

Plant Varieties Journal Optimised for Screen
Viewing

Official Journal of Plant Breeder's Rights Office,
IPAustralia

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Part 1 of *Plant Varieties Journal* provides the link with the General Information about the Plant Breeder's Rights Scheme, the procedures for objections and revocations, UPOV developments, important changes, official notices etc. The General Information pages of *Plant Varieties Journal* (Vol. 27 Issue 2) are listed below:

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Interactive Variety Description System (IVDS)

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

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

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

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

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

Objections and Revocations

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

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

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

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

Objections to Applications

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

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

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

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

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

· **a Grant**

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

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

· a grant of PBR; or

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

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

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

Report on Breeding Issues

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

Use of Overseas Data

Overseas Testing/Data

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

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

Taxa that must be trailed in Australia

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

Solanum tuberosum Potato

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

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

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

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

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

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

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

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

PBR Infringement

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

On-line Database for PBR Varieties

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

Cumulative Index to Plant Varieties Journal

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

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

Applying for Plant Breeder's Rights

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

Steps in Applying for Plant Breeder's Rights

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

Requirement to Supply Comparative Varieties

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

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

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

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

UPOV Developments

The African Intellectual Property Organization (OAPI) became the second intergovernmental organization and the seventy-second member to join the International Union for the Protection of New Varieties of Plants (UPOV) when Mr. Paulin Edou Edou, Director General of OAPI, deposited the instrument of accession of OAPI to the UPOV Convention with the Secretary-General of UPOV, Mr. Francis Gurry, on June 10, 2014.

The purpose of UPOV is to provide and promote an effective system of plant variety protection, with the aim of encouraging the development of new varieties of plants, for the benefit of society (see FAQs at <http://www.upov.int/about/en/faq.html>).

OAPI operates a plant variety protection system which covers the territory of its 17 member States: Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Equatorial Guinea, Gabon, Guinea, Guinea Bissau, Mali, Mauritania, Niger, Senegal and Togo. The headquarters of OAPI are in Yaoundé, Cameroon (see <http://www.oapi.int/>).

“The accession of OAPI is a milestone in the history of UPOV and promises to help strengthen the system of plant variety protection around the world and to broaden international cooperation in this area,” Gurry said.

The members of UPOV are:

African Intellectual Property Organization (as of July 10, 2014), Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia (Plurinational State of), Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, Estonia, European Union, 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 Moldova, Romania, Russian Federation, Serbia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, the former Yugoslav Republic of Macedonia, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Kingdom, United States of America, Uruguay, Uzbekistan and Viet Nam. (Total 72)

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

The detailed descriptions are accepted only in the IVDS format.

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



Australian Government
IP Australia

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants and Variations etc. The Part 2 Public Notices pages of *Plant Varieties Journal* (Vol. 27 Issue 2) are listed below:

- [Home](#)
- [Acceptances](#)
- [Variety Descriptions](#)
- [Grants](#)
- [Denomination Changed](#)
- [Synonym Changed](#)
- [Change or Nomination of Agent](#)
- [Change of Applicant's Name](#)
- [Applications Withdrawn](#)
- [Grants Surrendered](#)
- [Grants Expired](#)
- [Transfer of Rights](#)
- [Corrigenda & Official Notice](#)

ACCEPTANCE

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

Acacia fimbriata

FRINGED WATTLE

‘AF001’

Application No: 2013/235 Accepted: 28 Apr 2014

Applicant: **Bushland Flora Vic. Pty Ltd**, Mount Evelyn, VIC.

Alternanthera dentata

RUBY LEAF ALTERNANTHERA

‘Always’

Application No: 2014/024 Accepted: 10 Apr 2014

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

Avena sativa

OATS

‘Graza 85’

Application No: 2014/110 Accepted: 27 Jun 2014

Applicant: **Her Majesty The Queen in Right of Canada as represented by the Minister of Agriculture and Agri-Food**.

Agent: **Austgrains Pty Ltd**, Moree, NSW.

‘Wizard’

Application No: 2014/068 Accepted: 09 May 2014

Applicant: **The State of Queensland acting through its Department of Agriculture, Fisheries and Forestry**, Toowoomba, QLD.

Brassica napus

CANOLA

‘ATR Wahoo’

Application No: 2012/238 Accepted: 11 Jun 2014

Applicant: **Nuseed Pty. Ltd.**, Horsham, VIC.

‘ATR-Redfin’

Application No: 2012/236 Accepted: 11 Jun 2014
Applicant: **Nuseed Pty. Ltd.**, Horsham, VIC.

‘ATR Bonito’

Application No: 2012/237 Accepted: 11 Jun 2014
Applicant: **Nuseed Pty. Ltd.**, Horsham, VIC.

‘Yetna’ syn BCT001

Application No: 2014/085 Accepted: 12 Jun 2014
Applicant: **Agronomy For Profit**, Geraldton, WA.

Calibrachoa hybrid

CALIBRACHOA

‘USCAL83901’

Application No: 2014/038 Accepted: 16 Apr 2014
Applicant: **Plant 21 LLC**.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

‘USCAL08501’

Application No: 2014/037 Accepted: 16 Apr 2014
Applicant: **Plant 21 LLC**.
Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Callistemon viminalis

BOTTLEBRUSH

‘CS003’

Application No: 2013/238 Accepted: 28 Apr 2014
Applicant: **Bushland Flora Vic. Pty Ltd**, Mount Evelyn, VIC.

Citrullus lanatus

WATERMELON

‘SP-5’ syn Super Polleniser 5

Application No: 2011/164 Accepted: 11 Apr 2014
Applicant: **Syngenta International Ag**.
Agent: **Syngenta Australia**, Macquarie Park, NSW.

Citrus reticulata

MANDARIN

‘2PHBKP’

Application No: 2012/099 Accepted: 27 May 2014
Applicant: **Craig Robert Pressler**, Emerald, QLD.

Cucumis sativus

CUCUMBER, GHERKIN

‘Taray’

Application No: 2014/058 Accepted: 11 Apr 2014
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

Cucumis melo

MELON

‘GATSBY’

Application No: 2014/087 Accepted: 16 Jun 2014
Applicant: **Nunhems B.V.**
Agent: **Shelston IP**, Sydney, NSW.

Cucurbita moschata

PUMPKIN

‘PP.1026’

Application No: 2014/061 Accepted: 08 Apr 2014
Applicant: **Enza Zaden Beheer B.V.**
Agent: **Fisher Adams Kelly**, Brisbane, QLD.

Escallonia laevis

ESCALLONIA

‘Lades’ syn Pink Elle

Application No: 2014/065 Accepted: 02 Jun 2014
Applicant: **Ludovic Ladan**
Agent: **Plants Management Pty. Ltd.**, Dodges Ferry, TAS.

Festuca arundinacea

TALL FESCUE

‘Hummer’

Application No: 2012/084 Accepted: 09 Apr 2014

Applicant: **Grasslands Innovation Ltd.**

Agent: **Griffith Hack**, Brisbane, QLD.

Fragaria xananassa

STRAWBERRY

‘DrisStrawThirtySix’

Application No: 2014/051 Accepted: 04 Apr 2014

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

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

‘DrisStrawForty’

Application No: 2014/071 Accepted: 06 May 2014

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

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

‘DrisStrawFortyOne’

Application No: 2014/069 Accepted: 06 May 2014

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

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

‘Merced’

Application No: 2014/079 Accepted: 19 May 2014

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

Agent: **Eurofins Agrisearch**, Shepparton, VIC.

Grevillea rhyolitica x victoriae

GREVILLEA

‘GR001’ syn Ruby Jewel

Application No: 2014/054 Accepted: 09 Apr 2014

Applicant: **Bushland Flora Vic. Pty Ltd**, Mount Evelyn, VIC.

Hibbertia spicata ssp *leptotheca*

‘WA01’

Application No: 2014/074 Accepted: 12 May 2014

Applicant: **Perth Plant Propagation Pty. Ltd.**

Agent: **Ozbreed Pty Ltd**, Clarendon, NSW.

Hydrangea macrophylla

HYDRANGEA

‘Freedom’

Application No: 2014/066 Accepted: 05 Jun 2014

Applicant: **Ryoji Irie.**

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

‘Peace’

Application No: 2014/064 Accepted: 05 Jun 2014

Applicant: **Ryoji Irie.**

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

Lactuca sativa

LETTUCE

‘Codex’

Application No: 2013/330 Accepted: 23 Jun 2014

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel B.V.**

Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

‘Lustrel’

Application No: 2014/084 Accepted: 21 May 2014

Applicant: **Nunhems B.V.**

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

Lens culinaris

LENTIL

‘PBA Giant’ syn Giant

Application No: 2014/076 Accepted: 22 May 2014

Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation.**

Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

‘PBA Jumbo2’ syn Jumbo2

Application No: 2014/077 Accepted: 22 May 2014

Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation.**

Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

‘PBA Greenfield’ syn Greenfield

Application No: 2014/075 Accepted: 22 May 2014

Applicant: **Agriculture Victoria Services Pty Ltd, Grains Research and Development Corporation.**

Agent: **PB Seeds Pty. Ltd.**, Kalkee, VIC.

Lolium perenne

PERENNIAL RYEGRASS

‘XPO’

Application No: 2012/028 Accepted: 09 Apr 2014

Applicant: **Grasslands Innovation Ltd..**

Agent: **Griffith Hack**, Brisbane, QLD.

‘BASE’

Application No: 2012/017 Accepted: 09 Apr 2014

Applicant: **Grasslands Innovation Ltd..**

Agent: **Griffith Hack**, Brisbane, QLD.

Mandevilla hybrid

MANDEVILLA

‘Sunparakama’

Application No: 2014/049 Accepted: 01 Apr 2014

Applicant: **Suntory Flowers Pty Limited.**

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

‘Alegnuflor704’ syn SoBurgundy

Application No: 2013/047 Accepted: 25 Jun 2014

Applicant: **Floraquest Pty Ltd, Protected Plant Promotions Australia Pty Ltd.**

Agent: **Sprint Horticulture**, Fountain Plaza, NSW.

Mandevilla sanderi

MANDEVILLA

‘Duemarre’

Application No: 2014/072 Accepted: 13 May 2014

Applicant: **Dummen Group B.V.**

Agent: **Australian Horticultural Services Pty Ltd**, Lilydale, VIC.

Murraya paniculata

ORANGE JASMINE, ORANGE JESSAMINE, SATINWOOD

‘Flomursixs’ syn Style-it-XS

Application No: 2014/056 Accepted: 30 Apr 2014

Applicant: **Floreta Intellectual Property Pty Ltd.**

Agent: **Kerry Bunker**, Capalaba, QLD.

