' |
| **Genus Species** | *Prunus salicina* |
| **Common Name** | Japanese Plum |
| **Synonym** | |
| **Accepted Date** | 27th February 2007 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, CA, USA |
| **Agent** | Graham's Factree Pty Ltd, Hoddles Creek, VIC. |
| **Qualified Person** | Graham Fleming |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | US Patents and Trademarks Office |
| **Overseas Data Reference Number** | PP13506 |
| **Descriptor** | Japanese Plum UPOV TG 84/3 |
| **Conditions** | Where possible the overseas data has been verified under local growing conditions. The US plant data was converted into standard characters in the UPOV technical guideline for plum. |

**Origin and Breeding**

Controlled pollination: '74LA323' x '31GF169'. The new variety was developed at breeder's experimental orchard as the first generation cross of these proprietary lines. A large number of these first generation crosses were planted and observed growing on their own roots. In 1993, the new variety was chosen for asexual propagation and commercialisation based on its desirable fruiting characteristics. The new variety exhibited distinct characteristics which have remained uniform and stable for a number of generations. Breeders: Zaiger's Inc Genetics.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Tree | vigour | strong |
| Tree | self-sterility | present |
| Fruit | time of ripening | early |
| Fruit | skin overcolour | dark red |
| Fruit | flesh colour | yellow |
| Fruit | firmness | firm |

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

| Name | Comments |
|---|---|
| 'Candy Gem' | A plum with a mostly purple coloured skin, yellow flesh and medium to small size. |
| 'Red Beut' | An early ripening plum with reddish-purple Skin, yellow flesh. |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Red Beut' | Fruit maturity | 7 days later | 7 days ealier | |

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

| | Organ/Plant Part: Context | 'Rubirosa' | 'Candy Gem' |
|---|---|---|---|
| ☐ | Tree: vigour | strong | strong |
| ☑ | *Tree: habit | upright | spreading |
| ☐ | *Leaf blade: length | medium | medium |
| ☐ | *Leaf blade: width | medium | medium |
| ☐ | *Leaf blade: shape | elliptic | elliptic |
| ☐ | *Leaf blade: incisions of margin | serrate | serrate |
| ☑ | Leaf: position of nectaries | equally on base of leaf blade and on petiole | predominantly on petiole |
| ☐ | Flower: diameter | medium | |
| ☐ | *Petal: shape | elliptic | elliptic |
| ☐ | *Stigma: position in relation to anthers | below | above |
| ☐ | Fruit: length of stalk | medium | medium |
| ☑ | *Fruit: size | medium | small to medium |
| ☐ | *Fruit: shape in lateral view | circular | obovate |
| ☐ | Fruit: shape of apex | rounded | rounded |
| ☐ | *Fruit: depth of suture | absent or very shallow | absent or very shallow |
| ☐ | *Fruit: bloom of skin | strong | strong |
| ☐ | *Fruit: ground colour of skin | yellow | yellow |
| ☐ | *Fruit: relative area of over colour | very large or whole surface | very large or whole surface |
| ☐ | *Fruit: over colour of skin | dark red | |
| ☐ | *Fruit: pattern of over colour | flecks only | flecks only |
| ☐ | *Fruit: colour of flesh | yellow | yellow |
| ☐ | Fruit: firmness | firm | firm |
| ☑ | Fruit: juiciness | medium | high |
| ☐ | *Fruit: adherence of stone to flesh | adherent | adherent |
| ☑ | Fruit: amount of fiber | low | high |

| | | | |
|---|---|---|---|
| ☐ | *Stone: size | medium | - |
| ☑ | *Stone: shape in lateral view | broad ovate | - |
| ☑ | *Time of: beginning of flowering | medium to late | early |
| ☐ | *Time of: beginning of fruit ripening | early | early |

**Characteristics Additional to the Descriptor/TG**

**Organ/Plant Part: Context**

| | | | |
|---|---|---|---|
| ☐ | Tree: self-sterility | present | present |
| ☐ | Tree: chill units(hrs) | 800 | - |
| ☐ | Fruit juice: mean brix($^0$Bx) | 14.7 | 17.0 |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2002 | Granted | 'Rubirosa' |

First sold in USA January 2003.

Description: **Rebecca Fleming,** Hoddles Creek, VIC.

| **Details of Application** | |
|---|---|
| **Application Number** | 2002/292 |
| **Variety Name** | 'CPN1' |
| **Genus Species** | *Citrus limon* |
| **Common Name** | Lemon |
| **Synonym** | Nil |
| **Accepted Date** | 04 Nov 2002 |
| **Applicant** | John Marshall, Clyde, VIC |
| **Agent** | N/A |
| **Qualified Person** | Mark Lunghusen |
| | |
| **Details of Comparative Trial** | |
| **Location** | Clyde, VIC |
| **Descriptor** | Lemon (Citrus) TG/203/1 |
| **Period** | Dec 2012 to Sept 2013 |
| **Conditions** | Plants were grown in 25cm pots in the open air in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on the ground covered in gravel with overhead watering. Plants are grown from cuttings and are approximately two years old. |
| **Trial Design** | 10 plants in block design |
| **Measurements** | Taken from middle third of stem |
| **RHS Chart - edition** | Fifth edition |
| | |
| **Origin and Breeding** | |
| Spontaneous mutation: A chance mutation occurred from *Citrus Limon* 'Meyer Dwarf' during 1999. Cuttings were taken from this mutation and grown on through many generations to determine stability and uniformity. Breeder John Marshall, Clyde, VIC. | |

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

| **Organ/Plant Part** | **Context** | **State of Expression in Group of varieties** |
|---|---|---|
| Fruit | presence of neck | absent |
| Fruit | presence of nipple | present |
| Fruit surface | predominant colour | medium yellow |
| Young leaf | presence of anthocyanin colouration | present |
| Fruit | length | long or medium to long |

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

| **Name** | **Comments** |
|---|---|
| *Citrus limon* 'Meyer Dwarf' | Parent plant |

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

| Organ/Plant Part: Context | 'CPN1' | 'Meyer Dwarf' |
|---|---|---|
| ☑ *Tree: growth habit | spreading | upright |
| ☑ Tree: density of spines | intermediate | absent or sparse |
| ☐ *Young leaf: presence of anthocyanin colouration | present | present |
| ☐ Young leaf: intensity of anthocyanin colouration | strong | strong |
| ☐ Leaf blade: shape in cross section | straight or weakly concave | straight or weakly concave |
| ☐ Leaf blade: twisting | absent or weak | absent or weak |
| ☐ Leaf blade: undulation of margin | absent or weak | absent or weak |
| ☐ Leaf blade: incisions of margin | crenate | crenate |
| ☑ Leaf blade: shape of apex | acuminate | acute |
| ☐ Leaf blade: emargination at tip | absent | absent |
| ☑ Petiole: presence of wings | present | absent |
| ☑ Petiole: width of wings (varieties with petiole wings present only) | very narrow | n/a |
| ☐ Flower bud: presence of anthocyanin colouration | present | present |
| ☐ Flower bud: intensity of anthocyanin colouration | strong | strong |
| ☑ Flower: diameter of calyx | small | medium |
| ☑ Flower: length of petal | short | medium |
| ☐ Flower: width of petal | narrow to medium | narrow to medium |
| ☑ Flower: length of stamens | short | medium |
| ☐ Flower: basal union of stamens | present | present |
| ☐ Anther: colour | medium yellow | medium yellow |
| ☐ Style: length | medium | medium |
| ☐ Infructescence: clustering of fruits | present | present |
| ☐ *Fruit: length | long | medium to long |
| ☑ *Fruit: diameter | medium | large |
| ☐ *Fruit: position of broadest part | at middle | at middle |
| ☐ Fruit: general shape of proximal part | strongly rounded | strongly rounded |

| | | |
|---|---|---|
| ☐ *Fruit: presence of neck | absent | absent |
| ☐ *Fruit: presence of depression at stalk end (varieties without fruit neck only) | absent | absent |
| ☐ Fruit: general shape of distal part | strongly rounded | strongly rounded |
| ☐ *Fruit: presence of nipple | present | present |
| ☐ Fruit: prominence of nipple | medium to strong | medium to strong |
| ☐ Fruit: presence of radial grooves at distal end | absent | absent |
| ☐ Fruit: colour of variegation | absent | absent |
| ☐ Fruit surface: predominant colours | medium yellow | medium yellow |
| ☐ *Fruit surface: glossiness | weak | weak |
| ☐ Fruit surface: roughness | smooth to medium | smooth to medium |
| ☐ Fruit surface: size of oil glands | all more or less the same size | all more or less the same size |
| ☐ Fruit surface: size of larger oil glands | small | small |
| ☐ Fruit surface: conspicuousness of larger oil glands | weak to medium | weak to medium |
| ☐ Fruit surface: presence of pitting and pebbling on oil glands | pitting and pebbling present | pitting and pebbling present |
| ☐ Fruit surface: density of pitting (varieties with fruit surface: pitting on oil glands present only) | medium | medium |
| ☐ *Fruit rind: thickness | medium to thick | medium to thick |
| ☐ *Fruit rind: oiliness | dry to medium | dry to medium |
| ☐ *Fruit: main colour of flesh | light yellow | light yellow |
| ☐ Fruit: filling of core | dense | dense |
| ☐ Fruit: diameter of core | small to medium | medium to large |
| ☐ Fruit: presence of rudimentary segments | intermediate | intermediate |
| ☐ Fruit: number of well developed segments | medium | medium |
| ☐ Fruit: strength of segment walls | strong | strong |
| ☑ Fruit: length of juice vesicles | short to medium | long |
| ☐ Fruit: thickness of juice vesicles | medium to thick | medium |

| | | |
|---|---|---|
| ☐ Fruit: conspicuousness of juice vesicle walls | medium | medium |
| ☐ Fruit: coherence of juice vesicles | strong | strong |
| ☑ Fruit: juiciness | medium | low |
| ☐ Fruit: number of seeds (open pollination) | few | absent or very few |
| ☐ *Flowering: habit | flowering once | flowering once |
| ☑ *Time of: maturity of fruit for consumption | early | medium |
| ☐ *Fruit: parthenocarpy | absent | absent |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'CPN1' | 'Meyer Dwarf' |
|---|---|---|
| ☐ Leaf blade: green colour (RHS) | 137BA | 137C |

**Statistical Table**

| Organ/Plant Part: Context | 'CPN1' | 'Meyer Dwarf' |
|---|---|---|
| ☑ Plant: height (cm) | | |
| Mean | 34.89 | 49.22 |
| Std. Deviation | 6.21 | 7.31 |
| LSD/sig | 11.04 | P≤0.01 |
| ☑ Leaf: length (cm) | | |
| Mean | 84.80 | 95.62 |
| Std. Deviation | 10.19 | 13.59 |
| LSD/sig | 8.34 | P≤0.01 |
| ☑ Leaf: width (cm) | | |
| Mean | 41.88 | 49.90 |
| Std. Deviation | 4.76 | 7.14 |
| Lsd/sig | 5.72 | P≤0.01 |
| ☐ Petiole: length (cm) | | |
| Mean | 10.53 | 11.51 |
| Std. Deviation | 1.39 | 2.06 |
| LSD/sig | 5.17 | ns |

**Prior Applications and Sales**

Prior Application: Nil.
First sold in Australia in Feb 2003

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

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/140 |
| **Variety Name** | 'ASMeyer' |
| **Genus Species** | *Citrus limon* |
| **Common Name** | Lemon |
| **Synonym** | Nil |
| **Accepted Date** | 25 Sep 2013 |
| **Applicant** | Andrew Stark, Mt Elisa, Vic |
| **Agent** | Touch of Class plants Pty Ltd, Tynong, Vic |
| **Qualified Person** | Mark Lunghusen |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Tynong, Vic |
| **Descriptor** | Lemon (*Citrus*) TG/203/1 |
| **Period** | Nov 2012-Sept 2013 |
| **Conditions** | Plants were grown in 30cm pots in the open air in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. Plants are grown from cuttings and are approximately two years old. |
| **Trial Design** | 10 plants in block design |
| **Measurements** | Taken from middle third of stem |
| **RHS Chart - edition** | Fifth edition |

**Origin and Breeding**

Spontaneous mutation: A shorter growing mutation appeared on a garden plant of the parent Meyer Lemon, cuttings were taken from this mutation and grown out to determine uniformity and stability. Breeder Andrew Stark, Mt Elisa, Vic.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Young leaf | presence of anthocyanin colouration | present |
| Fruit | length | medium to long |
| Fruit | presence of nipple | present |
| Fruit surface | predominant colour | medium yellow |
| Plant | height | short |

| Name | Comments |
|---|---|
| 'CPN1' | closest growing variety based on plant height |
| 'Meyer Lemon' | parent 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 | 'ASMeyer' | 'CPN1' | 'Meyer Lemon' |
|---|---|---|---|
| ☐ *Tree: growth habit | upright | upright | upright |
| ☐ Tree: density of spines | intermediate | intermediate | intermediate |

| | | | |
|---|---|---|---|
| Tree: length of spines | medium | medium | medium |
| *Young leaf: presence of anthocyanin colouration | present | present | present |
| Young leaf: intensity of anthocyanin colouration | weak | weak | strong |
| Leaf blade: length | medium | medium | long |
| Leaf blade: width | medium | medium | medium to broad |
| Leaf blade: shape in cross section | strongly concave | strongly concave | intermediate |
| Leaf blade: green colour | light | light | dark |
| Leaf blade: undulation of margin | absent or weak | absent or weak | intermediate |
| Leaf blade: incisions of margin | crenate | crenate | crenate |
| Leaf blade: shape of apex | acuminate | acuminate | acute |
| Leaf blade: emargination at tip | absent | absent | present |
| Petiole: length | medium | medium | medium |
| Petiole: presence of wings | present | present | absent |
| Petiole: width of wings (varieties with petiole wings present only) | very narrow | very narrow | |
| Flower bud: presence of anthocyanin colouration | present | present | present |
| Flower bud: intensity of anthocyanin colouration | strong | strong | strong |
| Flower: diameter of calyx | small | small to medium | medium |
| Flower: length of petal | short | short to medium | medium |
| Flower: width of petal | narrow to medium | narrow to medium | narrow to medium |
| Flower: length of stamens | short | medium | medium |
| Flower: basal union of stamens | present | present | present |
| Anther: colour | medium yellow | medium yellow | medium yellow |
| Style: length | medium | medium | medium |
| Infructescence: clustering of fruits | present | present | present |
| *Fruit: length | medium to long | medium to long | long |
| *Fruit: diameter | medium | narrow to medium | medium |
| *Fruit: position of broadest part | towards distal end | towards distal end | towards distal end |
| Fruit: general shape of proximal part | strongly rounded | strongly rounded | tapered |
| *Fruit: presence of neck | absent | absent | present |
| *Fruit: presence of depression at stalk | absent | absent | |

| | | | |
|---|---|---|---|
| end (varieties without fruit neck only) | | | |
| ☐ Fruit: general shape of distal part | slightly rounded | slightly rounded | strongly rounded |
| ☐ *Fruit: presence of nipple | present | present | present |
| ☑ Fruit: prominence of nipple | medium to strong | medium to strong | very strong |
| ☐ Fruit: presence of radial grooves at distal end | absent | absent | absent |
| ☐ Fruit: colour of variegation | absent | absent | absent |
| ☐ Fruit surface: predominant colours | medium yellow | medium yellow | medium yellow |
| ☐ *Fruit surface: glossiness | medium | medium | medium |
| ☑ Fruit surface: roughness | medium | smooth | very rough |
| ☐ Fruit surface: size of oil glands | all more or less the same size | all more or less the same size | all more or less the same size |
| ☑ Fruit surface: size of larger oil glands | small | small | medium |
| ☑ Fruit surface: conspicuousness of larger oil glands | weak to medium | weak to medium | strong |
| ☐ Fruit surface: presence of pitting and pebbling on oil glands | pitting present, pebbling absent | pitting present, pebbling absent | pitting and pebbling present |
| ☐ Fruit surface: density of pitting (varieties with fruit surface: pitting on oil glands present only) | dense | dense | very dense |
| ☐ *Fruit rind: thickness | medium to thick | medium to thick | thick |
| ☐ *Fruit rind: oiliness | dry to medium | dry to medium | dry to medium |
| ☐ *Fruit: main colour of flesh | light yellow | light yellow | light yellow |
| ☐ Fruit: filling of core | dense | dense | dense |
| ☑ Fruit: diameter of core | medium | small | small |
| ☐ Fruit: presence of rudimentary segments | intermediate | intermediate | intermediate |
| ☐ Fruit: number of well developed segments | medium to many | medium to many | medium to many |
| ☐ Fruit: strength of segment walls | medium | medium | medium |
| ☑ Fruit: length of juice vesicles | short to medium | medium to long | medium to long |
| ☐ Fruit: thickness of juice vesicles | thin to medium | thin to medium | thin to medium |
| ☐ Fruit: conspicuousness of juice vesicle walls | very low to low | very low to low | very low to low |
| ☐ Fruit: coherence of juice vesicles | weak | weak | weak |
| ☑ Fruit: juiciness | medium | medium to high | low |
| ☑ Fruit: number of seeds (open | few | absent or very | absent or very |

| | | | |
|---|---|---|---|
| pollination) | | few | few |
| *Flowering: habit | flowering once | flowering once | flowering once |
| *Time of: maturity of fruit for consumption | early | medium | medium |
| *Fruit: parthenocarpy | absent | absent | absent |
| Plant: self-incompatibility | absent | absent | absent |

## Prior Applications and Sales

Nil

Description: **Mark Lunghusen,** Australian Horticultural Services Pty Ltd, Lilydale, Vic 3140.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2011/297 |
| **Variety Name** | 'Auvona' |
| **Genus Species** | *Lactuca sativa* |
| **Common Name** | Lettuce |
| **Synonym** | |
| **Accepted Date** | 5 January 2012 |
| **Applicant** | Rijk Zwaan Zaadteelt en Zaadhandel B.V. The Netherlands |
| **Agent** | Rijk Zwaan Australia Pty Ltd, Dayelsford, VIC. |
| **Qualified Person** | |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Raad voor Plantenrassen, The Netherlands |
| **Overseas Data Reference Number** | SLA02917 TP/13/4 |
| **Location** | Roelofarendsveen , The Netherlands |
| **Descriptor** | Lettuce UPOV TG13/4 |
| **Period** | 2011-2012 |

**Origin and Breeding**

Controlled pollination: 'Heart's Delight' x 'Actarus'. Modified pedigree method was used. Main selection criteria: *Bremia* resistance, multileaf trait and absence of tip burn. The candidate variety differs from its seed parent in having resistance to several isolates of Bremia, lat bolting under long day conditions and solid venation in leaves. It differs from pollen parent in having strong leaf blistering and having more closed head shape and resistance to a few different isolates of Bremia. Breeder: Rijk Zwaan Zaadteelt en Zaadhandel B.V. The Netherlands.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Seed | colour | white |
| Leaf | anthocyanin colouration | absent |
| Plant | time of beginning of bolting | very late |
| Plant | resistance to isolate B1:16 | absent |
| Plant | type | cos lettuce |
| Plant | type of culture | in the open |

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

| Name | Comments |
|---|---|
| 'Esala' | |

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

| Organ/Plant Part: Context | 'Auvona' | 'Easala' |
|---|---|---|
| ☐ *Seed: colour | white | white |
| ☐ *Seedling: anthocyanin colouration | absent | absent |
| ☐ Leaf: attitude at 10-12 leaf stage | erect to semi-erect | erect to semi-erect |
| ☐ Leaf blade: division | entire | entire |
| ☐ *Plant: diameter | medium to large | medium to large |
| ☐ *Plant: head formation | closed head | closed head |
| ☑ Head: degree of overlapping of upper part of leaves (varieties with closed head formation only) | medium to strong | weak to medium |
| ☐ Head: density | medium | medium to dense |
| ☐ Head: size | medium to large | medium |
| ☐ Leaf: thickness | medium to thick | medium to thick |
| ☐ Leaf: attitude at harvest maturity | erect | erect to semi-erect |
| ☐ *Leaf: shape | narrow elliptic | narrow elliptic |
| ☐ Leaf: shape of tip | rounded | rounded |
| ☐ *Leaf: hue of green colour of outer leaves | absent | absent |
| ☐ *Leaf: intensity of colour of outer leaves | medium to dark | medium to dark |
| ☐ *Leaf: anthocyanin colouration | absent | absent |
| ☐ Leaf: glossiness of upper side | medium | weak to medium |
| ☐ *Leaf: blistering | strong | medium to strong |
| ☐ Leaf: size of blisters | very small to small | medium |
| ☐ *Leaf blade: degree of undulation of margin | absent or very weak | very weak to weak |
| ☐ Leaf blade: incisions of margin on apical part | absent | absent |
| ☐ Leaf blade: venation | not flabellate | not flabellate |
| ☐ Axillary: sprouting | weak | absent or very weak |
| ☐ Time of: harvest maturity | very late | very late |
| ☐ *Time of: beginning of bolting under long day conditions | very late | very late |
| ☐ Plant: fasciation | present | present |
| ☐ Plant: intensity of fasciation | strong to very strong | very strong |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:2 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:5 | present | present |

| | | |
|---|---|---|
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:7 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:12 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:14 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:15 | present | present |
| ☐ *Resistance to: downy mildew(*Bremia lactucae*) Isolate Bl:16 | absent | absent |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:17 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:18 | present | present |
| ☐ Resistance to: downy mildew *(Bremia lactucae*) Isolate Bl:20 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:21 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:22 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:23 | absent | absent |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:24 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate Bl:25 | present | present |
| ☐ Resistance to: downy mildew (*Bremia lactucae*) Isolate BI: 26 | present | present |
| ☑ Resistance to: downy mildew (*Bremia lactucae*) Isolate BI:27 | absent | present |
| ☑ Resistance to: lettuce mosaic virus (LMV) Strain Ls 1 | absent | present |
| ☑ Resistance to: *Nasonovia ribisnigri* biotype Nr:0 | absent | present |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Auvona' | 'Easala' |
|---|---|---|
| ☐ Head: shape in longitudinal section | narrow elliptic | elliptic |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Netherlands | 2010 | Accepted | ‘Auvona’ |
| EU | 2010 | Accepted | ‘Auvona’ |

First sold in April 2011.

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

**Details of Application**

| | |
|---|---|
| **Application Number** | 2009/085 |
| **Variety Name** | 'Redlil' |
| **Genus Species** | *Syzygium australe* |
| **Common Name** | Lilly Pilly |
| **Synonym** | Nil |
| **Accepted Date** | 28 Sep 2009 |
| **Applicant** | Agbiz Holdings Pty Ltd, Somerville, VIC. Greenhills Propagation Nursery Pty Ltd, Tynong, VIC. |
| **Agent** | Greenhills Propagation Nursery Pty Ltd, Tynong, VIC. |
| **Qualified Person** | Mark Lunghusen |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Tynong, Vic |
| **Descriptor** | Lilly Pilly (*Acmena smithii/Syzygium* sp) PBR LILL |
| **Period** | Autumn to Spring 2012 |
| **Conditions** | Plants were grown in 20cm pots in the open air in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. |
| **Trial Design** | 10 plants in block design |
| **Measurements** | Taken from middle third of stem |
| **RHS Chart - edition** | Fifth edition |

**Origin and Breeding**

Open pollination followed by seedling selection: seed was harvested from plants grown in large pots the breeder's property. The candidate variety was selected from the resultant seedlings grown at Tynong Vic, based on its upright growth habit and foliage colour. Asexual propagation of the new cultivar by cuttings has shown that the unique features of this new variety are stable and reproduced true to type in successive generations. Selection criteria: upright growth habit and foliage colour. Breeder: Alan Sonderlund, Tynong Vic.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Stem | basal diameter | medium |
| Stem | colour of mature stem | grey-brown |
| Leaf | shape of blade | elliptic |
| Leaf | variegation | absent |

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

| Name | Comments |
|---|---|
| 'OTC1' | |
| 'Orange Twist' | |
| 'Birdsville' | |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | | Comments |
|---|---|---|---|---|---|
| 'Townsville' | leaf | shape | elliptic | ovate | |
| '4tune8one' | leaf | variegation | absent | present | |
| 'Tayla-Made3' | plant | height | tall | 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 | 'Redlil' | 'Birdsville' | 'Orange Twist' | 'OTC1' |
|---|---|---|---|---|
| ☑ Plant: growth habit | upright | spreading to bushy | bushy | strongly upright |
| ☑ Plant: height | tall | short to medium | short to medium | tall |
| ☐ Plant: branch density | medium to dense | dense | dense | dense |
| ☑ Stem: branch angle | 45 degrees | spreading | 45 degrees to erect | erect |
| ☐ Stem: internode length | medium | short to medium | medium to long | medium to long |
| ☐ Stem: basal diameter | medium | medium | medium | medium |
| ☐ Stem: colour of mature stem (RHS colour chart) | greyed-brown 199D | greyed-brown 197D | greyed-brown 199D | greyed-brown 199C |
| ☑ Stem: colour of new growth (RHS colour chart) | greyed-range 175A | yellow-green 146B | orange-red 34A | orange-red 34A |
| ☑ Leaf: blade length | long | medium | medium | long |
| ☐ Leaf: blade width | medium | narrow to medium | narrow to medium | medium |
| ☐ Leaf: petiole length | very short | very short | very short | very short |
| ☐ Leaf: shape of blade | elliptic | elliptic | elliptic | elliptic |
| ☐ Leaf: shape of apex | apiculate | apiculate | apiculate | apiculate |
| ☑ Leaf: shape of base | acuminate | acuminate | obtuse | obtuse |
| ☑ Leaf: glossiness | medium | strong | medium | medium |
| ☐ Leaf: shape of cross section | flat to concave | flat to concave | flat to concave | concave |
| ☐ Leaf: shape of longitudinal section | convex to flat | convex | convex to flat | convex to flat |
| ☑ Leaf: stiffness | strong | weak to medium | strong | strong |
| ☐ Leaf: prominence of midrib on lower surface | prominent | prominent | prominent | prominent |
| ☐ Mature leaf: primary colour of upper side (RHS colour chart) | green N137A | green 137B | green N137A | green 137A |

| | | | | |
|---|---|---|---|---|
| ☐ Mature leaf: primary colour of lower side (RHS colour chart) | yellow-green 146B | yellow-green 146D | yellow-green 146C | yellow-green 146B |
| ☐ Partly mature leaf: primary colour of upper side (RHS colour chart) | yellow-green 146A | yellow-green 152C | yellow-green 146B | yellow-green 152C |
| ☐ Partly mature leaf: primary colour of lower side (RHS colour chart) | yellow-green 146C | yellow-green 144B | yellow-green 146D | yellow-green 146D |
| ☑ Newly emerged: upper side (RHS colour chart) | yellow-green 152A | yellow-green 152C | orange-red N34A | orange-red 34A |
| ☐ Leaf: variegation | absent | absent | absent | absent |
| ☐ Leaf: petiole colour (RHS colour chart) | greyed-brown 199A | greyed-brown 199A | greyed-brown 199A | greyed-brown 199A |

## Prior Applications and Sales

Nil

Description: **Mark Lunghusen,** Australian Horticultural Services Pty Ltd, Lilydale, Vic 3140

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/180 |
| **Variety Name** | 'OTC1' |
| **Genus Species** | *Syzygium australe* |
| **Common Name** | Lilly Pilly |
| **Synonym** | Nil |
| **Accepted Date** | 04 Feb 2013 |
| **Applicant** | Agbiz Holdings Pty Ltd, Somerville, Vic. |
| **Agent** | Touch of Class Plants Pty Ltd, Tynong, Vic. |
| **Qualified Person** | Mark Lunghusen |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Tynong, Vic |
| **Descriptor** | Lilly Pilly (*Acmena smithii/Syzygium sp*) PBR LILL |
| **Period** | Autumn to Spring 2012 |
| **Conditions** | Plants were grown in 20cm pots in the open air in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. |
| **Trial Design** | 10 plants in block design |
| **Measurements** | Taken from middle third of stem |
| **RHS Chart - edition** | Fifth edition |

**Origin and Breeding**

Spontaneous mutation: In October 2009 a branch mutation was observed on a single plant of *Syzygium australe* 'Orange Twist' that had short internodes. Cuttings were taken from this mutation and grown on to assess distinctness, uniformity and stability, with the candidate variety growing with a compact habit and short internodes. Breeder Alan Soderlund, Somerville, Vic.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Stem | basal diameter | medium |
| Stem | colour of mature stem | grey-brown |
| Leaf | shape of blade | elliptic |

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

| Name | Comments |
|---|---|
| 'Redlil' | |
| 'Orange Twist' | Parent plant and closest variety |
| 'Birdsville' | |

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

| Organ/Plant Part: Context | 'OTC1' | 'Birdsville' | 'Orange Twist' | 'Redlil' |
|---|---|---|---|---|
| ☑ Plant: growth habit | strongly upright | spreading to bushy | bushy | upright |
| ☑ Plant: height | tall | short to medium | medium | tall |

| | | | | |
|---|---|---|---|---|
| ☐ Plant: branch density | dense | dense | dense | medium to dense |
| ☑ Stem: branch angle | erect | spreading | 45 degrees to erect | 45 degrees |
| ☑ Stem: internode length | medium to long | short to medium | medium to long | medium |
| ☐ Stem: basal diameter | medium | medium | medium | medium |
| ☐ Stem: colour of mature stem (RHS colour chart) | grey-brown 199C | greyed-brown 197D | greyed brown 199D | grey-brown 199D |
| ☑ Stem: colour of new growth (RHS colour chart) | orange red 34A | yellow-green 146B | orange-red 34A | Greyed-orange 175A |
| ☑ Leaf: blade length | long | medium | medium | long |
| ☐ Leaf: blade width | medium | narrow to medium | narrow to medium | medium |
| ☐ Leaf: petiole length | very short | very short | very short | very short |
| ☐ Leaf: shape of blade | elliptic | elliptic | elliptic | elliptic |
| ☐ Leaf: shape of apex | apiculate | apiculate | apiculate | apiculate |
| ☑ Leaf: shape of base | obtuse | acuminate | obtuse | acuminate |
| ☑ Leaf: glossiness | medium | strong | medium | medium |
| ☐ Leaf: shape of cross section | concave | flat to concave | flat to concave | flat to concave |
| ☐ Leaf: shape of longitudinal section | convex to flat | convex | convex to flat | convex to flat |
| ☑ Leaf: stiffness | strong | weak to medium | strong | strong |
| ☐ Leaf: prominence of midrib on lower surface | prominent | prominent | prominent | prominent |
| ☐ Mature leaf: primary colour of upper side (RHS colour chart) | green 137A | green 137B | green N137A | green N137A |
| ☐ Mature leaf: primary colour of lower side (RHS colour chart) | yellow-green 146B | yellow-green 146D | yellow-green 146C | yellow-green 146B |
| ☐ Partly mature leaf: primary colour of upper side (RHS colour chart) | yellow-green 152C | yellow-green 152C | yellow-green 146B | yellow-green 146A |
| ☐ Partly mature leaf: primary colour of lower side (RHS colour chart) | yellow-green 146D | yellow-green 144B | yellow-green 146D | yellow-green 146C |
| ☑ Newly emerged: upper side (RHS colour chart) | orange-red 34A | yellow-green 152C | orange-red N34A | yellow-green 152A |
| ☐ Leaf: variegation | absent | absent | absent | absent |
| ☐ Leaf: petiole colour (RHS colour chart) | grey-brown 199A | greyed-brown 199A | greyed-brown 199A | grey-brown 199A |

## Prior Applications and Sales

Nil

Description: **Mark Lunghusen,** Australian Horticultural Services Pty Ltd, Lilydale, Vic 3140.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/262 |
| **Variety Name** | 'SuperNova' |
| **Genus Species** | *Medicago sativa* |
| **Common Name** | Lucerne |
| **Synonym** | Speeda |
| **Accepted Date** | 22nd January 2013 |
| **Applicant** | Seed Genetics International, Unley, SA |
| **Agent** | |
| **Qualified Person** | Ms Joanne Williams |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Keith, SA |
| **Descriptor** | Lucerne UPOV TG/6/5 |
| **Period** | 2011-2013 |
| **Conditions** | A comparative trial was conducted in a commercial field with flood irrigation. Plants were propagated from seed sown at 5kg/ha in plots 10 x 2m on 12th of July 2011. |
| **Trial Design** | RCBD with 3 replicates. |
| **Measurements** | Observations were taken from sixty randomly selected plants, when the plants were at their most dormant, so the winter activity characteristics could be easily distinguishable. Observations of plant growth habit, height and flowering were also recorded. Number of racemes and pods per stem were measured to determine seed yield and this was then correlated with the seed yield measured by the plot header. |

**Origin and Breeding**

Open pollination: 'SuperNova' was developed after three cycles of mass selections from populations of 'SuperSonic', 'SuperSequel', two breeding lines from SGI's genetic centre, RD112 and RD110 and from various elite breeding germplasm from the US. The main selection criteria were improved seed yield and high winter activity. Strong selections were also made for leafiness and fine stems. Each selection cycle, plants were examined and all undesirable plants were removed, producing a source of breeder's seed after three cycles.

**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 | winter activity | high (dormancy rating 8-9) |
| Plant | seed yield | high to very high |

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

| Name | Comments |
|---|---|
| 'SuperSonic' | |
| 'SuperSequel' | |
| 'SuperSiriver' | |

‘Cuf 101’
‘Cropper9.5’
‘SiriverMK11’
‘SuperCharge’

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| ‘Cuf 101’ | Pods per stem | very high | moderate | |
| ‘Super Charge’ | Pods per stem | very high | moderate | |
| ‘Super Siriver’ | Pods per stem | very high | moderate | |
| ‘Super Sequel’ | Pods per stem | very high | moderate | |
| ‘Cropper9.5’ | Pods per stem | very high | moderate | |
| ‘Siriver MKII’ | Pods per stem | very high | moderate | |

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

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

**Characteristics Additional to the Descriptor/TG**

| **Organ/Plant Part: Context** | | |
|---|---|---|
| ☐ Primary stem: No of pods | very high | high |

**Statistical Table**

| | | |
|---|---|---|
| ☑ Primary stem: No of pods | | |
| Mean | 100.76 | 82.42 |
| Std. deviation | 36.95 | 39.16 |
| Lsd/sig. | 15.52 | P≤0.01 |
| ☑ Primary stem: No of racemes | | |
| Mean | 17.41 | 14.32 |
| Std. deviation | 7.05 | 6.61 |
| Lsd/sig. | 2.84 | P≤0.01 |

**Prior applications and sales**

Nil.

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

| **Details of Application** | |
|---|---|
| **Application Number** | 2007/243 |
| **Variety Name** | 'Alkantara' |
| **Genus Species** | *Citrus clementina x sinensis* |
| **Common Name** | Mandarin |
| **Synonym** | Nil |
| **Accepted Date** | 28 Nov 2007 |
| **Applicant** | Giuseppe Reforgiato Recupero, Giuseppe Russo & Santo Recupero, Acireale, Italy |
| **Agent** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC), Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | Community Plant Variety Office (CPVO) |
| **Overseas Data Reference Number** | 2004/0075 |
| **Location** | EU data was verified in Dareton, NSW |
| **Descriptor** | CitrusTG 201/2 |
| **Period** | 2011-2012 |
| **Conditions** | Standard growing season with no unusual events. |
| **Trial Design** | 10 trees were planted in a trial block at Dareton, NSW. Standard cultural practices were used. All trees were in good health with no visible pest and disease issues. |
| **Measurements** | Measurements were taken from 5 trees. |

**Origin and Breeding**

Controlled pollination: Crossing was made on a tree of Oroval clementine grown in a private orchard located at Acireale (CT), Italy, using pollen of a tetraploid Tarocco selection. Approx. 400 flowers were hand pollinated over a 2 week period in March, 1985. Approx. 100 seeds were planted in vitro using BM from this controlled pollination and 70 seedlings germinated. These plants were transplanted into the seedling plots and grown for 12 months until were ready to take bud sticks for grafting on nursery rootstocks. Bud sticks were grafted onto 2 year Troyer seedlings at the greenhouse of CRA-Istituto Sperimentale per L'Agrumicoltura, Acireale. From the original 70 triploid seedlings a total of 40 seedlings were able to be grafted. The trees were managed as in commercial plantings and started to be productive after 4-5 year from the planting. The original seedling named C2191 was early fruit maturity and superior fruit quality compared with the industry standards of mandarins, also due to the blood colour of flesh. Trees have been propagated for 6 years and have produced stable and true-to-type trees and fruit. No off-types have been found to date. The Alkantara has been stable and maintained its varietal characteristics for 6 years at the Palazzelli, experimental orchard of CRA-ISAGRU. Breeders: Guiseppe Reforgiato Recupero, Guiseppe Russo and Santo Recupero.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Seed | polyembryony | absent |
| Leaf blade | emargination at tip | absent |
| Fruit | position of broadest part | at middle |

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

| Name | Comments |
|---|---|
| 'Imperial Mandarin' | |
| 'Tarocco' | |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Tacle' | Leaf blade | length | very long | long | VCK for CPVO test report and Part 1 application |
| 'Tacle' | Petiole | length | large to very large | medium to large | |

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

| Organ/Plant Part: Context | 'Alkantara' | 'Imperial Mandarin' | 'Tarocco' |
|---|---|---|---|
| ☑ Ploidy: | triploid | diploid | tetraploid |
| ☐ *Tree: growth habit | spreading | upright | spreading |
| ☐ Tree: density of spines | intermediate | absent or sparse | - |
| ☑ Tree: length of spines | medium | very short | - |
| ☐ Leaf blade: length | long | long | - |
| ☑ Leaf blade: width | medium to broad | narrow | - |
| ☐ Leaf blade: ratio length/width | medium | medium to large | - |
| ☐ Leaf blade: shape in cross section | intermediate | intermediate | - |
| ☐ Leaf blade: twisting | absent or weak | absent or weak | - |
| ☐ Leaf blade: blistering | absent or weak | absent or weak | - |
| ☐ Leaf blade: green colour | dark | dark to very dark | - |
| ☐ Leaf blade: undulation of margin | absent or weak | intermediate | - |
| ☐ Leaf blade: incisions of margin | crenate | absent | - |
| ☐ Leaf blade: shape of apex | acuminate | acute | - |

| | | | |
|---|---|---|---|
| Leaf blade: emargination at tip | absent | absent | - |
| Petiole: length | medium to long | short | - |
| Petiole: presence of wings | present | present | - |
| Petiole: width of wings (varieties with petiole wings present only) | very narrow | very narrow | - |
| Flower: diameter of calyx | medium to large | small | - |
| Flower: length of petal | long | short | - |
| Flower: width of petal | medium | narrow | - |
| Flower: ratio length/width of petal | medium to large | small to medium | - |
| Flower: length of stamens | long | medium | - |
| Anther: colour | medium yellow | light yellow | - |
| Anther: viable pollen | absent | present | - |
| *Fruit: length | medium to long | short | long |
| *Fruit: diameter | large | medium | medium to large |
| *Fruit: ratio length/diameter | medium | small | medium to large |
| *Fruit: position of broadest part | at middle | at middle | at middle |
| Fruit: shape in transverse section | somewhat angular | circular | circular |
| *Fruit: general shape of proximal part | flattened | flattened | strongly rounded |
| *Fruit: presence of neck | absent | present | absent |
| *Fruit: presence of depression at stalk end (varieties without fruit neck only) | present | absent | absent |
| Fruit: depth of depression at stalk end (varieties without fruit neck only) | shallow to medium | - | - |
| Fruit: presence of constriction at stalk end | absent | absent | absent |
| Fruit: number of radial grooves at stalk end | intermediate | absent or few | - |
| Fruit: length of radial grooves at stalk end | medium | very short | |
| Fruit: presence of collar | absent | present | absent |
| Fruit: abscission layer between floral disc and fruit | absent or weakly developed | absent or weakly developed | - |
| *Fruit: general shape of distal part | flattened | slightly rounded | - |
| *Fruit: presence of depression at distal end | present | present | absent |
| Fruit: depth of depression at distal end | medium | shallow | - |
| Fruit: diameter of depression at distal end | medium to large | small | - |

| | | | |
|---|---|---|---|
| *Fruit: presence of areola | incomplete | absent | - |
| Fruit: type of areola | smooth | - | - |
| Fruit: diameter of areola | medium to large | - | - |
| Fruit: diameter of stylar scar | small | small | - |
| Fruit: persistence of style | none | none | - |
| Fruit: presence of navel opening | absent | absent | - |
| Fruit: presence of radial grooves at distal end | absent | absent | - |
| *Fruit surface: predominant colours | medium orange | yellow orange | medium orange |
| *Fruit surface: glossiness | medium | medium | - |
| Fruit surface: roughness | rough | smooth | smooth to medium |
| Fruit surface: size of oil glands | all more or less the same size | all more or less the same size | - |
| Fruit surface: size of larger oil glands | small | small | - |
| Fruit surface: conspicuousness of larger oil glands | strong | - | - |
| Fruit surface: presence of pitting and pebbling in oil glands | pitting absent, pebbling present | pitting present, pebbling absent | - |
| Fruit surface: density of pebbling (varieties with fruit surface: pebbling on oil glands present only) | medium | sparse | - |
| Fruit surface: degree of pebbling (varieties with fruit surface: pebbling on oil glands present only) | medium | - | - |
| *Fruit rind: thickness | medium | thin to medium | thin to medium |
| *Fruit rind: adherence to flesh | weak | weak | - |
| Fruit rind: strength | weak to medium | weak to medium | - |
| Fruit rind: oiliness | medium to oily | medium | - |
| Fruit rind: conspicuousness of oil glands on inner surface | intermediate | absent or weakly conspicuous | - |
| Fruit: colour of albedo | white | white | - |
| Fruit: density of albedo | loose | very loose | - |
| *Fruit: amount of albedo adhering to flesh | small | medium | - |
| Fruit: presence of albedo strands | present | present | - |
| Fruit: amount of albedo strands | very small | small to medium | - |

| | | | |
|---|---|---|---|
| *Fruit: main colour of flesh | dark orange | light orange | red |
| Fruit: filling of core | absent or very sparse | sparse | - |
| Fruit: diameter of core | small to medium | large to very large | - |
| Fruit: presence of rudimentary segments | absent or weak | absent or weak | - |
| Fruit: number of well-developed segments | medium | many | medium to many |
| Fruit: coherence of adjacent segment walls | weak | weak to medium | - |
| Fruit: strength of segment walls | weak to medium | weak | - |
| Fruit: length of juice vesicles | medium | medium | - |
| Fruit: thickness of juice vesicles | thick | very thin to thin | - |
| Fruit: conspicuousness of juice vesicle walls | high | very low | - |
| Fruit: coherence of juice vesicles | medium | weak | - |
| *Fruit: presence of navel (viewed internally) | absent or very rare | absent or very rare | - |
| Fruit: juiciness | high | medium | high |
| *Fruit juice: total soluble solids | medium | low to medium | medium to high |
| Fruit juice: acidity | low to medium | medium to high | medium |
| Fruit: strength of fibre | medium | medium | - |
| Fruit: number of seeds (controlled manual self-pollination) | absent or very few | medium to many | very few to few |
| Fruit: number of seeds (open pollination) | absent or very few | medium to many | very few to few |
| *Seed: polyembryony | absent | absent | - |
| *Time of: maturity of fruit for consumption | early | very early to early | medium |

**Statistical Table**

| Organ/Plant Part: Context | 'Alkantara' | 'Tarocco' |
|---|---|---|
| Flower: Style length (mm) | | |
| Mean | 7.66 | |
| Std. Deviation | 0.02 | |
| Fruit: Length (mm) | | |
| Mean | 59.06 | 70.00 |
| Std. Deviation | 1.16 | |
| Fruit: Diameter (mm) | | |
| Mean | 78.70 | 67 |
| Std. Deviation | 1.39 | |

| | |
|---|---|
| ☐ Fruit: Number of radial grooves at stalk end (mm) | |
| Mean | 10.00 |
| Std. Deviation | 0.05 |
| ☐ Fruit: Length of radial grooves at stalk end (mm) | |
| Mean | 11.00 |
| Std. Deviation | 0.01 |
| ☐ Fruit: Diameter of depression at distal end (mm) | |
| Mean | 15.00 |
| Std. Deviation | 0.02 |
| ☐ Fruit: Diameter of stylar scar (mm) | |
| Mean | 2.00 |
| Std. Deviation | 0.01 |
| ☐ Fruit: Surface size of larger oil glands (mm) | |
| Mean | 1.00 |
| Std. Deviation | 0.01 |
| ☐ Fruit: Rind thickness (mm) | |
| Mean | 4.99 |
| Std. Deviation | 0.01 |
| ☐ Fruit: Diameter of core (mm) | |
| Mean | 10.13 |
| Std. Deviation | 1.56 |
| ☐ Fruit: Number of well developed segments (mm) | |
| Mean | 9.02 |
| Std. Deviation | 0.32 |
| ☐ Fruit: Length of juice vesicles (mm) | |
| Mean | 9.01 |
| Std. Deviation | 0.32 |
| ☐ Fruit: Thickness of juice vesicles (mm) | |
| Mean | 6.00 |
| Std. Deviation | 0.01 |
| ☐ Leaf: Blade length (mm) | |
| Mean | 131.97 |
| Std. Deviation | 8.41 |
| ☐ Leaf: Blade width (mm) | |
| Mean | 62.14 |
| Std. Deviation | 4.99 |
| ☐ Petiole: Length (mm) | |
| Mean | 16.13 |
| Std. Deviation | 1.15 |
| ☐ Flower: Diameter of calyx (mm) | |
| Mean | 35.15 |
| Std. Deviation | 1.61 |
| ☐ Flower: Length of sepal (mm) | |

| | |
|---|---|
| Mean | 21.02 |
| Std. Deviation | 0.06 |

☐ Flower: Width of petal (mm)

| | |
|---|---|
| Mean | 9.00 |
| Std. Deviation | 0.03 |

☐ Flower: Length of stamens (mm)

| | |
|---|---|
| Mean | 12.67 |
| Std. Deviation | 0.02 |

**Prior Applications and Sales**

| **Country** | **Year** | **Current Status** | **Name Applied** |
|---|---|---|---|
| EU | 2004 | Granted | 'Alkantara' |
| Spain | 2012 | Applied | 'Alkantara' |

Prior Sale: Nil

Description: **Dr Gavin Porter,** ANFIC, Ltd., Kallangur, QLD

**Details of Application**

| | |
|---|---|
| **Application Number** | 2007/244 |
| **Variety Name** | 'Mandalate' |
| **Genus Species** | *Citrus reticulata x deliciosa* |
| **Common Name** | Mandarin |
| **Synonym** | Nil |
| **Accepted Date** | 28 Nov 2007 |
| **Applicant** | Giuseppe Reforgiato Recupero, Giuseppe Russo & Santo Recupero, Acireale (CT), Italy |
| **Agent** | Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC), Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Community Plant Variety Office (CPVO) |
| **Overseas Data Reference Number** | 2004/0074 |
| **Location** | EU data was verified at Dareton, NSW |
| **Descriptor** | Citrus TG 201/1 |
| **Period** | 2011-2012 |
| **Conditions** | Standard growing season occurred during the 2011-2012 years. Trees were in good health and there were no visible signs of pest and disease issues. |
| **Trial Design** | 10 trees of 'Mandalate' mandarin on citrange rootstock were planted in a trial block in Dareton, NSW. |
| **Measurements** | 5 trees of 'Mandalate' were used to collect measurements. |
| **RHS Chart - edition** | |

**Origin and Breeding**

Controlled pollination: Crossing was made on a tree of Fortune mandarin located at Palazzelli (Lentini), Italy, using pollen of a tetraploid 'Avana' mandarin selection. Approx. 500 flowers were hand pollinated over a 2 week period in March, 1989. Approx. 200 seeds were planted in vitro using BM from this controlled pollination and 100 seedlings germinated. These plants were transplanted into the seedling plots and grown for 12 months until were ready to take budsticks for grafting on nursery rootstocks. Budsticks were grafted onto 2 year Troyer seedlings at the greenhouse of CRA-Istituto Sperimentale per L'Agrumicoltura, Acireale. From the original 100 triploid seedlings a total of 50 seedlings were able to be grafted. The trees were managed as in commercial plantings and started to be productive after 4-5 year from the planting. The original seedling named D8811 was late fruit maturity and superior fruit quality compared with the industry standards of mandarins, also due to the productivity of tree, late maturity and seedlessness. Trees have been propagated for 6 years and have produced stable and true-to-type trees and fruit. No off-types have been found to date. The 'Mandalate' has been stable and maintained its varietal characteristics for 6 years at the Palazzelli, experimental orchard of CRA. Breeders: Guiseppe Reforgiato Recupero, Guiseppe Russo and Santo Recupero.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Seed | polyembryony | absent |
| Fruit | length | medium to long |
| Fruit | shape in transverse section | circular |

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

| Name | Comments |
|---|---|
| 'Fortune' | |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Murcott' | Time of | Maturity for fruit consumption | very late | late | VCK in Part 1 |
| 'Tardivo di Ciaculli' | Fruit | Seeds | seedless also in cross pollination | seedy | VCK in Part 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 | 'Mandalate' | 'Fortune' |
|---|---|---|
| ☑ Ploidy: | triploid | diploid |
| ☐ *Tree: growth habit | spreading | spreading |
| ☐ Tree: density of spines | intermediate | sparse |
| ☑ Tree: length of spines | medium to long | short |
| ☐ Leaf blade: length | medium | - |
| ☐ Leaf blade: width | medium | - |
| ☐ Leaf blade: ratio length/width | medium to large | - |
| ☐ Leaf blade: shape in cross section | straight or weakly concave | - |
| ☐ Leaf blade: twisting | absent or weak | - |
| ☐ Leaf blade: blistering | absent or weak | - |
| ☐ Leaf blade: green colour | dark | - |
| ☐ Leaf blade: undulation of margin | intermediate | - |
| ☐ Leaf blade: incisions of margin | crenate | absent |
| ☐ Leaf blade: shape of apex | acuminate | - |

| | | |
|---|---|---|
| Leaf blade: emargination at tip | present | - |
| Petiole: length | medium | - |
| Petiole: presence of wings | present | - |
| Petiole: width of wings (varieties with petiole wings present only) | very narrow | - |
| Flower: diameter of calyx | medium to large | - |
| Flower: length of petal | medium to long | - |
| Flower: width of petal | narrow to medium | - |
| Flower: ratio length/width of petal | large | - |
| Flower: length of stamens | short to medium | - |
| Anther: colour | medium yellow | - |
| Anther: viable pollen | absent | - |
| Style: length | short | - |
| *Fruit: length | medium to long | medium to long |
| *Fruit: diameter | medium | medium |
| *Fruit: ratio length/diameter | medium to large | medium to large |
| *Fruit: position of broadest part | at middle | at middle |
| Fruit: shape in transverse section | circular | circular |
| *Fruit: general shape of proximal part | slightly rounded | flattened |
| *Fruit: presence of neck | present | absent |
| Fruit: length of neck (necked varieties only) | very short | - |
| Fruit: thickness of neck (necked varieties only) | very thin | - |
| Fruit: presence of constriction at stalk end | absent | absent |
| Fruit: number of radial grooves at stalk end | absent or few | - |
| Fruit: length of radial grooves at stalk end | short | - |
| Fruit: depression at stalk attachment (necked varieties only) | absent or shallow | - |
| Fruit: presence of collar | absent | - |
| Fruit: abscission layer between floral disc and fruit | absent or weakly developed | - |

| | | |
|---|---|---|
| ☐ *Fruit: general shape of distal part | flattened | - |
| ☐ *Fruit: presence of depression at distal end | absent | - |
| ☐ *Fruit: presence of areola | absent | - |
| ☐ Fruit: diameter of stylar scar | very small | - |
| ☐ Fruit: persistence of style | none | - |
| ☐ Fruit: presence of navel opening | absent | - |
| ☐ Fruit: presence of radial grooves at distal end | absent | - |
| ☐ *Fruit surface: predominant colours | yellow orange | orange red |
| ☐ *Fruit surface: glossiness | medium | - |
| ☑ Fruit surface: roughness | smooth | medium to rough |
| ☐ Fruit surface: size of oil glands | all more or less the same size | - |
| ☐ Fruit surface: size of larger oil glands | very small | - |
| ☐ Fruit surface: conspicuousness of larger oil glands | weak to medium | - |
| ☐ Fruit surface: presence of pitting and pebbling in oil glands | pitting present, pebbling absent | pitting absent, pebbling present |
| ☐ Fruit surface: density of pitting (varieties with fruit surface: pitting on oil glands present only) | medium | - |
| ☐ *Fruit rind: thickness | thin to medium | thin to medium |
| ☑ *Fruit rind: adherence to flesh | very weak to weak | medium to strong |
| ☐ Fruit rind: strength | weak to medium | - |
| ☐ Fruit rind: oiliness | medium to oily | - |
| ☐ Fruit rind: conspicuousness of oil glands on inner surface | intermediate | - |
| ☐ Fruit: colour of albedo | white | - |
| ☐ Fruit: density of albedo | loose | - |
| ☐ *Fruit: amount of albedo adhering to flesh | small to medium | - |
| ☐ Fruit: presence of albedo strands | present | - |
| ☐ Fruit: amount of albedo strands | very small | - |
| ☐ *Fruit: main colour of flesh | medium orange | dark orange |

| | | |
|---|---|---|
| ☐ Fruit: filling of core | sparse to medium | - |
| ☐ Fruit: diameter of core | medium | - |
| ☐ Fruit: presence of rudimentary segments | absent or weak | - |
| ☐ Fruit: number of well developed segments | medium to many | - |
| ☐ Fruit: coherence of adjacent segment walls | weak to medium | - |
| ☐ Fruit: strength of segment walls | medium | - |
| ☐ Fruit: length of juice vesicles | medium | - |
| ☑ Fruit: thickness of juice vesicles | medium | thin |
| ☐ Fruit: conspicuousness of juice vesicle walls | medium | - |
| ☐ Fruit: coherence of juice vesicles | medium to strong | - |
| ☐ *Fruit: presence of navel (viewed internally) | absent or very rare | - |
| ☐ Fruit: juiciness | very high | high |
| ☐ *Fruit juice: total soluble solids | medium to high | medium to high |
| ☐ Fruit juice: acidity | medium | medium |
| ☐ Fruit: strength of fibre | medium | - |
| ☐ Fruit: number of seeds (controlled manual self-pollination) | absent or very few | many |
| ☑ Fruit: number of seeds (open pollination) | absent or very few | many |
| ☐ *Seed: polyembryony | absent | absent |
| ☐ *Time of: maturity of fruit for consumption | very late | late |

| **Organ/Plant Part: Context** | **'Mandalate'** |
|---|---|
| ☐ Leaf: Blade length (mm)<br>Mean | 106.20 |
| Std. Deviation | 5.19 |
| ☐ Leaf: Blade width (mm) | |
| Mean | 42.92 |
| Std. Deviation | 5.54 |
| ☐ Petiole: length (mm) | |

| | |
|---|---|
| Mean | 13.48 |
| Std. Deviation | 1.15 |
| | |
| Flower: Diameter of calyx (mm)<br>Mean | 33.96 |
| Std. Deviation | 1.60 |
| Flower: length of petal (mm) | |
| Mean | 18.66 |
| Std. Deviation | 0.05 |
| Flower: width of petal (mm) | |
| Mean | 7.00 |
| Std. Deviation | 0.05 |
| Flower: length of stamens (mm) | |
| Mean | 9.30 |
| Std. Deviation | 0.02 |
| Flower: style length (mm) | |
| Mean | 8.30 |
| Std. Deviation | 0.02 |
| Fruit: length (mm) | |
| Mean | 54.56 |
| Std. Deviation | 1.01 |
| Fruit: diameter (mm) | |
| Mean | 63.12 |
| Std. Deviation | 1.13 |
| Fruit: surface size of larger glands (mm) | |
| Mean | 1.00 |
| Std. Deviation | 0.01 |
| Fruit: rind thickness (mm) | |
| Mean | 4.00 |
| Std. Deviation | 0.01 |
| | |

| | |
|---|---|
| Fruit: diameter of core (mm) | |
| Mean | 13.53 |
| Std. Deviation | 1.47 |
| Fruit: number of well-developed segments | |
| Mean | 12.05 |
| Std. Deviation | 0.25 |
| Fruit: length of juice vesicles (mm) | |
| Mean | 8.05 |
| Std. Deviation | 0.30 |
| Fruit: thickness of juice vesicles (mm) | |
| Mean | 3.00 |
| Std. Deviation | 0.01 |
| | |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| EU | 2004 | Granted | 'Mandalate' |
| Spain | 2012 | Applied | 'Mandalate' |
| South Africa | 2003 | Applied | 'Mandalate' |
| Malaysia | 2009 | Applied | 'Mandalate' |

Prior Sales: Nil

Description: **D**r **Gavin Porter,** ANFIC, Ltd., Kallangur, QLD

**Details of Application**

| | |
|---|---|
| **Application Number** | 2011/161 |
| **Variety Name** | 'BESYS' |
| **Genus Species** | *Beschorneria yuccoides* |
| **Common Name** | Mexican Lily |
| **Synonym** | Reality |
| **Accepted Date** | 06 Dec 2011 |
| **Applicant** | Lifetech Laboratories Ltd, Auckland, New Zealand |
| **Agent** | Touch of Class Plants Pty Ltd, Tynong, Vic. |
| **Qualified Person** | Mark Lunghusen |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Tynong, Vic. |
| **Descriptor** | Cordyline (*Cordyline spp*) PBR CORD |
| **Period** | Autumn to Spring 2012 |
| **Conditions** | Plants were grown in 20cm pots in a covered polyhouse with no walls in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. |
| **Trial Design** | 10 plants in block design |
| **Measurements** | Taken from middle third of stem |
| **RHS Chart - edition** | Fifth edition |

**Origin and Breeding**

Spontaneous mutation: A random mutation with a distinctive variegation was found in a batch of plants with no variegation at the breeder's property. The variegated stem was propagated vegetatively and multiplied to determine stability and uniformity. Breeder: Graeme john Burton, Te Awamutu, New Zealand

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Stem | branching | absent |
| Leaf | glossiness of upper side | weak |

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

| Name | Comments |
|---|---|
| *Beschorneria yuccioides* | Parent plant and closest variety |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Tandarras Dream' | leaf | distribution of secondary colour on upper side | middle zone | spread throughout leaf | comparator has secondary colour widely spread throught the leaf whereas the candidate has a distinct |

| | | | | |
|---|---|---|---|---|
| | | | | distribution in the middle zone. |
| *B.Yuccoides* leaf variegata | secondary colour of upper side | yellow | white | |

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

| Organ/Plant Part: Context | 'BESYS' | *Beschorneria yuccioides* |
|---|---|---|
| ☐ Plant: height of foliage | medium | medium to tall |
| ☐ Stem: branching | absent | absent |
| ☐ Leaf: length | medium | medium to long |
| ☑ Leaf: width at broadest part | broad | medium |
| ☑ Leaf: number of colours on upper side | two | one |
| ☑ Leaf: main colour of upper side (RHS Colour Chart) | green N137A | green 137A |
| ☐ Leaf: secondary colour of upper side (RHS Colour Chart) | yellow 10A | |
| ☐ Leaf: distribution of secondary colour on upper side | middle zone | |
| ☐ Leaf: attitude of top half of leaf | semi-erect | erect |
| ☐ Plant: suckering | absent | absent |
| ☐ Leaf: glossiness of upper side | weak | weak |
| ☐ Leaf: attitude lower third | 45 degrees | upwards |
| ☐ Leaf: attitude mid third | 45 degrees | upwards |
| ☐ Leaf: attitude upper third | 45 degrees | 45 degrees |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'BESYS' | *Beschorneria yuccioides* |
|---|---|---|
| ☐ Stem: thickness at base | thick | medium to thick |
| ☐ Leaf: shape of cross section | concave | concave |
| ☑ Leaf: strength of cross section | very strong | weak |
| ☐ Leaf: margin | denticulate | denticulate |
| ☑ Leaf: degree of margin | medium | very weak |
| ☑ Leaf: stiffness of margin | strong | weak |
| ☑ Leaf: smoothness of lower side | rough | smooth |
| ☐ Leaf: presence of hairs on | present | present |

| | | |
|---|---|---|
| upper side<br>Leaf: presence of hairs on lower side | present | present |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2010 | Granted | 'BESYS' |
| NZ | 2011 | Applied | 'BESYS' |

First sold in USA in May 2010 and Australia in March 2011

Description**: Mark Lunghusen**, Australian Horticultural Services Pty Ltd, Lilydale, Vic 3140.

| **Details of Application** | |
|---|---|
| **Application Number** | 2010/109 |
| **Variety Name** | 'Kuban 86' |
| **Genus Species** | *Prunus cerasifera x persica* |
| **Common Name** | Myrobalan x Peach |
| **Synonym** | 'Krymsk 86' |
| **Accepted Date** | 17 Nov 2010 |
| **Applicant** | Gennady Eremin, Krymsk, Russia |
| **Agent** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd., Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | United States Patent and Trade Marks Office (USPTO) |
| **Overseas Data Reference Number** | PP16272 |
| **Location** | Shepparton, VIC |
| **Descriptor** | UPOV Prunus Rootstock TG 187/1 |
| **Period** | Jan 2010 to December 2012 |
| **Conditions** | US patent specification data verified under Australian conditions. |
| **Measurements** | As according UPOV test guideline |

**Origin and Breeding**

Open Pollination: The breeder obtained seed from the female parent *Prunus cerasifera* (not patented) in his own garden in Moscow and planted the seed in a cultivated area of Krymsk, Russia. The resulting seedlings were then planted in a *Prunus persica* (not patented) orchard during blossom time. Here the seedlings were pollinated by the male parent. The resultant seeds were sown and the new cultivar "AP-1 (Kuban 86)" was selected from these seedlings in 1986. Ten years of observation and evaluation followed at the Breeding Station in Krymsk, Russia. The new cultivar originated as a single plant and is the results of a hybrid cross between the female parent *Prunus cerasifera* and male parent *Prunus persica*. Breeder: Gennady Eremin.

**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 | flowers | present |

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

| Name | Comments |
|---|---|
| 'Nemaguard peach rootstock' | |
| 'Avimag'(hybrid rootstock) | |
| 'GF- 677 hybrid rootstock' | |

| Varieties of Common Knowledge identified and subsequently excluded | | | | | |
|---|---|---|---|---|---|
| **Variety** | **Distinguishing Characteristics** | | **State of Expression in Candidate Variety** | **State of Expression in Comparator Variety** | **Comments** |
| 'Ishtara' | Bud | pubescence | present | absent | VCK in Part 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 | 'Kuban 86' | 'Avimag' | 'GF- 677 hybrid rootstock | 'Nemaguard peach rootstock' |
|---|---|---|---|---|
| ☑ *Plant: vigour | strong | strong | very strong | very strong |
| ☐ *Plant: habit | spreading | upright to spreading | upright | |
| ☐ Plant: branching | medium | | | |
| ☐ One-year-old shoot: thickness | thin to medium | | | |
| ☐ One-year-old shoot: length of internode | short to medium | | | |
| ☐ One-year-old shoot: pubescence | absent | | | |
| ☐ One-year-old shoot: number of lenticels | very few | | | |
| ☐ One-year-old shoot: anthocyanin colouration of apex | absent or very weak | | | |
| ☐ One-year-old shoot: size of vegetative bud | small to medium | | | |
| ☐ *One-year-old shoot: shape of apex of vegetative bud | acute | | | |
| ☐ One-year-old shoot: size of vegetative bud support | medium | | | |
| ☐ *One-year-old shoot: branching | medium | | | |
| ☐ Young shoot: intensity of anthocyanin colouration of young leaf | weak | | | |
| ☐ *Leaf blade: length | long | | | |
| ☐ Leaf blade: width | medium | | | |
| ☐ Leaf blade: ratio length/width | medium to large | | | |
| ☐ *Leaf blade: shape | elliptic | | | |
| ☐ Leaf blade: angle of apex | acute | | | |
| ☐ *Leaf blade: length of tip | short | | | |
| ☐ *Leaf blade: shape of base | obtuse | | | |
| ☐ Leaf blade: colour of upper side | dark green | | | |
| ☐ Leaf blade: glossiness of upper side | medium to strong | | | |

| | | | | |
|---|---|---|---|---|
| *Petiole: length | short to medium | | | |
| Petiole: presence of pubescence of upper side | absent | | | |
| Petiole: depth of groove | very shallow | | | |
| Leaf: ratio length of leaf blade/length of petiole | medium to large | | | |
| Leaf: presence of stipules | present | | | |
| Stipule: length | medium | | | |
| *Leaf: presence of nectaries | absent | | | |
| *Plant: flowers | present | present | present | present |

| **Characteristics Additional to the Descriptor/TG** | | | | |
|---|---|---|---|---|
| **Organ/Plant Part: Context** | **'Kuban 86'** | **'Avimag'** | **'GF 677 hybrid rootstock'** | **'Nemaguard peach rootstock'** |
| Interspecific Prunus hybrid rootstock: for peach, nectarine, apricot and plum | yes | yes | yes | no |
| ☑ Flower: type | showy | non-showy | showy | showy |
| ☑ Tolerance: to alkaline soils | tolerant | tolerant | tolerant | tolerant or sensitive |
| ☑ Tolerance: to root knot nematodes | susceptible | immune or resistant | susceptible | immune or resistant |
| Tolerance: to waterlogging | good | good | poor | fair |

**Prior Applications and Sales**

| **Country** | **Year** | **Current Status** | **Name Applied** |
|---|---|---|---|
| Russia | 1998 | Granted | 'Kuban 86' |
| USA | 2004 | Granted | 'AP-1' |
| EU | 2009 | Applied | 'Kuban 86' |

First sold in the USA in January 2006'

Description: **Dr Gavin Porter,** Kallangur, QLD**.**

| **Details of Application** | |
|---|---|
| **Application Number** | 2010/112 |
| **Variety Name** | 'VVA-1' |
| **Genus Species** | *Prunus tomentosa x cerasifera* |
| **Common Name** | Nanking cherry x Myrobolan plum |
| **Synonym** | 'Krymsk 1' |
| **Accepted Date** | 20 Jul 2010 |
| **Applicant** | Gennady Eremin, Krymsk, Russia |
| **Agent** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd., Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | United States Patent and Trade Marks Office (USPTO) |
| **Overseas Data Reference Number** | PP15995 |
| **Location** | Shepparton, VIC |
| **Descriptor** | UPOV Prunus Rootstock TG 187/1 |
| **Period** | January 2010 to December 2012 |
| **Conditions** | US patent specification data verified under Australian conditions. |
| **Measurements** | As according UPOV test guideline |

**Origin and Breeding**

Open Pollination: The breeder obtained seed from the female parent *Prunus tomentosa* (not patented) in his own garden in Moscow and planted the seed in a cultivated area of Krymsk, Russia. The resulting seedlings were then planted in a *Prunus cerasifera* (not patented) orchard during blossom time. Here the seedlings were pollinated by the male parent. The resultant seeds were sown and the new cultivar 'VVA-1' was selected from these seedlings in 1966. Ten years of observation and evaluation followed at the Breeding Station in Krymsk, Russia. The new cultivar originated as a single plant and is the result of a hybrid cross between the female parent *Prunus tomentose* and male parent *Prunus cerasifera*. Breeder: Gennady Eremin.

**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 | flowers | present |

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

| **Name** | **Comments** |
|---|---|
| 'Nemaguard peach rootstock' | |
| 'Avimag' (hybrid rootstock) | |
| 'GF-677 hybrid rootstock' | |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| *Prunus tomentosa* | leaf | presence of stipules | absent | present | VCK in Part 1 |

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

| Organ/Plant Part: Context | 'VVA-1' | 'Avimag' | 'GF- 677 hybrid rootstock' | 'Nemaguard peach rootstock' |
|---|---|---|---|---|
| ☑ *Plant: vigour | medium to strong | strong | very strong | very strong |
| ☐ *Plant: habit | upright | upright to spreading | upright | |
| ☐ Plant: branching | medium | | | |
| ☐ One-year-old shoot: thickness | medium to thick | | | |
| ☐ One-year-old shoot: length of internode | medium | | | |
| ☐ One-year-old shoot: pubescence | present | | | |
| ☐ One-year-old shoot: number of lenticels | medium to many | | | |
| ☐ One-year-old shoot: anthocyanin colouration of apex | strong to very strong | | | |
| ☐ One-year-old shoot: position of vegetative bud in relation to shoot | slightly held out | | | |
| ☐ One-year-old shoot: size of vegetative bud | very small to small | | | |
| ☐ *One-year-old shoot: shape of apex of vegetative bud | acute | | | |
| ☐ One-year-old shoot: size of vegetative bud support | very small to small | | | |
| ☐ *One-year-old shoot: branching | weak | | | |
| ☐ Young shoot: intensity of anthocyanin colouration of young leaf | strong | | | |
| ☐ *Leaf blade: length | very short to short | | | |
| ☐ Leaf blade: width | narrow | | | |
| ☐ Leaf blade: ratio length/width | very small to small | | | |
| ☐ *Leaf blade: shape | ovate | | | |
| ☐ Leaf blade: angle of apex | right-angled | | | |
| ☐ *Leaf blade: length of tip | short | | | |
| ☐ *Leaf blade: shape of base | obtuse | | | |
| ☐ Leaf blade: colour of upper side | dark green | | | |
| ☐ Leaf blade: glossiness of upper side | weak | | | |
| ☐ Leaf blade: pubescence of lower side at | medium | | | |

| | | | | |
|---|---|---|---|---|
| apex | | | | |
| *Leaf blade: incisions of margin | only serrate | | | |
| Leaf blade: depth of incisions of margin | shallow | | | |
| *Petiole: length | short | | | |
| Petiole: presence of pubescence of upper side | present | | | |
| Petiole: intensity of pubescence of upper side | very strong | | | |
| Petiole: depth of groove | shallow to medium | | | |
| Leaf: ratio length of leaf blade/length of petiole | small | | | |
| Leaf: presence of stipules | absent | | | |
| *Leaf: presence of nectaries | present | | | |
| *Leaf: predominant number of nectaries (varieties with nectaries only) | more than two | | | |
| *Nectary: colour | green | | | |
| *Nectary: shape | reniform | | | |
| *Plant: flowers | present | present | present | present |

| **Characteristics Additional to the Descriptor/TG** | | | | |
|---|---|---|---|---|
| **Organ/Plant Part: Context** | **'VVA-1'** | **'Avimag'** | **'GF-677 hybrid rootstock'** | **'Nemaguard peach rootstock'** |
| Interspecific Prunus hybrid rootstock: for peach, nectarine, apricot and plum | yes | yes | yes | no |
| Flower: Type | Showy | Non-showy | Showy | Showy |
| Tolerance: to alkaline soils | yes | yes | yes | no |
| Tolerance: to root knot nematodes | susceptible | immune or resistant | susceptible | immune or resistant |
| Tolerance: to waterlogging | good | good | poor | fair |

**Prior Applications and Sales**

| **Country** | **Year** | **Current Status** | **Name Applied** |
|---|---|---|---|
| USA | 2002 | Granted | 'VVA-1' |
| EU | 2002 | Granted | 'VVA-1' |
| Turkey | 2011 | Granted | 'VVA-1' |

First sold in the USA in January 2005.