‘Flomursis’ syn Style-it-S

Application No: 2014/055 Accepted: 30 Apr 2014

Applicant: **Floreta Intellectual Property Pty Ltd.**

Agent: **Kerry Bunker**, Capalaba, QLD.

Phormium tenax

NEW ZEALAND FLAX

‘All Black’

Application No: 2012/064 Accepted: 17 Jun 2014

Applicant: **Hillier Nurseries Ltd.**

Agent: **Fleming's Nurseries**, Monbulk, VIC.

Prunus avium

SWEET CHERRY

‘SPC103’

Application No: 2014/047 Accepted: 05 Jun 2014

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

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

‘13S2101’

Application No: 2014/048 Accepted: 05 Jun 2014

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

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

Punica granatum

POMEGRANATE

'Smith'

Application No: 2013/103 Accepted: 06 Jun 2014

Applicant: **Gregory R Smith.**

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

Quercus palustris

PIN OAK

'Early Fall'

Application No: 2014/062 Accepted: 02 May 2014

Applicant: **Agriculture Victoria Services Pty Ltd.**

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

Rhododendron indicum

AZALEA

'Shinju'

Application No: 2014/057 Accepted: 05 Jun 2014

Applicant: **Arthur Terence Robinson**, Chidlow, WA.

Rosa hybrid

ROSE

'SCH40919' syn Dolcetto!

Application No: 2014/096 Accepted: 20 Jun 2014

Applicant: **Piet Schreurs Holding B.V.**

Agent: **Propagation Australia Pty Ltd**, Park Ridge, QLD.

'GRAppl'

Application No: 2014/086 Accepted: 02 Jun 2014

Applicant: **John C. Gray, Sylvia E. Gray**, Highfields, QLD.

‘Ausboxer’

Application No: 2014/078 Accepted: 13 May 2014

Applicant: **David Austin Roses Limited.**

Agent: **Siebler Publishing Services**, Hartwell, VIC.

‘Climbing Imp’

Application No: 2012/275 Accepted: 26 May 2014

Applicant: **Daniel Anthony Roworth**, Landsdale, WA.

Rubus idaeus

RASPBERRY

‘DrisRaspSix’

Application No: 2012/274 Accepted: 17 Apr 2014

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

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

Scaevola aemula

FANFLOWER

‘Bonsca7200’

Application No: 2013/231 Accepted: 11 Jun 2014

Applicant: **Bonza Botanicals Pty Limited.**

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

Solanum tuberosum

POTATO

‘Leonardo’

Application No: 2013/239 Accepted: 16 May 2014

Applicant: **HZPC Holland B.V., K. Dijkstra & T. Dijkstra-Kooistra.**

Agent: **Harvest Moon, Forth Farm Produce Ptd Ltd**, Forth, TAS.

‘Dione’

Application No: 2013/246 Accepted: 16 May 2014

Applicant: **HZPC Holland B.V. and J. Darwinkel.**

Agent: **Harvest Moon, Forth Farm Produce Pty. Ltd.**, Forth, TAS.

‘Dakota Trailblazer’

Application No: 2014/017 Accepted: 11 Apr 2014

Applicant: **NSDU Research Foundation**.
Agent: **Simplot Australia Pty Ltd**, Mentone, VIC.

Tibouchina hybrid

TIBOUCHINA

‘Cool Baby’

Application No: 2014/063 Accepted: 28 Apr 2014
Applicant: **Terence Charles Keogh**.
Agent: **Plants Management Australia Pty. Ltd.**, Dodges Ferry, Tas.

Trachelospermum asiaticum

ASIATIC JASMINE

‘FT01’

Application No: 2014/027 Accepted: 11 Jun 2014
Applicant: **Jonathon Williams**.
Agent: **Ozbreed Pty Ltd**, Clarendon, NSW.

Trifolium repens

WHITE CLOVER

‘Altitude’

Application No: 2010/048 Accepted: 11 Apr 2014
Applicant: **Grasslanz Technology Limited**.
Agent: **Griffith Hack**, Brisbane, QLD.

Triticum aestivum

WHEAT

‘LongReach Viking’ syn LRPB Viking

Application No: 2014/111 Accepted: 26 Jun 2014
Applicant: **LongReach Plant Breeders Management Pty Ltd**, Riddells Creek, VIC.

Triticum aestivum subsp. *spelta*

SPELT WHEAT

‘WestonLite’

Application No: 2014/041 Accepted: 03 Apr 2014

Applicant: **George Weston Foods Ltd.**
Agent: **Dr. Leonard Song**, Rochedale South, QLD.

Vaccinium corymbosum

BLUEBERRY

‘DrisBlueNine’

Application No: 2014/070 Accepted: 06 May 2014
Applicant: **Driscoll Strawberry Associates, Inc.**
Agent: **AJ Park**, Canberra, ACT.

‘DrisBlueTwelve’

Application No: 2014/089 Accepted: 18 Jun 2014
Applicant: **Driscoll Strawberry Associates, Inc.**
Agent: **AJ Park**, Canberra, ACT.

‘DrisBlueEleven’

Application No: 2014/090 Accepted: 16 Jun 2014
Applicant: **Driscoll Strawberry Associates, Inc.**
Agent: **AJ Park**, Canberra, ACT.

‘DrisBlueTen’

Application No: 2014/091 Accepted: 18 Jun 2014
Applicant: **Driscoll Strawberry Associates, Inc.**
Agent: **AJ Park**, Canberra, ACT.

Vitis vinifera

GRAPE VINE

‘Sheegene 18’ syn Kelly Seedless

Application No: 2014/092 Accepted: 02 Jun 2014
Applicant: **Sheehan Genetics LLC**
Agent: **Sheehan Genetics Australia Pty Ltd**, Emerald, Vic.

‘Sheegene 8’ syn Very Early Red

Application No: 2014/093 Accepted: 02 Jun 2014
Applicant: **Sheehan Genetics LLC**
Agent: **Sheehan Genetics Australia Pty Ltd**, Emerald, Vic.

Zoysia matrella

MANILA GRASS, ZOYSIA GRASS, KOREAN GRASS, SIGLAP GRASS

‘G-4’

Application No: 2014/073 Accepted: 13 Jun 2014

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

Variety Descriptions

Common (Genus Species)	Variety	Title Holder
Peruvian Lily (Alstroemeria hybrid)	Zaprikate	Van Zanten Plants B. V.
Peanut (Arachis hypogaea)	Redvale	State of Queensland through it's Department of Agriculture, Fisheries and Forestry, GRDC
Elatior Begonia, Winter-flowering begonia (Begonia xhiemalis)	Betulia Candy	Koppe Royalty B.V.
Canola (Brassica napus)	ATR Bonito	Nuseed Pty. Ltd.
Canola (Brassica napus)	ATR Wahoo	Nuseed Pty. Ltd.
Calibrachoa (Calibrachoa hybrid)	Sunbel Kukosubu	Suntory Flowers Limited
Calibrachoa (Calibrachoa hybrid)	Sunbelriki	Suntory Flowers Ltd
Calibrachoa (Calibrachoa hybrid)	Suncalpi	Suntory Flowers Ltd
Mandarin (Citrus reticulata)	AC41114	Craig Robert Pressler
Mandarin (Citrus reticulata)	M17B3R8TL297	Craig Robert Pressler
Sweet Orange (Citrus sinensis)	M 4	Pacific Fresh Enterprises
Cordyline (Cordyline australis)	Spricorfantasy	Sprint Horticulture Pty Ltd
Cordyline (Cordyline australis)	Spricorhapso	Sprint Horticulture Pty Ltd
Forest Cabbage Tree (Cordyline banksii)	Sprilecstar	Sprint Horticulture Pty Ltd
Melon (Cucumis melo)	Caribbean Queen	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Melon (Cucumis melo)	Rocky Persia	Omid Rad of Ariana Holdings Pty Ltd
Melon (Cucumis melo)	Sunny Persia	Ariana Holdings Pty Ltd
Melon (Cucumis melo)	Sweet Persia	Ariana Holdings Pty Ltd

<u>melo)</u>		
<u>Cucumber (<i>Cucumis sativus</i>)</u>	Taray	Nunhems B.V.
<u>Pumpkin (<i>Cucurbita moschata</i>)</u>	OrangeGlow	Shaun Jackson
<u>Pumpkin (<i>Cucurbita moschata</i>)</u>	PP.1026	Enza Zaden Beheer B.V.
<u>Pumpkin (<i>Cucurbita moschata</i>)</u>	Jacqueline	Enza Zaden Beheer B.V.
<u>Pumpkin (<i>Cucurbita moschata</i>)</u>	DEB2010	Nature's Haven Pty Ltd
<u>Grassleaf Spurge (<i>Euphorbia graminea</i>)</u>	Hip Hop	Eelco van Staalduinen
<u>Tall Fescue (<i>Festuca arundinacea</i>)</u>	Hummer	Grasslands Innovation Ltd.
<u>Gardenia (<i>Gardenia augusta</i>)</u>	Ken04	Kenthurst Nursery Pty Ltd
<u>Chinese Hibiscus (<i>Hibiscus rosa-sinensis</i>)</u>	Adonicus Pearl	Poul Graff
<u>Chinese Hibiscus (<i>Hibiscus rosa-sinensis</i>)</u>	Adonicus Salmon	Poul Graff
<u>Chinese Hibiscus (<i>Hibiscus rosa-sinensis</i>)</u>	Adonicus	Poul Graff
<u>Barley (<i>Hordeum vulgare</i>)</u>	Compass	Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation
<u>Barley (<i>Hordeum vulgare</i> L.)</u>	Charger	Carlsberg A/S
<u>Lettuce (<i>Lactuca sativa</i>)</u>	Wintex	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
<u>Lettuce (<i>Lactuca sativa</i>)</u>	Expertise	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
<u>Lettuce (<i>Lactuca sativa</i>)</u>	Kiprien	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
<u>Lettuce (<i>Lactuca sativa</i>)</u>	Polygon	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
<u>Lettuce (<i>Lactuca sativa</i>)</u>	Telex	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
<u>Hybrid Ryegrass (<i>Lolium boucheanum</i>)</u>	PSPT	Grasslands Innovation Ltd.
<u>Perennial Ryegrass (<i>Lolium perenne</i>)</u>	XPO	Grasslands Innovation Ltd.
<u>Perennial Ryegrass</u>		