Description: **Dr Gavin Porter,** Kallangur, QLD**.**

## Details of Application

| | |
|---|---|
| **Application Number** | 2012/014 |
| **Variety Name** | 'June Sweet' |
| **Genus Species** | *Prunus persica var nucipersica* |
| **Common Name** | Nectarine |
| **Synonym** | |
| **Accepted Date** | 17 May 2012 |
| **Applicant** | Lowell G. Bradford, USA. |
| **Agent** | Buchanan's Nursery, Hodgson Vale, QLD. |
| **Qualified Person** | Peter Buchanan, Hodgson Vale, QLD. |

## Details of Comparative Trial

| | |
|---|---|
| **Overseas Testing Authority** | US Patent and Trademarks Office |
| **Overseas Data Reference Number** | PP18752 |
| **Location** | Hodgson Vale, QLD |
| **Descriptor** | Peach & Necatrine, UPOV TG/53/6 |
| **Period** | 2 years |
| **Conditions** | The trial was conducted under normal growing conditions for Hodgsonvale, QLD. Sufficient winter chill as observed and average summer temperatures for the area. There was some dry condition experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| **Trial Design** | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| **Measurements** | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 18,752. Upon completion of the observations the variety matched the supplied description in all ways. |

## Origin and Breeding

Open pollination: 'Kay Sweet'. The new variety was hybridised by Glen Bradford in 2000. It was developed as an OP seedling from 'Kay Sweet' nectarine. Fruit from "Kay Sweet" nectarine was gathered and the seeds were extracted and germinated using embryo rescue techniques. They were then grown as seedling in a greenhouse and the planted in to a cultivated area of the experimental orchard at Bradford Farms. In 2003 the new variety was selected from this population of seedlings. Subsequent to origination the new variety was asexually reproduced by budding and grafting and such reproduction of plant and fruit characteristics were true to the original in all respects.

**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 | flavour | sub-acid |
| Fruit | maturity | medium |
| Fruit | flesh colour | yellow |
| Plant | time of flowering | medium |
| Fruit | size | large |

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

| Name | Comments |
|---|---|
| 'Kay Sweet' | |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Spring Pearl' | Fruit: flesh colour | yellow | white | matures at the similar time |
| 'June Pearl' | Fruit: flesh colour | yellow | white | matures at the similar time |
| 'Diamond Bright' | Fruit: flavour | subacid | acid | matures at similar time |
| 'Spring Sweet' | Fruit: size | large | medium | matures at similar time |
| 'Spring Bright' | Fruit: flavour | subacid | acid | matures at similar time |

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

| Organ/Plant Part: Context | 'June Sweet' | 'Kay Sweet' |
|---|---|---|
| ☐ *Tree: size | large | large |
| ☐ Tree: vigour | strong | strong |
| ☑ *Tree: habit | upright | spreading |
| ☐ Flowering shoot: thickness | medium | medium |
| ☐ Flowering shoot: length of internodes | medium | short to medium |
| ☐ *Flowering shoot: anthocyanin colouration | present | present |
| ☐ *Flowering shoot: intensity of anthocyanin colouration | strong | medium to strong |
| ☐ *Flowering shoot: density of flower buds | medium | dense |
| ☐ Flowering shoot: general distribution of flower buds | isolated | isolated |
| ☐ *Flower: type | showy | showy |
| ☐ *Calyx: colour of inner side | orange | orange |
| ☐ *Corolla: predominant colour | dark pink | dark pink |
| ☑ *Petal: shape | broad elliptic | round |
| ☐ *Petal: size | large | large |
| ☐ *Petals: number | five | five |
| ☐ Stamens: position | below | below |
| ☐ *Stigma: position | above | above |
| ☐ *Anthers: pollen | present | present |
| ☐ *Ovary: pubescence | absent | present |
| ☐ Young shoot: length of stipule | medium | medium |
| ☐ *Leaf blade: length | medium to long | medium to long |
| ☐ *Leaf blade: width | medium | medium to broad |
| ☐ *Leaf blade: ratio | medium to large | medium |
| ☐ Leaf blade: shape in cross section | flat | flat |
| ☐ Leaf blade: recurvature of apex | present | present |
| ☐ Leaf blade: angle at base | acute | acute |
| ☐ Leaf blade: angle at apex | medium | medium |
| ☐ Leaf blade: colour | greenish yellow | green |
| ☐ Petiole: length | medium | medium |
| ☐ *Petiole: nectaries | present | present |
| ☐ *Petiole: shape of nectaries | reniform | reniform |

| | | |
|---|---|---|
| Petiole: predominant number of nectaries | more than two | more than two |
| *Fruit: size | large | medium |
| *Fruit: shape | round | round |
| *Fruit: shape of pistil end | flat | weakly depressed |
| Fruit: symmetry | symmetric | symmetric |
| Fruit: prominence of suture | weak to medium | weak to medium |
| Fruit: depth of stalk cavity | medium | medium |
| Fruit: width of stalk cavity | medium | medium |
| *Fruit: ground colour | yellow | yellow |
| Fruit: over colour | present | present |
| Fruit: hue of over colour | dark red | medium red |
| *Fruit: pattern of over colour | solid flush | solid flush |
| *Fruit: extent of over colour | very large | large to very large |
| *Fruit: pubescence | absent | absent |
| Fruit: thickness of skin | thin to medium | thin to medium |
| Fruit: adherence of skin to flesh | strong | strong |
| *Fruit: firmness of flesh | very firm | medium |
| *Fruit: ground colour of flesh | light yellow | light yellow |
| *Fruit: anthocyanin colouration directly under skin | absent or very weakly expressed | absent or very weakly expressed |
| *Fruit: anthocyanin colouration of flesh | absent or very weakly expressed | absent or very weakly expressed |
| *Fruit: anthocyanin colouration around stone | absent or very weakly expressed | absent or very weakly expressed |
| Fruit: texture of the flesh | not fibrous | not fibrous |
| Fruit: sweetness | high to very high | high |
| Fruit: acidity | low | low |
| *Stone: size compared to fruit | medium | medium |
| *Stone: shape | elliptic | elliptic |
| Stone: intensity of brown colour | medium | medium |
| Stone: relief of surface | pits and grooves | pits and grooves |
| Stone: tendency of splitting | very low to low | medium |
| *Stone: adherence to flesh | present | present |
| Stone: degree of adherence to flesh | strong to very strong | strong |
| Time of: leaf bud burst | early to medium | early |
| *Time of: beginning of flowering | early to medium | early |

| | | |
|---|---|---|
| *Duration of: flowering | medium | medium |
| *Time of: maturity | medium | early |
| Tendency to: preharvest drop | weak | very weak to weak |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2006 | Granted | ‘June Sweet. |

First sold in January 2007 in USA.

Description: **Peter Buchanan,** Hodgons Vale, QLD.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2010/085 |
| **Variety Name** | ‘Zaimus’ |
| **Genus Species** | *Prunus persica* |
| **Common Name** | Peach |
| **Synonym** | Royal Summer |
| **Accepted Date** | 25 May 2010 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, CA, USA. |
| **Agent** | Graham's Factree Pty Ltd, Hoddles Creek, Vic |
| **Qualified Person** | Graham Fleming |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Community Plant Variety Office (CPVO) |
| **Overseas Data Reference Number** | 2004/2469 |
| **Descriptor** | Peach (*Prunus persica*) TG 53/7 |
| **Conditions** | Where possible, overseas data was converted into standard characteristics in the UPOV technical guidline for peach. |

**Origin and Breeding**

Cross pollination: ‘Zaimus’ was developed from a cross '138LB203' x '236LC517'. The present new variety originated as a controlled pollination of proprietary seedlings '138LB203' and '236LC517' on an experimental orchard located near Modesto, California. A large group of these first generation seedlings were budded to Nemaguard. In 1997 after close observation the present variety was chosen for asexual propagation and commercialisation based on its desirable fruiting characteristics.
Breeder: Zaiger's Pty. Ltd

**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 |
|---|---|---|
| Petiole | nectaries | present |
| | shape of nectaries | reniform |

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

| Name | Comments |
|---|---|
| ‘Zaipela’ | 'Zaipela' is a medium maturing peach with less colour than 'Zaimus' and later bloom time. |
| ‘Diamond Princess’ | 'Diamond Princess' is earlier in maturity and requires less chill hours than 'Zaimus'. |
| ‘Elegant Lady’ | 'Elegant Lady' is later in maturity and requires more chill hours than 'Zaimus'. |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| ‘Zaipela’ | fruit | colour | higher | lower | 'Zaipela' amount of red |

on skin colour is much less that 'Zaimus' and blooms much later in the season.

| | | | | |
|---|---|---|---|---|
| 'Rich Lady' | maturity date | early | late | |

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

| Organ/Plant Part: Context | 'Zaimus' | 'Diamond Princess' | 'Elegant Lady' |
|---|---|---|---|
| ☑ *Tree: size | large | medium | medium |
| ☐ Flowering shoot: presence of anthocyanin colouration | absent | | |
| ☐ *Petiole: nectaries | present | present | present |
| ☐ *Petiole: shape of nectaries | reniform | reniform | reniform |
| ☐ *Fruit: size | large | large | medium to large |
| ☑ *Fruit: relative area of over colour of skin | large to very large | very large | large |
| ☐ *Fruit: carotenoid colouration of flesh | yellow | light yellow | yellow |
| ☐ *Fruit: anthocyanin colouration of flesh around stone | absent or weak | absent or weak | absent or weak |
| ☑ Stone: adherence to flesh | present | absent | absent |
| ☐ Stone: degree of adherence to flesh | medium | | |
| ☐ *Time of: beginning of flowering | medium | medium to late | medium |
| ☐ *Time of: maturity for consumption | medium | early to medium | medium to late |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Zaimus' | 'Diamond Princess' | 'Elegant Lady' |
|---|---|---|---|
| ☑ Fruit: chill units | medium | low | high |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| France | 2004 | Granted | 'Zaimus' |
| EU | 2004 | Granted | 'Zaimus' |

First sold in France in Oct 2004.

Description: **Rebecca Fleming**, Graham's Factree Pty Ltd, Hoddles Creek, Vic

| **Details of Application** | |
|---|---|
| **Application Number** | 2012/027 |
| **Variety Name** | 'Konpepper' |
| **Genus Species** | *Alstroemeria* hybrid |
| **Common Name** | Peruvian Lily |
| **Synonym** | Nil |
| **Accepted Date** | 29 Aug 2012 |
| **Applicant** | Konst Breeding B.V., Nieuwveens, The Netherlands |
| **Agent** | Ball Australia, Keysborough, VIC |
| **Qualified Person** | Mark Lunghusen |

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | Community Plant Variety Office (CPVO) |
| **Overseas Data Reference Number** | INC01038 |
| **Location** | Naktuinbouw ROELOFARENDSVEEN NL, The Netherlands |
| **Descriptor** | UPOV Alstroemeria TG/29/7 |
| **Period** | 2012 |
| **Conditions** | Characteristics are based solely on trials done in ROELOFARENDSVEEN, The Netherlands and published in the test report INC01038 dated 03/10/2012. Comparator data was extracted from Australian PBR description for *Alstroemeria* Fuego Application No. 2002/097 |
| **Trial Design** | Randomized Design |
| **Measurements** | n/a |
| **RHS Chart - edition** | 1986 |

**Origin and Breeding**

Controlled pollination followed by seedling selection: Controlled pollination was made between the maternal parent, in-house breeding variety designated 21100-1 and pollen parent, in-house breeding variety designated 17931-1 as part of a planned breeding program in 2005. The candidate was selected in October 1, 2007 based on flower size. Plants were grown on to determine distinctness, uniformity and stability' Breeder Könst Breeding B.V. The Netherlands.

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

| **Organ/Plant Part** | **Context** | **State of Expression in Group of Varieties** |
|---|---|---|
| Plant | height | tall |
| Flower | main colour | red |
| | | |

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

| **Name** | **Comments** |
|---|---|
| 'Fuego' | |

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

| Organ/Plant Part: Context | 'Konpepper' | 'Fuego' |
|---|---|---|
| ☐ *Plant: height | tall | tall |
| ☑ Stem: thickness | medium to thick | thin |
| ☑ Leaf: length | long | medium |
| ☐ Leaf: width | medium | medium to broad |
| ☐ *Umbel: number of branches | many | medium to many |
| ☑ *Umbel: length of branches | medium | short |
| ☐ *Flower: length of pedicel | short | short |
| ☐ *Flower: main colour | red | red |
| ☑ *Flower: size | large | medium |
| ☑ *Outer tepal: shape of blade | broad elliptic | broad obovate |
| ☑ *Outer tepal: depth of emargination | medium | shallow |
| ☐ *Outer tepal: main colour of central zone (RHS Colour Chart) | red, between RHS 42A and RHS 45A | red 45A |
| ☐ *Outer tepal: main colour of top zone (RHS Colour Chart) | red, between RHS 42A and 45A | red45A |
| ☐ *Outer tepal: main colour of lateral zone (RHS Colour Chart) | red, between RHS 42A and RHS 45A | red 45A |
| ☑ *Outer tepal: main colour of basal zone (RHS Colour Chart) | red, between RHS 42A and RHS 45A; changing into orange red towards the base ca RHS 41B | green white |
| ☐ *Outer tepal: very small or small stripes on marginal part of lateral zone of upper side of blade | absent | absent |
| ☐ *Outer tepal: large or very large stripes on upper side of blade | absent | absent |
| ☐ *Inner tepal: shape of blade | elliptic | elliptic |
| ☐ *Inner lateral tepal: size of striped zone on upper side | large to very large | |
| ☑ *Inner lateral tepal: main colour of striped zone on upper side (RHS Colour Chart) | red at the top, between RHS 42A and RHS 45A; yellow orange in the centre, ca RHS 14B; changing into orange | RHS 45A at the apex; yellow RHS 13A at the centre and RHS 47D at the base |
| ☑ *Inner lateral tepal: number of stripes on upper side | medium | absent or few |
| ☐ *Inner lateral tepal: length of longest stripes on upper side | medium | |
| ☐ *Inner lateral tepal: width of widest stripes on upper side | medium | narrow to medium |
| ☐ *Inner median tepal: difference in striped pattern compared to inner lateral tepal | present | |

| | | |
|---|---|---|
| *Filament: main colour | orange red | red |
| Filament: small spots | absent | absent |
| *Anther: colour just before the start of dehiscence | brownish | orange |
| *Ovary: anthocyanin colouration | present | present |
| *Ovary: intensity of anthocyanin colouration | weak | medium |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| Brasil | 2011 | Applied | ‘Konpepper’ |
| Colombia | 2011 | Appled | ‘Konpepper’ |
| EU | 2010 | Granted | ‘Konpepper’ |
| Japan | 2011 | Applied | ‘Konpepper’ |

First sold in the UK in April 2010 and in Australia in May 2011.

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

| **Details of Application** | |
|---|---|
| **Application Number** | 2011/079 |
| **Variety Name** | 'Konglacier' |
| **Genus Species** | *Alstroemeria* hybrid |
| **Common Name** | Peruvian Lily |
| **Synonym** | Nil |
| **Accepted Date** | 06 Jun2011 |
| **Applicant** | Konst Breeding B.V., Nieuwveens, The Netherlands |
| **Agent** | Ball Australia, Keysborough, VIC |
| **Qualified Person** | Mark Lunghusen |
| | |
| **Details of Comparative Trial** | |
| **Overseas Testing Authority** | Community Plant Variety Office (CPVO) |
| **Overseas Data Reference Number** | INC01035 |
| **Location** | Naktuinbouw ROELOFARENDSVEEN NL, The Netherlands |
| **Descriptor** | UPOV Alstroemeria TG/29/7 |
| **Period** | 2012 |
| **Conditions** | Characteristics are based solely on trials done in ROELOFARENDSVEEN, The Netherlands and published in the test report INC01035 dated 03/10/2012. Comparator data was extracted from Canadian PBR description for *Alstroemeria* Zalsalan Application No. 07-5747 |
| **Trial Design** | Randomized Design |
| **RHS Chart - edition** | 2001 (For comparator data ) |
| | |
| **Origin and Breeding** | |
| Controlled pollination followed by seedling selection: Controlled pollination was made between the maternal parent, in house variety 6454-6 and pollen parent, in house variety 9458-2 in 2003. The candidate was selected on March, 2006 based on flower colour and production. Breeder Konst Breeding B.V. Netherlands | |

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | height | tall |
| Flower | main colour | light yellow |

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

| Name | Comments |
|---|---|
| 'Zalsalan' | |
| | |

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

| Organ/Plant Part: Context | 'Konglacier' | 'Zalsalan' |
|---|---|---|
| ☐ *Plant: height | tall | tall |
| ☑ Stem: thickness | thick | medium |
| ☐ Leaf: length | medium | medium |
| ☐ Leaf: width | narrow to medium | medium |
| ☑ *Umbel: number of branches | many to very many | few to medium |
| ☐ *Umbel: length of branches | medium | medium |
| ☐ *Flower: length of pedicel | short to medium | short |
| ☐ *Flower: main colour | light yellow | white |
| ☐ *Flower: size | medium to large | large |
| ☑ *Outer tepal: shape of blade | broad elliptic | broad obovate |
| ☑ *Outer tepal: depth of emargination | shallow | medium |
| ☐ *Outer tepal: main colour of central zone (RHS Colour Chart) | light yellow brown, ca RHS 158B; less mature flower more yellow, more mature flower white | RHS 155C |
| ☐ *Outer tepal: main colour of top zone (RHS Colour Chart) | light yellow brown, ca RHS 158B; with green venation | RHS 155C |
| ☐ *Outer tepal: main colour of lateral zone (RHS Colour Chart) | light yellow brown, ca RHS 158B | RHS 155C |
| ☐ *Outer tepal: main colour of basal zone (RHS Colour Chart) | light yellow brown, between RHS 158B and RHS 158C | RHS 155C |
| ☐ *Outer tepal: very small or small stripes on marginal part of lateral zone of upper side of blade | absent | absent |
| ☐ *Outer tepal: large or very large stripes on upper side of blade | absent | absent |
| ☐ *Inner tepal: shape of blade | elliptic | elliptic |
| ☐ *Inner lateral tepal: size of striped zone on upper side | large | |
| ☑ *Inner lateral tepal: main colour of striped zone on upper side (RHS Colour Chart) | light yellow, ca RHS 11C; more mature flower more intense yellow | RHS 7A |
| ☐ *Inner lateral tepal: number of stripes on upper side | medium | medium |
| ☐ *Inner lateral tepal: length of longest stripes on upper side | medium | short to medium |
| ☐ *Inner lateral tepal: width of widest stripes on upper side | medium | narrow to medium |
| ☐ *Inner median tepal: difference in striped pattern | present | |

| | | |
|---|---|---|
| compared to inner lateral tepal | | |
| ☐ *Filament: main colour | pink | pink |
| ☐ Filament: small spots | absent | absent |
| ☐ *Anther: colour just before the start of dehiscence | brownish | brownish |
| ☑ *Ovary: anthocyanin colouration | present | absent |
| ☐ *Ovary: intensity of anthocyanin colouration | weak | |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| EU | 2010 | Granted | ‘Konglacier’ |
| Japan | 2011 | Applied | ‘Konglacier’ |

First sold in Japan and Australia in May 2010.

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

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/011 |
| **Variety Name** | 'Plumsweet X' |
| **Genus Species** | *Prunus sp* |
| **Common Name** | Interspecific Plum |
| **Synonym** | |
| **Accepted Date** | 16th May 2012 |
| **Applicant** | Lowell G. Bradford, USA |
| **Agent** | Buchanan's Nursery, Hodgson Vale QLD |
| **Qualified Person** | Peter Buchanan |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | US Patent and Trademarks Office |
| **Overseas Data Reference Number** | PP 19528 |
| **Location** | Hodgson Vale, QLD |
| **Descriptor** | Japanese Plum UPOV TG/84/3 |
| **Period** | 2 years |
| **Conditions** | The trial was conducted under normal growing conditions for Hodgsonvale, QLD.. Sufficient winter chill as observed and average summer temperatures for the area. There was some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| **Trial Design** | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| **Measurements** | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 19528. Upon completion of the observations the variety matched the supplied description in all ways |
| **RHS Chart - edition** | |

**Origin and Breeding**

Open pollination: 'Candy Gem' x unknown The new variety was hybridised by Glen Bradford in 2001. During the bloom season a tree of 'Candy Gem' was isolated in a screen house. A hive of bees was introduced in to the house. During the bloom season bouquets to provide pollen from different plum, apricot and interspecific plums were placed in buckets near the tree every two days for the duration of the bloom to provide pollination. Upon reaching maturity the fruit was harvested the seeds removed and grown in a greenhouse and the the seedlings were transplanted to a cultivated area of the experimental orchard at Bradford Farms. From this population of seedlings the new variety was selected as a single tree. Subsequent to origination of the new variety of interspecific plum it was asexually reproduced using budding and grafting and such reproduction of plant and fruit characteristics were identical to the original in all respects. It differs from seed parent in having red flesh colour, mottled red skin colour

and medium in maturity.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Fruit | flesh colour | red |
| Fruit | flavour | very sweet |
| Fruit | skin colour | mottled red |
| Plant | time of maturity | early-medium |

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

| Name | Comments |
|---|---|
| 'Candy Gem' | One of the selected pollen plum parent |
| 'Candy Rosa' | dark red skin plum that matures around the same time |
| 'Flavour Majesty' | mottled skin plum with red flesh |
| 'Ebony Treat' | plum variety matures around the same time |
| 'Dapple Dino' | mottled skin plum with red flesh |
| 'Purple Majesty' | plum variety which matures at the same time |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Candy Gem' | Fruit | skin colour/ flesh colour | red/red | Purple/yellow | It is of different skin and flesh colour |
| 'Flavour Majesty' | Fruit | maturity | early-medium | early | It is rejected on the ground it matures 10-14 days earlier |
| 'Ebony Treat' | Fruit | skin colour | red | black | It is rejected on the ground of different skin colour |
| 'Dapple Dino' | Fruit | maturity | early-medium | medium | It is rejected on the ground it matures 10-14 days later |

| | | | | | |
|---|---|---|---|---|---|
| 'Purple Majesty' | Fruit | skin colour/ flesh colour | red/red | purple/yellow | It is of different skin and flesh colour |

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

| Organ/Plant Part: Context | Plumsweet X' | 'Candy Rosa' |
|---|---|---|
| ☐ Tree: type of bearing | on spurs and long shoots | on spurs and long shoots |
| ☑ Tree: vigour | medium to strong | strong |
| ☐ *Tree: habit | upright | upright |
| ☐ One-year old shoot: colour | brown | yellow brown |
| ☐ Spur: length | medium | medium to strong |
| ☐ Vegetative bud: size | medium | medium |
| ☐ Vegetative bud: shape of apex | acute | acute |
| ☐ One-year-old shoot: position of vegetative bud in relation to shoot | slightly held out | slightly held out |
| ☐ *Leaf blade: length | medium | medium |
| ☐ *Leaf blade: width | medium | medium |
| ☐ *Leaf blade: length/width ratio | moderately elongated | moderately elongated |
| ☐ *Leaf blade: shape | elliptic | elliptic |
| ☐ *Leaf blade: colour of upper side | medium green | dark green |
| ☐ *Leaf blade: angle of apex (excluding tip) | acute | acute |
| ☐ Leaf: glossiness of upper side | medium | medium |
| ☐ Leaf blade: density of pubescence of lower side | medium | medium |
| ☐ *Leaf blade: incisions of margin | serrate | serrate |
| ☐ *Petiole: length | medium | medium |
| ☐ Leaf: position of nectaries | equally on base of leaf blade and on petiole | equally on base of leaf blade and on petiole |
| ☐ *Pedicel: length | medium | medium |
| ☐ Flower: diameter | medium to large | medium |
| ☐ Flower: arrangement of petals | free | free |
| ☐ *Sepal: shape | medium ovate | medium ovate |
| ☐ *Petal: length | medium | medium |

| | | |
|---|---|---|
| *Petal: shape | circular | circular |
| Petal: undulation of margin | medium | medium |
| *Stigma: position in relation to anthers | same level | above |
| Fruit: length of stalk | medium | medium |
| *Fruit: size | medium | medium |
| *Fruit: height | medium | medium |
| *Fruit: width | medium | medium |
| *Fruit: shape in lateral view | circular | circular |
| Fruit: symmetry | symmetric or slightly asymmetric | symmetric or slightly asymmetric |
| *Fruit: shape of base | depressed | depressed |
| Fruit: shape of apex | rounded | rounded |
| *Fruit: depth of stalk cavity | medium | medium |
| *Fruit: width of stalk cavity | medium | medium |
| *Fruit: depth of suture | absent or very shallow | absent or very shallow |
| *Fruit: bloom of skin | strong | strong |
| *Fruit: ground colour of skin | yellowish green | yellow |
| *Fruit: relative area of over colour | large | large to very large |
| *Fruit: over colour of skin | dark red | dark red |
| *Fruit: pattern of over colour | mottled | solid flush only |
| *Fruit: number of lenticels | many | medium |
| *Fruit: size of lenticels | small | small |
| *Fruit: colour of flesh | dark red | yellow |
| Fruit: firmness | firm | firm |
| Fruit: juiciness | high | high |
| Fruit: acidity | medium | medium |
| Fruit: sweetness | high | medium |
| *Fruit: adherence of stone to flesh | adherent | adherent |
| Fruit: amount of fiber | medium | medium |
| *Stone: size | medium | medium |
| *Stone: shape in lateral view | medium elliptic | medium elliptic |
| *Stone: shape in ventral view | narrow elliptic | narrow elliptic |
| *Stone: shape in basal view | narrow elliptic | narrow elliptic |
| Stone: symmetry in lateral view | symmetric or slightly asymmetric | symmetric or slightly asymmetric |

| | | |
|---|---|---|
| Stone: texture of lateral surfaces | rough | rough |
| Stone: width of stalk-end | medium | medium |
| *Time of: beginning of flowering | medium | medium |
| *Time of: beginning of fruit ripening | early to medium | early |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2007 | Granted | ‘Plumsweet X’ |

First sold in USA in December 2013.

Description: **Peter Buchanan,** Hodgson Vale, QLD.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/012 |
| **Variety Name** | 'Blackred VIII' |
| **Genus Species** | *Prunus sp.* |
| **Common Name** | Interspecific Plum |
| **Synonym** | |
| **Accepted Date** | 9th August 2013 |
| **Applicant** | Lowell G. Bradford, USA |
| **Agent** | Buchanan's Nursery, Hodgson Vale QLD |
| **Qualified Person** | Peter Buchanan |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | US Patent and Trademarks Office |
| **Overseas Data Reference Number** | PP 20863 |
| **Location** | Hodgson Vale, QLD |
| **Descriptor** | Japanese Plum UPOV TG/84/3 |
| **Period** | 2 years |
| **Conditions** | The trial was conducted under normal growing conditions for Hodgsonvale, QLD.. Sufficient winter chill as observed and average summer temperatures for the area. There was some dry conditions experienced and supplemental irrigation was used. All standard orchard practice and maintenance was used for the length of the trial and will continue. |
| **Trial Design** | 10 trees of the candidate variety were planted at a spacing of 2.5 metres between trees and 5 metres between tree rows. The comparator was also planted on the same tree number and spacings. |
| **Measurements** | Observations of the tree, fruit and flower characteristics were made to confirm that the variety is the same description in the US PP 20863. Upon completion of the observations the variety matched the supplied description in all ways. |
| **RHS Chart - edition** | |

**Origin and Breeding**

Open pollination: '19P442' x unknown. The new variety was hybridised by Glen Bradford in 2001. During the bloom season a tree of experimental variety 19P442 was isolated in a screen house. A hive of bees was introduced in to the house. The experimental variety 19P442 was the seed parent. During the bloom season bouquets to provide pollen from different plum, apricot and interspecific plums were placed in buckets near the tree every two days for the duration of the bloom to provide pollination. Upon reaching maturity the fruit was harvested the seeds removed and grown in a greenhouse and the the seedlings were transplanted to a cultivated area of the experimental orchard at Bradford Farms. From this population of seedlings the new variety was selected as a single tree. Subsequent to origination of the new variety of interspecific plum it was asexually reproduced using budding and grafting and such reproduction of plant and fruit characteristics were identical to the original in all

respects.It differs from seed parent in producing fruit that is sweeter in flavour, much larger in size and matures about two months later.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Fruit | flesh colour | yellow |
| Fruit | flavour | sweet |
| Fruit | skin colour | dark red |
| Plant | time of flowering | medium-late |

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

| Name | Comments |
|---|---|
| 'Autumn Honey' | very sweet plum that matures around the same time |
| 'Autumn Candy' | dark red skin plum that matures around the same time |
| 'Sierra Sweet' | dark purple skin plum that matures around the same time |
| 'Red Candy' | very sweet red plum that matures around the same time |
| 'August Candy' | very sweet plum tree that flowers and matures around the same time |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Autumn Honey' | Fruit | Skin colour/ flesh colour | Black red/orange red | Green red/ yellow green | It is of different skin and flesh colour |
| 'Sierra Sweet' | Fruit | flesh colour | orange red | yellowish green | It is rejected on the ground of different flesh colour |
| 'Red Candy' | Fruit | Skin colour flesh colour | black red/ orange red | red/yellow | It is rejected on the ground of different skin and flesh colour |

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

| Organ/Plant Part: Context | 'Blackred VIII' | 'August Candy' |
|---|---|---|
| ☐ Tree: type of bearing | on spurs and long shoots | on spurs and long shoots |
| ☑ Tree: vigour | medium | strong |
| ☐ *Tree: habit | upright | upright |
| ☐ One-year old shoot: colour | yellow brown | brown |
| ☐ Spur: length | medium | short to medium |
| ☐ Vegetative bud: size | medium | medium |
| ☐ Vegetative bud: shape of apex | acute | acute |
| ☐ One-year-old shoot: position of vegetative bud in relation to shoot | slightly held out | slightly held out |
| ☐ *Leaf blade: length | medium | medium |
| ☐ *Leaf blade: width | medium | medium |
| ☐ *Leaf blade: length/width ratio | moderately elongated | moderately elongated |
| ☐ *Leaf blade: shape | elliptic | elliptic |
| ☐ *Leaf blade: colour of upper side | medium green | medium green |
| ☐ *Leaf blade: angle of apex (excluding tip) | acute | acute |
| ☐ Leaf: glossiness of upper side | medium | medium |
| ☐ Leaf blade: density of pubescence of lower side | sparse | sparse |
| ☐ *Leaf blade: incisions of margin | serrate | serrate |
| ☐ *Petiole: length | medium | medium |
| ☐ Leaf: position of nectaries | equally on base of leaf blade and on petiole | equally on base of leaf blade and on petiole |
| ☐ *Pedicel: length | medium | medium |
| ☐ Flower: diameter | medium | small to medium |
| ☐ Flower: arrangement of petals | touching | touching |
| ☐ *Sepal: shape | medium ovate | medium ovate |
| ☐ *Petal: length | medium | short to medium |
| ☐ *Petal: shape | circular | circular |
| ☐ Petal: undulation of margin | medium | strong |
| ☐ *Stigma: position in relation to anthers | above | above |
| ☐ Fruit: length of stalk | medium | medium |

| | | |
|---|---|---|
| *Fruit: size | large | large |
| *Fruit: height | medium | medium |
| *Fruit: width | medium | medium |
| *Fruit: shape in lateral view | oblate | circular |
| Fruit: symmetry | symmetric or slightly asymmetric | symmetric or slightly asymmetric |
| *Fruit: shape of base | depressed | depressed |
| Fruit: shape of apex | depressed | rounded |
| *Fruit: depth of stalk cavity | medium | medium |
| *Fruit: width of stalk cavity | medium | medium |
| *Fruit: depth of suture | absent or very shallow | absent or very shallow |
| *Fruit: bloom of skin | strong | strong |
| *Fruit: ground colour of skin | not visible | yellow |
| *Fruit: relative area of over colour | very large or whole surface | large to very large |
| *Fruit: over colour of skin | black | dark red |
| *Fruit: pattern of over colour | mottled | solid flush only |
| *Fruit: number of lenticels | medium | medium |
| *Fruit: size of lenticels | small | small |
| *Fruit: colour of flesh | medium red | yellow |
| Fruit: firmness | firm to very firm | firm to very firm |
| Fruit: juiciness | medium | high |
| Fruit: acidity | medium | medium |
| Fruit: sweetness | high | medium |
| *Fruit: adherence of stone to flesh | adherent | adherent |
| Fruit: amount of fiber | medium | medium |
| *Stone: size | medium | medium |
| *Stone: shape in lateral view | medium elliptic | medium elliptic |
| *Stone: shape in ventral view | narrow elliptic | narrow elliptic |
| *Stone: shape in basal view | narrow elliptic | narrow elliptic |
| Stone: symmetry in lateral view | symmetric or slightly asymmetric | symmetric or slightly asymmetric |
| Stone: texture of lateral surfaces | rough | rough |
| Stone: width of stalk-end | medium | medium |
| *Time of: beginning of flowering | early | medium to late |
| *Time of: beginning of fruit ripening | late | late |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2008 | Granted | 'Blackred VIII' |

First sold in USA in 2009

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

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/103 |
| **Variety Name** | 'FL 2215' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Synonym** | |
| **Accepted Date** | 25th June 2012 |
| **Applicant** | Frito-Lay North America Inc, Plano Texas, USA. |
| **Agent** | Pepsico Australia & NZ, Chatswood, NSW. |
| **Qualified Person** | John Fennell |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Waikerie, SA |
| **Descriptor** | Potato (*Solanum tuberosum*) UPOV TG/23/6 |
| **Period** | January 2013 to August 2013 |
| **Conditions** | Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 2 January 2013. Pots placed on benches in a screened polythene clad greenhouse |
| **Trial Design** | RCBD with two replicates of 30 plants per variety |
| **Measurements** | Observations taken of foliage characteristics on 7 February 2013. Tubers harvested on 14 March 2013 and recorded on 10 April 2013. Lightsprout data recorded and photographed on 24 August 2013. |

**Origin and Breeding**

Controlled pollination: 'FL 1840 x 'FL1867'. 'FL 2215' was selected in the field in in 2008 after its evaluation in trials from 2002. It has been maintained in the present form for 10 generations indicating it is a stable genotype with uniform morphology. The seed parent differs from 'FL 2215' in having light blue violet corolla colour. The pollen parent also differs from the new variety in having white corolla colour and red violet light sprout. No offtypes have been detected.