<u>(Lolium perenne)</u>	BASE	Grasslands Innovation Ltd.
<u>Apple (Malus domestica)</u>	RoHo 3615	Hofmann Sortenschutz GmbH
<u>Apple (Malus domestica)</u>	Pink Chief	Fruit Varieties International Pty Ltd
<u>Mandevilla (Mandevilla hybrid)</u>	Sunpararenga	Suntory Flowers Ltd
<u>Mandevilla (Mandevilla hybrida)</u>	Alegnuflor704	Floraquest Pty Ltd, Protected Plant Promotions Australia Pty Ltd
<u>Mandevilla (Mandevilla xamabilis)</u>	Sunparamiho	Suntory Flowers Ltd
<u>Kikuyu grass (Pennisetum clandestinum)</u>	Acacia Plateau	Donald Eykamp
<u>New Zealand Flax (Phormium tenax)</u>	Spriphospritz	Sprint Horticulture Pty Ltd
<u>Photinia (Photinia x fraseri)</u>	Black Jack	Eric Wallace Jordan
<u>European Pear (Pyrus communis)</u>	Uta	Sächsische Landesanstalt für Landwirtschaft
<u>Sage (Salvia hybrid)</u>	HeatwaveGlow	Plant Growers Australia Pty Ltd
<u>Sage (Salvia hybrid)</u>	Heatwave Glare	Plant Growers Australia Pty Ltd
<u>Sage (Salvia hybrid)</u>	Eggben 008	Plant Growers Australia Pty Ltd
<u>Sage (Salvia hybrid)</u>	Eggben 009	Plant Growers Australia Pty Ltd
<u>Christmas Cactus (Schlumbergera truncata)</u>	Snowball	Tillington House Pty Ltd
<u>Christmas Cactus (Schlumbergera truncata)</u>	Fireball	Tillington House Pty Ltd
<u>Senecio (Senecio hybrid)</u>	Sunsenepiba	Suntory Flowers Ltd
<u>Tomato (Solanum lycopersicum)</u>	Kesaria	Yissum Research Development Company of The Hebrew University of Jerusalem
<u>Potato (Solanum tuberosum)</u>	SASSY	Germicopa SAS
<u>Potato (Solanum tuberosum)</u>	APOLLINE	Germicopa SAS
<u>Potato (Solanum tuberosum)</u>	DAIFLA	Germicopa SAS
<u>Potato (Solanum tuberosum)</u>	Nandina	EUROPLANT Pflanzenzucht GmbH
<u>Potato (Solanum tuberosum)</u>	Dinky	Germicopa SAS

<u>Potato (<i>Solanum tuberosum</i>)</u>	Concordia	EUROPLANT Pflanzenzucht GmbH
<u>Potato (<i>Solanum tuberosum</i>)</u>	Osira	EUROPLANT Pflanzenzucht GmbH
<u>Potato (<i>Solanum tuberosum</i>)</u>	BARCELONA	The Potato Company BV
<u>Potato (<i>Solanum tuberosum</i>)</u>	MONTE CARLO	The Potato Company BV
<u>Potato (<i>Solanum tuberosum</i>)</u>	Montreal	The Potato Company BV
<u>Balansa Clover (<i>Trifolium michelianum</i>)</u>	Cobra	Pristine Forage Technologies Pty Ltd
<u>Balansa Clover (<i>Trifolium michelianum</i>)</u>	Vista	MINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Development Institute)
<u>White Clover (<i>Trifolium repens</i>)</u>	Altitude	Grasslanz Technology Limited
<u>Verbena (<i>Verbena hybrid</i>)</u>	Sunmarired	Suntory Flowers Limited
<u>Verbena (<i>Verbena hybrid</i>)</u>	Sunmaricomu	Suntory Flowers Limited
<u>Mung Bean (<i>Vigna radiata</i>)</u>	Jade-AU	The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry, Grains Research and Development Corporation (GRDC)
<u>Horned Violet (<i>Viola cornuta</i>)</u>	Sunviopapu	Suntory Flowers Limited
<u>Horned Violet (<i>Viola cornuta</i>)</u>	Sunviolabu	Suntory Flowers Ltd
<u>Grape vine (<i>Vitis vinifera</i>)</u>	Sheegene 5	Sheehan Genetics LLC
<u>Grape vine (<i>Vitis vinifera</i>)</u>	Sheegene 20	Sheehan Genetics LLC

Plant Varieties Journal - Search Result Details

Apple (*Malus domestica*)**Variety:** 'RoHo 3615'**Synonym:** N/A**Application
no:** 2011/223**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 06-Oct-2011**Accepted:** 30-May-2012**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Hofmann Sortenschutz GmbH**Agent:** Crop & Nursery Services**Telephone:** 0243810051**Fax:** 0285691896

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Apple (*Malus domestica*)**Variety:** 'Pink Chief'**Synonym:** TT6050**Application
no:** 2013/149**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 27-Jun-2013**Accepted:** 22-Jul-2013**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Fruit Varieties International Pty Ltd**Agent:** N/A**Telephone:** N/A**Fax:** N/A

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

**Date of effect:** 24-Jul-2014

Plant Varieties Journal - Search Result Details

Balansa Clover (*Trifolium michelianum*)**Variety:** 'Cobra'**Synonym:** N/A**Application no:** 2010/047**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 12-Mar-2010**Accepted:** 30-Mar-2010**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Pristine Forage Technologies Pty Ltd**Agent:** N/A**Telephone:** 0881770558**Fax:** 0881770558

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Balansa Clover (*Trifolium michelianum*)

Variety: 'Vista'
Synonym: N/A

Application no: 2013/107
Current status: ACCEPTED
Certificate no: N/A
Received: 15-May-2013
Accepted: 26-Jul-2013
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: MINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Development Institute)
Agent: N/A
Telephone: 0885249661
Fax: 0885249088

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare*)**Variety:** 'Compass'**Synonym:** N/A**Application no:** 2013/126**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-May-2013**Accepted:** 21-Jun-2013**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Adelaide Research & Innovation Pty Ltd, Grains Research and Development Corporation

Agent: Adelaide Research & Innovation Pty Ltd

Telephone: 0883133480

Fax: 0883134355

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Barley (*Hordeum vulgare* L.)

Variety: 'Charger'
Synonym: N/A

Application no: 2013/156
Current status: ACCEPTED
Certificate no: N/A
Received: 08-Jul-2013
Accepted: 05-Sep-2013
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Carlsberg A/S
Agent: Adelaide Research & Innovation Pty Ltd
Telephone: 0883133480
Fax: 0883134355

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Calibrachoa (*Calibrachoa hybrid*)**Variety:** 'Sunbel Kukosubu'**Synonym:** Sky Blue**Application no:** 2009/245**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Sep-2009**Accepted:** 09-Oct-2009**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Suntory Flowers Limited**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** 0247544260

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Calibrachoa (*Calibrachoa hybrid*)**Variety:** 'Sunbelriki'**Synonym:** N/A**Application
no:** 2010/293**Current
status:** Accepted**Certificate
no:** N/A**Received:** 01-Dec-2010**Accepted:** 30-Mar-2011**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Suntory Flowers Ltd**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Calibrachoa (*Calibrachoa hybrid*)

Variety: 'Suncalpi'
Synonym: Bouquet Brilliant Pink

Application no: 2012/293

Current status: ACCEPTED

Certificate no: N/A

Received: 18-Dec-2012

Accepted: 31-Jan-2013

Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Suntory Flowers Ltd
Agent: Oasis Horticulture Pty Limited
Telephone: 0243826642
Fax: N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)**Variety:** 'ATR Bonito'**Synonym:** N/A**Application no:** 2012/237**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 05-Nov-2012**Accepted:** 11-Jun-2014**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Nuseed Pty. Ltd.**Agent:** N/A**Telephone:** 0353811682**Fax:** 0353811978

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Canola (*Brassica napus*)

Variety: 'ATR Wahoo'
Synonym: N/A

Application no: 2012/238

Current status: ACCEPTED

Certificate no: N/A

Received: 05-Nov-2012

Accepted: 11-Jun-2014

Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

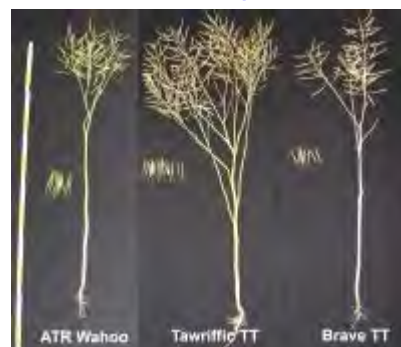
Title Holder: Nuseed Pty. Ltd.

Agent: N/A

Telephone: 0353811682

Fax: 0353811978

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Chinese Hibiscus (*Hibiscus rosa-sinensis*)**Variety:** 'Adonicus Pearl'**Synonym:** N/A**Application no:** 2013/036**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Feb-2013**Accepted:** 25-May-2013**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Poul Graff**Agent:** Sprint Horticulture**Telephone:** 0243854440**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Chinese Hibiscus (*Hibiscus rosa-sinensis*)**Variety:** 'Adonicus Salmon'**Synonym:** N/A**Application
no:** 2013/037**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 07-Feb-2013**Accepted:** 23-May-2013**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Poul Graff**Agent:** Sprint Horticulture**Telephone:** 0243854440**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Chinese Hibiscus (*Hibiscus rosa-sinensis*)

Variety: 'Adonicus'
Synonym: Adonicus Pink

Application no: 2013/035

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Feb-2013

Accepted: 25-Sep-2013

Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Poul Graff
Agent: Sprint Horticulture
Telephone: 0243854440
Fax: N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Christmas Cactus (*Schlumbergera truncata*)

Variety: 'Snowball'
Synonym: N/A

Application no: 2014/018
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Jan-2014
Accepted: 12-Mar-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Tillington House Pty Ltd
Agent: N/A
Telephone: 0266549255
Fax: 0266549266

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Christmas Cactus (*Schlumbergera truncata*)

Variety: 'Fireball'
Synonym: N/A

Application no: 2014/019
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Jan-2014
Accepted: 12-Mar-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Tillington House Pty Ltd
Agent: N/A
Telephone: 0266549255
Fax: 0266549266

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Cordyline (*Cordyline australis*)**Variety:** 'Spricorfantasy'**Synonym:** N/A**Application no:** 2011/117**Current status:** Accepted**Certificate no:** N/A**Received:** 10-Jun-2011**Accepted:** 03-Aug-2011**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Sprint Horticulture Pty Ltd**Agent:** N/A**Telephone:** 0243854440**Fax:** 0243855727

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



Date of effect: 24-Jul-2014

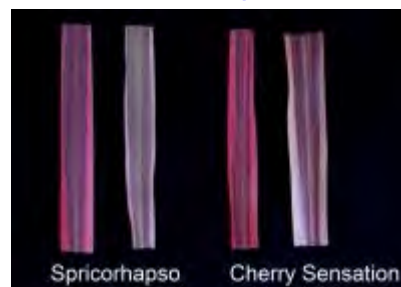
Plant Varieties Journal - Search Result Details

Cordyline (*Cordyline australis*)**Variety:** 'Spricorhapso'**Synonym:** N/A**Application no:** 2010/170**Current status:** Accepted**Certificate no:** N/A**Received:** 30-Jul-2010**Accepted:** 21-Jun-2011**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Sprint Horticulture Pty Ltd**Agent:** N/A**Telephone:** 0243854440**Fax:** 0243855727

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Cucumber (*Cucumis sativus*)

Variety: 'Taray'
Synonym: N/A

Application no: 2014/058
Current status: ACCEPTED
Certificate no: N/A
Received: 25-Mar-2014
Accepted: 11-Apr-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Nunhems B.V.
Agent: Shelston IP
Telephone: 0297771111
Fax: 0292414666

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Elatior Begonia, Winter-flowering begonia (*Begonia xhiemalis*)**Variety:** 'Betulia Candy'**Synonym:** N/A**Application no:** 2012/285**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Dec-2012**Accepted:** 30-Jan-2013**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Koppe Royalty B.V.**Agent:** Crop & Nursery Services**Telephone:** 0242810051**Fax:** 0285691896

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

European Pear (*Pyrus communis*)

Variety: 'Uta'
Synonym: N/A

Application no: 2006/283
Current status: ACCEPTED
Certificate no: N/A
Received: 27-Oct-2006
Accepted: 15-Feb-2007
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Sachsische Landesanstalt für Landwirtschaft
Agent: Crop & Nursery Services
Telephone: 0243810051
Fax: 0285691896

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Forest Cabbage Tree (*Cordyline banksii*)**Variety:** 'Sprilecstar'**Synonym:** N/A**Application no:** 2012/052**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 15-Mar-2012**Accepted:** 22-May-2012**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Sprint Horticulture Pty Ltd**Agent:** N/A**Telephone:** 0243854440**Fax:** 0243855727

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Gardenia (*Gardenia augusta*)

Variety: 'Ken04'
Synonym: N/A

Application no: 2012/033
Current status: ACCEPTED
Certificate no: N/A
Received: 09-Feb-2012
Accepted: 06-Nov-2012
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Kenthurst Nursery Pty Ltd
Agent: OZBreed
Telephone: 0245772977
Fax: 0245877728

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'Sheegene 5'**Synonym:** Early Globe**Application no:** 2010/151**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Jul-2010**Accepted:** 08-Nov-2010**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Sheehan Genetics LLC**Agent:** Sheehan Genetics Australia Pty Ltd**Telephone:** 0359683599**Fax:** 0359683599

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Grape vine (*Vitis vinifera*)**Variety:** 'Sheegene 20'**Synonym:** Allison**Application
no:** 2012/070**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 16-Apr-2012**Accepted:** 24-May-2012**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Sheehan Genetics LLC**Agent:** Sheehan Genetics Australia Pty Ltd**Telephone:** 0359683599**Fax:** 0359683599

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

**Date of effect:** 24-Jul-2014

Plant Varieties Journal - Search Result Details

Grassleaf Spurge (*Euphorbia graminea*)**Variety:** 'Hip Hop'**Synonym:** N/A**Application no:** 2011/119**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 10-Jun-2011**Accepted:** 22-Jan-2014**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Eelco van Staalduinen**Agent:** Sprint Horticulture Pty Ltd**Telephone:** 0243854440**Fax:** 0243855727

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Horned Violet (*Viola cornuta*)**Variety:** 'Sunviopapu'**Synonym:** N/A**Application no:** 2010/288**Current status:** Accepted**Certificate no:** N/A**Received:** 30-Nov-2010**Accepted:** 15-Jun-2011**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Suntory Flowers Limited**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** 0247544260

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Horned Violet (*Viola cornuta*)

Variety: 'Sunviolabu'
Synonym: Violina Aquamarine

Application no: 2010/292

Current status: Accepted

Certificate no: N/A

Received: 30-Nov-2010

Accepted: 30-Mar-2011

Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Suntory Flowers Ltd
Agent: Oasis Horticulture Pty Limited
Telephone: 0243826642
Fax: N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Hybrid Ryegrass (*Lolium boucheanum*)

Variety: 'PSPT'
Synonym: N/A

Application no: 2012/091
Current status: ACCEPTED
Certificate no: N/A
Received: 10-May-2012
Accepted: 12-Sep-2012
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Grasslands Innovation Ltd.
Agent: Griffith Hack
Telephone: 0732217200
Fax: 0732211245

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Kikuyu grass (*Pennisetum clandestinum*)**Variety:** 'Acacia Plateau'**Synonym:** N/A**Application
no:** 2013/097**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 23-Apr-2013**Accepted:** 17-May-2013**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Donald Eykamp**Agent:** N/A**Telephone:** 0267618256**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)

Variety: 'Wintex'
Synonym: N/A

Application no: 2013/034
Current status: ACCEPTED
Certificate no: N/A
Received: 07-Feb-2013
Accepted: 25-Jul-2013
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent: Rijk Zwaan Australia Pty Ltd
Telephone: 0353489003
Fax: 0353485530

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'Expertise'**Synonym:** N/A**Application
no:** 2014/002**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 13-Jan-2014**Accepted:** 03-Feb-2014**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Rijk Zwaan Zaadteelt en Zaadhandel B.V.**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'Kiprien'**Synonym:** N/A**Application no:** 2013/166**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 18-Jul-2013**Accepted:** 30-Jul-2013**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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

**Date of effect:** 24-Jul-2014

Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)

Variety: 'Polygon'
Synonym: N/A

Application no: 2013/327
Current status: ACCEPTED
Certificate no: N/A
Received: 30-Dec-2013
Accepted: 28-Jan-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.
Agent: Rijk Zwaan Australia Pty Ltd
Telephone: 0353489003
Fax: 0353485530

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

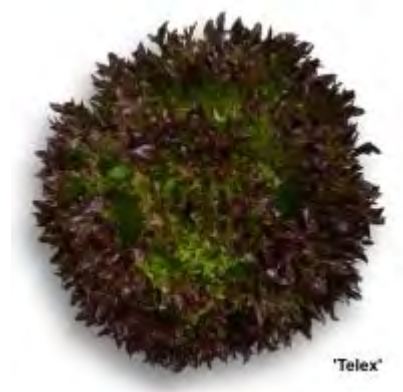


Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Lettuce (*Lactuca sativa*)**Variety:** 'Telex'**Synonym:** N/A**Application
no:** 2013/169**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 18-Jul-2013**Accepted:** 31-Jul-2013**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Rijk Zwaan Zaadteelt en Zaadhandel B.V.**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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



Date of effect: 24-Jul-2014

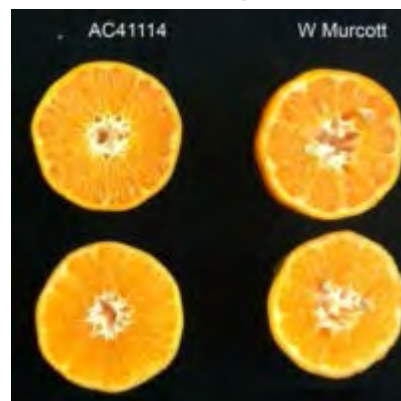
Plant Varieties Journal - Search Result Details

Mandarin (*Citrus reticulata*)**Variety:** 'AC41114'**Synonym:** N/A**Application no:** 2011/212**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Sep-2011**Accepted:** 18-Oct-2011**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Craig Robert Pressler**Agent:** N/A**Telephone:** 0749820011**Fax:** 0749822407

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Mandarin (*Citrus reticulata*)**Variety:** 'M17B3R8TL297'**Synonym:** N/A**Application no:** 2011/211**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Sep-2011**Accepted:** 22-Mar-2012**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Craig Robert Pressler**Agent:** N/A**Telephone:** 0749820011**Fax:** 0749822407

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Mandevilla (*Mandevilla hybrid*)

Variety: 'Sunpararenga'
Synonym: Classic Burgundy

Application no: 2011/279

Current status: ACCEPTED

Certificate no: N/A

Received: 05-Dec-2011

Accepted: 17-May-2012

Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Suntory Flowers Ltd
Agent: Oasis Horticulture Pty Limited
Telephone: 0243826642
Fax: N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Mandevilla (*Mandevilla hybrida*)**Variety:** 'Alegnuflor704'**Synonym:** SoBurgundy**Application
no:** 2013/047**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 12-Feb-2013**Accepted:** 25-Jun-2014**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title** Floraquest Pty Ltd, Protected Plant Promotions Australia Pty**Holder:** Ltd**Agent:** Sprint Horticulture**Telephone:** 0243854440**Fax:** N/A[View the detailed description of this variety.](#)

Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Mandevilla (*Mandevilla xamabilis*)**Variety:** 'Sunparamiho'**Synonym:** Pretty White**Application no:** 2011/280**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 05-Dec-2011**Accepted:** 17-May-2012**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Suntory Flowers Ltd**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'Caribbean Queen'**Synonym:** N/A**Application no:** 2012/032**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 09-Feb-2012**Accepted:** 31-May-2012**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.**Agent:** Rijk Zwaan Australia Pty Ltd**Telephone:** 0353489003**Fax:** 0353485530

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



Date of effect: 24-Jul-2014

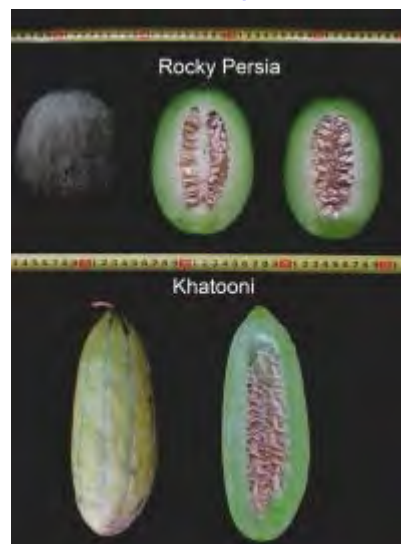
Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'Rocky Persia'**Synonym:** N/A**Application no:** 2011/017**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Dec-2010**Accepted:** 17-Dec-2012**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Omid Rad of Ariana Holdings Pty Ltd**Agent:** N/A**Telephone:** 1300880044**Fax:** N/A