**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 |
|---|---|---|
| Lightsprout | shape | conical |
| Lightsprout | intensity of anthocyanin coloration | strong |
| Tuber | colour of skin | light beige |
| Tuber | colour of flesh | white |

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

| Name | Comments |
|---|---|
| 'Atlantic' | |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'FL1867' | Flower: colour | blue | light purple | pollen parent |

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

| Organ/Plant Part: Context | 'FL 2215' | 'Atlantic' |
|---|---|---|
| ☑ Lightsprout: size | large | medium |
| ☐ *Lightsprout: shape | conical | conical |
| ☐ *Lightsprout: intensity of anthocyanin colouration | strong | strong |
| ☑ *Lightsprout: proportion of blue in anthocyanin colouration of base | high | absent or low |
| ☑ *Lightsprout: pubescence of base | very strong | strong |
| ☑ Lightsprout: size of tip in relation to base | large | medium |
| ☐ Lightsprout: habit of tip | intermediate | intermediate |
| ☐ Lightsprout: anthocyanin colouration of tip | strong | medium |
| ☑ Lightsprout: pubescence of tip | strong | weak |
| ☐ *Lightsprout: number of root tips | medium | medium |
| ☐ Lightsprout: length of lateral shoots | short | |
| ☐ Plant: foliage structure | intermediate type | intermediate type |
| ☐ *Plant: growth habit | semi-upright to spreading | semi-upright |
| ☐ *Stem: anthocyanin colouration | absent or very weak | weak |
| ☐ Leaf: outline size | medium | medium |
| ☐ Leaf: openness | open | open |
| ☐ Leaf: presence of secondary leaflets | medium | medium |
| ☐ Leaf: green colour | light to medium | light to medium |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak |
| ☑ Second pair of lateral leaflets: size | medium | small |
| ☐ Second pair of lateral leaflets: width in relation to length | medium | medium |
| ☐ Terminal and lateral leaflets: frequency of coalescence | low | low |
| ☐ Leaflet: waviness of margin | weak | weak to medium |
| ☐ Leaflet: depth of veins | medium | medium |
| ☐ Leaflet: glossiness of the upperside | medium | medium |
| ☐ Leaflet: pubescence of blade at apical rosette | absent | absent |
| ☐ Flower bud: anthocyanin colouration | weak | absent or very weak |
| ☑ Plant: height | tall | medium |
| ☐ *Plant: frequency of flowers | medium to high | medium to high |
| ☐ Inflorescence: size | medium to large | large |

| | | |
|---|---|---|
| ☐ Inflorescence: anthocyanin colouration on peduncle | weak | absent or very weak |
| ☐ Flower corolla: size | large | large |
| ☑ *Flower corolla: intensity of anthocyanin colouration on inner side | very strong | weak to medium |
| ☑ *Flower corolla: proportion of blue in anthocyanin colouration on inner side | high | absent or low |
| ☑ *Flower corolla: extent of anthocyanin colouration on inner side | large | medium |
| ☐ *Plant: time of maturity | medium | medium |
| ☑ *Tuber: shape | long-oval | round |
| ☐ Tuber: depth of eyes | shallow | medium |
| ☐ *Tuber: colour of skin | light beige | light beige |
| ☐ *Tuber: colour of flesh | white | white |
| ☐ Tuber: anthocyanin colouration of skin in reaction to light | absent or very weak | absent or very weak |

**Characteristics Additional to the Descriptor/TG**

| **Organ/Plant Part: Context** | **'FL 2215'** | **'Atlantic'** |
|---|---|---|
| ☐ Stem: thickness | thick | medium |
| ☑ Tuber: skin smoothness | smooth | rough |
| ☐ Stem: wings | small | small |

**Prior Applications and Sales**

| **Country** | **Year** | **Current Status** | **Name Applied** |
|---|---|---|---|
| USA | 2009 | Granted | 'FL 2215' |
| Canada | 2010 | Granted | 'FL 2215' |

Description: **John Fennell,** Littlehampton, SA.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/100 |
| **Variety Name** | 'FL 2126' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Synonym** | |
| **Accepted Date** | 25th June 2012 |
| **Applicant** | Frito-Lay North America Inc, Plano Texas, USA. |
| **Agent** | Pepsico Australia & NZ, Chatswood, NSW. |
| **Qualified Person** | John Fennell |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Waikerie, SA |
| **Descriptor** | Potato (*Solanum tuberosum*) UPOV TG/23/6 |
| **Period** | January 2013 to August 2013 |
| **Conditions** | Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 2 January 2013. Pots placed on benches in a screened polythene clad greenhouse |
| **Trial Design** | RCBD with two replicates of 30 plants per variety |
| **Measurements** | Observations taken of foliage characteristics on 7 February 2013. Tubers harvested on 14 March 2013 and recorded on 10 April 2013. Lightsprout data recorded and photographed on 24 August 2013. Flowers aborted in this trial and so observations on flowers were not recorded. Published data informs that 'FL2126' has white flowers. |

**Origin and Breeding**

Controlled pollination: 'FL 1867 x 'Hermes'. 'FL 2126' was selected in the field in 2000 after its evaluation. It has been maintained in the present form for 11 generations indicating it is a stable genotype with uniform morphology. The seed parent differs from 'FL216' in having a open leaf silhouette. The pollen parent differs from the new variety in having yellow tuber flesh colour. No off-types have been detected.

**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 |
|---|---|---|
| Lightsprout | anthocyanin colouration of tip | very weak to weak |
| Flower | colour | white |
| Tuber | skin colour | beige |
| Tuber | skin smoothness | rough |

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

| Name | Comments |
|---|---|
| 'FL1867' | |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Atlantic' | Flower: colour | white | light purple | |

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

| Organ/Plant Part: Context | 'FL 2126' | 'FL 1867' |
|---|---|---|
| ☐ Lightsprout: size | very small to small | medium |
| ☑ *Lightsprout: shape | spherical | narrow cylindrical |
| ☑ *Lightsprout: intensity of anthocyanin colouration | weak to medium | strong |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| ☐ *Lightsprout: pubescence of base | weak | medium |
| ☐ Lightsprout: size of tip in relation to base | medium | large |
| ☐ Lightsprout: habit of tip | closed | intermediate |
| ☐ Lightsprout: anthocyanin colouration of tip | very weak to weak | weak |
| ☐ Lightsprout: pubescence of tip | weak | weak to medium |
| ☐ *Lightsprout: number of root tips | few | medium |
| ☐ Lightsprout: length of lateral shoots | short | short |
| ☐ Plant: foliage structure | intermediate type | intermediate type |
| ☑ *Plant: growth habit | semi-upright | spreading |
| ☐ *Stem: anthocyanin colouration | absent or very weak | absent or very weak |
| ☑ Leaf: outline size | medium | large |
| ☑ Leaf: openness | closed to intermediate | open |
| ☐ Leaf: presence of secondary leaflets | medium to strong | medium |
| ☐ Leaf: green colour | light | light to medium |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | absent or very weak | absent or very weak |
| ☐ Second pair of lateral leaflets: size | medium | medium to large |
| ☐ Second pair of lateral leaflets: width in relation to length | medium | narrow to medium |
| ☑ Terminal and lateral leaflets: frequency of coalescence | high | low |
| ☐ Leaflet: waviness of margin | medium | weak |
| ☐ Leaflet: depth of veins | medium to deep | shallow |
| ☐ Leaflet: glossiness of the upperside | dull | dull to medium |
| ☐ Leaflet: pubescence of blade at apical rosette | absent | present |
| ☐ Flower bud: anthocyanin colouration | absent or very weak | absent or very weak |
| ☐ Plant: height | medium to tall | tall |

| | | | |
|---|---|---|---|
| ☑ | *Plant: frequency of flowers | absent or very low | high |
| ☐ | *Plant: time of maturity | late | early to medium |
| ☐ | *Tuber: shape | oval | round |
| ☑ | Tuber: depth of eyes | medium to deep | shallow |
| ☐ | *Tuber: colour of skin | light beige | light beige |
| ☑ | *Tuber: colour of flesh | cream | white |
| ☐ | Tuber: anthocyanin colouration of skin in reaction to light | very weak | weak |

**Characteristics Additional to the Descriptor/TG**

| | **Organ/Plant Part: Context** | **'FL 2126'** | **'FL 1867'** |
|---|---|---|---|
| ☐ | Stem: thickness | medium | thick |
| ☑ | Tuber: skin smoothness | rough | medium |
| ☑ | Stem: wings | medium | large |

**Prior Applications and Sales**

| **Country** | **Year** | **Current Status** | **Name Applied** |
|---|---|---|---|
| USA | 2011 | Granted | 'FL2126' |
| Canada | 2011 | Granted | 'FL2126' |

First sold in USA in January 2009.

Description: **John Fennell,** Littlehampton, SA.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/102 |
| **Variety Name** | 'FL 2204' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Synonym** | |
| **Accepted Date** | 25th June 2012 |
| **Applicant** | Frito-Lay North America Inc, Plano Texas, USA. |
| **Agent** | Pepsico Australia & NZ, Chatswood, NSW. |
| **Qualified Person** | John Fennell |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Waikerie, SA |
| **Descriptor** | Potato (*Solanum tuberosum*) UPOV TG/23/6 |
| **Period** | January 2013 to August 2013 |
| **Conditions** | Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 2 January 2013. Pots placed on benches in a screened polythene clad greenhouse |
| **Trial Design** | RCBD with two replicates of 30 plants per variety |
| **Measurements** | Observations taken of foliage characteristics on 7 February 2013. Tubers harvested on 14 March 2013 and recorded on 10 April 2013. Lightsprout data recorded and photographed on 24 August 2013. |

**Origin and Breeding**

Controlled pollination: 'FL 1867 x 'Andover'. 'FL 2204' was selected in the field in in 2008 after its evaluation in trials from 2002. It has been maintained in the present from for 10 generations indicating it is a stable genotype with uniform morphology. The seed parent differs from 'FL 2204 in having white corolla colour. The pollen parent also differs from the new variety in having white corolla colour. No off-types have been detected.

**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 |
|---|---|---|
| Lightsprout | anthocyanin colouration of base | medium to strong |
| Flower | colour | red violet |
| Tuber | shape | round to short oval |

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

| Name | Comments |
|---|---|
| 'Atlantic' | |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'FL1867' | Flower: colour | red violet | white | seed parent |

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

| | Organ/Plant Part: Context | 'FL 2204' | 'Atlantic' |
|---|---|---|---|
| ☐ | Lightsprout: size | medium | medium |
| ☑ | *Lightsprout: shape | ovoid | conical |
| ☑ | *Lightsprout: intensity of anthocyanin colouration | medium | strong |
| ☐ | *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| ☐ | *Lightsprout: pubescence of base | medium | strong |
| ☐ | Lightsprout: size of tip in relation to base | medium to large | medium |
| ☑ | Lightsprout: habit of tip | closed | intermediate |
| ☐ | Lightsprout: anthocyanin colouration of tip | medium | medium |
| ☐ | Lightsprout: pubescence of tip | absent or very weak | weak |
| ☐ | *Lightsprout: number of root tips | few | medium |
| ☐ | Lightsprout: length of lateral shoots | short | - |
| ☐ | Plant: foliage structure | intermediate type | intermediate type |
| ☐ | *Plant: growth habit | semi-upright | semi-upright |
| ☐ | *Stem: anthocyanin colouration | weak | weak |
| ☐ | Leaf: outline size | medium | medium |
| ☐ | Leaf: openness | open | open |
| ☐ | Leaf: presence of secondary leaflets | medium | medium |
| ☐ | Leaf: green colour | light to medium | light to medium |
| ☐ | Leaf: anthocyanin colouration on midrib of upper side | weak | absent or very weak |
| ☐ | Second pair of lateral leaflets: size | small to medium | small |
| ☐ | Second pair of lateral leaflets: width in relation to length | medium | medium |
| ☐ | Terminal and lateral leaflets: frequency of coalescence | low | low |
| ☐ | Leaflet: waviness of margin | medium | weak to medium |
| ☑ | Leaflet: depth of veins | deep | medium |
| ☑ | Leaflet: glossiness of the upperside | dull | medium |
| ☐ | Leaflet: pubescence of blade at apical rosette | absent | absent |
| ☐ | Flower bud: anthocyanin colouration | absent or very weak | absent or very weak |
| ☑ | Plant: height | tall | medium |
| ☐ | *Plant: frequency of flowers | medium | medium to high |
| ☐ | Inflorescence: size | large | large |

| | | |
|---|---|---|
| ☐ Inflorescence: anthocyanin colouration on peduncle | absent or very weak | absent or very weak |
| ☐ Flower corolla: size | large | large |
| ☐ *Flower corolla: intensity of anthocyanin colouration on inner side | weak to medium | weak to medium |
| ☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low |
| ☐ *Flower corolla: extent of anthocyanin colouration on inner side | small to medium | medium |
| ☐ *Plant: time of maturity | early to medium | medium |
| ☐ *Tuber: shape | round | short-oval |
| ☐ Tuber: depth of eyes | shallow | medium |
| ☐ *Tuber: colour of skin | light beige | light beige |
| ☐ *Tuber: colour of flesh | white | white |
| ☐ Tuber: anthocyanin colouration of skin in reaction to light | absent or very weak | absent or very weak |

**Characteristics Additional to the Descriptor/TG**

| **Organ/Plant Part: Context** | **'FL 2204'** | **'Atlantic'** |
|---|---|---|
| ☐ Stem: thickness | medium | medium |
| ☑ Tuber: skin smoothness | medium | rough |
| ☑ Stem: wings | medium | small |

**Prior Applications and Sales**

| **Country** | **Year** | **Current Status** | **Name Applied** |
|---|---|---|---|
| USA | 2009 | Granted | 'FL 2204' |
| Canada | 2010 | Granted | 'FL 2204' |

First sold in Australia  in USA January 2012.

Description: **John Fennell,** Littlehampton, SA.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/058 |
| **Variety Name** | 'Infinity' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Synonym** | |
| **Accepted Date** | 27th April 2012 |
| **Applicant** | Irish Potato Marketing Ltd, Dublin, Ireland |
| **Agent** | |
| **Qualified Person** | John Fennell |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Waikerie, SA |
| **Descriptor** | Potato (*Solanum tuberosum*) UPOV TG/23/6 |
| **Period** | January 2013 to August 2013 |
| **Conditions** | Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 2 January 2013. Pots placed on benches in a screened polythene clad greenhouse |
| **Trial Design** | RCBD with two replicates of 30 plants per variety |
| **Measurements** | Observations taken of foliage characteristics on 7 February 2013. Tubers harvested on 14 March 2013 and recorded on 10 April 2013. Lightsprout data recorded and photographed on 24 August 2013. |

**Origin and Breeding**

Controlled pollination: 'Lady Rosetta' x 'Rooster'. 'Infinity' was selected in the field in 1999 at the Teagasc Crop Research Centre, Ireland. It is derived from the hybridisation of parents and a phenotypic recurrent selection technique. It has been maintained in the present formm for 13 generations indicating it is a stable genotype with uniform morphology. The seed parent differs from 'Infinity' in having spreading plant habit with ovoid shaped lightsprout. The pollen parent differs from the new variety in having yellow coloured tuber flesh and the leaf midrib having fewer secondary leaflets.

**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 |
|---|---|---|
| Lightsprout | shape | narrow cylindrical |
| Tuber | shape | short oval to oval |
| Tuber | skin colour | red |
| Tuber | flesh colour | cream |

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

| Name | Comments |
|---|---|
| 'Romeo' | |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Desiree' | Tuber: shape | short oval | oval to long oval | |
| 'Lady Rosetta' | Light sprout shape | narrow cylindrical | ovoid | seed parent |

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

| Organ/Plant Part: Context | 'Infinity' | 'Romeo' |
|---|---|---|
| ☐ Lightsprout: size | large | medium to large |
| ☐ *Lightsprout: shape | narrow cylindrical | narrow cylindrical |
| ☐ *Lightsprout: intensity of anthocyanin colouration | very strong | strong |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| ☐ *Lightsprout: pubescence of base | medium | weak |
| ☐ Lightsprout: size of tip in relation to base | medium | medium |
| ☐ Lightsprout: habit of tip | intermediate to open | closed to intermediate |
| ☐ Lightsprout: anthocyanin colouration of tip | medium to strong | medium |
| ☐ Lightsprout: pubescence of tip | strong | weak |
| ☐ *Lightsprout: number of root tips | many | medium |
| ☐ Lightsprout: length of lateral shoots | medium | short |
| ☐ Plant: foliage structure | intermediate type | intermediate type |
| ☐ *Plant: growth habit | semi-upright | semi-upright |
| ☐ *Stem: anthocyanin colouration | very strong | very strong |
| ☐ Leaf: outline size | medium | medium |
| ☐ Leaf: openness | intermediate | intermediate |
| ☑ Leaf: presence of secondary leaflets | strong | weak |
| ☑ Leaf: green colour | dark to very dark | medium to dark |
| ☐ Leaf: anthocyanin colouration on midrib of upper side | very strong | very strong |
| ☐ Second pair of lateral leaflets: size | medium | medium |
| ☑ Second pair of lateral leaflets: width in relation to length | narrow to medium | medium to broad |
| ☐ Terminal and lateral leaflets: frequency of coalescence | medium | low |
| ☑ Leaflet: waviness of margin | very strong | weak |
| ☑ Leaflet: depth of veins | medium to deep | shallow |
| ☐ Leaflet: glossiness of the upper side | dull | dull |
| ☐ Leaflet: pubescence of blade at apical rosette | present | absent |
| ☐ Flower bud: anthocyanin colouration | strong | very strong |

| | | |
|---|---|---|
| ☑ Plant: height | medium to tall | very tall |
| ☐ *Plant: frequency of flowers | high | high |
| ☐ Inflorescence: size | medium | small |
| ☐ Inflorescence: anthocyanin colouration on peduncle | strong | very strong |
| ☐ Flower corolla: size | medium | medium |
| ☐ *Flower corolla: intensity of anthocyanin colouration on inner side | strong | weak |
| ☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low |
| ☐ *Flower corolla: extent of anthocyanin colouration on inner side | medium | small to medium |
| ☐ *Plant: time of maturity | medium | medium to late |
| ☐ *Tuber: shape | short-oval | oval |
| ☑ Tuber: depth of eyes | shallow | medium to deep |
| ☐ *Tuber: colour of skin | red | red |
| ☑ *Tuber: colour of base of eye | red | yellow |
| ☐ *Tuber: colour of flesh | cream | cream |

**Characteristics Additional to the Descriptor/TG**

| **Organ/Plant Part: Context** | **'Infinity'** | **'Romeo'** |
|---|---|---|
| ☐ Stem: thickness | medium | medium |
| ☐ Tuber: skin smoothness | medium | smooth |

**Prior Applications and Sales**

| **Country** | **Year** | **Current Status** | **Name Applied** |
|---|---|---|---|
| European Union | 2010 | Granted | 'Infinity' |

First sold in UK in January 2011.

Description: **John Fennell,** Littlehampton, SA.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/057 |
| **Variety Name** | 'Cristina' |
| **Genus Species** | *Solanum tuberosum* |
| **Common Name** | Potato |
| **Synonym** | |
| **Accepted Date** | 27th April 2012 |
| **Applicant** | Irish Potato Marketing Ltd, Dublin, Ireland |
| **Agent** | |
| **Qualified Person** | John Fennell |

**Details of Comparative Trial**

| | |
|---|---|
| **Location** | Waikerie, SA |
| **Descriptor** | Potato (*Solanum tuberosum*) UPOV TG/23/6 |
| **Period** | January 2013 to August 2013 |
| **Conditions** | Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 2 January 2013. Pots placed on benches in a screened polythene clad greenhouse |
| **Trial Design** | RCBD with two replicates of 30 plants per variety |
| **Measurements** | Observations taken of foliage characteristics on 7 February 2013. Tubers harvested on 14 March 2013 and recorded on 10 April 2013. Lightsprout data recorded and photographed on 24 August 2013. |

**Origin and Breeding**

Controlled pollination: 'T958/5' x 'Rooster'. 'Cristina' was selected in the field in 2000 at the Teagasc Crop Research Centre, Ireland. It is derived from the hybridisation of parents and a phenotypic recurrent selection technique. It has been maintained in the present form for 12 generations indicating it is a stable genotype with uniform morphology. The seed parent differs from 'Cristina' in having oval tuber with deep red skin colour. The pollen parent differs from the new variety in having very tall plant with high frequency of flowers and yellow tuber flesh colour. No offtypes have been detected.

**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 |
|---|---|---|
| Lightsprout | habit of tip | closed |
| Tuber | shape | oval to long oval |
| Tuber | skin colour | red |

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

| Name | Comments |
|---|---|
| 'Desiree' | |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Ruby Lou' | Light sprout: size | medium | Small | |
| 'Ruby Lou' | Light sprout: shape | broad cylindrical | narrow cylindrical | |
| 'Ruby Lou' | Leaf:size | medium | small | |
| 'Ruby Lou' | Tuber: shape | long oval | oval-long oval | |

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

| Organ/Plant Part: Context | 'Cristina' | 'Desiree' |
|---|---|---|
| ☑ Lightsprout: size | medium | large |
| ☑ *Lightsprout: shape | broad cylindrical | narrow cylindrical |
| ☐ *Lightsprout: intensity of anthocyanin colouration | very strong | medium to strong |
| ☐ *Lightsprout: proportion of blue in anthocyanin colouration of base | absent or low | absent or low |
| ☑ *Lightsprout: pubescence of base | very weak to weak | medium |
| ☐ Lightsprout: size of tip in relation to base | medium | small |
| ☐ Lightsprout: habit of tip | closed | closed |
| ☐ Lightsprout: anthocyanin colouration of tip | strong | absent or very weak |
| ☐ Lightsprout: pubescence of tip | weak | weak |
| ☐ *Lightsprout: number of root tips | medium | medium to many |
| ☐ Lightsprout: length of lateral shoots | short | medium |
| ☐ Plant: foliage structure | stem type | intermediate type |
| ☐ *Plant: growth habit | semi-upright | semi-upright |
| ☐ *Stem: anthocyanin colouration | strong | medium to strong |
| ☐ Leaf: outline size | medium | small to medium |
| ☐ Leaf: openness | intermediate | intermediate to open |
| ☐ Leaf: presence of secondary leaflets | medium | medium |
| ☐ Leaf: green colour | medium to dark | medium |
| ☑ Leaf: anthocyanin colouration on midrib of upper side | very strong | medium |
| ☐ Second pair of lateral leaflets: size | small | medium |
| ☐ Second pair of lateral leaflets: width in relation to length | medium | medium |
| ☐ Terminal and lateral leaflets: frequency of coalescence | medium | medium |
| ☐ Leaflet: waviness of margin | weak | absent or very weak |
| ☑ Leaflet: depth of veins | shallow to medium | medium to deep |

| | | |
|---|---|---|
| ☐ Leaflet: glossiness of the upperside | medium | medium to glossy |
| ☐ Leaflet: pubescence of blade at apical rosette | absent | absent |
| ☐ Flower bud: anthocyanin colouration | weak | weak |
| ☑ Plant: height | short | medium |
| ☐ *Plant: frequency of flowers | low to medium | medium |
| ☐ Inflorescence: size | small to medium | medium |
| ☑ Inflorescence: anthocyanin colouration on peduncle | strong | medium |
| ☐ Flower corolla: size | small to medium | medium |
| ☑ *Flower corolla: intensity of anthocyanin colouration on inner side | strong | medium |
| ☐ *Flower corolla: proportion of blue in anthocyanin colouration on inner side | absent or low | absent or low |
| ☐ *Flower corolla: extent of anthocyanin colouration on inner side | medium to large | medium |
| ☐ *Plant: time of maturity | medium | medium |
| ☐ *Tuber: shape | long-oval | long-oval |
| ☐ Tuber: depth of eyes | shallow to medium | medium to deep |
| ☐ *Tuber: colour of skin | red | red |
| ☐ *Tuber: colour of base of eye | red | red |
| ☑ *Tuber: colour of flesh | cream | light yellow |

**Characteristics Additional to the Descriptor/TG**

| **Organ/Plant Part: Context** | **'Cristina'** | **'Desiree'** |
|---|---|---|
| ☐ Stem: thickness | thin | medium |
| ☐ Tuber: skin smoothness | smooth | smooth |
| ☑ Stem: wings | absent | medium |

**Prior Applications and Sales**

| **Country** | **Year** | **Current Status** | **Name Applied** |
|---|---|---|---|
| European Union | 2010 | Granted | 'Cristinna' |

First sold in UK in January 2011.

Description: **John Fennell,** Littlehampton, SA.

| **Details of Application** | |
|---|---|
| **Application Number** | 2010/113 |
| **Variety Name** | 'LC-52' |
| **Genus Species** | *Prunus cerasus x cerasus x maackii* |
| **Common Name** | Prunus - Interspecific Plum |
| **Synonym** | 'Krymsk 6' |
| **Accepted Date** | 20 Jul 2010 |
| **Applicant** | Gennady Eremin, Krymsk, Russia |
| **Agent** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd., Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | United States Patent and Trade Marks Office (USPTO) |
| **Overseas Data Reference Number** | PP16114 |
| **Location** | Neerim, VIC |
| **Descriptor** | UPOV Prunus Rootstock TG 187/1 |
| **Period** | January 2010 to December 2012 |
| **Conditions** | US patent specification data verified under Australian conditions. |
| **Trial Design** | |
| **Measurements** | As according UPOV test guideline |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Open Pollination: In 1964 the breeder crossed the female parent *Prunus cerasus* (not patented) with the male parent (*Prunus cerasus x P. maackii*) (not patented) producing an induced hybridization in a cultivated area of Krymsk, Russia. The resulting seedlings were planted at the Breeding Station and were observed for ten years. In 1974 the breeder selected 'LC-52' from these seedlings. The new cultivar originated as a single plant and is the result of a hybrid cross between the female parent *Prunus cerasus* and the male parent (*Prunus cerasus x P. maackii*). Breeder: Gennady Eremin.

**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 | upright |
| Interspecific Prunus hybrid | rootstock | for cherry |
| Plant | flowers | present |

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

| **Name** | **Comments** |
|---|---|
| 'Gisela 6' | |

| | |
|---|---|
| | |

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| *Prunus cerasus* | Fruit | size | medium | large | VCK in Part 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 | 'LC-52' | 'Gisela 6' |
|---|---|---|
| ☐ *Plant: vigour | medium | medium to strong |
| ☐ *Plant: habit | upright | upright |
| ☑ Plant: branching | strong | medium |
| ☐ One-year-old shoot: thickness | medium | thin to medium |
| ☐ One-year-old shoot: length of internode | medium to long | not recorded |
| ☐ One-year-old shoot: pubescence | absent | absent |
| ☐ One-year-old shoot: number of lenticels | medium | few to medium |
| ☐ One-year-old shoot: anthocyanin colouration of apex | absent or very weak | not recorded |
| ☐ *One-year-old shoot: branching | medium to strong | medium |
| ☐ Young shoot: intensity of anthocyanin colouration of young leaf | very weak | very weak |
| ☐ *Leaf blade: length | medium | short to medium |
| ☐ Leaf blade: width | medium | narrow to medium |
| ☐ Leaf blade: ratio length/width | medium to large | small to medium |
| ☐ *Leaf blade: shape | obovate | ovate |
| ☑ Leaf blade: angle of apex | obtuse | acute |
| ☐ *Leaf blade: length of tip | very short to short | very short |
| ☐ *Leaf blade: shape of base | truncate | obtuse |
| ☐ Leaf blade: colour of upper side | red | dark green |
| ☑ Leaf blade: glossiness of upper side | strong | very weak to weak |
| ☑ *Leaf blade: incisions of margin | only crenate | only serrate |
| ☐ Leaf blade: depth of incisions of margin | shallow | shallow |
| ☑ *Petiole: length | medium | short |
| ☐ Petiole: presence of pubescence of upper side | present | not recorded |
| ☐ Petiole: depth of groove | very shallow | not recorded |
| ☐ Leaf: ratio length of leaf blade/length of petiole | medium to large | medium to large |
| ☑ Leaf: presence of stipules | absent | present |
| ☑ *Leaf: presence of nectaries | absent | present |
| ☐ *Plant: flowers | present | present |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2002 | Granted | 'LC-52' |
| EU | 2009 | Applied | 'LC-52' |
| Denmark | 2009 | Applied | 'LC-52' |

Prior Sales: Nil

Description: **Dr Gavin Porter,** Kallangur, QLD**.**

| **Details of Application** | |
|---|---|
| **Application Number** | 2010/110 |
| **Variety Name** | 'VSL 2' |
| **Genus Species** | *Prunus fruticosa x lannesiana* |
| **Common Name** | Prunus - Interspecific Plum |
| **Synonym** | 'Krymsk 5' |
| **Accepted Date** | 27 Jul 2010 |
| **Applicant** | Gennady Eremin, Krymsk, Russia |
| **Agent** | Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd., Kallangur, QLD |
| **Qualified Person** | Dr Gavin Porter |

| **Details of Comparative Trial** | |
|---|---|
| **Overseas Testing Authority** | United States Patent and Trade Marks Office (USPTO) |
| **Overseas Data Reference Number** | PP15723 |
| **Location** | Neerim, VIC |
| **Descriptor** | UPOV Prunus Rootstock TG 187/1 |
| **Period** | January 2010 to December 2012 |
| **Conditions** | US patent specification data verified under Australian conditions. |
| **Measurements** | As according UPOV test guideline |

**Origin and Breeding**

Open Pollination: In 1976 the breeder crossed the female parent *Prunus fruticosa* (not patented) with the male parent *Prunus lannesiana* (not patented) producing an induced hybridization in a cultivated area of Krymsk, Russia. The resulting seedlings were observed for ten years. In 1986 the breeder selected 'VSL-2' from these seedlings. The new cultivar originated as a single plant and is the result of a hybrid cross between the female parent *Prunus fruticosa* and male parent *Prunus lannesiana*. Breeder: Gennady Eremin.

**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** |
|---|---|---|
| Interspecific Prunus hybrid | rootstock | for cherry |
| Plant | vigour | medium to strong |
| Plant | flowers | present |
| Leaf blade | length | short to medium |

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

| **Name** | **Comments** |
|---|---|
| 'Gisela 12' | PP 9631 |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| *Prunus fruticosa* | Flower | colour | pink | white | VCK in Part 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 | 'VSL 2' | 'Gisela 12' |
|---|---|---|
| ☐ *Plant: vigour | medium to strong | medium to strong |
| ☑ *Plant: habit | upright | spreading |
| ☐ Plant: branching | medium | medium to strong |
| ☐ One-year-old shoot: thickness | medium | thin to medium |
| ☐ One-year-old shoot: length of internode | medium | |
| ☑ One-year-old shoot: pubescence | absent | present |
| ☑ One-year-old shoot: number of lenticels | medium | very few to few |
| ☐ One-year-old shoot: anthocyanin colouration of apex | absent or very weak | not recorded |
| ☐ *One-year-old shoot: branching | medium | medium |
| ☐ Young shoot: intensity of anthocyanin colouration of young leaf | very weak | very weak |
| ☐ *Leaf blade: length | medium | short to medium |
| ☐ Leaf blade: width | medium | narrow to medium |
| ☐ Leaf blade: ratio length/width | medium | small to medium |
| ☑ *Leaf blade: shape | elliptic | ovate |
| ☐ Leaf blade: angle of apex | acute | acute |
| ☐ *Leaf blade: length of tip | short | short |
| ☐ *Leaf blade: shape of base | obtuse | obtuse |
| ☐ Leaf blade: colour of upper side | dark green | light green |
| ☑ Leaf blade: glossiness of upper side | strong | very weak to weak |
| ☑ *Leaf blade: incisions of margin | only crenate | only serrate |
| ☐ Leaf blade: depth of incisions of margin | shallow | shallow |
| ☑ *Petiole: length | medium | very short |
| ☐ Petiole: presence of pubescence of upper side | absent | not recorded |
| ☐ Petiole: depth of groove | very shallow | not recorded |
| ☐ Leaf: ratio length of leaf blade/length of petiole | medium to large | medium to large |
| ☑ Leaf: presence of stipules | absent | present |
| ☑ *Leaf: presence of nectaries | absent | present |
| ☐ *Plant: flowers | present | present |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| Russia | 1994 | Granted | 'VSL 2' |
| USA | 2002 | Granted | 'VSL 2' |
| EU | 2009 | Applied | 'VSL 2' |

Prior Sale: Nil

Description: **Dr Gavin Porter,** Kallangur, QLD**.**

**Details of Application**

| | |
|---|---|
| **Application Number** | 2009/341 |
| **Variety Name** | 'Flavor Rouge' |
| **Genus Species** | *Prunus* hybrid |
| **Common Name** | Interspecific Plum |
| **Synonym** | |
| **Accepted Date** | 22 January 2010 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, CA, USA |
| **Agent** | Graham's Factree Pty Ltd, Hoddles Creek, USA |
| **Qualified Person** | Graham Fleming |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | The United States Patent and Trademarks Office |
| **Overseas Data Reference Number** | USPP16,491 |
| **Descriptor** | Japanese Plum (*Prunus salicina*) TG/84/3 |
| **Period** | |
| **Conditions** | Where possible the overseas information has been verified under local growing conditions. The US Plant Patent data was converted into standard characters in the UPOV technical Guideline for Plums |

**Origin and Breeding**

Open pollination: '293LF464'. The new and distinct interspecific tree originated as a fan open pollinated seedling. A large number of open pollinated seedlings were planted and observed growing on their own roots. In 1996 the present variety was selected for asexual propagation and commercialisation based on its desirable fruiting characteristics. It differs from its seed parent by maturing 60 days earlier producing firm fruits. Breeder: Zaiger's Inc Genetics

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Tree | vigour | strong |
| Tree | habit | upright |
| Tree | time of flowering | early |
| Fruit | maturity | early |
| Fruit | skin overcolour | dark red |

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

| Name | Comments |
|---|---|
| 'Queen Rosa' | 'Queen Rosa is a later maturing plum with large fruits |
| 'Red Beaut' | 'Red Beaut' is an earlier maturing plum with yellow flesh |
| 'Amigo 1' | 'Amigo 1' is a medium sized interspecific plum with yellow flesh and dark red skin |

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

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Queen Rosa' | Fruit: maturity | 10 days earlier | 10 day later | |
| 'Queen Rosa' | Fruit: size | medium | large | |
| 'Red Beaut' | maturity | 10 days later | 10 days earlier | |
| 'Red Beaut' | flesh bleeding | bleeding under the skin | absent | |

| Organ/Plant Part: Context | 'Flavor Rouge' | 'Amigo 1' |
|---|---|---|
| ☐ Tree: vigour | strong | strong |
| ☐ *Tree: habit | upright | upright |
| ☐ *Leaf blade: length | medium to long | medium to long |
| ☐ *Leaf blade: shape | elliptic | elliptic |
| ☐ *Leaf blade: incisions of margin | bi-serrate | serrate |
| ☐ Leaf: position of nectaries | equally on base of leaf blade and on petiole | equally on base of leaf blade and on petiole |
| ☐ *Pedicel: length | long | medium |
| ☑ *Petal: shape | obovate | circular |
| ☐ *Stigma: position in relation to anthers | same level | same level |
| ☑ Fruit: length of stalk | long | short to medium |
| ☐ *Fruit: size | small to medium | medium |
| ☑ *Fruit: shape of base | truncate | depressed |
| ☐ *Fruit: depth of suture | absent or very shallow | absent or very shallow |
| ☑ *Fruit: bloom of skin | strong | weak |
| ☐ *Fruit: ground colour of skin | yellow | yellow |
| ☐ *Fruit: over colour of skin | dark red | dark red |
| ☐ *Fruit: pattern of over colour | flecks only | - |
| ☐ *Fruit: colour of flesh | yellow | yellow |
| ☐ Fruit: firmness | firm | firm |
| ☐ Fruit: juiciness | medium | medium |
| ☐ Fruit: acidity | medium | - |
| ☐ Fruit: sweetness | medium | - |
| ☐ *Fruit: adherence of stone to flesh | adherent | adherent |
| ☐ *Stone: size | small | small to medium |

| | | |
|---|---|---|
| ☐ *Time of: beginning of flowering | medium | medium |
| ☐ *Time of: beginning of fruit ripening | early | early |

Characteristics Additional to the Descriptor/TG

| **Organ/Plant Part: Context** | ‘Flavor Rouge’ | ‘Amigo 1’ |
|---|---|---|
| ☐ Tree: Chill units(Hrs) | 500 | 450 |
| ☑ Bleeding: presence | strong under skin | slight under skin |
| ☑ Fruit: brix($^0$Bx) | 19.2 | 15.8 |

**Prior Applications and Sales**

| **Country** | **Year** | **Current Status** | **Name Applied** |
|---|---|---|---|
| USA | 2004 | Granted | ‘Flavor Rouge’ |

First sold in USA in May 2006.