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

**Date of effect:** 24-Jul-2014

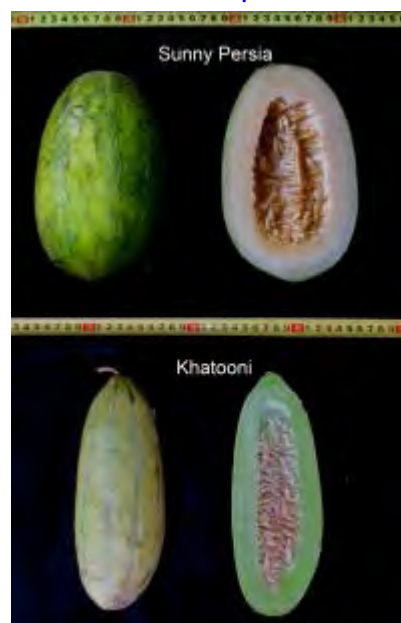
Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'Sunny Persia'**Synonym:** N/A**Application no:** 2012/253**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Nov-2012**Accepted:** 18-Feb-2013**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Ariana Holdings Pty Ltd**Agent:** N/A**Telephone:** 1300880044**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Melon (*Cucumis melo*)**Variety:** 'Sweet Persia'**Synonym:** N/A**Application no:** 2012/252**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 23-Nov-2012**Accepted:** 18-Feb-2013**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Ariana Holdings Pty Ltd**Agent:** N/A**Telephone:** 1300880044**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Mung Bean (*Vigna radiata*)**Variety:** 'Jade-AU'**Synonym:** N/A**Application no:** 2012/023**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 03-Feb-2012**Accepted:** 26-Jun-2012**Granted:** N/A

Description published in Plant Varieties Journal:
 Volume 27, Issue 2

Title Holder: The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry, Grains Research and Development Corporation (GRDC)

Agent: N/A**Telephone:** 0746881210**Fax:** 0746881190

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

New Zealand Flax (*Phormium tenax*)

Variety: 'Spriphospritz'
Synonym: Lemon Spritzer

Application no: 2014/099

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Jun-2014

Accepted: 07-Jul-2014

Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Sprint Horticulture Pty Ltd

Agent: N/A

Telephone: 0243854440

Fax: 0243855727

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Peanut (*Arachis hypogaea*)**Variety:** 'Redvale'**Synonym:** N/A**Application no:** 2013/033**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 05-Feb-2013**Accepted:** 10-May-2013**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title: State of Queensland through it's Department of Agriculture,**Holder:** Fisheries and Forestry, GRDC**Agent:** Peanut Company of Australia Limited**Telephone:** 0746881210**Fax:** 0746881190

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

**Date of effect:** 24-Jul-2014

Plant Varieties Journal - Search Result Details

Perennial Ryegrass (*Lolium perenne*)

Variety: 'XPO'
Synonym: N/A

Application no: 2012/028
Current status: ACCEPTED
Certificate no: N/A
Received: 08-Feb-2012
Accepted: 09-Apr-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Grasslands Innovation Ltd.
Agent: Griffith Hack
Telephone: 0732217200
Fax: 0732211245

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Perennial Ryegrass (*Lolium perenne*)**Variety:** 'BASE'**Synonym:** N/A**Application no:** 2012/017**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 24-Jan-2012**Accepted:** 09-Apr-2014**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Grasslands Innovation Ltd.**Agent:** Griffith Hack**Telephone:** 0732217200**Fax:** 0732211245

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

**Date of effect:** 24-Jul-2014

Plant Varieties Journal - Search Result Details

Peruvian Lily (*Alstroemeria hybrid*)**Variety:** 'Zaprikate'**Synonym:** N/A**Application no:** 2012/283**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 11-Dec-2012**Accepted:** 06-Feb-2013**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Van Zanten Plants B. V.**Agent:** Ramm Botanicals Holdings Pty Ltd**Telephone:** 0243512099**Fax:** 0243531817

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

**Date of effect:** 24-Jul-2014

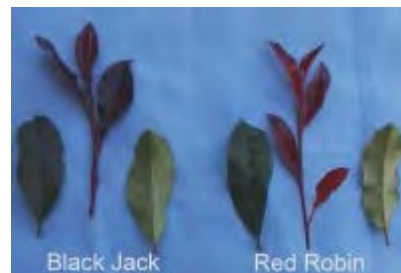
Plant Varieties Journal - Search Result Details

Photinia (*Photinia x fraseri*)**Variety:** 'Black Jack'**Synonym:** N/A**Application no:** 2011/022**Current status:** Accepted**Certificate no:** N/A**Received:** 02-Feb-2011**Accepted:** 21-Apr-2011**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Eric Wallace Jordan**Agent:** Traden Tubes Pty Ltd**Telephone:** 0296791544**Fax:** 0296791798

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'SASSY'
Synonym: N/A

Application no: 2008/038
Current status: ACCEPTED
Certificate no: N/A
Received: 15-Feb-2008
Accepted: 05-Aug-2008
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Germicopa SAS
Agent: Griffith Hack
Telephone: 0892213779
Fax: 0892214196

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'APOLLINE'**Synonym:** N/A**Application
no:** 2008/039**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 15-Feb-2008**Accepted:** 17-Oct-2008**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Germicopa SAS**Agent:** Griffith Hack**Telephone:** 0892213779**Fax:** 0892214196

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'DAIFLA'
Synonym: N/A

Application no: 2008/037
Current status: ACCEPTED
Certificate no: N/A
Received: 15-Feb-2008
Accepted: 05-Aug-2008
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Germicopa SAS
Agent: Griffith Hack
Telephone: 0892213779
Fax: 0892214196

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Nandina'
Synonym: N/A

Application no: 2012/022
Current status: ACCEPTED
Certificate no: N/A
Received: 02-Feb-2012
Accepted: 20-Apr-2012
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: EUROPLANT Pflanzenzucht GmbH
Agent: Dowling AgriTech
Telephone: 0887232688
Fax: 0887257512

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Dinky'
Synonym: N/A

Application no: 2008/150
Current status: ACCEPTED
Certificate no: N/A
Received: 15-May-2008
Accepted: 11-Sep-2008
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Germicopa SAS
Agent: Griffith Hack
Telephone: 0892213779
Fax: 0892214196

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'Concordia'**Synonym:** N/A**Application no:** 2012/020**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Feb-2012**Accepted:** 20-Apr-2012**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: EUROPLANT Pflanzenzucht GmbH**Agent:** Dowling AgriTech**Telephone:** 0887232688**Fax:** 0887257512

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Osira'
Synonym: N/A

Application no: 2012/021
Current status: ACCEPTED
Certificate no: N/A
Received: 02-Feb-2012
Accepted: 20-Apr-2012
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: EUROPLANT Pflanzenzucht GmbH
Agent: Dowling AgriTech
Telephone: 0887232688
Fax: 0887257512

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'BARCELONA'**Synonym:** N/A**Application no:** 2012/107**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Jun-2012**Accepted:** 22-Aug-2012**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: The Potato Company BV**Agent:** Southern Packers**Telephone:** 0894376881**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)**Variety:** 'MONTE CARLO'**Synonym:** N/A**Application no:** 2012/108**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 06-Jun-2012**Accepted:** 09-Aug-2012**Granted:** N/A**Description published in Plant Varieties Journal:** Volume 27, Issue 2**Title Holder:** The Potato Company BV**Agent:** Southern Packers**Telephone:** 0894376881**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

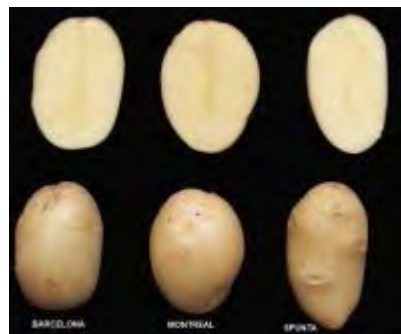
Variety: 'Montreal'
Synonym: N/A

Application no: 2012/109
Current status: ACCEPTED
Certificate no: N/A
Received: 07-Jun-2012
Accepted: 22-Aug-2012
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: The Potato Company BV
Agent: Southern Packers
Telephone: 0894376881
Fax: N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Pumpkin (*Cucurbita moschata*)**Variety:** 'OrangeGlow'**Synonym:** N/A**Application no:** 2013/051**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 15-Feb-2013**Accepted:** 26-Jul-2013**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Shaun Jackson**Agent:** Griffith Hack**Telephone:** 0392438300**Fax:** 0392438333

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Pumpkin (*Cucurbita moschata*)

Variety: 'PP.1026'
Synonym: N/A

Application no: 2014/061
Current status: ACCEPTED
Certificate no: N/A
Received: 02-Apr-2014
Accepted: 08-Apr-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Enza Zaden Beheer B.V.
Agent: Fisher Adams Kelly
Telephone: 0732292655
Fax: 0732210597

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Pumpkin (*Cucurbita moschata*)

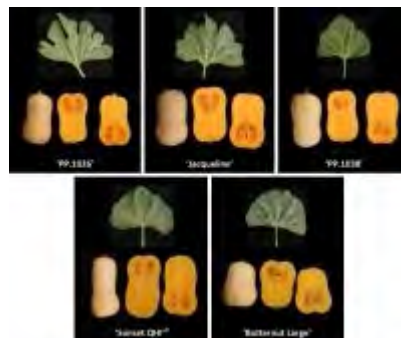
Variety: 'Jacqueline'
Synonym: N/A

Application no: 2013/075
Current status: ACCEPTED
Certificate no: N/A
Received: 28-Mar-2013
Accepted: 19-Apr-2013
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Enza Zaden Beheer B.V.
Agent: Fisher Adams Kelly
Telephone: 0732292655
Fax: 0732210597

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Pumpkin (*Cucurbita moschata*)

Variety: 'DEB2010'
Synonym: N/A

Application no: 2013/118
Current status: ACCEPTED
Certificate no: N/A
Received: 24-May-2013
Accepted: 08-Aug-2013
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Nature's Haven Pty Ltd
Agent: N/A
Telephone: 0740935062
Fax: N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Sage (*Salvia hybrid*)**Variety:** 'HeatwaveGlow'**Synonym:** N/A**Application no:** 2013/018**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-Jan-2013**Accepted:** 21-Jun-2013**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

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: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Sage (*Salvia hybrid*)**Variety:** 'Heatwave Glare'**Synonym:** N/A**Application no:** 2013/017**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-Jan-2013**Accepted:** 09-May-2013**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

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: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Sage (*Salvia hybrid*)

Variety: 'Eggben 008'
Synonym: Heatwave Brilliance

Application no: 2013/259

Current status: ACCEPTED

Certificate no: N/A

Received: 17-Oct-2013

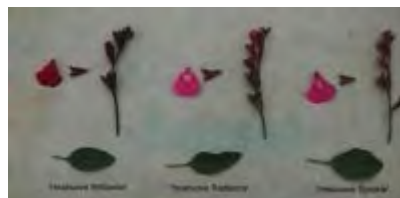
Accepted: 06-Dec-2013

Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

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: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Sage (*Salvia hybrid*)

Variety: 'Eggben 009'
Synonym: Heatwave Radiance

Application no: 2013/257

Current status: ACCEPTED

Certificate no: N/A

Received: 16-Oct-2013

Accepted: 06-Dec-2013

Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

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: 24-Jul-2014

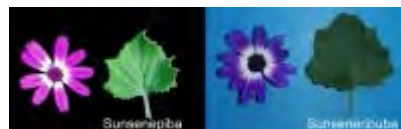
Plant Varieties Journal - Search Result Details

Senecio (*Senecio hybrid*)**Variety:** 'Sunsenepiba'**Synonym:** N/A**Application no:** 2010/294**Current status:** Accepted**Certificate no:** N/A**Received:** 01-Dec-2010**Accepted:** 15-Jun-2011**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Suntory Flowers Ltd**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** N/A

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Sweet Orange (*Citrus sinensis*)**Variety:** 'M 4'**Synonym:** N/A**Application no:** 2011/175**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 29-Jul-2011**Accepted:** 26-Aug-2011**Granted:** N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Pacific Fresh Enterprises**Agent:** N/A**Telephone:** 0269557117**Fax:** 0269557120

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Tall Fescue (*Festuca arundinacea*)

Variety: 'Hummer'
Synonym: N/A

Application no: 2012/084
Current status: ACCEPTED
Certificate no: N/A
Received: 02-May-2012
Accepted: 09-Apr-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Grasslands Innovation Ltd.
Agent: Griffith Hack
Telephone: 0732217200
Fax: 0732211245

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Tomato (*Solanum lycopersicum*)**Variety:** 'Kesaria'**Synonym:** N/A**Application no:** 2013/170**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Jul-2013**Accepted:** 06-Sep-2013**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Yissum Research Development Company of The Hebrew

University of Jerusalem

Agent: Shelston IP**Telephone:** 0297771111**Fax:** 0292414666

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Verbena (*Verbena hybrid*)**Variety:** 'Sunmarired'**Synonym:** N/A**Application
no:** 2009/107**Current
status:** ACCEPTED**Certificate
no:** N/A**Received:** 22-May-2009**Accepted:** 31-Aug-2009**Granted:** N/A**Description
published in
Plant
Varieties
Journal:** Volume 27, Issue 2**Title Holder:** Suntory Flowers Limited**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** 0247544260

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

Verbena (*Verbena hybrid*)**Variety:** 'Sunmaricomu'**Synonym:** Magenta**Application no:** 2011/290**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 08-Dec-2011**Accepted:** 24-Feb-2012**Granted:** N/A

Description published in Plant Varieties Journal:
Volume 27, Issue 2

Title Holder: Suntory Flowers Limited**Agent:** Oasis Horticulture Pty Limited**Telephone:** 0243826642**Fax:** 0247544260

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



Date of effect: 24-Jul-2014

Plant Varieties Journal - Search Result Details

White Clover (*Trifolium repens*)

Variety: 'Altitude'
Synonym: N/A

Application no: 2010/048
Current status: ACCEPTED
Certificate no: N/A
Received: 16-Mar-2010
Accepted: 11-Apr-2014
Granted: N/A

Description published in Plant Varieties Journal: Volume 27, Issue 2

Title Holder: Grasslanz Technology Limited
Agent: Griffith Hack
Telephone: 0732217200
Fax: 0732211245

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



Date of effect: 24-Jul-2014

Details of Application		
Application Number	2011/223	
Variety Name	'RoHo 3615'	
Genus Species	<i>Malus domestica</i>	
Common Name	Apple	
Synonym	Nil	
Accepted Date	30 May 2012	
Applicant	Hofmann Sortenschutz GmbH, Germany	
Agent	Crop & Nursery Services, Macmasters Beach, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Overseas Testing Authority	Bundessortenamt, Germany	
Overseas Data Reference Number	APF 219	
Location	Cambridge, TAS	
Descriptor	Apple (<i>Malus</i>) TG/14/9	
Period	2012 - 2014	
Conditions	Overseas data was verified in Australia by local observations at Cambridge, Tasmania in the APFIP repository. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on German trials, which were assessed at Hannover, Germany. Plants were grown according to standard commercial practice, pest and disease treatments applied as required.	
Trial Design	Completely randomised design	
Measurements	Completely random selection from trial beds	
RHS Chart - edition	2007	
Origin and Breeding		
Spontaneous mutation: In 2010, A single spontaneous mutation was observed in parent 'Pinova' . It was subsequently propagated by budding and tested over 4 years in order to confirm stable reproduction of this trait. There were no reversions during this period and it was considered to be a distinct new variety which could be reproduced vegetatively. The parent is characterised by its large amount of over colour with light intensity. Selection took place in Langensendelbach and Dresden-Pillnitz, Germany. Selection criteria: attractive fruit colour. Propagation: vegetative, by budding. Breeder: Hans Hofmann, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	ramified
Tree	habit	spreading
Fruit	shape	conical
Fruit	over colour	red

Fruit	ground colour	yellowish
Tree	time of beginning of flowering	medium
Fruit	time of eating maturity	late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Pinova'	parent variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Gala'	Fruit	shape	conical	ellipsoid	
'Golden Delicious'	Fruit	over colour	red	yellow	
'Clivia'					
'Oldenburg'	Fruit	time of eating maturity	late	medium	
'Cox Orange'	Fruit	shape	conical	Flat-oblong	

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	'RoHo 3615'	'Pinova'
<input type="checkbox"/> Tree: vigour	strong	
<input type="checkbox"/> *Tree: type	ramified	ramified
<input type="checkbox"/> *Tree: habit (varieties with ramified tree type only)	spreading	spreading
<input type="checkbox"/> Tree: type of bearing	on spurs only	
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	outwards	
<input type="checkbox"/> *Leaf blade: length	medium to long	
<input type="checkbox"/> *Leaf blade: width	medium	
<input type="checkbox"/> *Leaf blade: ratio length/width	medium to large	
<input type="checkbox"/> Leaf blade: incisions of margin	crenate	
<input type="checkbox"/> *Petiole: length	medium	
<input type="checkbox"/> *Fruit: size	medium to large	
<input type="checkbox"/> *Fruit: diameter	medium to large	
<input type="checkbox"/> *Fruit: ratio height/diameter	medium to large	
<input type="checkbox"/> *Fruit: general shape	conical	conical
<input type="checkbox"/> Fruit: ribbing	absent or weak	
<input type="checkbox"/> Fruit: crowning at calyx end	moderate	
<input type="checkbox"/> *Fruit: size of eye	small to medium	
<input type="checkbox"/> Fruit: length of sepal	medium	
<input type="checkbox"/> *Fruit: bloom of skin	absent or weak	

<input type="checkbox"/> Fruit: greasiness of skin	absent or weak	
<input type="checkbox"/> *Fruit: ground colour	yellowish	
<input checked="" type="checkbox"/> *Fruit: relative area of over colour	large to very large	medium to large
<input type="checkbox"/> *Fruit: hue of over colour - with bloom removed	red	
<input checked="" type="checkbox"/> *Fruit: intensity of over colour	medium to dark	light to medium
<input checked="" type="checkbox"/> *Fruit: pattern of over colour	solid flush with weakly defined stripes	flushed and mottled
<input type="checkbox"/> *Fruit: area of russet around stalk attachment	absent or small	
<input type="checkbox"/> Fruit: area of russet on cheeks	absent or small	
<input type="checkbox"/> *Fruit: area of russet around eye basin	absent or small	
<input type="checkbox"/> Fruit: size of lenticels	medium to large	
<input type="checkbox"/> *Fruit: length of stalk	long	
<input type="checkbox"/> *Fruit: thickness of stalk	thin to medium	
<input type="checkbox"/> *Fruit: depth of stalk cavity	deep	
<input type="checkbox"/> *Fruit: width of stalk cavity	medium	
<input type="checkbox"/> *Fruit: depth of eye basin	medium	
<input type="checkbox"/> *Fruit: width of eye basin	narrow to medium	
<input type="checkbox"/> *Fruit: firmness of flesh	medium to firm	
<input type="checkbox"/> *Fruit: colour of flesh	yellowish	yellowish
<input type="checkbox"/> *Fruit: aperture of locules	fully open	
<input type="checkbox"/> *Time of: beginning of flowering	medium	medium
<input type="checkbox"/> *Time of: eating maturity	late	late

Prior Applications and Sales

Country	Year	Current Status	Name Applied
South Africa	2011	Applied	'RoHo 3615'
Canada	2007	Applied	'RoHo 3615'
New Zealand	2011	Applied	'RoHo 3615'
Argentina	2011	Granted	'RoHo 3615'
Japan	2011	Applied	'RoHo 3615'
Switzerland	2006	Granted	'RoHo 3615'
USA	2005	Granted	'RoHo 3615'
European Union	2001	Granted	'RoHo 3615'
Russia	2011	Granted	'RoHo 3615'
Brazil	2011	Applied	'RoHo 3615'

First sold in Italy in Oct 2005.