Description: **Rebecca Fleming,** Hoddles Creek, VIC.

## Details of Application

| | |
|---|---|
| **Application Number** | 2011/082 |
| **Variety Name** | 'Blue Waves' |
| **Genus Species** | *Boronia heterophylla* |
| **Common Name** | Red Boronia |
| **Synonym** | Nil |
| **Accepted Date** | 27 Jul 2011 |
| **Applicant** | Richard G. Ware, Greenmeadows, NZ |
| **Agent** | Touch of Class Plants Pty Ltd, Tynong, Vic. |
| **Qualified Person** | Mark Lunghusen |

## Details of Comparative Trial

| | |
|---|---|
| **Location** | Tynong, Vic |
| **Descriptor** | Correa (*Correa sp*) PBR CORR |
| **Period** | Autumn to Spring 2012 |
| **Conditions** | Plants were grown in 20cm pots in a covered polyhouse with no walls in commercial pine bark based potting mix with controlled release fertiliser. Plants were grown on benches with overhead watering. |
| **Trial Design** | 10 plants in block design |
| **Measurements** | Taken from middle third of stem |
| **RHS Chart - edition** | Fifth edition |

## Origin and Breeding

Spontaneous mutation: A plant of the pink flowered Boronia heterophylla produced a branch with blue flowers. Cuttings were taken from this branch and grown on to flowering stage. The most stable of these was selected and propagated from. This was repeated until a stable clone was identified. Breeder: Richard Ware, Napier, New Zealand.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Flower | colour | red-purple |
| Plant | growth habit | upright |

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

| Name | Comments |
|---|---|
| 'Purple Jared' | |

## Varieties of Common Knowledge identified and subsequently excluded

| Variety | Distinguishing Characteristics | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|
| 'Purple Rain' | | | | No longer available |

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

| Organ/Plant Part: Context | 'Blue Waves' | 'Purple Jared' |
|---|---|---|
| ☐ Plant: growth habit | upright | upright |
| ☐ Plant: attitude of branches | erect | erect |
| ☐ Plant: height | medium (1-2m) | medium (1-2m) |
| ☑ Stem: colour (RHS colour chart) | yellow green 144A | green 138A |
| ☑ Leaf: length | very long (>20mm) | medium (10-15mm) |
| ☐ Leaf: width | very narrow (<5mm) | very narrow (<5mm) |
| ☐ Leaf: margin | entire | entire |
| ☑ Leaf: shape | Imparipinnate | trifoliate |
| ☐ Leaf: apex | broadly acute | acute |
| ☐ Leaf: base | cuneate | cuneate |
| ☐ Leaf: arrangement | opposite | opposite |
| ☐ Leaf: hairiness of upper side | absent or very weak | absent or very weak |
| ☑ Leaf: colour of upper side | green N137A | green 136B |
| ☐ Leaf: colour on lower side | green 135C | green 135A |
| ☐ Petiole: length | medium | |
| ☐ Petiole: hairiness | absent or very weak | |
| ☐ Sepal: colour of outer side (RHS colour chart) | green 141C | green 141C |
| ☐ Sepal: hairiness of outer side | absent or very weak | absent or very weak |
| ☐ Sepal: colour of inner side (RHS colour chart) | green 142C | green 141C |
| ☐ Sepal: hairiness of inner side | absent or very weak | absent or very weak |
| ☑ Flower buds: width | medium to broad | narrow to medium |
| ☑ Flower bud: length | medium to long | short to medium |
| ☐ Flower bud: hairiness | absent or very weak | absent or very weak |
| ☐ Inflorescence: arrangement of flowers | axillary | axillary |
| ☐ Inflorescence: flower shape | simple cyme | simple cyme |
| ☐ Inflorescence: flower attitude | pendulous | pendulous |
| ☐ Pedicel: length (mm) | medium to long | medium |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Blue Waves' | 'Purple Jared' |
|---|---|---|
| ☑ Petiole: presence | present | absent |

| | | |
|---|---|---|
| ☑ Petal: colour (RHS) | red-purple N74A | red-purple 59A |
| ☑ Petal: shape | broadly elliptic | broadly ovate |
| ☑ Petal: reflexing of tips | absent to weak | medium |
| ☑ Stem: presence of anthocyanin | absent | present |
| ☑ Flowers: openness | weak | strong |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| New Zealand | 2008 | Granted | 'Blue Waves' |

First sold in New Zealand on Nov 2007.

Description: **Mark Lunghusen,** Australian Horticultural Services Pty Ltd, Lilydale, Vic 3140.

| **Details of Application** | |
|---|---|
| **Application Number** | 2012/018 |
| **Variety Name** | 'SAL 010-1' |
| **Genus Species** | *Salvia* hybrid |
| **Common Name** | Sage |
| **Synonym** | Ember's Wish |
| **Accepted Date** | 24 Feb 2012 |
| **Applicant** | Plant Growers Australia Pty Ltd, Wonga Park, VIC |
| **Agent** | Plants Management Australia Pty Ltd, Dodge Ferry, TAS |
| **Qualified Person** | Steve Eggleton |

| **Details of Comparative Trial** | |
|---|---|
| **Location** | Wonga Park, VIC |
| **Descriptor** | PBR Salvia |
| **Period** | December 2012 to Mar 2013 |
| **Conditions** | Trial conducted in the open, plants propagated and grown in 40mm plugs during December 2012 to March 2013. On March the 19th 2013 the plugs were potted and grown on in 140mm containers. Containers filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required |
| **Trial Design** | Twelve pots of each variety in a completely randomised design |
| **Measurements** | From ten plants randomly selected. |
| **RHS Chart - edition** | Fifth |

**Origin and Breeding**

Spontaneous Mutation: September 2010 a production batch of Salvia 'Wendy's Wish' was propagated. In October 2010, as this batch grew in 50mm containers, it was observed that one whole plant exhibited different calyx colouration. This plant was then selected for on the basis of its corolla colour and calyx colour and potted into a 140mm container in January 2011. Cuttings were taken from this plant and a further generation grown to flowering in Spring 2011. Final selection criteria plant growth habit bushy to spreading, length of flowering season long, corolla colour red and calyx colour greyed orange. All subsequent generations have remained uniform and stable. Propagation: will continue to be via cuttings.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | growth habit | bushy to spreading |
| Leaf | shape | ovate |
| Leaf | shape of apex | acute |
| Leaf | shape of base | cuneate |
| Leaf | incision of margin | present |
| Leaf | depth of incision of margin | medium |
| Leaf | glossiness of upper side | weak |

| | | |
|---|---|---|
| | | |

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

| Name | Comments |
|---|---|
| 'Wendy's Wish' | Parental variety |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| *S buchananii* | leaf | glossiness of upper side | weak | strong | VCK in Part 1 |
| | leaf | shape | ovate | elliptic | |

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

| Organ/Plant Part: Context | 'SAL 010-1' | 'Wendy's Wish' |
|---|---|---|
| ☐ *Plant: growth habit | bushy to spreading | bushy to spreading |
| ☐ *Plant: density | sparse to medium | sparse to medium |
| ☐ Stem: anthocyanin colouration | very weak to weak | weak |
| ☐ Leaf: shape | ovate | ovate |
| ☐ Leaf: shape of apex | acute | acute |
| ☐ Leaf: shape of base | cuneate | cuneate |
| ☐ Leaf: incision of margin | present | present |
| ☐ Leaf: depth of incision | medium | medium |
| ☐ Leaf: type of incision | toothed | toothed |
| ☐ Leaf: undulation of the margin | absent to very weak | absent to very weak |
| ☐ Leaf: prominance of venation | medium | medium |
| ☐ Leaf: glossiness of upper side | weak | weak |
| ☐ Leaf: presence of variegation | absent | absent |
| ☐ Leaf: predominant colour of upper side (RHS colour chart) | 147A | 147A |
| ☐ Inflorescence: number of flowers per node | 1, 2 or more | 1, 2 or more |
| ☑ Calyx: anthocyanin colouration | medium | strong to very strong |
| ☑ Corolla: predominant colour of lower lip (RHS colour chart) | 41A | 64B |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'SAL 010-1' | 'Wendy's Wish' |
|---|---|---|
| ☐ Peduncle: length | long | long |

| | | |
|---|---|---|
| ☑ Peduncle: colour at flowering point (RHS colour chart) | 174A | 187B |
| ☑ Caylx: colour before corolla emergence (RHS colour chart) | 173A | 187B + C |
| ☑ Caylx: colour after corolla senescence (RHS colour chart) | 173A and 144A | 187C and 160B |
| ☑ Bract: colour (RHS colour chart) | 173A and 161D | 186B+C+D |
| ☐ Corolla: size | large | |
| ☐ Corolla: degree of hairiness | medium | medium |
| ☑ Corolla: predominate colour of tube (RHS colour chart) | 50A | 64B |

## Prior Applications and Sales

Nil

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

| **Details of Application** | |
|---|---|
| **Application Number** | 2012/096 |
| **Variety Name** | 'Bidgee' |
| **Genus Species** | *Glycine max* |
| **Common Name** | Soybean |
| **Synonym** | Nil |
| **Accepted Date** | 17 Jul 2012 |
| **Applicant** | Commonwealth Scientific and Industrial Research Organisation Canberra, ACT and NSW Department of Primary Industries, Orange, NSW and Grains Research and Development Corporation, Barton, ACT |
| **Agent** | N/A |
| **Qualified Person** | Andrew James |
| | |
| **Details of Comparative Trial** | |
| **Location** | Gatton, Queensland |
| **Descriptor** | UPOV TG/80/6 |
| **Period** | January to May 2013 |
| **Conditions** | Main trial: Soil in the W block of the CSIRO Cooper Research station at Gatton was formed into 1.5m wide beds and fertilised with sufficient Phosphorus and Potassium fertiliser to ensure excellent growth. The field had previously been used for soybean cropping, so no additional Rhizobial inoculant was applied. Seed was sown into plots 80 cm in length, spaced at 75 cm apart along the beds and irrigated with sufficient water to achieve uniform establishment. The trial was maintained substantially free from weeds and insect pests. A second trial was conducted in the CSIRO controlled environment facility, again using a randomised complete block design, but grown in individual pots under 14 hour day length 10 hour night length and day temperature of 30$^{o}$C and night temperature of 20$^{o}$C. |
| **Trial Design** | Randomised complete block design. |
| **Measurements** | Days from planting to appearance of the first flower on 50% of the plants in a plot was recorded. At flowering, the length and width of the central trifoliate leaflet of five leaves per plot was also recorded. The length/width ratio was calculated for each leaflet. At maturity, the number of main stem nodes, the total number of nodes, the length of the main stem was recorded on five plants from each plot. The weight of 100 seeds was recorded subsequent to threshing of each plot. |
| **RHS Chart - edition** | N/A |
| **Origin and Breeding** | |
| Controlled pollination: 01/04/2003, cross performed K159F$_1$/Snowy, 13/06/03 pod harvested and in July '03 two putative hybrid seed planted. The hybrid was made in the CSIRO level 8 glasshouse and the seed subsequently shown to be a hybrid on the basis of the presence of purple pigmentation in the hypocotyl of the seedling which could only have been inherited from the paternal parent. The $F_1$ plant was harvested in October 2003, the $F_2$ generation grown out as a bulk $F_2$ population in the field at Gatton in January 2004. The $F_3$ generation was grown in the CSIRO Long Pocket glasshouse at Indooroopilly in Brisbane, and the $F_4$ generation in the field at Gatton in 2005. Lines with early maturity and yellow hilum were advanced to planting in hill | |

plots at the NSW DPI station at Yanco in December 2005. L023B-23 was grown in strain and variety trials at Yanco and Coleambally from 2006 till 2013 for seven years of variety trialling. L023B-23 was selected for early maturity, strong lodging resistance, high yield and high protein content. Breeder: Dr. Andrew James, CSIRO, St. Lucia, QLD.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Maturity | time to maturity | early to medium |
| Leaf | shape | lanceolate |
| Hilum | colour | yellow |

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

| Name | Comments |
|---|---|
| 'Snowy' | 'Snowy' is the only variety of common knowledge in the region that has lanceolate leaves, early to medium maturity and yellow hilum. |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Hooper' | seed | hilum colour | yellow | buff | |
| 'Djakal' | seed | hilum colour | yellow | buff | 'Djakal' is similar except for hilum colour. |

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

| Organ/Plant Part: Context | 'Bidgee' | 'Snowy' |
|---|---|---|
| ☐ *Hypocotyl: anthocyanin colouration | absent | absent |
| ☐ *Plant: growth type | indeterminate | indeterminate |
| ☐ Plant: growth habit | erect | erect |
| ☐ *Plant: colour of hairs of main stem | grey | grey |
| ☐ *Plant: height | medium | medium |
| ☐ Leaf: blistering | absent or very weak | absent or very weak |
| ☐ *Leaf: shape of lateral leaflet | lanceolate | lanceolate |
| ☐ Leaf: size of lateral leaflet | medium | medium |
| ☐ Leaf: intensity of green colour | medium | medium |
| ☐ *Flower: colour | white | white |
| ☐ Pod: intensity of brown colour | light | light |
| ☐ Seed: size | small to medium | medium |

| | | |
|---|---|---|
| Seed: shape | spherical flattened | spherical flattened |
| *Seed: ground colour of testa | yellow | yellow |
| *Seed: hilum colour | yellow | yellow |
| Seed: colour of hilum funicle | same as testa | same as testa |
| *Plant: time of beginning of flowering | early | early to medium |
| *Plant: time of maturity | early | early to medium |

**Statistical Table**

| **Organ/Plant Part: Context** | **'Bidgee'** | **'Snowy'** |
|---|---|---|
| Flowering: days from sowing to flowering in the field (50% plants in plot with open flower) | | |
| Mean | 29.00 | 32.70 |
| Std. Deviation | 1.00 | 0.58 |
| LSD/sig | 2.2 | P≤0.01 |
| ☑ Flowering: days from sowing to flowering in the controlled environment facility (50% plants in plot with open flower) | | |
| Mean | 40.30 | 45.30 |
| Std. Deviation | 0.58 | 0.58 |
| LSD/sig | 2.8 | P≤0.01 |
| Leaf: width - at flowering (mm) | | |
| Mean | 43.60 | 43.70 |
| Std. Deviation | 3.18 | 3.08 |
| LSD/sig | 6.29 | ns |
| Leaf: length - at flowering (mm) | | |
| Mean | 106.50 | 122.50 |
| Std. Deviation | 9.17 | 5.89 |
| LSD/sig | 15.5 | P≤0.01 |
| ☑ Leaf: length/width ratio | | |
| Mean | 2.44 | 2.81 |
| Std. Deviation | 0.16 | 0.13 |
| LSD/sig | 0.30 | P≤0.01 |
| Height: length of main stem (cm) | | |
| Mean | 39.30 | 43.60 |
| Std. Deviation | 4.51 | 2.35 |
| LSD/sig | 6.7 | P≤0.01 |
| Stem: number of nodes on the main stem | | |
| Mean | 9.80 | 9.93 |
| Std. Deviation | 1.61 | 1.17 |
| LSD/sig | 2.71 | ns |
| Plant: total number of nodes | | |
| Mean | 12.65 | 12.20 |
| Std. Deviation | 3.43 | 1.37 |
| LSD/sig | 4.70 | ns |
| Seed: weight of 100 seeds (g) | | |
| Mean | 18.10 | 21.10 |

| | | |
|---|---|---|
| Std. Deviation | 0.80 | 0.49 |
| LSD/sig | 0.97 | P≤0.01 |

## Prior Applications and Sales

Nil.

Description: **Andrew James**, CSIRO, St. Lucia, QLD.

| **Details of Application** | |
|---|---|
| **Application Number** | 2013/052 |
| **Variety Name** | 'Hayman' |
| **Genus Species** | *Glycine max* |
| **Common Name** | Soybean |
| **Synonym** | Nil |
| **Accepted Date** | 14 Mar 2013 |
| **Applicant** | Commonwealth Scientific and Industrial Research Organisation Canberra, ACT and NSW Department of Primary Industries, Orange, NSW and Grains Research and Development Corporation, Barton, ACT |
| **Agent** | N/A |
| **Qualified Person** | Andrew James |
| | |
| **Details of Comparative Trial** | |
| **Location** | Gatton, Queensland |
| **Descriptor** | UPOV TG/80/6 |
| **Period** | January to May 2013 |
| **Conditions** | Soil in the W block of the CSIRO Cooper Research station at Gatton was formed into 1.5m wide beds and fertilised with sufficient Phosphorus and Potassium fertiliser to ensure excellent growth. The field had previously been used for soybean cropping, so no additional Rhizobial inoculant was applied. Seed was sown into plots 80 cm in length, spaced at 75 cm apart along the beds and irrigated with sufficient water to achieve uniform establishment. The trial was maintained substantially free from weeds and insect pests. |
| **Trial Design** | Randomised complete block design |
| **Measurements** | Days from planting to appearance of the first flower on 50% of the plants in a plot was recorded. At flowering, the length and width of the central trifoliolate leaflet of five leaves per plot was also recorded. The length/width ratio was calculated for each leaflet. At maturity, the number of main stem nodes, the total number of nodes, the length of the main stem was recorded on five plants from each plot. The weight of 100 seeds was recorded subsequent to threshing of each plot. |
| **RHS Chart - edition** | N/A |
| | |
| **Origin and Breeding** | |
| Controlled pollination: The cross performed F134F1/Poseidon, 11/04/2002 hybrid pod harvested, July '02 three hybrid seed planted. The $F_1$ to $F_2$ generations were conducted at Brisbane, Indooroopilly and Gatton, Qld. $F_3$ generation grown in glasshouse at ACRI Narrabri June-Oct 2003. Single $F_4$ plants were selected for presence of yellow hilum and late maturity at Narrabri and and advanced to hill evaluation. Strain and variety were conducted at Grafton in northern NSW. NK55C- | |

32 was selected each year from 2005 to 2011 based on late maturity, clear hilum, lodging resistance, high grain yield, apparent absence of pod shattering, high protein content in grain and high tolerance to pre-harvest weathering. Breeder: Dr. Andrew James, CSIRO, St. Lucia, QLD.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Stem | termination | indeterminate |
| Seed | hilum colour | yellow |
| Plant | time of maturity | medium to very late |

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

| Name | Comments |
|---|---|
| 'Moonbi' | 'Moonbi' is the only variety of common knowledge with broadly comparable maturity that has both indeterminate stem termination and yellow hilum in common with Hayman. |
| | |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety |
|---|---|---|---|---|
| 'Ascot' | Stem | termination | indeterminate | determinate |
| 'Bunya' | Stem | termination | indeterminate | determinate |
| 'Cowrie' | Stem | termination | indeterminate | determinate |
| 'Fernside' | Stem | termination | indeterminate | determinate |
| 'Ivory' | Stem | termination | indeterminate | determinate |
| 'Richmond' | Stem | termination | indeterminate | determinate |
| 'Surf' | Stem | termination | indeterminate | determinate |
| 'Talgai | Stem | termination | indeterminate | determinate |
| 'Warrigal' | Stem | termination | indeterminate | determinate |

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

| Organ/Plant Part: Context | 'Hayman' | 'Moonbi' |
|---|---|---|
| ☐ *Hypocotyl: anthocyanin colouration | absent | absent |
| ☐ *Plant: growth type | indeterminate | indeterminate |
| ☐ Plant: growth habit | erect | erect |
| ☐ *Plant: colour of hairs of main stem | grey | grey |
| ☑ *Plant: height | tall to very tall | medium |
| ☑ Leaf: blistering | medium | very weak to weak |
| ☑ *Leaf: shape of lateral leaflet | rounded ovate | pointed ovate |
| ☑ Leaf: size of lateral leaflet | large to very large | medium |

| | | |
|---|---|---|
| ☐ Leaf: intensity of green colour | medium to dark | medium |
| ☐ *Flower: colour | white | white |
| ☐ Pod: intensity of brown colour | light | light |
| ☑ Seed: size | large | medium |
| ☐ Seed: shape | spherical flattened | spherical flattened |
| ☐ *Seed: ground colour of testa | yellow | yellow |
| ☐ *Seed: hilum colour | yellow | yellow |
| ☐ Seed: colour of hilum funicle | same as testa | same as testa |
| ☐ *Plant: time of beginning of flowering | very late | medium to late |
| ☐ *Plant: time of maturity | very late | medium to late |

**Statistical Table**

| **Organ/Plant Part: Context** | **'Hayman'** | **'Moonbi'** |
|---|---|---|
| ☑ Flowering: days from sowing to flowering (50% plants in plot with open flower) | | |
| Mean | 55.00 | 46.30 |
| Std. Deviation | 1.00 | 1.52 |
| LSD/sig | 6.21 | P≤0.01 |
| ☑ Leaf: width - at flowering (mm) | | |
| Mean | 90.30 | 70.00 |
| Std. Deviation | 6.27 | 8.57 |
| LSD/sig | 15.3 | P≤0.01 |
| ☑ Leaf: length - at flowering (mm) | | |
| Mean | 136.10 | 96.70 |
| Std. Deviation | 12.23 | 10.84 |
| LSD/sig | 23.7 | P≤0.01 |
| ☐ Leaf: length/width ratio | | |
| Mean | 1.51 | 1.38 |
| Std. Deviation | 0.08 | 0.08 |
| LSD/sig | 0.16 | ns |
| ☑ Height: length of main stem (cm) | | |
| Mean | 78.40 | 60.00 |
| Std. Deviation | 4.74 | 3.66 |
| LSD/sig | 7.4 | P≤0.01 |
| ☑ Stem: number of nodes on the main stem | | |
| Mean | 15.40 | 13.30 |
| Std. Deviation | 0.74 | 1.03 |
| LSD/sig | 1.78 | P≤0.01 |
| ☑ Plant: total number of nodes | | |
| Mean | 26.87 | 25.80 |
| Std. Deviation | 3.11 | 5.78 |
| LSD/sig | 8.05 | ns |
| ☐ Seed: weight of 100 seeds (g) | | |
| Mean | 20.76 | 17.30 |
| Std. Deviation | 0.64 | 0.10 |
| LSD/sig | 1.48 | P≤0.01 |

## Prior Applications and Sales

Nil.

Description: **Andrew James and Natalie Moore,** CSIRO, St. Lucia, QLD.

| **Details of Application** | |
|---|---|
| **Application Number** | 2013/053 |
| **Variety Name** | 'Richmond' |
| **Genus Species** | *Glycine max* |
| **Common Name** | Soybean |
| **Synonym** | Nil |
| **Accepted Date** | 14-Mar-2013 |
| **Applicant** | Commonwealth Scientific and Industrial Research Organisation Canberra, ACT and NSW Department of Primary Industries, Orange, NSW and Grains Research and Development Corporation, Barton, ACT |
| **Agent** | N/A |
| **Qualified Person** | Andrew James |
| | |
| **Details of Comparative Trial** | |
| **Location** | Gatton, Queensland |
| **Descriptor** | UPOV TG/80/6 |
| **Period** | January to May 2013 |
| **Conditions** | Soil in the W block of the CSIRO Cooper Research station at Gatton was formed into 1.5m wide beds and fertilised with sufficient Phosphorus and Potassium fertiliser to ensure excellent growth. The field had previously been used for soybean cropping, so no additional Rhizobial inoculant was applied. Seed was sown into plots 80 cm in length, spaced at 75 cm apart along the beds and irrigated with sufficient water to achieve uniform establishment. The trial was maintained substantially free from weeds and insect pests. |
| **Trial Design** | Randomised complete block design. |
| **Measurements** | Days from planting to appearance of the first flower on 50% of the plants in a plot was recorded. At flowering, the length and width of the central trifoliolate leaflet of five leaves per plot was also recorded. The length/width ratio was calculated for each leaflet. At maturity, the number of main stem nodes, the total number of nodes, the length of the main stem was recorded on five plants from each plot. The weight of 100 seeds was recorded subsequent to threshing of each plot. |
| **RHS Chart - edition** | N/A |
| | |
| **Origin and Breeding** | |
| Controlled pollination: Cross performed CTYB143-35/Cowrie, 05/11/2001 hybrid pod harvested, Jan '02 one hybrid seed planted. The F1 generation was conducted at Brisbane. F2 to F5 generations at Narrabri. Single F4 plants were selected for presence of yellow hilum and medium-late maturity at Narrabri and and advanced to hill evaluation. Strain and variety were conducted at Grafton in northern NSW. NF246-64 was selected each year from 2005 to 2012 based on medium maturity, clear hilum, lodging resistance, high grain yield, apparent absence of pod shattering, high protein content in grain and high tolerance to pre-harvest weathering. Breeder: Dr. Andrew James, CSIRO, St. Lucia, QLD. | |

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Hypocotyl | anthocyanin colouration | absent |
| Plant | colour of hairs on the main stem | grey |
| Flower | colour | white |
| Pod | intensity of brown colour | light |
| Seed | hilum colour | yellow |
| Seed size | relative size | large |
| | | |

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

| Name | Comments |
|---|---|
| 'Ascot' | Similar, except that 'Ascot' sometimes has buff coloured hilum. |
| 'Cowrie' | Very similar to 'Richmond', except for difference in maturity. |
| 'Bunya' | |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Fernside' | Seed size | relative size | large | substantially smaller | |
| 'Ivory' | Seed size | relative size | large | substantially smaller | |
| 'Surf' | Flower | colour | white | purple | |
| 'Talgai' | Seed size | relative size | large | substantially smaller | |
| 'Warrigal' | Seed size | relative size | large | substantially smaller | |

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

| Organ/Plant Part: Context | 'Richmond' | 'Ascot' | 'Bunya' | 'Cowrie' |
|---|---|---|---|---|
| ☐ *Hypocotyl: anthocyanin colouration | absent | absent | absent | absent |
| ☐ *Plant: growth type | determinate | determinate | determinate | determinate |
| ☐ Plant: growth habit | erect | erect | erect | erect |
| ☐ *Plant: colour of hairs of main stem | grey | grey | grey | grey |
| ☐ *Plant: height | medium to tall | medium to | medium to tall | medium |

| | | | | |
|---|---|---|---|---|
| | | tall | | |
| ☐ Leaf: blistering | medium | medium | medium | medium |
| ☐ *Leaf: shape of lateral leaflet | pointed ovate | pointed ovate | rounded ovate | pointed ovate |
| ☐ Leaf: size of lateral leaflet | large | medium to large | large to very large | medium |
| ☑ Leaf: intensity of green colour | dark to very dark | medium | medium | medium |
| ☐ *Flower: colour | white | white | white | white |
| ☐ Pod: intensity of brown colour | light | light | light | light |
| ☐ Seed: size | large | large | large | large |
| ☐ Seed: shape | spherical flattened | spherical flattened | spherical flattened | spherical flattened |
| ☐ *Seed: ground colour of testa | yellow | yellow | yellow | yellow |
| ☐ *Seed: hilum colour | yellow | yellow | yellow | yellow |
| ☐ Seed: colour of hilum funicle | same as testa | same as testa | same as testa | same as testa |
| ☐ *Plant: time of beginning of flowering | late | late | late | medium |
| ☐ *Plant: time of maturity | late | late | late | medium |

| **Statistical Table** | | | | |
|---|---|---|---|---|
| **Organ/Plant Part: Context** | **'Richmond'** | **'Ascot'** | **'Bunya'** | **'Cowrie'** |
| ☑ Flowering: days from sowing to flowering (50% plants in plot with open flower) | | | | |
| Mean | 46.00 | 45.10 | 46.30 | 40.70 |
| Std. Deviation | 1.73 | 1.00 | 0.58 | 1.53 |
| LSD/sig | 3.2 | ns | ns | P≤0.01 |
| ☑ Leaf: width - at flowering (mm) | | | | |
| Mean | 75.70 | 74.10 | 84.90 | 75.30 |
| Std. Deviation | 5.96 | 5.96 | 7.17 | 4.28 |
| LSD/sig | 7.6 | ns | P≤0.01 | ns |
| ☐ Leaf: length - at flowering (mm) | | | | |
| Mean | 128.10 | 120.30 | 128.90 | 118.70 |
| Std. Deviation | 9.76 | 9.60 | 10.94 | 8.76 |
| LSD/sig | 13.1 | ns | ns | ns |
| ☑ Leaf: length/width ratio | | | | |
| Mean | 1.70 | 1.63 | 1.52 | 1.57 |
| Std. Deviation | 0.11 | 0.10 | 0.08 | 0.09 |
| LSD/sig | 0.13 | ns | P≤0.01 | ns |
| ☑ Height: length of main stem (cm) | | | | |
| Mean | 54.40 | 61.00 | 63.10 | 56.70 |

| | | | | |
|---|---|---|---|---|
| Std. Deviation | 5.65 | 1.36 | 4.61 | 4.35 |
| LSD/sig | 4.7 | P≤0.01 | P≤0.01 | ns |
| ☑ Stem: number of nodes on the main stem | | | | |
| Mean | 13.53 | 12.93 | 13.40 | 11.53 |
| Std. Deviation | 0.74 | 0.59 | 0.51 | 0.83 |
| LSD/sig | 0.90 | ns | ns | P≤0.01 |
| ☑ Plant: total number of nodes | | | | |
| Mean | 25.60 | 23.73 | 31.93 | 16.73 |
| Std. Deviation | 3.79 | 3.37 | 4.65 | 2.09 |
| LSD/sig | 3.97 | ns | P≤0.01 | P≤0.01 |
| ☐ Seed: weight of 100 seeds (g) | | | | |
| Mean | 22.27 | 22.23 | 22.23 | 21.96 |
| Std. Deviation | 1.01 | 1.00 | 0.25 | 1.24 |
| LSD/sig | 1.06 | ns | ns | ns |

## Prior Applications and Sales

Nil.

Description: **Andrew James and Natalie Moore,** CSIRO, St. Lucia, QLD.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2010/083 |
| **Variety Name** | 'Royal Hazel' |
| **Genus Species** | *Prunus avium* |
| **Common Name** | Sweet Cherry |
| **Synonym** | Nil |
| **Accepted Date** | 25 May 2010 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, USA |
| **Agent** | Graham's Factree Pty Ltd, Hoddles Creek, Vic |
| **Qualified Person** | Graham Fleming |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | The United States Patent and Trademarks Office |
| **Overseas Data Reference Number** | PP19,920 |
| **Descriptor** | Sweet Cherry (Prunus avium) TG35/6 |
| **Conditions** | Where possible the overseas data was verified under local growing conditions. The U.S Plant Patent data was converted into standard UPOV characteristics for Cherry. |

**Origin and Breeding**

Open Pollination: '25Z116'. The present new variety of cherry tree was originated by Zaiger's in their experimental orchard located near Modesto, California as an open pollinated seedling selection with the field identification number '25Z116'. A large group of these open pollinated seedlings were budded onto established rootstocks. After careful and close observation the new variety was selected for asexual propagation and commercialisation based on its desirable fruiting characteristics.
Breeder: Zaiger Inc Genetics

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Fruit | colour | red |
| Fruit | flesh colour | red |
| Tree | habit | upright |
| Time of | maturity | early |
| Time of | flowering | early |

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

| Name | Comments |
|---|---|
| 'Royal Lynn' | 'Royal Lynn' matures approximately 3 days later than 'Royal Hazel' and both are self-sterile. 'Royal Lynn' uses 'Royal Hazel' as a pollinator. |
| 'Royal Lee' | 'Royal Lee' produces fruit that is smaller than that compared to fruit of 'Royal Hazel'. |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| ‘Bing’ | fruit | maturity | 21 days earlier | 21 days later | 'Bing' matures approximately 21 days after 'Royal Hazel'. 'Bing' also has an earlier bloom date of about 10 days |
| 'Minnie Royal' | fruit | maturity | 8 days later | 8 days earlier | 'Minnie Royal' produces fruit that matures approximately 8 days earlier than fruit of 'Royal Hazel' |

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

| Organ/Plant Part: Context | ‘Royal Hazel’ | 'Royal Lee' | 'Royal Lynn' |
|---|---|---|---|
| ☐ Tree: vigour | strong | strong | strong |
| ☐ *Tree: habit | upright | upright | upright |
| ☐ Leaf blade: length | long | long | long |
| ☐ *Leaf: length of petiole | medium | medium | short to medium |
| ☐ *Petiole: nectaries | present | present | present |
| ☐ Petiole: colour of nectaries | dark red | dark red | dark red |
| ☐ Flower: shape of petal | round | round | round |
| ☐ *Fruit: size | large | medium to large | medium to large |
| ☐ *Fruit: shape | round | round | round |
| ☐ Fruit: pistil end | flat | depressed | depressed |
| ☐ *Fruit: colour of skin | red | red | red |
| ☐ Fruit: colour of flesh | red | red | red |
| ☑ *Fruit: firmness | firm | very firm | very firm |
| ☐ Fruit: acidity | medium | medium | medium |
| ☐ Fruit: sweetness | medium | medium | medium |
| ☑ *Fruit: length of stalk | short to medium | short | long |
| ☐ *Stone: size | small to medium | medium | medium |
| ☐ *Stone: shape | broad elliptic | narrow elliptic | broad elliptic |
| ☐ *Time of: flowering | early | early | early |

| | | | |
|---|---|---|---|
| ☐ *Time of: fruit maturity | early | early | early |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Royal Hazel' | 'Royal Lee' | 'Royal Lynn' |
|---|---|---|---|
| ☐ Stone : type | cling | clingstone | clingstone |
| ☐ Pollen: fertility | self sterile | self sterile | self sterile |
| ☑ Stem: length | medium | short | very long |
| ☑ Flowers: position of stigma in relation to anthers | above | below | below |
| ☑ Fruit: Brix (°Bx) | strong to very strong | strong | medium |

**Prior Applications and Sales**

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

First sold in USA in April 2009.

Description: **Graham Fleming** , Graham's Factree , Pty Ltd, Hoddles Creek, Vic.

**Details of Application**

| | |
|---|---|
| **Application Number** | 2010/082 |
| **Variety Name** | ‘Rosie Rainier’ |
| **Genus Species** | *Prunus avium* |
| **Common Name** | Sweet Cherry |
| **Synonym** | Nil |
| **Accepted Date** | 01 Jul 2010 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, USA |
| **Agent** | Graham's Factree Pty Ltd, Hoddles Creek, Vic |
| **Qualified Person** | Graham Fleming |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | The United States Patent and Trademarks Office |
| **Overseas Data Reference Number** | USPP19,307 |
| **Descriptor** | Sweet Cherry (*Prunus avium*) TG35/6 |
| **Conditions** | Where possible, overseas data has been verified under local growing conditions. The Us plant data was converted into standard characters in the UPOV technical guidelines for Prunus avium. |

**Origin and Breeding**

Open pollination: 'Bing' x 'Earlisweet' (U.S. Plant Pat. No. 9,783). The present new variety originated as an open pollinated proprietary seedling with the field identification '18LB359'. A large group of these open pollinated seedlings were budded to 'Mahaleb' rootstock. In 1997 after close observation the present variety was chosen for asexual propagation and commercialisation based on its desireable fruiting characteristics. It differs from 'Earlisweet' (USPP9,783) by having highly blushed yellow skin compared to it parent having red skin, and is approximately 10 days later in maturity. In comparison to its other parent 'Bing' the fruit of the new variety is approximately 8 days earlier in maturity. Breeder: Zaiger's Inc. Genetics, USA.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Tree | habit | upright |
| Fruit | colour of skin | vermillion on pale yellow background |
| Fruit | colour of flesh | cream white |
| Time of | flowering | early to medium |

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

| Name | Comments |
|---|---|
| ‘Royal Rainier’ | 'Royal Rainier' matures approximately 5-7 days later than 'Rosie Rainier' |

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

| Organ/Plant Part: Context | 'Rosie Rainier' | 'Royal Rainier' |
|---|---|---|
| ☐ Tree: vigour | medium | strong |
| ☐ *Tree: habit | upright | upright |
| ☐ Leaf blade: length | long | long |
| ☐ Leaf blade: width | broad | broad |
| ☐ *Leaf blade: ratio length/width | large | large |
| ☐ *Petiole: nectaries | present | present |
| ☐ *Fruit: size | large | medium to large |
| ☐ *Fruit: shape | round | round |
| ☐ Fruit: pistil end | depressed | depressed |
| ☐ *Fruit: colour of skin | vermillion on pale yellow background | vermillion on pale yellow background |
| ☐ Fruit: colour of flesh | cream white | cream white |
| ☐ *Fruit: firmness | firm | firm |
| ☐ Fruit: juiciness | medium | |
| ☑ *Fruit: length of stalk | long | medium |
| ☐ *Stone: shape | broad elliptic | circular |
| ☐ *Time of: flowering | early to medium | early to medium |
| ☐ *Time of: fruit maturity | early to medium | early to medium |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2006 | Granted | 'Rosie Rainier' |

First sold in USA in Oct 2008.

Description: **Graham Fleming** , Graham's Factree , Pty Ltd, Hoddles Creek, Vic

**Details of Application**

| | |
|---|---|
| **Application Number** | 2010/081 |
| **Variety Name** | ‘Royal Edie’ |
| **Genus Species** | *Prunus avium* |
| **Common Name** | Sweet Cherry |
| **Synonym** | Nil |
| **Accepted Date** | 07 Jul 2010 |
| **Applicant** | Zaiger's Inc. Genetics, Modesto, USA |
| **Agent** | Graham's Factree Pty Ltd, Hoddles Creek, Vic |
| **Qualified Person** | Graham Fleming |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | U.S Patent Office |
| **Overseas Data Reference Number** | U.S PP 19,365 |
| **Descriptor** | Sweet Cherry (*Prunus avium*) TG35/6 |
| **Conditions** | Where possible the overseas data was verified under local growing conditions. The U.S Plant Patent data was converted into standard UPOV characteristics for Cherry |

**Origin and Breeding**

Open pollination: ‘Royal Edie’ was developed by Zaiger's in their experimental orchard located near Modesto, Calif. ‘Royal Edie’ originated from an open pollinated Zaiger owned seedling selection with the field number '92LB341'. A large number of these seedlings were budded on established trees of 'Mahaleb' rootstock to accelerate fruit production. Under close observation the present variety was chosen for asexual propagation and commercialization based on its desirable fruiting characteristics. Breeder: Zaiger's Inc. Genetics, 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 | maturity | late |
| Fruit | flesh colour | red |
| Tree | habit | upright |

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

| Name | Comments |
|---|---|
| ‘Lapins’ | 'Lapins' is a large, red skin and red flesh cherry that matures slightly earlier than 'Royal Edie' and is self-fertile. |
| ‘Royal Dawn’ | 'Royal Dawn' is a medium to large sized cherry for the season that is globose in shape and has a red to dark red skin colour. It matures earlier in the season than 'Royal Edie'. |
| ‘Bing’ | ‘Bing’ is a red skin, red flesh cherry that matures approximately 10 days earlier than Royal Edie |

| | |
|---|---|
| 'Royal Helen' | 'Royal Helen' is a red skin, red flesh cherry that matures approximately 2 days before 'Royal Edie'. Both varieties are self-sterile and require a pollinator. Possible pollinators for both varieties are each other. |

Varieties of Common Knowledge identified above and subsequently excluded

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| ‘Royal Dawn’ | fruit | maturity | 24 days later | 24 days earlier | |
| ‘Bing’ | fruit | maturity | 10 days later | 10 days 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 | ‘Royal Edie’ | 'Royal Helen' | ‘Lapins’ |
|---|---|---|---|
| ☐ Tree: vigour | strong | strong | strong |
| ☐ *Tree: habit | upright | upright | upright |
| ☐ *Petiole: nectaries | present | present | |
| ☐ Flower: shape of petal | round | round | |
| ☐ *Fruit: size | large | large | large |
| ☐ *Fruit: shape | round | round | round |
| ☐ Fruit: pistil end | flat | flat | |
| ☑ *Fruit: colour of skin | red | red | dark red |
| ☐ Fruit: colour of flesh | red | red | red |
| ☐ *Fruit: firmness | very firm | very firm | firm |
| ☐ Fruit: juiciness | medium | medium | medium |
| ☐ *Stone: size | large | large | |
| ☐ *Stone: shape | broad elliptic | broad elliptic | |
| ☑ *Time of: flowering | medium to late | medium to late | early |
| ☐ *Time of: fruit maturity | late | late | late |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | ‘Royal Edie’ | 'Royal Helen' | ‘Lapins’ |
|---|---|---|---|
| ☐ Stone : type | semi-clingstone | clingstone | |
| ☐ Fruit: Brix (°Bx) | medium | medium to high | |
| ☑ Pollen: fertility | self sterile | self sterile | self fertile |
| ☑ Fruit: length of stalk | medium | long | |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| USA | 2008 | Granted | ‘Royal Edie’ |

First sold in USA in Oct 2008.

Description: **Graham Fleming** , Graham's Factree , Pty Ltd, Hoddles Creek, Vic

**Details of Application**

| | |
|---|---|
| **Application Number** | 2011/060 |
| **Variety Name** | 'Little Beauty' |
| **Genus Species** | *Tibouchina mutabilis* x *lepidota* |
| **Common Name** | Tibouchina |
| **Synonym** | Nil |
| **Accepted Date** | 20 Jun 2011 |
| **Applicant** | Terence Charles Keogh, Victoria Point, QLD |
| **Agent** | Plants Management Australia Pty. Ltd., Dodge Ferry, TAS |
| **Qualified Person** | Steve Eggleton |

| **Details of Comparative Trial** | |
|---|---|
| **Location** | Wonga Park, ViC, 3115 |
| **Descriptor** | PBR General Descriptor |
| **Period** | March 2012 to June 2013 |
| **Conditions** | Trial conducted in the open, plants propagated via cuttings in March 2012 and then transferred from tubes to 140mm pots in September 2012. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required |
| **Trial Design** | Twelve pots of each variety in a completely randomised design |
| **Measurements** | From ten plants randomly selected |
| **RHS Chart - edition** | Fifth |

**Origin and Breeding**

Controlled Pollination: Flowers of *T. mutabilis* 'Jazzie', female parent were pollinated with pollen from *T. lepidota* 'Alstonville', pollen parent as part of an ongoing breeding program to produce new and improved forms of *Tibouchina*. From this cross, seeds were collected and germinated. One seedling was selected for its habit. This plant was then propagated via cuttings and grown to maturity. Final selection was made with the following criteria: Plant height short to medium, plant density medium, flower colour deep violet. Propagation: will continue to be cuttings. Five generations have proved to be uniform and stable. Breeder: Terence Charles Keogh.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| plant | height | medium |
| flower | diameter | medium |
| sepal | overlapping | absent |
| petal | predominant colour of upper side when first expanded (RHS) | violet 83A |

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

| Name | Comments |
|---|---|
| 'Jazzie' | Parental variety |

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

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Groovy Baby' | plant | height | short to medium | short to very short | |
| 'Alstonville' | plant | height | short to medium | tall | 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 | 'Little Beauty' | 'Jazzie' |
|---|---|---|
| ☑ Plant: height | short to medium | medium to tall |
| ☐ Stem: degree of hairiness | medium | medium |
| ☐ Stem: presence of hairs | present | present |
| ☐ Young shoot: anthocyanin colouration | weak | weak |
| ☐ Leaf: size | medium | medium |
| ☐ Leaf: shape | elliptic | elliptic |
| ☐ Leaf: shape of apex | acute | acute |
| ☐ Leaf: shape of base | cuneate | cuneate |
| ☐ Leaf: undulation of the margin | very weak | very weak |
| ☐ Leaf: shape of cross-section | flat | flat |
| ☐ Leaf: curvature of longitudinal axis | straight | straight |
| ☐ Leaf: glossiness of upper side | medium | medium |
| ☐ Leaf: green colour | medium | medium |
| ☐ Leaf: presence of variegation | absent | absent |
| ☐ Flower: type | single | single |
| ☐ Flower: attitude | horizontal | horizontal |
| ☐ Flower: diameter | medium | medium |
| ☐ Petal: reflexing of margin | medium to strong | medium to strong |
| ☐ Petal: undulation | weak to medium | weak to medium |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'Little Beauty' | 'Jazzie' |
|---|---|---|
| ☐ Petal: undulation of margin | weak to medium | weak to medium |
| ☐ Plant: growth habit | bushy | upright to bushy |
| ☐ Leaf: colour (RHS colour chart) | N137B | N137B |
| ☐ Plant: density | medium | sparse to medium |
| ☐ Plant: cold tolerance | medium | medium to strong |
| ☐ Stamen: predominant colour of filaments before pollen dehiscence | cream | cream |
| ☐ Petal: number of colours | one | one |
| ☐ Petal: predominat colour of upper side when first expanded | 83A | 83A |

| | | |
|---|---|---|
| (RHS colour chart) | | |
| ☑ Petal : predominant colour of upper side after pollen dehiscence (RHS colour chart) | Purple-Violet N80A fading to N81A at margin | Purple-Violet N80A fading to Violet 83A at margin |
| ☐ Leaf: prominance of venation | medium | medium |
| ☐ sepal: overlapping | absent | absent |
| ☑ Bract: colour (RHS colour chart) | Yellow-Green 150C | Greyed-Purple 185A |
| ☐ Calyx: colour (RHS colour chart) | Yellow-Green 144A | Yellow-Green 144A |
| ☑ Petal: shape of blade | spathulate | obovate |
| ☐ Petal: reflexing of margin | medium to strong | medium to strong |

## Prior Applications and Sales

Prior application nil.

First sold in Australia in April 2010

Description: **Steve Eggleton,** PGA, VIC

**Details of Application**

| | |
|---|---|
| **Application Number** | 2012/120 |
| **Variety Name** | 'ESSENTIAL' |
| **Genus Species** | *Solanum lycopersicum* |
| **Common Name** | Tomato |
| **Synonym** | Nil |
| **Accepted Date** | 24 Aug 2012 |
| **Applicant** | Nunhems B.V. Haelen, The Netherlands |
| **Agent** | Shelston IP, Sydney, Australia |
| **Qualified Person** | John Oates |

**Details of Comparative Trial**

| | |
|---|---|
| **Overseas Testing Authority** | Naktibouw, NL |
| **Overseas Data Reference Number** | TMT02332 |
| **Location** | Naktinbouw, ROELOFARENDSVEEN, NL |
| **Descriptor** | Tomato (*Solanum lycopersicum*) TG/44/11 Rev. |
| **Period** | 2011-2012 |
| **RHS Chart - edition** | N/A |

**Origin and Breeding**

Controlled pollination: The female parent, 'LI-1749-0-2-3-4-1-0-5-3-0-1-0-5-0' a Nunhems breeding line was crossed with the Male parent, 'LH-05574-3-4-1-2-4-2-4-0', a Nunhems breeding line. Breeding and selection took place in Emilia Romagna region of Italy. Pedigree selection was conducted for six generations after this procedure the line Nun3169TO was shown to be uniform for fruit type and cluster appearance with the ability to set fruit in warm and cold conditions. Breeding and selection took place in Emilia Romagna region of Italy. Breeder: Nunhems B.V. Haelen, The Netherlands.

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

| Organ/Plant Part | Context | State of Expression in Group of Varieties |
|---|---|---|
| Plant | growth type | indeterminate |
| Leaf | division of blade | bipinnate |
| Peduncle | abscission layer | present |
| Fruit | size | very small to small |
| Fruit | number of locules | only two |

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

| Name | Comments |
|---|---|
| 'Luciplus' | |
| 'Red Grape' | |
| 'Healthy Kick' | |
| 'Bite Size' | |
| 'Mini Red Pear' | |
| 'Tommy Toe' | |

| Variety | Distinguishing Characteristics | | State of Expression in Candidate Variety | State of Expression in Comparator Variety | Comments |
|---|---|---|---|---|---|
| 'Red Grape' | Leaf | blade type | bipinnate | pinnate | |
| 'Healthy Kick' | plant | growth type | indeterminate | determinate | |
| 'Bite Size' | fruit | shape in longitudinal section | obovate | circular | |
| 'Mini Red 'Pear | fruit | shape in longitudinal section | obovate | pyriform | |
| 'Tommy Toe' | fruit | shape in longitudinal section | obovate | circular | |
| 'Tommy Toe' | fruit | shape in longitudinal section | obovate | circular | |

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

| Organ/Plant Part: Context | 'ESSENTIAL' | 'Luciplus' |
|---|---|---|
| ☐ Seedling: anthocyanin colouration of hypocotyl (seed-propagated varieties only) | present | present |
| ☐ *Plant: growth type | indeterminate | indeterminate |
| ☐ Stem: anthocyanin colouration | weak to medium | weak to medium |
| ☐ Stem: length of internode (varieties with plant growth type indeterminate only) | short to medium | short to medium |
| ☐ Plant: height (varieties with plant growth type indeterminate only) | long | long |
| ☐ *Leaf: attitude | horizontal to semi-drooping | horizontal to semi-drooping |
| ☐ Leaf: length | medium | medium |
| ☐ Leaf: width | medium | medium |
| ☐ *Leaf: type of blade | bipinnate | bipinnate |
| ☐ Leaf: size of leaflets | small to medium | small to medium |
| ☐ Leaf: intensity of green colour | medium to dark | medium to dark |
| ☐ Leaf: glossiness | weak | weak |
| ☐ Leaf: blistering | weak | weak |
| ☐ Leaf: attitude of petiole of leaflet in relation to main axis | semi-erect to horizontal | semi-erect to horizontal |
| ☐ Inflorescence: type | mainly uniparous | mainly uniparous |

| | | |
|---|---|---|
| ☐ *Flower: colour | yellow | yellow |
| ☐ Flower: pubescence of style | present | present |
| ☐ *Peduncle: abscission layer | present | present |
| ☐ *Pedicel: length (varieties with peduncle abscission layer present only) | medium to long | medium to long |
| ☑ *Fruit: green shoulder (before maturity) | present | present |
| ☐ Fruit: extent of green shoulder (before maturity) | large | large |
| ☐ Fruit: intensity of green colour of shoulder (before maturity) | dark | dark |
| ☐ *Fruit: intensity of green colour excluding shoulder (before maturity) | light to medium | light to medium |
| ☐ *Fruit: size | very small to small | very small to small |
| ☐ *Fruit: ratio length/diameter | moderately elongated | moderately elongated |
| ☑ *Fruit: shape in longitudinal section | obovate | Oval |
| ☐ *Fruit: ribbing at peduncle end | absent or very weak | absent or very weak |
| ☐ Fruit: depression at peduncle end | absent or very weak | absent or very weak |
| ☐ Fruit: size of peduncle scar | very small | very small |
| ☐ Fruit: size of blossom scar | very small | very small |
| ☐ Fruit: shape at blossom end | flat to pointed | flat to pointed |
| ☐ Fruit: diameter of core in cross section in relation to total diameter | small | small |
| ☐ Fruit: thickness of pericarp | very thin to thin | very thin to thin |
| ☐ *Fruit: number of locules | only two | only two |
| ☐ *Fruit: colour (at maturity) | red | red |
| ☐ *Fruit: colour of flesh (at maturity) | red | red |
| ☐ *Fruit: firmness | very firm | very firm |
| ☐ Time of: flowering | early | early |
| ☐ *Time of: maturity | early | early |
| ☐ *Resistance to: Meloidogyne incognita (Mi) | highly resistant | |
| ☑ *Resistance to: Verticillium sp. (Va and Vd) Race 0 | absent | present |
| ☐ Resistance to: Fusarium | present | present |

| | | |
|---|---|---|
| oxysporum f. sp. lycopersici (Fol) Race 0 (ex 1) | | |
| ☐ Resistance to: Fusarium oxysporum f. sp. lycopersici (Fol) Race 1 (ex 2) | present | present |
| ☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) Group A | absent | |
| ☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) Group B | absent | |
| ☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) Group C | absent | |
| ☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) Group D | absent | |
| ☐ Resistance to: Fulvia fulva (Ff) (ex Cladosporium fulvum) Group E | absent | |
| ☐ Resistance to: Tomato Mosaic Tobamovirus (ToMV) Strain 0 | present | present |
| ☐ Resistance to: Tomato Mosaic Tobamovirus (ToMV) Strain 1 | present | |
| ☑ Resistance to: Tomato Yellow Leaf Curl Begomovirus (TYLCV) | present | absent |

**Characteristics Additional to the Descriptor/TG**

| Organ/Plant Part: Context | 'ESSENTIAL' | 'Luciplus' |
|---|---|---|
| ☑ plant: leaf density | sparse | medium |

**Prior Applications and Sales**

| Country | Year | Current Status | Name Applied |
|---|---|---|---|
| The Netherlands | 2011 | Pending | 'ESSENTIAL' |
| EU | 2012 | Pending | 'ESSENTIAL' |
| CL | 2012 | Granted | 'ESSENTIAL' |

First sold in Israel in August 2010.

Description: **John Oates**, Tura Beach,, NSW.

# GRANTS

*Aloe* hybrid

ALOE

## ‘Always Red’Φ

Application No: 2008/070
Applicant: **Leo Peter Erik Thamm**
Certificate No: 4650 Expiry Date: 17 September, 2033.
Agent: **Michael Dent**, Taringa, QLD.

## ‘Fairy Pink’Φ

Application No: 2008/069
Applicant: **Leo Peter Erik Thamm**
Certificate No: 4651 Expiry Date: 17 September, 2033.
Agent: **Michael Dent**, Taringa, QLD.

## ‘LEO 3676B’Φ syn Copper ShowerΦ

Application No: 2008/351
Applicant: **Leo Peter Erik Thamm**
Certificate No: 4628 Expiry Date: 10 September, 2033.
Agent: **Michael Dent**, Taringa, QLD.

## ‘LEO 4120’Φ syn TopazΦ

Application No: 2008/355
Applicant: **Leo Peter Erik Thamm**
Certificate No: 4641 Expiry Date: 12 September, 2033.
Agent: **Michael Dent**, Taringa, QLD.

## ‘LEO 8547’Φ syn GeminiΦ

Application No: 2008/354
Applicant: **Leo Peter Erik Thamm**
Certificate No: 4640 Expiry Date: 12 September, 2033.
Agent: **Michael Dent**, Taringa, QLD.

*Alyogyne huegelii* x *hakeifolia*

ALYOGYNE, NATIVE HIBISCUS

## ‘Delightfully Double’Φ

Application No: 2010/218
Applicant: **Plant Growers Australia**
Certificate No: 4637 Expiry Date: 3 September, 2033.

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

*Anigozanthos* hybrid

KANGAROO PAW

## ‘Rambozazz’[Φ] syn Bush Pizzazz[Φ]

Application No: 2010/040
Applicant: **Ramm Botanicals Holdings Pty Ltd.**
Certificate No: 4572 Expiry Date: 2 July, 2033.

## ‘Rambueleg’[Φ]

## Application No: 2007/294

Applicant: **Ramm Botanicals Holdings Pty Ltd**
Certificate No: 4573 Expiry Date: 2 July, 2033.

*Avena sativa*

OATS

## ‘Wombat’[Φ]

Application No: 2008/242
Applicant: **Minister for Agriculture, Food and Fisheries and Grains Research and Development Corporation**
Certificate No: 4657 Expiry Date: 19 September, 2033.

*Brassica napus*

CANOLA

## ‘43C80’[Φ]

Application No: 2009/052
Applicant: **Pioneer Hi-Bred International, Inc.**
Certificate No: 4606 Expiry Date: 27 August, 2033.
Agent: **Pioneer Hi-Bred Australia Pty Ltd**, Toowoomba, QLD.

## ‘44C79’[Φ]

Application No: 2009/051
Applicant: **Pioneer Hi-Bred International, Inc.**
Certificate No: 4605 Expiry Date: 27 August, 2033.
Agent: **Pioneer Hi-Bred Australia Pty Ltd**, Toowoomba, QLD.

*Calibrachoa* hybrid

CALIBRACHOA

## ‘Sunbelkopawai’Φ syn Compact WineΦ

Application No: 2010/296
Applicant: **Suntory Flowers Ltd**
Certificate No: 4656 Expiry Date: 18 September, 2033.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Cannabis sativa*

INDUSTRIAL HEMP

## ‘CHG’Φ

Application No: 2010/269
Applicant: **Ecofibre Industries Operations Pty Ltd**
Certificate No: 4601 Expiry Date: 22 August, 2033.

*Cenchrus ciliaris*

BUFFEL GRASS

## ‘Lakota’Φ syn Cool BuffΦ

Application No: 2012/056
Applicant: **Pogue Agri Partners, Inc and Antonio Narro Autonomous Agragrian University**
Certificate No: 4634 Expiry Date: 26 August, 2033.
Agent: **Heritage Seeds**, Richlands, QLD.

*Chamelaucium uncinatum*

WAXFLOWER

## ‘WF MIM 5’Φ syn Mim 5Φ

Application No: 2012/055
Applicant: **Goldsash Pty Ltd**
Certificate No: 4639 Expiry Date: 5 September, 2033.
Agent: **Western Flora**, West Swan, WA.

*Citrus aurantifolia*

LIME

## ‘Sublime’Φ

Application No: 2007/152
Applicant: **Darwin Plant Wholesalers**

Certificate No: 4622 Expiry Date: 3 September, 2038.
Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

*Citrus reticulata*

MANDARIN

### ‘G-6’ϕ

Application No: 2009/150
Applicant: **David Gilmore Goldup**
Certificate No: 4624 Expiry Date: 9 September, 2038.

### ‘Moria’ϕ

Application No: 2006/176
Applicant: **The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation**
Certificate No: 4603 Expiry Date: 26 August, 2038.
Agent: **Australian Nurserymen's Fruit Improvement Company Limited**, Kallangur, QLD.

### ‘Nectar’ϕ

Application No: 2009/191
Applicant: **The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation**
Certificate No: 4599 Expiry Date: 22 August, 2038.
Agent: **Australian Nurserymen's Fruit Improvement Company Limited**, Kallangur, QLD.

### ‘Orri’ϕ

Application No: 2006/177
Applicant: **The State of Israel - Ministry of Agriculture & Rural Development Agricultural Research Organisation**
Certificate No: 4604 Expiry Date: 26 August, 2038.
Agent: **Variety Acess Pty Ltd**, Torbanlea, QLD.

*Citrus reticulata* x *Citrus sinensis*

TANGOR

### ‘Tacle’ϕ

Application No: 2004/064
Applicant: **Istituto Sperimentale per L'Agrumicoltura**
Certificate No: 4602 Expiry Date: 26 August, 2038.
Agent: **Australian Nurserymen's Fruit Improvement Company Limited**, Kallangur,, QLD.

*Cordyline* hybrid

CORDYLINE, CABBAGE TREE, TI

### ‘Roma 06’Φ

Application No: 2010/325
Applicant: **Malcolm Woolmore**
Certificate No: 4643 Expiry Date: 12 September, 2033.
Agent: **Touch of Class Plants Pty Ltd**, Tynong, VIC.

*Correa alba* x *pulchella*

CORREA

### ‘Annabell’Φ

Application No: 2011/026
Applicant: **Peter James Ollerenshaw**
Certificate No: 4635 Expiry Date: 28 August, 2033.

*Correa* sp

CORREA

### ‘Adorabell’Φ

Application No: 2011/023
Applicant: **Peter James Ollerenshaw**
Certificate No: 4632 Expiry Date: 26 August, 2033.

### ‘Just a Touch’Φ

Application No: 2011/025
Applicant: **Peter James Ollerenshaw**
Certificate No: 4638 Expiry Date: 28 August, 2033.

### ‘Peter Sutton’Φ

Application No: 2011/024
Applicant: **Peter James Ollerenshaw**
Certificate No: 4633 Expiry Date: 26 August, 2033.

*Cucumis melo*

MELON

### ‘HDO393501’Φ

Application No: 2011/331
Applicant: **Seminis Vegetable Seeds, Inc.**

Certificate No: 4570 Expiry Date: 1 July, 2033.
Agent: **Monsanto Australia Limited**, Melbourne, VIC.

### ‘HDO393502’[Φ]

Application No: 2011/332
Applicant: **Seminis Vegetable Seeds Inc**
Certificate No: 4571 Expiry Date: 1 July, 2033.
Agent: **Monsanto Australia Limited**, St Kilda Road Central, VIC.

### ‘PX 14556354’[Φ] syn BLISSBOMB[Φ]

Application No: 2011/327
Applicant: **Seminis Vegetable Seeds Inc**
Certificate No: 4569 Expiry Date: 1 July, 2033.
Agent: **Monsanto Australia Limited**, St Kilda Road Central, VIC.

*Dahlia variabilis*

DAHLIA

### ‘Scarlet Fern’[Φ] syn Mysticmars[Φ]

Application No: 2007/037
Applicant: **Dr Keith Hammett**
Certificate No: 4618 Expiry Date: 3 September, 2033.
Agent: **Greenhills Propagation Nursery P/L**, Tynong, Vic.

*Dianella revoluta*

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

### ‘Allyn-Citation’[Φ]

Application No: 2007/177
Applicant: **VF and NC Jupp**
Certificate No: 4592 Expiry Date: 14 August, 2033.

*Diplotaxis tenuifolia*

WILD ROCKET

### ‘Dragons Tongue’[Φ]

Application No: 2012/284
Applicant: **AL Tozer Ltd**
Certificate No: 4591 Expiry Date: 14 August, 2033.
Agent: **Griffin Seeds Pty Ltd**, Lower Plenty, VIC.

*Dracaena deremensis*

DRAGON TREE

## ‘2004027j’[Φ] syn Dorado[Φ]

Application No: 2009/011
Applicant: **Dragontree Beheer B.V.**
Certificate No: 4611 Expiry Date: 28 August, 2033.
Agent: **Crop and Nursery Services**, Macmasters Beach, NSW.

## ‘Greenjewel’[Φ]

Application No: 2009/012
Applicant: **Dragontree Beheer B.V.**
Certificate No: 4612 Expiry Date: 28 August, 2033.
Agent: **Crop and Nursery Services**, Macmasters Beach, NSW.

## ‘Jadejewel’[Φ]

Application No: 2009/008
Applicant: **Dragontree Beheer B.V.**
Certificate No: 4610 Expiry Date: 28 August, 2033.
Agent: **Harts Nursery P/L**, Rochedale, QLD.

## ‘Kanzi’[Φ]

Application No: 2006/170
Applicant: **Dragontree Beheer B.V.**
Certificate No: 4617 Expiry Date: 3 September, 2033.
Agent: **Crop and Nursery Services**, Macmasters Beach, NSW.

## ‘Lemon Surprise’[Φ]

Application No: 2007/147
Applicant: **Dragontree Beheer B.V.**
Certificate No: 4619 Expiry Date: 3 September, 2033.
Agent: **Crop and Nursery Services**, Macmasters Beach, NSW.

## ‘Malaika’[Φ]

Application No: 2007/148
Applicant: **Dragontree Beheer B.V.**
Certificate No: 4620 Expiry Date: 2 September, 2033.
Agent: **Crop and Nursery Services**, Macmasters Beach, NSW.

## ‘White Jewel’[Φ]

Application No: 2006/169
Applicant: **Dragontree Beheer B.V.**
Certificate No: 4616 Expiry Date: 4 September, 2033.
Agent: **Crop and Nursery Services**, Macmasters Beach, NSW.

## ‘White Surprise’Φ

Application No: 2007/149
Applicant: **Dragontree Beheer B.V.**
Certificate No: 4621 Expiry Date: 2 September, 2033.
Agent: **Crop and Nursery Services**, Macmasters Beach, NSW.

*Euphorbia pulcherrima*

POINSETTIA

## ‘NPCW02044’Φ syn Christmas FeelingsΦ

Application No: 2006/318
Applicant: **Nils Klemm**
Certificate No: 4609 Expiry Date: 28 August, 2033.
Agent: **Ian Paananen**, Macmasters Beach, NSW.

*Fragaria* x*ananassa*

STRAWBERRY

## ‘Aussiegem’Φ syn LouLou BelleΦ

Application No: 2010/174
Applicant: **The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry, Horticulture Australia Limited**
Certificate No: 4588 Expiry Date: 16 July, 2033.

## ‘Redgem’Φ

## Application No: 2010/171

Applicant: **The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry, Horticulture Australia Limited**
Certificate No: 4575 Expiry Date: 3 July, 2033.

## ‘Sunblushgem’Φ syn Sweet MelinaΦ

Application No: 2010/173
Applicant: **The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry, Horticulture Australia Limited**
Certificate No: 4587 Expiry Date: 16 July, 2033.

## ‘Suncoast Delight’Φ

Application No: 2010/172
Applicant: **The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry, Horticulture Australia Limited**

Certificate No: 4586 Expiry Date: 16 July, 2033.

### ‘Sweet Ann’Φ

Application No: 2012/179
Applicant: **Lassen Canyon Nursery, Inc**
Certificate No: 4590 Expiry Date: 16 July, 2033.
Agent: **The State of Queensland acting through the Department of Agriculture, Forestry and Fisheries**, Brisbane, QLD.

### ‘Treasure Harvest’Φ

Application No: 2011/046
Applicant: **Top Berries, LLC**
Certificate No: 4589 Expiry Date: 16 July, 2033.
Agent: **The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry**, Brisbane, QLD.

*Grevillea preissii*

SPIDERNET GREVILLEA

### ‘Green Seaspray’Φ

Application No: 2012/003
Applicant: **George A Lullfitz**
Certificate No: 4645 Expiry Date: 11 September, 2033.

*Grevillea* sp

GREVILLEA

### ‘Knockout’Φ

Application No: 2011/027
Applicant: **Peter James Ollerenshaw**
Certificate No: 4636 Expiry Date: 26 August, 2033.

*Hordeum vulgare*

BARLEY

### ‘Bass’Φ

Application No: 2008/334
Applicant: **InterGrain Pty Ltd**
Certificate No: 4574 Expiry Date: 3 July, 2033.

*Lactuca sativa*

LETTUCE

## **'Duplex'**$^{\phi}$

Application No: 2011/286
Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**
Certificate No: 4630 Expiry Date: 26 August, 2033.
Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

*Lens culinaris*

LENTIL

## **'Grampians'**$^{\phi}$ **syn CIPAL0714**$^{\phi}$

Application No: 2011/059
Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation**
Certificate No: 4669 Expiry Date: 26 September, 2033.
Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

## **'Materno'**$^{\phi}$ **syn CIPAL0717**$^{\phi}$

Application No: 2011/058
Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation**
Certificate No: 4668 Expiry Date: 26 September, 2033.
Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

## **'Mt Byron'**$^{\phi}$ **syn CIPAL0719**$^{\phi}$

Application No: 2011/057
Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation**
Certificate No: 4667 Expiry Date: 26 September, 2033.
Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

## **'PBA Blitz'**$^{\phi}$ **syn Blitz**$^{\phi}$

Application No: 2010/223
Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation**
Certificate No: 4666 Expiry Date: 26 September, 2033.
Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

## **'PBA Jumbo'**$^{\phi}$ **syn Jumbo**$^{\phi}$

Application No: 2010/222
Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation**
Certificate No: 4665 Expiry Date: 26 September, 2033.
Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

*Lolium* x *hybridum*

HYBRID RYEGRASS

## ‘Shogun’Φ

Application No: 2011/200
Applicant: **New Zealand Agriseeds Limited**
Certificate No: 4598 Expiry Date: 19 August, 2033.
Agent: **Heritage Seeds Pty Ltd**, Dandenong South, VIC.

*Loropetalum chinense*

CHINESE FRINGE FLOWER

## ‘Bobz Pink’Φ

Application No: 2009/361
Applicant: **Pearce's Nurseries Pty Ltd**
Certificate No: 4608 Expiry Date: 27 August, 2033.

## ‘Bobz Red’Φ Φ

Application No: 2009/362
Applicant: **Pearce's Nurseries Pty Ltd**
Certificate No: 4625 Expiry Date: 27 August, 2033.

## ‘Bobz White’Φ

Application No: 2009/363
Applicant: **Pearce's Nurseries Pty Ltd**
Certificate No: 4626 Expiry Date: 27 August, 2033.

*Macroptilium bracteatum*

BURGUNDY BEANS

## ‘Garnet’Φ syn 08P24-4Φ

Application No: 2010/163
Applicant: **Heritage Seeds Pty Ltd**
Certificate No: 4629 Expiry Date: 26 August, 2033.

## ‘Presto’Φ syn 08P3-2Φ

Application No: 2010/162
Applicant: **Heritage Seeds Pty Ltd**
Certificate No: 4627 Expiry Date: 26 August, 2033.

*Malus domestica*

APPLE

## ‘ARIANE’Φ

Application No: 2008/074
Applicant: **INRA - Institut National de la Recherche Agronomique**
Certificate No: 4623 Expiry Date: 6 September, 2038.
Agent: **Watermark Patent & Trade Mark Attorneys**, Hawthorn, VIC.

## ‘RS103-130’Φ syn Kalei Φ

Application No: 2005/278
Applicant: **The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry**
Certificate No: 4660 Expiry Date: 23 September, 2038.

*Mandevilla* hybrid

MANDEVILLA

## ‘Sunparabeni’Φ

Application No: 2010/232
Applicant: **Suntory Flowers Ltd**
Certificate No: 4653 Expiry Date: 19 September, 2033.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

## ‘Sunparapibra’Φ syn Classic Cream Pink Φ

Application No: 2010/297
Applicant: **Suntory Flowers Ltd**
Certificate No: 4655 Expiry Date: 18 September, 2033.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Mangifera indica*

MANGO

## ‘R10/8’Φ

Application No: 2007/096
Applicant: **Kenneth Rayner**
Certificate No: 4594 Expiry Date: 15 August, 2038.

## ‘RA/17’Φ

Application No: 2007/094
Applicant: **Kenneth Rayner**
Certificate No: 4593 Expiry Date: 15 August, 2038.

*Medicago sativa*

LUCERNE

## ‘57Q75’Φ

Application No: 2003/333
Applicant: **Pioneer Hi-Bred International, Inc.**
Certificate No: 4652 Expiry Date: 18 September, 2033.
Agent: **Pioneer Hi-Bred Australia Pty Ltd**, TOOWOOMBA, QLD.

*Medicago sativa* ssp. *sativa* x *Medicago sativa* ssp. *falcata*

HYBRID LUCERNE

## ‘KI creepa’Φ

Application No: 2010/195
Applicant: **University of Tasmania, The Crown in Right of the State of Tasmania through the Department of Primary Industries, Parks, Water and Environment**
Certificate No: 4631 Expiry Date: 26 August, 2033.

*Melaleuca ringens*

MELALEUCA, TEA TREE, HONEY MYRTLES

## ‘RingpenGL’Φ

Application No: 2010/201
Applicant: **George A Lullfitz**
Certificate No: 4642 Expiry Date: 11 September, 2033.