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

Details of Application		
Application Number	2013/149	
Variety Name	'Pink Chief'	
Genus Species	<i>Malus domestica</i>	
Common Name	Apple	
Synonym	TT6050	
Accepted Date	22 July 2013	
Applicant	Fruit Varieties International Pty Ltd, Dover, TAS	
Agent		
Qualified Person	Gordon Brown	
Details of Comparative Trial		
Location	Tahune Fields Nursery, Lucaston, TAS.	
Descriptor	Apple <i>Malus domestica</i> UPOV TG/14/9	
Period	Harvest seasons 2013 and 2014	
Conditions	The trial site is irrigated. It is located in a scion wood block in a commercial apple nursery and receives the same nutrition and spray program as the surrounding trees. The scions were grafted on to 'MM106' rootstock. All trees were left un-headed and un-pruned. Only pruning carried out was in the establishment year to produce a single/central leader tree. Any and all laterals were left un-headed.	
Trial Design	Randomised Complete Block Design with 10 replicates 2 trees per plot.	
Measurements	Measurements were made on tree type and vigour, length of internode of one year old shoot, length of stalk, thickness of stalk, size of eye of fruit, relative area and intensity of overcolour on the fruit skin. All the visual characteristics were based on the UPOV TG for apple	
RHS Chart - edition	2007	
Origin and Breeding		
Spontaneous mutation: Limb mutation on a 12 year old 'Cripps Pink' tree growing in a commercial orchard, identified in 2007. The limb was observed to produce highly coloured fruit compared to 'Cripps Pink' and also had a compact growth habit compared to the 'Cripps Pink' tree. Subsequent propagations have shown the mutation to be true to type and stable. In field trials the mutant tree has been identified to have a compact columnar growth habit with fruit borne on spurs. No off types have been observed.		
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	hue of overcolour with bloom removed	pink red
Fruit	pattern of overcolour	solid flush with strongly defined stripes
Fruit	time of eating maturity	very late

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
‘Cripp’s Pink’					
‘Rosy Glow’					
‘Ruby Pink’					
‘Lady Laura’					
‘Pink Belle’					
‘Lady in Red’					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Cripp’s Pink’	tree	vigour	very weak	strong	
‘Rosy Glow’	tree	vigour	very weak	strong	
‘Ruby Pink’	tree	vigour	very weak	strong	
‘Lady Laura’	tree	vigour	very weak	strong	
‘Lady in Red’	tree	vigour	very weak	strong	

Organ/Plant Part: Context	‘Pink Chief’	‘Pink Belle’
<input checked="" type="checkbox"/> Tree: vigour	very weak	weak
<input checked="" type="checkbox"/> *Tree: type	columnar	ramified
<input type="checkbox"/> Tree: type of bearing	on spurs only	on spurs and long shoots
<input type="checkbox"/> One-year-old shoot: thickness	thick	thick
<input checked="" type="checkbox"/> *One-year-old shoot: length of internode	very short	short to medium
<input type="checkbox"/> One-year-old shoot: colour on sunny side	light brown	light brown
<input type="checkbox"/> One-year-old shoot: pubescence	weak to medium	medium
<input type="checkbox"/> *One-year-old shoot: number of lenticels	few	few
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	outwards	outwards
<input type="checkbox"/> *Leaf blade: length	medium to long	medium to long
<input type="checkbox"/> *Leaf blade: width	medium to broad	medium
<input type="checkbox"/> *Leaf blade: ratio length/width	medium	medium to large
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	medium
<input type="checkbox"/> Leaf blade: incisions of margin	biserrate	biserrate
<input type="checkbox"/> Leaf blade: pubescence on lower side	absent or weak	absent or weak
<input type="checkbox"/> *Petiole: length	medium	medium
<input type="checkbox"/> Petiole: extent of anthocyanin colouration from base	very small to small	very small to small

<input type="checkbox"/> *Flower: predominant colour at balloon stage	medium red	medium red
<input type="checkbox"/> *Flower: diameter with petals pressed into horizontal position	medium	medium
<input type="checkbox"/> *Flower: arrangement of petals	intermediate	intermediate
<input type="checkbox"/> Flower: position of stigmas relative to anthers	same level	same level
<input type="checkbox"/> Young fruit: extent of anthocyanin overcolour	medium to large	medium to large
<input type="checkbox"/> *Fruit: size	medium to large	medium to large
<input type="checkbox"/> *Fruit: height	medium to tall	medium to tall
<input type="checkbox"/> *Fruit: diameter	medium to large	medium to large
<input type="checkbox"/> *Fruit: ratio height/diameter	medium	medium
<input type="checkbox"/> *Fruit: general shape	cylindrical	cylindrical
<input type="checkbox"/> Fruit: ribbing	moderate	moderate
<input type="checkbox"/> Fruit: crowning at calyx end	moderate	moderate
<input checked="" type="checkbox"/> *Fruit: size of eye	medium to large	small to medium
<input type="checkbox"/> Fruit: length of sepal	medium	medium
<input type="checkbox"/> *Fruit: bloom of skin	absent or weak	absent or weak
<input type="checkbox"/> Fruit: greasiness of skin	absent or weak	absent or weak
<input type="checkbox"/> *Fruit: ground colour	whitish green	whitish green
<input checked="" type="checkbox"/> *Fruit: relative area of over colour	large	small
<input type="checkbox"/> *Fruit: hue of over colour with bloom removed	pink red	pink red
<input checked="" type="checkbox"/> *Fruit: intensity of over colour	medium	very light
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush with strongly defined stripes	solid flush with strongly defined stripes
<input type="checkbox"/> *Fruit: width of stripes	narrow	narrow
<input type="checkbox"/> *Fruit: area of russet around stalk attachment	medium	medium
<input type="checkbox"/> Fruit: area of russet on cheeks	absent or small	absent or small
<input type="checkbox"/> *Fruit: area of russet around eye basin	absent or small	absent or small
<input type="checkbox"/> Fruit: number of lenticels	many	medium to many
<input type="checkbox"/> Fruit: size of lenticels	large	medium to large
<input checked="" type="checkbox"/> *Fruit: length of stalk	short to medium	long
<input checked="" type="checkbox"/> *Fruit: thickness of stalk	thick	medium
<input type="checkbox"/> *Fruit: depth of stalk cavity	shallow to medium	medium
<input type="checkbox"/> *Fruit: width of stalk cavity	narrow to medium	narrow to medium
<input type="checkbox"/> *Fruit: depth of eye basin	medium	shallow to medium

<input checked="" type="checkbox"/> *Fruit: width of eye basin	medium to broad	narrow to medium
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm
<input type="checkbox"/> *Fruit: colour of flesh	cream	cream
<input type="checkbox"/> *Fruit: aperture of locules	closed or slightly open	closed or slightly open
<input type="checkbox"/> *Time of: beginning of flowering	medium to late	medium to late
<input type="checkbox"/> Time for: harvest	very late	very late
<input type="checkbox"/> *Time of: eating maturity	very late	very late

Statistical Table

Organ/Plant Part: Context	'Pink Chief'	'Pink Belle'
<input checked="" type="checkbox"/> Tree type: length of laterals (m)		
Mean	3.40	10.60
Std. Deviation	2.20	3.90
Lsd/sig	4.17	P≤0.01
<input checked="" type="checkbox"/> Tree: vigour (as length of 1 year and 2 year old wood in m)		
Mean	4.90	12.30
Std. Deviation	2.24	3.90
Lsd/sig	4.08	P≤0.01
<input checked="" type="checkbox"/> One year old shoot: length of internode (mm)		
Mean	20.30	26.90
Std. Deviation	2.58	2.70
Lsd/sig	4.39	P≤0.01
<input checked="" type="checkbox"/> Fruit: size of eye(mm)		
Mean	10.55	7.92
Std. Deviation	0.94	0.52
Lsd/sig	0.70	P≤0.01
<input checked="" type="checkbox"/> Fruit: relative area of overcolour (as % surface area)		
Mean	83.20	30.30
Std. Deviation	5.30	9.70
Lsd/sig	13.68	P≤0.01
<input checked="" type="checkbox"/> Fruit: intensity of overcolour(as % reflectance L of Lab colour notation)		
Mean	40.30	54.70
Std. Deviation	2.90	2.12
Lsd/sig	3.93	P≤0.01
<input checked="" type="checkbox"/> Fruit: length of stalk (mm)		
Mean	15.48	24.00
Std. Deviation	2.23	2.20
Lsd/sig	2.50	P≤0.01
<input checked="" type="checkbox"/> Fruit: thickness of stalk (mm)		
Mean	2.93	2.47
Std. Deviation	0.02	0.23
Lsd/sig	0.22	P≤0.01

Prior Applications and Sales

Nil

Description: **Gordon Brown**, Allens Rivulet, TAS.

Details of Application		
Application Number	2010/047	
Variety Name	'Cobra'	
Genus Species	<i>Trifolium michelianum</i>	
Common Name	Balansa Clover	
Accepted Date	30 March 2010	
Applicant	Pristine Forage Technologies Pty Ltd, Edwardstown, SA.	
Qualified Person	Andrew Lake	
Details of Comparative Trial		
Location	Currency Creek, SA	
Descriptor	Balansa clover <i>Trifolium michelianum</i> , National Descriptor PBR BALAN	
Period	June 2013- February 2014	
Conditions	Soil; sandy loam, pH~6. Trial; fertilised with NPK and trace elements. Rainfed until late October. Two supplementary irrigations in late October and mid November of ~30mm each. Individual plants germinated and raised in Jiffy pellets prior to plant out at 4 weeks of age.	
Trial Design	Randomised Block of 4 reps, each with 25 individual plants.	
Measurements	Expanded trifoliates at 3 weeks Leaf mark frequencies in late vegetative stage Days to first flower Weight of 50 seed heads at maturity Number of seed per head Weight of seed per 50 seed heads Seed to head weight ratio.	
Origin and Breeding		
<p>Recurrent phenotypic selection: 'Cobra' originates from a breeding population that traces to 1/2 sib seed of approximately 100 plants selected from various fields and trials of balansa clover sown around South Australia. About 2/3rds of these selections trace to either 'Taipan' or 'Frontier' (mainly 'Taipan') and probably 'Enduro', with the remaining 1/3rd coming from unknown parent varieties. The breeding population was subjected to alternating cycles of full and 1/2 sib progeny testing and selection in trials sown in the greenhouse and in the field over several years. Traits specifically selected for at various stages included; seedling vigour, plant vigour, early flowering, head size, total forage yield, seed set, low seed shattering and seed quality. The final variety is an open pollinated synthetic of approximately 200 plants, in turn derived from approximately equal numbers of plants from each of 26 full sib crosses of parents selected from the breeding population after four cycles of selection. Breeder: Andrew Lake.</p>		
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	days to flowering	early to medium
Flower	colour	white
Seed	size	medium
Seed	hard seededness at maturity	high

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Frontier'	earliest flowering balansa clover
'Taipan'	flowers later than 'Cobra'

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Enduro'	inflorescence	size	large	medium	
'Enduro'	mature runner	length	medium	short	
'Enduro'	leaf mark	number	many	few	

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	'Cobra'	'Frontier'	'Taipan'
<input type="checkbox"/> Plant: growth type	annual	annual	annual
<input type="checkbox"/> Plant: growth habit (of single spaced plants)	semi-prostrate	semi-prostrate	semi-prostrate
<input type="checkbox"/> Plant: height (of single spaced plants)	medium	medium	medium
<input checked="" type="checkbox"/> Plant: days to flowering	early	early	medium
<input type="checkbox"/> Stem: branching (of single spaced plants)	medium	medium	medium
<input type="checkbox"/> Stem: pubescence	absent	absent	absent
<input type="checkbox"/> Stem: pith (at flowering)	hollow	hollow	hollow
<input type="checkbox"/> Stem: colour	light green	light green	light green
<input type="checkbox"/> Leaf: markings	present	present	present
<input type="checkbox"/> Leaf: intensity of leaf markings (if present)	strong	medium	medium
<input type="checkbox"/> Leaf : petiole colour	light green	light green	light green
<input type="checkbox"/> Leaf: petiole pubescence	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaflet: shape	broad ovate	broad ovate	broad ovate
<input type="checkbox"/> Leaflet: degree of serration on margins	medium	medium	medium
<input type="checkbox"/> Leaflet: pubescence	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaflet: presence of anthocyanin flecking	present	present	present
<input type="checkbox"/> Leaflet: position of anthocyanin flecking	on both sides	on both sides	on both sides