*Metrosideros excelsa*

NEW ZEALAND CHRISTMAS TREE

## ‘Lemon Twist’Φ

Application No: 2009/352
Applicant: **Quito Pty Ltd**
Certificate No: 4607 Expiry Date: 27 August, 2038.

*Nandina domestica*

HEAVENLY BAMBOO

## ‘AKA’Φ

Application No: 2009/238
Applicant: **Magnolia Gardens Nursery**
Certificate No: 4661 Expiry Date: 24 September, 2033.
Agent: **Ozbreed Pty Ltd**, Clarendon,NSW.

## ‘MURASAKI’Φ

Application No: 2009/239
Applicant: **Magnolia Gardens Nursery**
Certificate No: 4664 Expiry Date: 24 September, 2033.
Agent: **Ozbreed Pty Ltd**, Clarendon, NSW.

## ‘Seika’Φ

Application No: 2011/080
Applicant: **Magnolia Gardens Nursery**
Certificate No: 4663 Expiry Date: 24 September, 2033.
Agent: **Ozbreed Pty Ltd**, Richmond, NSW.

*Neotyphodium coenophialum*

ENDOPHYTE

## ‘AR601’Φ

Application No: 2011/191
Applicant: **Grasslanz Technology Limited**
Certificate No: 4597 Expiry Date: 19 August, 2033.
Agent: **Griffith Hack**, Brisbane, QLD.

*Osteospermum ecklonis*

CAPE DAISY

## ‘Saksiscap’Φ syn Copper ApricotΦ

Application No: 2009/134
Applicant: **Sakata Ornamentals Europe A/S**
Certificate No: 4648 Expiry Date: 17 September, 2033.
Agent: **Oasis Horticulture Pty Ltd**, Winmalee, NSW.

## ‘Saksiscopye’Φ syn Copper YellowΦ

Application No: 2009/133
Applicant: **Sakata Ornamentals Europe A/S**

Certificate No: 4649 Expiry Date: 16 September, 2033.
Agent: **Oasis Horticulture Pty Ltd**, Winmalee, NSW.

## **‘Saksisgolye’Φ syn Golden Yellow**Φ

Application No: 2009/135
Applicant: **Sakata Ornamentals Europe A/S**
Certificate No: 4647 Expiry Date: 16 September, 2033.
Agent: **Oasis Horticulture Pty Ltd**, Winmalee, NSW.

*Petunia* hybrid

PETUNIA

## **‘Keitaamees’Φ syn Compact Amethyst**Φ

Application No: 2011/030
Applicant: **Keisei Rose Nurseries, Inc.**
Certificate No: 4654 Expiry Date: 18 September, 2033.
Agent: **Oasis Horticulture Pty Limited**, Winmalee, NSW.

*Prunus persica*

PEACH

## **‘OzDelite HL-1’Φ**

Application No: 2010/099
Applicant: **Rolfe Nominees Pty Ltd, Prunus Persica Pty Ltd**
Certificate No: 4600 Expiry Date: 21 August, 2038.
Agent: **Australian Nurserymen's Fruit Improvement Company Limited (ANFIC)**, Kallangur,, QLD.

*Prunus persica* var *nucipersica*

NECTARINE

## **‘May Pearl’Φ**

Application No: 2010/243
Applicant: **Lowell G. Bradford**
Certificate No: 4576 Expiry Date: 3 July, 2038.
Agent: **Buchanan's Nursery**, HODGSON VALE, QLD.

*Pyrus communis*

EUROPEAN PEAR

## **‘PYVERT’Φ**

Application No: 1996/229

Applicant: **Agri Obtentions**
Certificate No: 4615 Expiry Date: 2 September, 2038.
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

## ‘TAYLORS GOLD’[Φ]

Application No: 1996/108
Applicant: **Michael Bede & Wendy May King Turner**
Certificate No: 4614 Expiry Date: 2 September, 2038.
Agent: **Graham's Factree Pty Ltd**, Hoddles Creek, VIC.

*Rosa* hybrid

ROSE

## ‘Harpresto’[Φ]

Application No: 2010/041
Applicant: **Harkness New Roses Ltd**
Certificate No: 4595 Expiry Date: 16 August, 2033.
Agent: **Knight's Roses**, Gawler,SA.

*Saccharum* hybrid

SUGARCANE

## ‘Q244’[Φ] syn BSES244[Φ]

Application No: 2011/166
Applicant: **Sugar Research Australia Limited (SRA)**
Certificate No: 4577 Expiry Date: 2 July, 2033.

## ‘Q245’[Φ] syn BSES245[Φ]

Application No: 2011/168
Applicant: **Sugar Research Australia Limited (SRA)**
Certificate No: 4578 Expiry Date: 2 July, 2033.

## ‘Q246’[Φ] syn BSES246[Φ]

Application No: 2011/169
Applicant: **Sugar Research Australia Limited (SRA)**
Certificate No: 4579 Expiry Date: 2 July, 2033.

## ‘Q247’[Φ] syn BSES247[Φ]

Application No: 2011/170
Applicant: **Sugar Research Australia Limited (SRA)**
Certificate No: 4580 Expiry Date: 3 July, 2033.

### ‘Q248’[Φ] syn BSES248[Φ]

Application No: 2011/171
Applicant: **Sugar Research Australia Limited (SRA)**
Certificate No: 4646 Expiry Date: 17 September, 2033.

### ‘Q249’[Φ] syn BSES249[Φ]

Application No: 2012/078
Applicant: **Sugar Research Australia Limited (SRA)**
Certificate No: 4581 Expiry Date: 2 July, 2033.

### ‘Q250’[Φ] syn BSES250[Φ]

Application No: 2012/080
Applicant: **Sugar Research Australia Limited (SRA)**
Certificate No: 4582 Expiry Date: 3 July, 2033.

### ‘Q251’[Φ] syn BSES251[Φ]

Application No: 2012/081
Applicant: **Sugar Research Australia Limited (SRA)**
Certificate No: 4583 Expiry Date: 3 July, 2033.

*Solanum lycopersicum*

TOMATO

### ‘RED LUCK’[Φ]

Application No: 2011/333
Applicant: **Seminis Vegetable Seeds Inc**
Certificate No: 4644 Expiry Date: 4 September, 2033.
Agent: **Monsanto Australia Limited**, St Kilda Road Central,, VIC.

*Stenotaphrum secundatum*

BUFFALO GRASS, ST AUGUSTINE GRASS

### ‘TBLL’[Φ]

Application No: 2012/123
Applicant: **Robert and Alexandra Cray**
Certificate No: 4613 Expiry Date: 2 September, 2033.

*Triticum aestivum*

WHEAT

## ‘Waagan’[ϕ] syn WW12410[ϕ]

Application No: 2007/299
Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales; The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry; GRDC**
Certificate No: 4596 Expiry Date: 19 August, 2033.

*Vitis* hybrid

GRAPEVINE ROOTSTOCK

## ‘RS-3’[ϕ]

Application No: 2009/308
Applicant: **The Regents of the University of California**
Certificate No: 4658 Expiry Date: 20 September, 2038.
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

## ‘RS-9’[ϕ]

Application No: 2009/309
Applicant: **The Regents of the University of California**
Certificate No: 4659 Expiry Date: 20 September, 2038.
Agent: **Phillips Ormonde Fitzpatrick**, Melbourne, VIC.

*Westringia fruticosa*

COASTAL ROSEMARY

## ‘WES05’[ϕ]

Application No: 2008/312
Applicant: **NuFlora International Pty Ltd**
Certificate No: 4585 Expiry Date: 12 July, 2033.
Agent: **Ozbreed Pty Ltd**, Clarendon, NSW.

## ‘WES01’[ϕ]

Application No: 2008/311
Applicant: **NuFlora International Pty Ltd**
Certificate No: 4584 Expiry Date: 12 July, 2033.
Agent: **Ozbreed Pty Ltd**, Clarendon, NSW.

# Denomination Changed

| Application No. | *Genus* | *Species* | Common Name | Changed From | Changed To |
|---|---|---|---|---|---|
| 2013/126 | *Hordeum* | vulgare | Barley | W14593-1 | Compass |
| 2010/304 | *Echeveria* | setosa x Echeveria gibbifera | Echeveria | Blue Wren | Joey2 |
| 2012/001 | *Echeveria* | setosa x Echeveria gibbifera | Echeveria | Coolvue | Joey1 |

# Change of Agent

| App. No. | *Genus* | *Species* | Variety | Changed From | Changed To |
|---|---|---|---|---|---|
| 2011/069 | *Malus* | *domestica* | UEB 3264/2 | Global Licencing Associates AU/Peter Buchanan | Garry Langford |
| 2011/224 | *Malus* | *domestica* | UEB 3375/2 | Global Licencing Associates AU | Garry Langford |
| 2012/297 | *Solanum* | *tuberosum* | Divaa | Eastern Seeds Pty Ltd | South Australian Seeds Pty Ltd |
| 2012/298 | *Solanum* | *tuberosum* | Marvel | Eastern Seeds Pty Ltd | South Australian Seeds Pty Ltd |
| 2010/189 | *Leucadendron* | *laureolum* | Burgundy sunset | | Proteaflora Nursery |

# Change of Applicant's Name

| App. No. | *Genus* | *Species* | Variety | Common Name | Changed From | Changed To |
|---|---|---|---|---|---|---|
| 2007/139 | *Trifolium* | *repens* | Storm | White Clover | Department of Primary Industries | Department of Environment and Primary Industries |
| 1996/199 | *Ficus* | *benjamina* | MIDNIGHT BEAUTY | Weeping Fig | Plantenkwekerij J. van Geest BV | J. van Geest Holding BV |
| 2001/011 | *Ficus* | *benjamina* | Pedani | Weeping Fig | Plantenkwekerij J. van Geest BV | J. van Geest Holding BV |

# Assignment of Rights

| App. No. | *Genus* | *Species* | Variety | Common Name | Changed From | Changed To |
|---|---|---|---|---|---|---|
| 2011/223 | *Malus* | *domestica* | RoHo 3615 | Apple | Pflanzen Hofmann GmbH | Hofmann Sortenschutz GmbH |

# WITHDRAWN

The following varieties are no longer under PBR provisional protection

| App. No. | *Genus* | *Species* | Common Name | Variety |
|---|---|---|---|---|
| 2008/053 | *Argyranthemum* | *hybrid* | Marguerite Daisy | Supaanemsi |
| 2006/179 | *Prunus* | *avium* | Sweet Cherry | Symphony |
| 2010/015 | *Solanum* | *tuberosum* | Potato | Laurene |
| 2012/025 | *Solanum* | *tuberosum* | Solanum | Countessa |
| 2010/111 | *Prunus* | incana x tomentosa | Willow cherry x Nanking cherry | VSV-1 |
| 2011/148 | *Grevillea* | *hybrid* | Grevillea | *Soopa Doopa* |

# Grants Surrendered

| App. No. | *Genus* | *Species* | Variety | Synonym | Common Name |
|---|---|---|---|---|---|
| 2004/058 | *Rosa* | hybrid | Schatina | Sweet Moments! | Rose |
| 2006/215 | *Ozothamnus* | *diosmifolius* | Winter White | | Riceflower |
| 2002/091 | *Trifolium* | *pratense* | Crossway | | Red Clover |
| 2003/130 | *Calibrachoa* | hybrid | Sunbelho | White Chimes | Calibrachoa |
| 2003/129 | *Calibrachoa* | hybrid | Sunbelre | Red Chimes | Calibrachoa |
| 2003/214 | *Gaura* | *lindheimeri* | Baltinblus | | Gaura |
| 2003/213 | *Gaura* | lindheimeri | Baltinrose | | Gaura |
| 2003/216 | *Impatiens* | *walleriana* | Balolerose | | Busy Lizzie |
| 2002/357 | *Impatiens* | *walleriana* | Balolepup | | Busy Lizzie |
| 2004/025 | *Impatiens* | hawkeri | Balceblico | | New Guinea Impatiens |
| 2002/211 | *Impatiens* | hawkeri | Balcebsafo | | New Guinea Impatiens |
| 2004/027 | *Impatiens* | hawkeri | Balcebpurs | | New Guinea Impatiens |
| 2003/005 | *Verbena* | xhybrida | Balazsilma | | Verbena |
| 2001/361 | *Verbena* | xhybrida | Balazplum | | Verbena |
| 2003/009 | *Verbena* | xhybrida | Balazdapi | | verbena |
| 2004/174 | *Verbena* | *xhybrida* | Balazwhit | | Garden Verbena |
| 2003/010 | *Verbena* | xhybrida | Balazrasp | | Verbena |
| 1998/135 | *Syzygium* | paniculatum | Little Lil | | Lily Pily |
| 1999/362 | *Paspalum* | nicorae | Blue Eve | | Brunswick grass |
| 2003/215 | *Impatiens* | *walleriana* | Balolespur | | Busy Lizzie |
| 2005/129 | *Telopea* | hybrid | Champagne | | Waratah |
| 2005/136 | *Osteospermum* | *ecklonis* | Balserpurp | | Cape Daisy |
| 2008/191 | *Impatiens* | *walleriana* | Balolespri | | Busy Lizzie |
| 1994/164 | *Prunus* | *persica var. nucipersica* | Arctic Queen | | Nectarine |
| 1989/030 | *Prunus* | *persica* | June Crest | | Peach |
| 2011/081 | *Alstroemeria* | *hybrid* | Konshakira | | Peruvian Lily |
| 2013/006 | *Rubus* | *subgenus Rubus* | DrisBlackFour | | Hybrid Blackberry |
| 2006/179 | *Prunus* | *avium* | Symphony | 13S-25-25 | Sweet Cherry |
| 1994/088 | *Rosa* | *hybrid* | Korpinka | Summer Fairy tale | Rose |
| 1994/094 | *Rosa* | *hybrid* | Korschwama | Black Madonna | Rose |
| 1999/121 | *Solanum* | *tuberosum* | Victoria | | Solanum |
| 1996/196 | *Solanum* | *tuberosum* | Symfonia | | Solanum |
| 2002/266 | *Ozothamnus* | *diosmifolius* | Just Blush | | Riceflower |
| 2004/135 | *Cynara* | *scolymus* | Menuet | | Globe Artichoke |
| 2004/250 | *Phormium* | *tenax* | PHORD1 | | New Zealand Flax |
| 2004/335 | *Alstroemeria* | *hybrid* | Zaprijul | Julietta | Peruvian Lily |
| 2006/021 | *Agaricus* | *bisporus* | J9277 | Velocity | Button Mushroom |
| 2006/221 | *Cordyline* | *obtecta* | Falcon | | Cabbage Tree |
| 2009/028 | *Geranium* | *hybrid* | PurplePassion | | Geranium |
| 2003/080 | *Pittosporum* | *tenuifolium* | EMERALDSTAR | | Pittosporum |
| 2008/223 | *Coprosma* | *repens* | Pina Colada | | Mirror Plant |
| 1999/133 | *Malus* | *domestica* | Joburn | | Apple |

# Transfer of Rights

| App. No. | *Genus* | *Species* | Variety | Common Name | Changed From | Changed To |
|---|---|---|---|---|---|---|
| 2012/195 | *Dianella* | *caerulea* | DC3000 | Blue Flax-Lily | David Charlton | Provincial Plants IP Trust |
| 2011/036 | *Dianella* | *caerulea* | DC1000 | Blue Flax-Lily | David Charlton | Provincial Plants IP Trust |
| 2011/037 | *Dianella* | *caerulea* | DC2100 | Blue Flax-Lily | David Charlton | Provincial Plants IP Trust |
| 2011/038 | *Dianella* | *caerulea* | DC4000 | Blue Flax-Lily | David Charlton | Provincial Plants IP Trust |
| 2011/039 | *Dianella* | *caerulea* | DC6000 | Blue Flax-Lily | David Charlton | Provincial Plants IP Trust |
| 2012/196 | *Dianella* | *revoluta* | DR002 | Spreading Flax-Lily | David Charlton | Provincial Plants IP Trust |
| 2012/197 | *Dianella* | *revoluta* | DR003 | Spreading Flax-Lily | David Charlton | Provincial Plants IP Trust |
| 2008/315 | *Dianella* | *tasmanica* | DT5001 | Flax Lily | David Charlton | Provincial Plants IP Trust |
| 2008/126 | *Lomandra* | *longifolia* | LI164 | Spiny Headed Mat Rush | David Charlton | Provincial Plants IP Trust |
| 2008/313 | *Lomandra* | *longifolia* | LI264 | Spiny Headed Mat Rush | David Charlton | Provincial Plants IP Trust |
| 2008/314 | *Lomandra* | *longifolia* | LI36 | Spiny Headed Mat Rush | David Charlton | Provincial Plants IP Trust |
| 2009/072 | *Lomandra* | *longifolia* | *LI464* | Spiny Headed Mat Rush | David Charlton | Provincial Plants IP Trust |
| 2012/081 | *Saccharum* | *hybrid* | Q251 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2012/080 | *Saccharum* | *hybrid* | Q250 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2012/078 | *Saccharum* | *hybrid* | Q249 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2011/170 | *Saccharum* | *hybrid* | Q247 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |

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|---|---|---|---|---|---|---|
| 2011/169 | *Saccharum* | *hybrid* | Q246 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2011/168 | *Saccharum* | *hybrid* | Q245 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2011/166 | *Saccharum* | *hybrid* | Q244 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1995/283 | *Saccharum* | *hybrid* | Q163 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1995/277 | *Saccharum* | *hybrid* | Q165 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1995/281 | *Saccharum* | *hybrid* | Q166 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1995/278 | *Saccharum* | *hybrid* | Q167 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1997/047 | *Saccharum* | *hybrid* | Q168 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1997/048 | *Saccharum* | *hybrid* | Q169 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1995/275 | *Saccharum* | *hybrid* | Q170 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1995/280 | *Saccharum* | *hybrid* | Q171 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1995/279 | *Saccharum* | *hybrid* | Q172 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |

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|---|---|---|---|---|---|---|
| 1998/108 | *Saccharum* | *hybrid* | Q173 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1995/282 | *Saccharum* | *hybrid* | Q174 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1998/107 | *Saccharum* | *hybrid* | Q175 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1999/137 | *Saccharum* | *hybrid* | Q176 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1999/138 | *Saccharum* | *hybrid* | Q177 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1999/192 | *Saccharum* | *hybrid* | Q178 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1999/193 | *Saccharum* | *hybrid* | Q179 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1999/139 | *Saccharum* | *hybrid* | Q180 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1999/194 | *Saccharum* | *hybrid* | Q181 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 1999/195 | *Saccharum* | *hybrid* | Q182 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/182 | *Saccharum* | *hybrid* | Q183 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/183 | *Saccharum* | *hybrid* | Q184 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |

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|---|---|---|---|---|---|---|
| 1999/196 | *Saccharum* | *hybrid* | Q185 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2005/351 | *Saccharum* | *hybrid* | KQ228 | Sugarcane | BSES Limited and CSR Ltd | Sugar Research Australia Limited (SRA), CSR Ltd |
| 2008/195 | *Saccharum* | *hybrid* | KQ236 | Sugarcane | BSES Limited and CSR Ltd | Sugar Research Australia Limited (SRA), CSR Ltd |
| 2008/194 | *Saccharum* | *hybrid* | MQ239 | Sugarcane | BSES Limited and CSR Ltd | Sugar Research Australia Limited (SRA), CSR Ltd |
| 2000/184 | *Saccharum* | *hybrid* | Q186 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/185 | *Saccharum* | *hybrid* | Q187 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/186 | *Saccharum* | *hybrid* | Q188 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/187 | *Saccharum* | *hybrid* | Q189 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/190 | *Saccharum* | *hybrid* | Q190 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/189 | *Saccharum* | *hybrid* | Q191 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/188 | *Saccharum* | *hybrid* | Q192 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |

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|---|---|---|---|---|---|---|
| 2002/141 | *Saccharum* | *hybrid* | Q193 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/180 | *Saccharum* | *hybrid* | Q194 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2000/181 | *Saccharum* | *hybrid* | Q195 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2002/025 | *Saccharum* | *hybrid* | Q196 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2002/026 | *Saccharum* | *hybrid* | Q197 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2002/027 | *Saccharum* | *hybrid* | Q198 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2002/028 | *Saccharum* | *hybrid* | Q199 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2002/029 | *Saccharum* | *hybrid* | Q200 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2002/030 | *Saccharum* | *hybrid* | Q201 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2003/098 | *Saccharum* | *hybrid* | Q202 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2002/142 | *Saccharum* | *hybrid* | Q203 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2003/097 | *Saccharum* | *hybrid* | Q204 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |

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|---|---|---|---|---|---|---|
| 2002/143 | *Saccharum* | *hybrid* | Q205 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2002/144 | *Saccharum* | *hybrid* | Q206 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2002/145 | *Saccharum* | *hybrid* | Q207 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2003/089 | *Saccharum* | *hybrid* | Q208 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2003/096 | *Saccharum* | *hybrid* | Q209 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2003/101 | *Saccharum* | *hybrid* | Q210 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2003/100 | *Saccharum* | *hybrid* | Q211 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2004/242 | *Saccharum* | *hybrid* | Q212 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2003/099 | *Saccharum* | *hybrid* | Q213 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2004/244 | *Saccharum* | *hybrid* | Q215 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2003/102 | *Saccharum* | *hybrid* | Q216 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2004/245 | *Saccharum* | *hybrid* | Q217 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |

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|---|---|---|---|---|---|---|
| 2004/246 | *Saccharum* | *hybrid* | Q218 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2004/247 | *Saccharum* | *hybrid* | Q219 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2005/190 | *Saccharum* | *hybrid* | Q220 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2005/189 | *Saccharum* | *hybrid* | Q221 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2005/191 | *Saccharum* | *hybrid* | Q222 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2005/192 | *Saccharum* | *hybrid* | Q223 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2005/193 | *Saccharum* | *hybrid* | Q224 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2006/184 | *Saccharum* | *hybrid* | Q226 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2006/185 | *Saccharum* | *hybrid* | Q227 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2006/186 | *Saccharum* | *hybrid* | Q229 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2006/187 | *Saccharum* | *hybrid* | Q230 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2006/188 | *Saccharum* | *hybrid* | Q231 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |

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|---|---|---|---|---|---|---|
| 2007/218 | *Saccharum* | *hybrid* | Q232 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2007/219 | *Saccharum* | *hybrid* | Q233 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2007/220 | *Saccharum* | *hybrid* | Q234 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2007/223 | *Saccharum* | *hybrid* | Q235 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2008/196 | *Saccharum* | *hybrid* | Q237 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2009/084 | *Saccharum* | *hybrid* | Q238 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2009/083 | *Saccharum* | *hybrid* | Q240 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2009/187 | *Saccharum* | *hybrid* | Q241 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2010/203 | *Saccharum* | *hybrid* | Q242 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2010/204 | *Saccharum* | *hybrid* | Q243 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |
| 2011/171 | *Saccharum* | *hybrid* | Q248 | Sugarcane | BSES Limited | Sugar Research Australia Limited (SRA) |

# CORRIGENDA

KANGAROO PAW
*Anigozanthos* hybrid

**'Rambodiam'**
Application No: 2008/118

The synonym Bush Diamond has been removed from the acceptance list (PVJ 21.4 pp. 22) and the published detailed description (PVJ 25.2 pp.131) because the synonym was inadvertently included in the application.

EUCALYPT
*Eucalyptus ptychocapra* x *Eucalyptus ficifolia*

**'Summer Beauty'**
Application No: 1995/035
Certificate No: 705

**'Summer Red'**
Application No: 1995/224
Certificate No: 706

The PBR grant expiry dates for *Eucalyptus* 'Summer Beauty' and 'Summer Red' published in PVJ 9.4 pp. 55 should be 20 December 2021.

NECTARINE
*Prunus persica var. nucipersica*

**'Zee Fire'**
Application No: 2003/370

The following are the observations made at Yellingbo, VIC in addition to the published description in PVJ 19(1) to claim distinctness of 'Zee Fire' from its comparator 'Earliglo'.

**Conditions:** The observations were made on 8 trees of both the candidate and comparator varieties grown under standard commercial horticultural growing conditions for Peaches/Nectarines at Yellingbo, VIC. (GPS co-ordinates: -37.870178,145.57472 at an altitude of 200m) during the winter of 2013. Both the candidate and the comparator were budded on to the commercial rootstock 'Nemaguard'. Observations made on 5 year old trees. The trees were 2 m apart within rows and 4 m between rows. Tree sizes uniform.

**Observations:** The flowering observations were made periodically in the month of July 2013 on 8 trees of each of the variety. A count of open flowers was also made on branches of trees and days to 50% flowering were noted. The mean days from the 2013 Winter Solstice is recorded.

The following data shows the date when 50% bloom was observed.

Comparative table

| **Character** | **'Zee Fire'** | **'Earliglo'** |
|---|---|---|
| Date of 50%bloom (mean of 8 trees) | 30 July 2013 | 23 July 2013 |
| Days to 50% bloom from winter solstice | 39 | 32 |
| Estimated chilling requirement (hrs) | 250 | 200 |

**NB. The weather conditions at Yellingbo are similar to Coldstream, VIC**.

The distinctness of 'Zee Fire' from 'Earliglo' is claimed based on the information presented above.

STRAWBERRY
*Fragaria* x *ananassa*

Application No: 2010/184

The claim of distinctness on fruit: position of calyx attachment and fruit: diameter of calyx in relation to diameter of fruits have been removed from the published description (PVJ 25.3) because these distinctness were inadvertently published.

Australian Government
IP Australia

## Part 3 Appendices

The appendices to *Plant Varieties Journal* **(Vol. 26 Issue 3)** are listed below:


- Home
- Appendix 1 - Fees
- Appendix 2 - Plant Breeder's Rights Advisory Committee
- Appendix 3 - Index of Accredited Consultant 'Qualified Persons'
- Appendix 4 - Index of Accredited Non-Consultant 'Qualified Persons'
- Appendix 5 - Addresses of UPOV and Member States
- Appendix 6 - Centralised Testing Centres
- Appendix 7 - List of Plant Classes for Denomination Purposes
- Appendix 8 - Register of Plant Varieties

## Appendix -1 –Fees

This page sets out the PBR fees associated with applications, examination, certificates, annual and Qualified Person accreditation fees. Please note upcoming changes to fees. For more information please read our news article on the Fee Review Update.

PBR fees are subject to change. GST does not apply to these statutory fees under Division 81 of the *GST Act 1999*.

### New Application

The Application Fee must accompany the Part 1 application at the time of lodgement. It covers an initial 'examination for acceptance', the issue of a letter of acceptance and provisional protection.

| **Fee Item/Action** | **from 1 October 2012 Fee** | |
|---|---|---|
| | Approved Means | By Another Means |
| PBR Application | $345 | $445 |

### Examination

Applicants have twelve months from the date of acceptance to pay the Lodgement of the Detailed Description Fee (commonly referred to as the “Examination Fee”). 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.

The “Examination Fee” pays for the assessment of the description, the publication of the description and photograph of the new variety in Plant Varieties Journal, the field examination (if any), and any other enquiries necessary to establish eligibility for PBR. examination of the application, including field examination and publication of the description and photograph, will not commence until the Examination Fee has been received.

After the description has been published, successful applicants will be asked to pay the Certificate Fee. This covers the final examination of all details, the production of a certificate and copy of the variety’s description in the PBR Register.

| **Fee Item/Action** | **from 1 July 2012 Fee** |
|---|---|
| Examination - Single Application | $1610 |
| Examination - Application based on overseas test data | $1610 |

| | |
|---|---|
| Examination - multiple application rate applicable only when 2 or more varieties of the same species tested at the same site in Australia and when applications and descriptions are lodged simultaneously by the same applicant and QP and examined simultaneously (fee for each variety) | $1380 |
| Examination - at an authorised Centralised Testing Centre when 5 or more candidate varieties of the same genus are tested simultaneously (fee for each variety) | $920 |
| | |
| Certificate | $345 |

**Annual Fee**

An Annual Maintenance Fee (sometimes called the Annual or Renewal Fee) is payable each year on the anniversary of the granting of the right. The Annual Maintenance Fee must be paid to maintain the grant.

| **Fee Item/Action** | **from 1 July 2012 Fee** | |
|---|---|---|
| | Approved Means | By Another Means |
| Annual Fee | $345 | $395 |

**Qualified Person**

| **Fee Item/Action** | **from 1 July 2012 Fee** |
|---|---|
| Application for Accreditation as a Qualified Person | $50 |
| Renewal of Qualified Person Accreditation (each year) | $50 |

## Appendix 2

## Plant Breeder's Rights Advisory Committee (PBRAC)

(PBRAC is established by section 63 of *Plant Breeder's Rights Act 1994*)

**Chair**

Mr Doug Waterhouse

**Member with Appropriate Qualifications**

Professor Andrew Christie

**Member Representing Plant Breeders**

Mr Grant Wilson

**Member Representing Users**

Ms Helen Dalton

**Member Representing Conservation Interests**

Ms Marnie Ireland

**Member Representing Plant Breeders**

Mr Christopher Prescott

**Member Representing Consumers**

Mr Mark McKay

**Member Representing Indigenous Interests**

Appointment process currently underway

**Member with Appropriate Qualifications**

Dr Roslyn Prinsley

**Secretary**

Mr Yohan Ramasundara

Contact details for the secretariat:

IP Australia
PO Box 200
WODEN ACT 2606

Ph: 02 6283 2119
Fax: 02 6285 1048
Email: pbrac@ipaustralia.gov.au

## 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<br>Paananen, Ian<br>Richards, Graeme |
| Agapanthus | Paananen, Ian |
| Almonds | Cottrell, Matthew<br>Granger, Andrew<br>Pettigrew, Stuart<br>Swinburn, Garth |
| Alstroemeria | Paananen, Ian |
| Ajuga | Paananen, Ian |

| | |
|---|---|
| Apple | Buchanan, Peter<br>Cramond, Gregory<br>Darmody, Liz<br>Engel, Richard<br>Fleming, Graham<br>Langford, Garry<br>Mackay, Alastair<br>Malone, Michael<br>Mitchell, Leslie<br>Paananen, Ian<br>Pettigrew, Stuart<br>Portman, Anthony<br>Tancred, Stephen<br>Valentine, Bruce |
| Anigozanthos | Paananen, Ian<br>Kirby, Greg<br>Smith, Daniel |
| Anthurium | Paananen, Ian |
| Aroid | Harrison, Peter |
| Avocado | Cottrell, Matthew<br>Lye, Colin<br>Edwards, Arthur<br>MacGregor, Alison<br>Owen-Turner, John<br>Parr, Wayne<br>Swinburn, Garth<br>Whiley, Tony |
| Azalea | Barrett, Mike<br>Hempel, Maciej<br>Paananen, Ian |
| Barley (Common) | Collins, David<br>Downes, Ross<br>Rhodes, Phil<br>Rogers, Clinton<br>Saunders, James |
| Berry Fruit | Brevis-Acuna, Patricio<br>Darmody, Liz<br>Fleming, Graham<br>Pettigrew, Stuart<br>Zorin, Margaret |
| Blackberry | Brevis-Acuna, Patricio<br>Paananen, Ian |
| Blandfordia | Treverrow, Florence |
| Blueberry | Brevis-Acuna, Patricio<br>Paananen, Ian<br>Scalzo, Jessica<br>Zorin, Margaret |
| Boronia | Umaretiya, Praful |

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

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

| | |
|---|---|
| Clover | Bannan, Nathaniel<br>Downes, Ross<br>James, Jennifer<br>Johnston, Evan<br>Lake, Andrew<br>Lin, Joy<br>Mitchell, Leslie<br>Nichols, Phillip<br>Porter, Richard<br>Rhodes, Phil<br>Saunders, James<br>Watson, Brigid |
| Cucurbits | Herrington, Mark<br>O'Connell Peter<br>Paananen, Ian<br>Rhodes, Phil<br>Sykes, Stephen |
| Dianella | Paananen, Ian |
| Dogwood | Darmody, Liz<br>Fleming, Graham |
| Echinacea | Paananen, Ian |
| Eremophila | Parsons, Rodney |
| Eucalyptus | Paananen, Ian |
| Euphorbia | Paananen, Ian |
| Feijoa | Parr, Wayne |
| Fibre Crops | Gillespie, David |
| Fig | Cottrell, Matthew<br>Darmody, Liz<br>Fleming, Graham<br>Parr, Wayne |
| Flower Bulbs | Verdegaal, John |
| Forage Brassicas | Goulden, David<br>Rhodes, Phil<br>Saunders, James |
| Forage Grasses | Bannan, Nathaniel<br>Downes, Ross<br>Fennell, John<br>Harrison, Peter<br>Johnston, Evan<br>Kirby, Greg<br>Mitchell, Leslie<br>Rhodes, Phil<br>Smith, Kevin<br>Watson, Brigid |

| | |
|---|---|
| Forage Legumes | Downes, Ross<br>Fennell, John<br>Foster, Kevin<br>Harrison, Peter<br>Hill, Jeff<br>James, Jennifer<br>Lake, Andrew<br>Lin, Joy<br>Porter, Richard<br>Rhodes, Phil<br>Saunders, James<br>Siedel, John |
| Fruit | Brown, Gordon<br>Cramond, Gregory<br>Cottrell, Matthew<br>Darmody, Liz<br>Delaporte, Kate<br>Fleming, Graham<br>Gillespie, David<br>Granger, Andrew<br>Kennedy, Peter<br>Lenoir, Roland<br>McCarthy, Alec<br>Mitchell, Leslie<br>Paananen, Ian<br>Parr, Wayne<br>Pettigrew, Stuart<br>Pumpa, Lucy<br>Schapel, Amanda<br>Trimboli, Dan |
| Fuchsia | Paananen, Ian |
| Gerbera | Paananen, Ian |
| Ginger | Smith, Mike<br>Whiley, Tony |
| Grape | Burne, Peter<br>Cottrell, Matthew<br>Darmody, Liz<br>Delaporte, Kate<br>Farquhar, Wayne<br>Fleming, Graham<br>Lye, Colin<br>MacGregor, Alison<br>Mitchell, Leslie<br>Paananen, Ian<br>Parr, Wayne<br>Pettigrew, Stuart<br>Porter, Richard<br>Pumpa, Lucy<br>Schapel, Amanda<br>Smith, Daniel<br>Swinburn, Garth<br>Sykes, Stephen<br>Valentine, Bruce |

| | |
|---|---|
| Grevillea | Dunstone, Bob<br>Herrington, Mark<br>Paananen, Ian<br>Parsons, Rodney<br>Umaretiya, Praful |
| Gypsophila | Paananen, Ian |
| Hardenbergia | Dunstone, Bob |
| Hops | Paananen, Ian |
| Hydrangea | Hanger, Brian<br>Paananen, Ian |
| Impatiens | Paananen, Ian |
| Jojoba | Dunstone, Bob |
| Kalanchoe | Paananen, Ian |
| Lavender | Paananen, Ian |
| Legumes | Aberdeen, Ian<br>Collins, David<br>Cook, Bruce<br>Cruickshank, Alan<br>Downes, Ross<br>Foster, Kevin<br>Harrison, Peter<br>Kadkol, Gururaj<br>Kirby, Greg<br>Lake, Andrew<br>Loch, Don<br>Mitchell, Leslie<br>Rhodes, Phil<br>Rose, John<br>Saunders, James<br>Siedel, John |
| Lentils | Collins, David<br>Downes, Ross<br>Goulden, David<br>Porter, Richard<br>Rhodes, Phil<br>Saunders, James |
| Lilium | Paananen, Ian |
| Liriope | Paananen, Ian |
| Lettuce | O'Connell, Peter |
| Lomandra | Paananen, Ian |

| | |
|---|---|
| Lucerne | Bannan, Nathaniel<br>Downes, Ross<br>Johnston, Evan<br>Lake, Andrew<br>Mitchell, Leslie<br>Nichols, Phillip<br>Porter, Richard<br>Rhodes, Phil<br>Saunders, James |
| Lupin | Collins, David<br>Sanders, Milton<br>Rhodes, Phil<br>Saunders, James |
| Macadamia | Hockings, David |
| Magnolia | Paananen, Ian |
| Mandevilla | Paananen, Ian |
| Mango | Lye, Colin<br>Owen-Turner, John<br>Mitchell, Leslie<br>Parr, Wayne<br>Whiley, Tony |
| Mushrooms, edible | Wong, Percy |
| Myrtaceae | Dunstone, Bob |
| Myrtus | Buchanan, Peter |
| Native grasses | Paananen, Ian<br>Quinn, Patrick |
| Oat | Collins, David<br>Downes, Ross<br>Rhodes, Phil<br>Rogers, Clinton<br>Saunders, James |
| Oilseed crops | Downes, Ross<br>Oates, John<br>Poulsen, David<br>Siedel, John<br>Rhodes, Phil<br>Saunders, James |
| Olives | Bazzani, Mr Luigi<br>Granger, Andrew<br>Lunghusen, Mark<br>Pettigrew, Stuart |
| Onions | Bannan, Nathaniel<br>Fennell, John<br>Laker, Richard<br>O'Connell Peter<br>Rhodes, Phil |

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

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

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

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

| | |
|---|---|
| Pulse Crops | Collins, David<br>Downes, Ross<br>Graetz, Darren<br>Oates, John<br>Porter, Richard<br>Poulsen, David<br>Rhodes, Phil<br>Saunders, James |
| Raspberry | Brevis-Acuna, Patricio<br>Darmody, Liz<br>Fleming, Graham<br>Herrington, Mark<br>Zorin, Margaret |
| Rhododendron | Barrett, Mike<br>Paananen, Ian |
| Rose | Barrett, Mike<br>Darmody, Liz<br>Delaporte, Kate<br>Fleming, Graham<br>Hanger, Brian<br>Lee, Peter<br>McKirdy, Simon<br>Paananen, Ian<br>Prescott, Chris<br>Pumpa, Lucy<br>Schapel, Amanda<br>Swane, Geoff<br>Syrus, A Kim |
| Scaevola | Paananen, Ian |
| Sesame | Bennett, Malcolm<br>Harrison, Peter |
| Soybean | Harrison, Peter<br>James, Andrew |
| Spathiphylum | Paananen, Ian |
| Stone Fruit | Barrett, Mike<br>Cottrell, Matthew<br>Cramond, Gregory<br>Darmody, Liz<br>Fleming, Graham<br>Granger, Andrew<br>Kennedy, Peter<br>MacGregor, Alison<br>Mackay, Alistair<br>Malone, Michael<br>Pettigrew, Stuart<br>Swinburn, Garth<br>Valentine, Bruce |

| | |
|---|---|
| Strawberry | Brevis-Acuna, Patricio<br>Herrington, Mark<br>Kadkol, Gururaj<br>Mitchell, Leslie<br>Zorin, Margaret |
| Sugarcane | Cox, Mike<br>Piperidis, George |
| Sunflower | George, Doug |
| Tomato | Herrington, Mark<br>Laker, Richard<br>O'Connell Peter<br>Rhodes, Phil |
| Tree Crops | Hockings, David<br>McRae, Tony |
| | Downes, Ross<br>Collins, David<br>Cooper, Kath<br>Rhodes, Phil<br>Saunders, James |
| Tropical/Sub-Tropical Crops | Fittler, Michael<br>Harrison, Peter<br>Hockings, David<br>Kulkarni, Vinod<br>Parr, Wayne<br>Whiley, Tony |
| Umbrella Tree | Paananen, Ian |
| Vegetables | Bannan, Nathaniel<br>Delaporte, Kate<br>Fennell, John<br>Frkovic, Edward<br>Gillespie, David<br>Harrison, Peter<br>Laker, Richard<br>Lenoir, Roland<br>MacGregor, Alison<br>Morley, Ken<br>Oates, John<br>O'Connor, Lauren<br>Pearson, Craig<br>Pettigrew, Stuart<br>Pumpa, Lucy<br>Rhodes, Phil<br>Schapel, Amanda<br>Trimboli, Dan<br>Westra Van Holthe, Jan |
| Verbena | Paananen, Ian |
| Walnut | Cottrell, Matthew<br>Mitchell, Leslie |

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|---|---|
| Wheat (Aestivum & Durum Groups) | Collins, David<br>Downes, Ross<br>Fittler, Michael<br>Kadkol, Gururaj<br>Rhodes, Phil<br>Rogers, Clinton<br>Saunders, James<br>Sanders, Milton |
| Zantedeschia | Paananen, Ian |

TABLE 2

| NAME | TELEPHONE | AREA OF OPERATION |
|---|---|---|
| Abell, Peter | 0438 392 837 mobile | Australia |
| Aberdeen, Ian | 03 5782 1029<br>03 5782 2073 fax | SE Australia |
| Allen, Paul | 07 3824 0263 ph/fax | SE QLD, Northern NSW |
| Anderson, Malcolm | 03 5573 0900<br>03 5571 1523 fax<br>017 870 252 mobile | Victoria |
| Angus, Tim | (64 4) 568 3878 ph/fax<br>001164211871076 mobile<br>plantatim@zip.co.nz | Australia and New Zealand |
| Armitage, Paul | 03 9756 7233<br>03 9756 6948 fax | Victoria |
| Avery, Angela | 02 6030 4500<br>02 6030 4600 fax | South Eastern Australia |
| Bannan, Nathaniel | 03 8318 9019<br>03 8318 9002 fax<br>0429 720 013 mobile | Australia |
| Barrett, Mike | 02 9875 3087<br>02 9980 1662 fax<br>0407 062 494 mobile | NSW/ACT |
| Barth, Gail | 08 8389 7479 | SA and Victoria |
| Bazzani, Luigi | 08 9772 1207<br>08 9772 1333 fax | Western Australia |
| Bennett, Malcolm | 08 8973 9733<br>08 8973 9777 fax | NT, QLD, NSW, WA |
| Brevis-Acuna, Patricio | 0400 446 588 mobile | Yarra Valley/Melbourne area, Victoria |
| Brown, Gordon | 03 6239 6411<br>03 6239 6711 fax | Tasmania |
| Buchanan, Peter | 07 4615 2182<br>07 4615 2183 fax | Eastern Australia |
| Burne, Peter | 08 8582 0338 ph<br>08 8583 2104 fax<br>0418 834 102 mobile | South Australia |
| Calabria, Patrick | 02 6963 6360<br>0438 636 219 mobile | Riverina area of NSW |
| Chequer, Robert | 03 5382 1269<br>0419 145 262 mobile | Victoria |
| Collins, David | 08 9623 2343 ph/fax<br>0154 42694 mobile | Central Western Wheat belt of Western Australia |
| Cooper, Kath | 08 8339 3049<br>0429 191 848 mobile | South Australia |
| Cottrell, Matthew | 03 5024 8603<br>0438 594010 mobile | Australia |
| Cox, Mike | 07 4132 5200<br>07 4132 5253 fax | Queensland and NSW |
| Cramond, Gregory | 08 8390 0299<br>08 8390 0033 fax<br>0417 842 558 mobile | Australia |
| Cruickshank, Alan | 07 4160 0722<br>07 4162 3238 fax | QLD |
| Cunneen, Thomas | 02 4889 8647<br>02 4889 8657 fax | Sydney Region |
| Darmody, Liz | 03 9756 6105<br>03 9752 0005 fax | Australia |

| | | |
|---|---|---|
| Delaporte, Kate | 08 8373 2488<br>08 8373 2442 fax<br>0427 394 240 mobile | South Australia |
| Downes, Ross | 02 4474 0456 ph<br>02 4474 0476 fax<br>0402472601 mobile | ACT, South East Australia |
| Dunstone, Bob | 02 6281 1754 ph/fax | South East NSW |
| Easton, Andrew | 07 4690 2666<br>07 4630 1063 fax | QLD and NSW |
| Edwards, Arthur | 08 8586 1232<br>08 8595 1394 fax<br>0409 609 300 mobile | SE Australia |
| Eggleton, Steve | 03 9876 1097<br>03 9876 1696 fax | Melbourne Region |
| Engel, Richard | 08 9397 5941<br>08 9397 5941 fax | WA |
| Fennell, John | 08 8369 8840<br>08 8389 8899 fax<br>0401 121 891 mobile | Australia |
| Farquhar, Wayne | 08 85657000<br>08 85657011 fax | South Australia |
| Fittler, Michael | 02 6773 2522<br>02 6773 3238 | NSW |
| Fleming, Graham | 03 9756 6105<br>03 9752 0005 fax | Australia |
| Friemond, Terry | 08 9203 6720<br>08 9203 6720 fax<br>0438 915 811 mobile | Western Australia |
| Foster, Kevin | 08 9368 3804<br>08 9474 2840 fax | Mediterranean areas of Australia |
| Frkovic, Edward | 02 6962 7333<br>02 6964 1311 fax | Australia |
| George, Doug | 07 5460 1308<br>07 5460 1112 fax | Australia |
| Gillespie, David | 07 4155 6344<br>07 4155 6656 fax | Wide Bay Burnett District, QLD |
| Gororo, Nelson | 03 5382 5911<br>03 5382 5755 fax<br>0428 534 770 mobile | Mediterranean areas of Australia |
| Goulden, David | 64 3 325 6400<br>64 3 325 2074 fax | New Zealand |
| Graetz, Darren | 08 8303 9362<br>08 8303 9424 fax | South Australia |
| Granger, Andrew | 08 8389 8809<br>08 8389 8899 fax | South Australia |
| Guertsen, Paul | 02 6845 3789<br>02 6845 3382 fax<br>0407 658 105 mobile | NSW, VIC, SE QLD |
| Hanger, Brian | 03 9837 5547 ph/fax<br>0418 598106 mobile | Victoria |
| Hare, Ray | 02 6763 1232<br>02 6763 1222 fax | QLD, NSW VIC & SA |
| Harrison, Dion | 07 5460 1313<br>07 5460 1283 fax | south east QLD and northern NSW |
| Harrison, Peter | 08 8948 1894 ph<br>08 8948 3894 fax<br>0407 034 083 mobile | Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas |
| Hempel, Maciej | 02 4628 0376<br>02 4625 2293 fax | NSW, QLD, VIC, SA |

| | | |
|---|---|---|
| Henry, Robert J | 02 6620 3010<br>02 6622 2080 fax | Australia |
| Herrington, Mark | 07 5441 2211<br>07 5441 2235 fax | Southern Queensland |
| Hill, Jeff | 08 8303 9487<br>08 8303 9607 fax | South Australia |
| Hill, Jim | 03 6428 2519<br>03 6428 2049 fax<br>0428 262 765 mobile | Australia |
| Hockings, David | 07 5494 3385 ph/fax | Southern Queensland |
| Iredell, Janet Willa | 07 3202 6351 ph/fax | SE Queensland |
| Jack, Brian | 08 9952 5040<br>08 9952 5053 fax | South West WA |
| James, Andrew | 07 3214 2278<br>07 3214 2272 fax | Australia |
| James, Jennifer | +64 6 3518214 | Manawatu Region, New Zealand |
| Johnston, Evan | 64 3358 1745<br>0214 417 13 mobile | Canterbury, New Zealand |
| Johnston, Margaret | 07 5460 1240<br>07 5460 1455 fax | SE Queensland |
| Kadkol, Gururaj | 03 5381 1396<br>0459 122 542 mobile | North Western Victoria |
| Kennedy, Peter | 02 6382 7600<br>02 6382 2228 fax | New South Wales |
| Kirby, Greg | 08 8201 2176<br>08 8201 3015 fax | South Australia |
| Kirby, Neil | 02 4754 2637<br>02 4754 2640 fax | New South Wales |
| Kulkarni, Vinod | 08 8945 2942<br>0412 681 800 mobile | Australia |
| Lake, Andrew | 08 8177 0558<br>0418 818 798 mobile<br>lake@arcom.com.au | SE Australia |
| Laker, Richard | 08 87258987<br>08 8723 0142 fax<br>0417 855 592 mobile | Australia |
| Lamont, Greg | 02 8778 5388<br>02 9734 9866 fax | Sydney region |
| Langford, Garry | 03 6266 4344<br>03 6266 4023 fax<br>0418 312 910 mobile | Australia |
| Larkman, Clive | 03 9735 3831<br>03 9739 6370<br>larkman@tpgi.com.au | Victoria |
| Lee, Peter | 03 6330 1147<br>03 6330 1927 fax | SE Australia |
| Lee, Slade | 0419 474 251 mobile | Queensland/Northern New South Wales |
| Lenoir, Roland | 02 6231 9063 ph/fax | Australia |
| Light, Kate | 03 5362 2175<br>0419 145 768 mobile | Victoria |
| Lin, Joy | 64 6351 8214 | New Zealand |
| Loch, Don | 07 3286 1488<br>07 3286 3094 fax | Queensland |
| Lowe, Greg | 02 4389 8750<br>02 4389 4958 fax<br>0411 327390 mobile | Sydney, Central Coast NSW |

| | | |
|---|---|---|
| Lunghusen, Mark | 03 5998 2083<br>03 5998 2089fax<br>0407 050 133 mobile | Melbourne & environs |
| Lye, Colin | 07 4671 0044<br>07 4671 0066 fax<br>0427 786 668 mobile | NT, QLD and NSW |
| MacGregor, Alison | 03 5023 4644<br>0419 229 713 mobile | Southern Australia – Murray Valley Region |
| Mackay, Alastair | 08 9310 5342 ph/fax<br>0159 87221 mobile | Western Australia |
| Mackinnon, Amanda | 03 6265 9050<br>03 6265 9919 fax | Australia |
| McMaugh, Peter | 02 9872 7833<br>02 9872 7855 fax | Australia |
| Malone, Michael | +64 6 877 8196<br>+64 6 877 4761 fax | New Zealand |
| Marcsik, Doris | 08 8999 2017<br>08 8999 2049 | Northern Territory and Queensland |
| McCarthy, Alec | 08 9780 6273<br>08 9780 6136 fax | South West WA |
| McKay, Stewart | 03 6428 2519<br>0438 247 978 | North West Tasmania |
| McKirdy, Simon | 042 163 8229 mobile | Australia |
| McRae, Tony | 08 8723 0688<br>08 8723 0660 fax | Australia |
| Milne, Carolynn | 07 3206 3509 | QLD |
| Mitchell, Hamish | 03 9737 9568<br>03 9737 9899 fax | Victoria |
| Mitchell, Leslie | 03 5821 2021<br>03 5831 1592 fax | VIC, Southern NSW |
| Molyneux, William | 03 5965 2011<br>03 5965 2033 fax | Victoria |
| Moore, Stephen | 02 6799 2230<br>02 6799 2239 fax | NSW |
| Morley, Ken | 08 8541 2802<br>08 8541 3108 fax<br>0429 081 318 | South Australia |
| Mouwen, Heidi | 07 4690 2666<br>07 4630 1063 | QLD, NSW |
| Neylan, John | 03 9886 6200<br>0413 620 256 mobile | VIC, NSW, SA |
| Nichols, Phillip | 08 9387 7442<br>08 9383 9907 fax | Western Australia |
| Oates, John | 02 6495 0712<br>0427 277 951 mobile | Eastern Australia |
| O'Brien, Shaun | 07 5442 3055<br>07 5442 3044 fax<br>0407 584 417 mobile | SE Queensland |
| O'Connell, Peter | 02 9403 0787<br>02 9402 6664 fax<br>0488 233 704 mobile | VIC, NSW, QLD |
| O'Connor, Lauren | 07 3359 3113<br>0418 510 480 mobile | Australia |
| Owen-Turner, John | 07 4129 5217<br>07 4129 5511 fax | Burnett region, Central Queensland region |
| Paananen, Ian | 02 4381 0051<br>02 8569 1896 fax<br>0412 826 589 mobile | Australia (based in Sydney) and New Zealand |

| | | |
|---|---|---|
| Parr, Wayne | 07 4129 4147<br>07 4129 4463 fax | QLD, Northern NSW |
| Pettigrew, Stuart | 08 8431 0689<br>0429 936 812 | South eastern Australia and southern Western Australia |
| Piperidis, George | 07 3331 3373<br>07 3871 0383 fax | QLD, Northern NSW |
| Porter, Richard | 08 8431 5396<br>08 8431 5396 fax<br>0413 270 670 mobile | Adelaide region, South Australia |
| Portman, Anthony | 08 9274 5355<br>08 9250 1859 fax | South-west Western Australia |
| Poulsen, David | 07 4661 2944<br>07 4661 5257 fax | SE QLD, Northern NSW |
| Prescott, Chris | 03 5998 5100<br>03 5998 5333<br>0417 340 558 mobile | Victoria |
| Prince, John | 07 5533 0211<br>07 5533 0488 fax | SE QLD |
| Pumpa, Lucy | 08 8373 2488<br>08 8373 2422 fax<br>0400 041 881 mobile | South Australia |
| Quinn, Patrick | 03 5427 0485 | SE Australia |
| Richards, Graeme | 02 4570 1358<br>02 4570 1314 fax<br>0405 178 211 mobile | Australia |
| Richards, Susanna | 03 5833 5235<br>03 5833 5299 fax<br>0429 674 606 mobile | SE Australia |
| Richardson, Clive | 03 51550255 | Victoria |
| Rhodes, Phil | 64 3322 5405<br>0211 862 422 mobile<br>phil@epr.co.nz | New Zealand |
| Roake, Jeremy | 02 9351 8830<br>02 9351 8875 fax | Sydney Region |
| Roche, Matthew | 0412 197 218 mobile | Queensland |
| Robb, John | 02 4376 1330<br>02 4376 1271 fax<br>0199 19252 mobile | Sydney, Central Coast NSW |
| Rogers, Clinton | 03 8318 9016<br>03 8318 9001 fax<br>0448 160 660 mobile | Australia |
| Rose, John | 07 4661 2944<br>07 4661 5257 fax | SE Queensland |
| Rudolph, Paul | 03 5381 2168<br>03 5381 1210 fax<br>0438 083 840 mobile | Victoria |
| Saunders, James | 03 8318 9016<br>03 8318 9002 fax<br>0408 037 801 mobile | Australia |
| Sanders, Milton | 08 9825 8087<br>08 9387 4388 fax<br>0427 031 951 mobile | Southern Australia: WA,Vic, NSW, SA |
| Sewell, James | 03 5334 7871<br>0403 546 811 mobile | Southern Australia |
| Scalzo, Jessica | +64 6975 8908<br>2122 689 08 mobile | New Zealand and Australia |
| Schapel, Amanda | 08 8373 2488<br>0408 344 843 mobile | South Australia |

| | | |
|---|---|---|
| Singh, Deo | 0418 880787 mobile<br>07 3207 5998 fax | Brisbane |
| Slater, Tony | 03 9210 9222<br>03 9800 3521 fax<br>0408 656 021 mobile | SE Australia |
| Smith, Kenneth | 02 4570 9069 | Australia |
| Smith, Kevin | 03 5573 0900<br>03 5571 1523 fax | SE Australia |
| Smith, Mike | 07 5444 9630 | SE Queensland |
| Smith, Stuart | 03 6336 5234<br>03 6334 4961 fax | SE Australia |
| Stewart, Angus | 02 4385 9788ph/fax<br>0419 632 123 mobile | Sydney, Gosford |
| Swane, Geoff | 02 6889 1545<br>02 6889 2533 fax<br>0419 841580 mobile | Central western NSW |
| Swinburn, Garth | 03 5023 4644<br>03 5023 5814 fax | Murray Valley Region - from Swan Hill (Vic) to Waikere (SA) |
| Sykes, Stephen | 03 5051 3100<br>03 5051 3111 fax | Victoria |
| Syrus, A Kim | 03 8556 2555<br>03 8556 2955 fax | Adelaide |
| Tan, Beng | 08 9266 7168<br>08 9266 2495 | Perth & environs |
| Tancred, Stephen | 07 4681 2931<br>07 4681 4274 fax<br>0157 62888 mobile | QLD, NSW |
| Treverrow, Florence | 02 6629 3359 | Australia |
| Trimboli, Dan | 02 6882 6433<br>0419 286376 mobile | Southern Australia |
| Topp, Bruce | 07 4681 1255<br>07 4681 1769 fax | SE QLD, Northern NSW |
| Umaretiya, Praful | 08 6201 7645<br>0432 190 099 mobile | Western Australia |
| Valentine, Bruce | 02 6361 3919<br>02 6361 3573 fax | New South Wales |
| Van der Staay, Rosemaree Anne | 03 6248 6863<br>03 6248 7402 fax | Tasmania |
| Verdegaal, John | 03 6458 3581<br>03 6458 3581 fax | Australia and New Zealand |
| Warner, Philip | 07 5499 9249 ph/fax<br>0412 162 003 mobile | Australia |
| Watkins, Phillip | 08 9537 1811<br>08 9537 3589 fax<br>0416 191 472 mobile | Perth Region |
| Watkinson, Andrew | 07 5445 6654<br>0409 065 266 mobile | Northern NSW and Southern QLD |
| Watson, Brigid | 03 5688 1058<br>0429 702 277 mobile | Victoria |
| Westra Van Holthe, Jan | 03 9706 3033<br>03 9706 3182 fax | Australia |
| Wharmby, Emma | 03 6428 2519<br>0400410779 | North west Tasmania |
| Whiley, Tony | 07 5441 5441 | QLD |
| Wilkes, Gregory | 02 4570 1358<br>02 4570 1314 fax<br>0418 642 359 mobile | Sydney region |
| Wilson, Frances | 64 3 318 8514<br>64 3 318 8549 fax | Canterbury, New Zealand |

| | | |
|---|---|---|
| Wilson, Graeme | 03 5957 1200<br>03 5957 1210 fax | SE Australia |
| Wong, Percy | 02 9036 7767 | Australia |
| Zadow, Diane | 03 5382 1269<br>03 5381 1210 fax<br>0419 145 763 mobile | Victoria |
| Zorin, Margaret | 07 3207 4306<br>0418 984 555 | Eastern Australia |

## Appendix 4 Index of Accredited Non-Consultant Qualified Persons

| Name |
|---|
| Archbald, Rachel |
| Aquilizan, Flaviano |
| Baelde, Arie |
| Baker, Grant |
| Bally, Ian |
| Bartley, Megan |
| Bennett, Nicholas |
| Bernuetz, Andrew |
| Berryman, Pamela |
| Birchall, Craig |
| Boorman, Des |
| Box, Amanda |
| Brewer, Lester |
| Brindley, Tony |
| Brown, Emma |
| Bunker, Kerry |
| Bunker, John |
| Burton, Wayne |
| Cameron, Nick |
| Cecil, Andrew |
| Chesher, Wayne |
| Chaudhury, Abdul |
| Clayton-Greene, Kevin |
| Constable, Greg |
| Cook, Esther |
| Corcoran, Lisa |
| Coventry, Stewart |
| Craig, Andrew |
| Culvenor, Richard |
| De Betue, Remco |
| de Koning, Carolyn |
| Downe, Graeme |
| Dutschke, Nathan |
| Eastwood, Russell |
| Eglinton, Jason |
| Elliott, Philip |
| Evans, Pedro |
| Eykamp, Donald |
| Eyles, Gary |
| Fitzgibbon, John |
| Flett, Peter |
| Geary, Judith |
| Gibbons, Philip |
| Glover, Russell |
| Graetz, Darren |
| Gurciullo, Gaetano |
| Hassani, Mohammad |
| Hawkey, David |
| Herring, Meredith |
| Hollamby, Gil |
| Hoppo, Suzanne |
| Howie, Jake |
| Humphries, Alan |
| Hurst, Andrea |
| Irwin, John |
| Jiranek, Vladimir |
| Jupp, Noel |
| Kaehne, Ian |
| Kaiser, Stefan |
| Kapitany, Attila |
| Katz, Mark |
| Kebblewhite, Tony |
| Kempff, Stefan |
| Kennedy, Chris |
| Kobelt, Eric |
| Lacey, Kevin |
| Larkman, Clive |
| Leddin, Anthony |
| Lee, Kathryn |
| Lee, Jodie |
| Lee, Slade |
| Leeks, Conrad |
| Leonforte, Antonio |
| Lewis, Hartley |
| Lewthwaite, Stephen |
| Loi, Angelo |
| Lonergan, Paul |
| Lowe, Russell |
| Luckett, David |
| Matic, Rade |
| Materne, Michael |
| Matthews, Michael |
| May, Peter |
| McCabe, Dominic |
| McCredden, John |
| McDonald, David |
| Miller, Kylie |
| Mitchell, Steven |
| Moss, Ian |
| Mullins, Kathleen |
| Myors, Philip |
| Neilson, Peter |
| Newman, Allen |
| Noone, Brian |
| Norriss, Michael |
| O'Brien, Tim |
| O’Leary, Finbarr |
| O'Sullivan, Robert |
| Palmer, Ross |
| Paull, Jeff |
| Pearce, Bob |
| Peoples, Alan |
| Pike, David |
| Pike, Elise |
| Porter, Gavin |
| Potter, Trent |
| Pressler, Craig |
| Rankin, Grant |
| Rayner, Kenneth |
| Reid, Peter |
| Reinke, Russell |
| Russell, Dougal |
| Sadeque, Abdus |
| Sanders, Milton |
| Sanewski, Garth |
| Sarkhosh, Ali |
| Schreuders, Harry |
| Scott, Ralph |
| Senior, Michael |
| Smith, Leigh |
| Smith, Malcolm |
| Smith, Chris |
| Snelling, Cath |
| Song, Leonard |
| Sounness, Janine |
| Stephens, Joseph |
| Stiller, Warwick |
| Sutton, John |
| Taylor, Kerry |
| Todd, Peter |
| Trigg, Pamela |
| Urwin, Nigel |
| Vaughan, Peter |
| Venkatanagappa, Shoba |
| Venn, Neil |
| Verdegaal, John |
| Walton, Mark |
| Warner, Bradley |
| Warren, Andrew |
| Weatherly, Lilia |
| Weber, Ryan |
| Wei, Xianming |
| Whiting, Matthew |
| Wilkie, John |
| Williams, Joanne |
| Wilson, Rob |
| Wilson, Stephen |
| Winter, Bruce |
| Wirthensohn, Michelle |
| Wright, Graeme |
| Yan, Guijun |

# APPENDIX 5

## ADDRESSES OF UPOV AND MEMBER STATES

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

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

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

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

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

# APPENDIX 6

# CENTRALISED TESTING CENTRES

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

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

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

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

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

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

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

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

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

## APPLICATIONS FOR AUTHORISATION AS A 'CENTRALISED TESTING CENTRE'

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

### Conditions and Selection Criteria

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

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

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

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

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

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

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

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

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

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

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

**Authorised Centralised Test Centres (CTCs)**

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

| Name | Location | Approved Genera | Facilities | Name of QP | Date of accreditation |
|---|---|---|---|---|---|
| Agriculture Victoria, National Potato Improvement Centre | Toolangi, VIC | Potato | Outdoor, field, greenhouse, tissue culture laboratory | R Kirkham | 31/3/97 |
| Bureau of Sugar Experiment Stations | Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD | *Saccharum* | Field, glasshouse, tissue culture, pathology | G Piperidis | 30/6/97 |
| Ag-Seed Research | Horsham and other sites | Canola | Field, glasshouse, shadehouse, laboratory and biochemical analyses | P Rudolph | 30/6/97 |
| Agriculture Western Australia | Northam WA | Wheat | Field, laboratory | D Collins | 30/6/97 |
| University of Sydney, Plant Breeding Institute | Camden, NSW | *Argyranthemum, Diascia, Mandevilla* | Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms, | J Oates | 30/6/97 |

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

| | | | | | |
|---|---|---|---|---|---|
| Luff Partnership | Kulnura, NSW | *Bracteantha* | Field beds, irrigation, shade house, propagation house, cool rooms, | I Dawson | 31/12/00 |
| Ramm Pty Ltd | Macquarie Fields, NSW | *Petunia, Calibrachoa* | Glasshouse | I Paananen<br>J Oates | 31/12/00 |
| NSW Agriculture | Temora | *Triticum, Hordeum, Avena* | Field, irrigation, glasshouse, climate controlled areas | P Breust | 31/3/01 |
| Bywong Nursery | Bungendore NSW | *Leptospermum* | Field, shadehouse, greenhouse | P Ollerenshaw | 31/3/01 |
| S J Saperstein | Mullumbimby NSW | *Rhododendron* (vireya types) | Field and propagation facilities | S Saperstein | 31/12/01 |
| Redlands Nursery | Redland Bay, QLD | *Osteospermum, Rhododendron* | Outdoor, shadehouse, glasshouse and indoor facilities | K Bunker | 31/3/02 |
| Ramm Pty Ltd | Macquarie Fields, NSW | *Euphorbia* | Glasshouse | I Paananen | 31/3/02 |
| Oasis Horticulture Pty Ltd | Springwood, | *Impatiens, Euphorbia* | AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture | B Sidebottom<br>A Bernuetz<br>M Hunt<br>T Angus | 30/9/02 |
| Carol's Propagation | Alexandra Hills, QLD | *Dahlia* | Field beds, wide range of comparative varieties | C Milne<br>D Singh | 31/12/03 |
| Carol's Propagation | Brookfield, QLD | *Anubias* | Glasshouse specifically designed for aquatic plants | C Milne<br>D Singh | 31/3/04 |
| Queensland Department of Primary Industries, Maroochy Research Station | Nambour, QLD | *Ananas* | Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab | G. Sanewski | 31/3/04 |
| Abulk Pty Ltd | Clarendon, NSW | *Dianella* | Normal nursery facilities with access to micro propagation. | I Paananen | 31/3/04 |
| Proteaflora Nursery Pty Ltd | Monbulk, VIC | *Plectranthus* | Fogged propagation house, greenhouses and irrigated outdoor facilities | Paul Armitage | 30/6/04 |
| Berrimah Agricultural Research Centre | Darwin | *Zingiber* | Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services | D Marcsik | 30/9/04 |
| Ball Australia | Keysborough, VIC | *Impatiens, Verbena* | Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities. | M Lunghusen | 30/9/04 |
| Floreta Pty Ltd | Redland Bay QLD | *Bracteantha* | Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site. | K Bunker | 31/12/04 |
| Boulevarde Nurseries Mildura Pty Ltd | Irymple VIC | *Zantedeschia* | Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics, quarantine facilities | K Mullins | 31/12/04 |

| | | | | | |
|---|---|---|---|---|---|
| Buchanan's Nursery | Hodgsonvale, QLD | *Prunus* | Outdoor facilities including a collection of 90 varieties of common knowledge. | P Buchanan | 31/12/04 |
| Ball Australia | Keysborough, VIC | *Calibrachoa, Osteospermum* | Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities. | M Lunghusen | 30/9/05 |
| Queensland Department of Primary Industries, Southedge Research Centre | Mareeba, QLD | *Mangifera* | Glasshouse, shadehouse, laboratory complex including biotech, propagation , outdoor facilities | I Bally | 30/09/05 |
| Blueberry Farms of Australia | Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania | *Vaccinium* | Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories. | I Paananen | 15/10/07 |
| Ball Australia | Keysborough, VIC | *Kalanchoe* | Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities. | M Lunghusen | 3/6/08 |
| PBseeds | Horsham, VIC | *Lens culinaris* | Glasshouse, shadehouse, small plot equipment, seed production, processing and long term storage | T Leonforte G Kadkol | 5/7/11 |
| Mansfield Propagation Nursery Pty Ltd | Carrum Downes and Skye, VIC | *Lomandra* | Propagation greenhouses and indoor and outdoor growing areas. | M Lunghusen | 7/11/11 |
| Ramm Botanicals | Kangy Angy, NSW | *Anigozanthos* | Tissue culture, environment controlled greenhouse; extensive outdoor and shadehouse areas. | Ryan Weber Megan Bartley | 10/2/12 |
| Outback Plants Pty Ltd | Cranbourne, and Longwarry VIC | *Aloe* | Propagation greenhouses and indoor and outdoor growing areas. | M Lunghusen | 10/12/12 |
| Solan Pty Ltd | Waikerie SA | *Solanum tuberosum* | Tissue culture, plastic covered nursery, refrigerated storage; experience with comparator growing trials | J. Fennell | 10/1/13 |

The following applications are pending:

| **Name** | **Location** | **Genera applied for** | **Facilities** | **Name of QP** |
|---|---|---|---|---|
| | | | | |
| Highsun Express** | Ormiston and Toowoomba | *Pelargonium, Verbena and Petunia* | Climate controlled greenhouses, shade houses, outdoor growing areas, germination | D Singh M Zorin |

| | | | | |
|---|---|---|---|---|
| | | | chambers, cool rooms, an approved quarantine facility | |
| Yates Botanical Pty Ltd** | Somersby and Tuggerah, NSW | *Rosa* | Tissue culture lab, glasshouse, quarantine and nursery facilities | I Paananen |
| Aussie Winners Pty Ltd | Redland Bay, QLD | *Fuchsia* | Comprehensive growing facilities | I Paananen |
| Schreurs Australia Pty Ltd** | Leppington, NSW | *Rosa* | Comprehensive growing facilities | I Paananen |

** = Please note that these organisations have been requested to submit a special case based on technical reasons and other grounds to allow an additional CTCs to be accredited for the genera in question. Accordingly, publication of their pending application does not infer that any decision regarding accreditation has been made at this time.

† = Following the 2012 restructuring within the Queensland Government, the CTC for *Cynodon*, *Zoysia* and other selected warm season-season turf and amenity species at Cleveland, Queensland previously conducted by Department of Primary Industries, Redlands Research Station, will now be run at the same location by Turf Australia.

Comments (both for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

The Registrar
Plant Breeder's Rights Office
IP Australia
PO Box 200
Woden, ACT 2606
Fax (02) 6283 7999

Closing date for comment: 31 December 2013.

# APPENDIX 7 List of Classes for Variety Denomination Purposes

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

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

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

The variety denomination classes are as follows:

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

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

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

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

## LIST OF CLASSES

### Part I

*Classes within a genus*

| | Botanical names | UPOV codes |
|---|---|---|
| Class 1.1 | Brassica oleracea | BRASS_OLE |
| Class 1.2 | Brassica other than Brassica oleracea | other than BRASS_OLE |
| Class 2.1 | Beta vulgaris L. var. alba DC.,<br>Beta vulgaris L. var. altissima | BETAA_VUL_GVA;<br>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;<br>BETAA_VUL_GVF |
| Class 2.3 | Beta other than classes 2.1 and 2.2. | other than classes 2.1 and 2.2 |
| Class 3.1 | Cucumis sativus | CUCUM_SAT |
| Class 3.2 | Cucumis melo | CUCUM_MEL |
| Class 3.3 | Cucumis other than classes 3.1 and 3.2 | other than classes 3.1 and 3.2 |
| Class 4.1 | Solanum tuberosum L. | SOLAN_TUB |
| Class 4.2 | Solanum other than class 4.1 | other than class 4.1 |

# LIST OF CLASSES (Continuation)

## Part II

*Classes encompassing more than one genus*

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

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

**APPENDIX 8**

**REGISTER OF PLANT VARIETIES**

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

**South Australia**

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

**New South Wales**

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

**Victoria and Tasmania**

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

**Queensland**

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

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

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

## Plant Varieties Journal Mailing List

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

- Home