<input checked="" type="checkbox"/> Inflorescence: size	large	small	medium
<input type="checkbox"/> Flower: colour	white	white	white
<input type="checkbox"/> Flower: scent	medium	medium	medium
<input type="checkbox"/> Seed: size	medium	medium	medium
<input type="checkbox"/> Seed: testa colour	brown	brown	brown
<input type="checkbox"/> Seed: hard seededness (at maturity)	high	high	high
<input checked="" type="checkbox"/> Plant:seed retention in seed head	high	low	medium

Statistical Table

Organ/Plant Part: Context	'Cobra'	'Frontier'	'Taipan'
<input checked="" type="checkbox"/> Seedling: no. of trifoliate leaves (at 3 weeks)			
Mean	2.26	1.95	2.08
Std. Deviation	0.08	0.07	0.08
LSD/sig	0.15	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: proportion of plants with pink crescent mark on trifoliate leaves(%)			
Mean	75.10	51.20	54.40
Std. Deviation	3.44	3.42	6.73
LSD/sig	8.52	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: days to first flower (from germination)			
Mean	106.10	107.70	112.90
Std. Deviation	1.56	2.05	1.88
LSD/sig	3.36	ns	P≤0.01
<input checked="" type="checkbox"/> Seed head: weight of 50 mature heads(g)			
Mean	6.66	4.15	4.78
Std. Deviation	0.19	0.17	0.19
LSD/sig	0.35	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Seed head: no. of seeds per head			
Mean	74.20	29.50	43.30
Std. Deviation	5.06	5.74	6.28
LSD/sig	10.54	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Seed head: seed weight in 50 heads (g)			
Mean	2.24	0.80	1.23
Std. Deviation	0.17	0.14	0.21
LSD/sig	0.33	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Seed head: seed weight: head weight (%)			
Mean	33.60	19.20	25.60
Std. Deviation	2.18	2.74	3.57
LSD/sig	4.56	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **Andrew Lake**, Edwardstown, SA

Details of Application

Application Number	2013/107
Variety Name	'Vista'
Genus Species	<i>Trifolium michelianum</i>
Common Name	Balansa Clover
Accepted Date	26th July 2013
Applicant	MINISTER FOR AGRICULTURE, FOOD AND FISHERIES (Acting through the South Australian Research and Development Institute), Adelaide, SA
Qualified Person	Andrew Craig

Details of Comparative Trial

Location	Kybybolite Research Centre, Naracoorte, SA.
Descriptor	Balansa clover <i>Trifolium michelianum</i> , National Descriptor PBR BALAN.
Period	June 2013 - February 2014
Conditions	Comparative growing trials were undertaken at Kybybolite Research Centre, SA over the period June 2013 to February 2014. Studies were conducted in two parts namely: (i) single spaced plants of the relevant varieties and (ii) sown plots of the same varieties. The single spaced plants were germinated on petri dishes in a laboratory and subsequently sown into peat jiffy pots after 48 hours. Each germinating seedling was inoculated with commercial Group C rhizobia. The jiffy pots were relocated to a glasshouse on 11 June 2013, and remained there until 24 June when they were taken outside, prior to transplanting in the field on 11 July 2013. Plots measuring 2m x 1m and were hand sown at 10 kg/ha into cultivated land on 3 July 2013. They were irrigated by overhead sprinklers on a number of occasions during spring 2013. The single spaced plants and sown plots remained un-defoliated throughout the trials. They were hand-weeded as necessary and red-legged earth mites were controlled during autumn and spring. No fertiliser was applied to either area.
Trial Design	The single spaced plants were sown in a randomised block design with 4 replications per treatment. 28 plants of each variety were sown, spaced 0.5m apart. The plots were also sown in a randomised block design, with five replicates of each treatment. Two generations of 'B35/99/08' were sown as separate treatments in each trial.
Measurements	The single spaced plants were assessed for (i) length of main stem in early spring and (ii) date of first flower. The replicated plots were assessed for (i) number of flowering heads/square metre and (ii) seed weight.

Origin and Breeding

Open pollination followed by selection: 'Paradana'. 'Paradana' balansa clover was grown out in (approx.) 1995 as spaced plants and selections made on the basis of superior plant vigour and later flowering date. Individual selected plants were

removed from the field at flowering and allowed to set seed in close proximity to each other, but in isolation from other balansa clover plants (controlled open pollination). Seed from each of the selected lines was collected and re-sown, with selections again being made on one/two further occasions for improved plant vigour and late flowering. This process generated an elite line coded 'B35/99'. Seed from 'B35/99' was collected at maturity and re-sown as single spaced plants in 2008. Again, individual plants were selected for superior plant vigour and late flowering. Selected plants from within B35/99 were allowed to set seed in the field. All other plants from within B35/99 were removed from the field before seed maturity. Seed of the selected plants was collected and bulked to form B35/99/08. It was renamed as 'Vista'.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time of flowering	late to very late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bolta' 'Viper'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Para-dana'	Plant	time of flowering	late	mid season	
'Taipan'	Plant	time of flowering	late	mid season	
'Frontier'	Plant	time of flowering	late	early season	
'Cobra'	Plant	time of flowering	late	early season	
'Enduro'	Plant	time of flowering	late	early season	
'Border'	Plant	time of flowering	late	early 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	'Vista'	'Bolta'	'Viper'
<input type="checkbox"/> Plant: growth type	annual	annual	annual

<input type="checkbox"/> Plant: growth habit (of single spaced plants)	semi-prostrate	semi-prostrate	semi-prostrate
<input type="checkbox"/> Plant: height (of single spaced plants)	medium	medium	medium
<input checked="" type="checkbox"/> Plant: days to flowering	late	late	very late
<input type="checkbox"/> Stem: branching (of single spaced plants)	medium	medium	medium
<input type="checkbox"/> Stem: pubescence	absent	absent	absent
<input type="checkbox"/> Stem: pith (at flowering)	hollow	hollow	hollow
<input type="checkbox"/> Stem: colour	light green	light green	light green
<input type="checkbox"/> Leaf: markings	present	present	present
<input type="checkbox"/> Leaf: intensity of leaf markings (if present)	medium	strong	strong
<input type="checkbox"/> Leaf : petiole colour	light green	light green	light green
<input type="checkbox"/> Leaf: petiole pubescence	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaflet: shape	round obovate	round obovate	round obovate
<input type="checkbox"/> Leaflet: degree of serration on margins	medium	medium	medium
<input type="checkbox"/> Leaflet: pubescence	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Leaflet: presence of anthocyanin flecking	present	present	present
<input type="checkbox"/> Leaflet: position of anthocyanin flecking	predominantly on upper surface	predominantly on upper surface	predominantly on upper surface
<input type="checkbox"/> Inflorescence: size	medium	medium	medium
<input type="checkbox"/> Flower: colour	white	white	white
<input type="checkbox"/> Flower: scent	strong	medium	medium
<input checked="" type="checkbox"/> Seed: size	very small	very small	very small
<input type="checkbox"/> Seed: hard seededness (at maturity)	very high	very high	very high
<input type="checkbox"/> Plant: pod shattering	high	high	high

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Vista'	'Bolta'	'Viper'
<input checked="" type="checkbox"/> Plant: flower heads/ square meter	many	few	very few
<input checked="" type="checkbox"/> Stem: length in early spring	medium	short	short

Statistical Table

Organ/Plant Part: Context	'Vista'	'Bolta'	'Viper'
<input checked="" type="checkbox"/> Flower: No. of heads per square metre(114 days after sowing)			
Mean	62.00	30.80	10.80
Std. Deviation	19.34	6.42	4.60
Lsd/sig	33.96	ns	P≤0.01
<input checked="" type="checkbox"/> Seed: 100 seed weight (g)			
Mean	0.08	0.09	0.10
Std. Deviation	0.01	0.01	0.00
Lsd/sig	0.007	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stem: length in early spring (cm)			
Mean	11.75	9.08	7.03
Std. Deviation	1.11	0.70	0.83
Lsd/sig	2.00	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Plant: Time to first flower (days from sowing)			
Mean	127.73	130.68	133.35
Std. Deviation	0.43	0.63	1.62
Lsd/sig	1.64	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Andrew Craig**, Naracoorte, SA..

Details of Application		
Application Number	2013/126	
Variety Name	'Compass'	
Genus Species	<i>Hordeum vulgare</i>	
Common Name	Barley	
Accepted Date	21 June 2013	
Applicant	Adelaide Research & Innovation Pty Ltd, Adelaide, SA and Grains Research and Development Corporation, Barton, ACT	
Agent	Adelaide Research & Innovation Pty Ltd, Adelaide, SA	
Qualified Person	Amanda Box	
Details of Comparative Trial		
Location	Charlick Experimental Research Station, Strathalbyn, SA	
Descriptor	Barley (<i>Hordeum vulgare</i>) UPOVTG/19/10	
Period	June 2013 to December 2013	
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 600 plants.	
Trial Design	Complete Block Design in plots of 6 rows by 3.2 metres	
Measurements	One hundred randomly selected plants were assessed individually for each trait	
Origin and Breeding		
<p>Controlled pollination: 'Commander' x F1 ('County' x 'Commander') as the paternal parent was conducted in 2004. The resulting population was progressed as an F1 bulk over summer 2004/2005, as an F2 bulk population in 2005 and as an F3 segregating bulk population over summer in 2005/2006. 206 single plant selections were evaluated in short rows in 2006. Disease resistance, grain size and NIR predicted malting quality were used as the basis to select 51 lines for yield evaluation in 2007. Yield trials comprised unreplicated designs with a check grid grown at five locations across Australia. Agronomic performance, disease resistance and malting quality were used to select 15 lines for yield trials in 2008 comprising unreplicated designs with a check grid. Agronomic performance, disease resistance and malting quality were used to promote three selections to replicated yield trials in 22 locations across Australia in 2009, 2010 and 2011. WI4593 was identified as the most promising line and evaluated at 22 locations across Australia in breeding trials and 22 breeding trial and 77 NVT locations respectively in 2012. Fifty reselections were taken from WI4593 grown over summer in 2010/2011 and 26 single plant reselections were evaluated at Strathalbyn, SA in double row plots. Nineteen were evaluated for phenology and molecular markers with 5 reselections bulked to comprise foundation pure seed for WI4593-1. Further pure seed multiplication was done in 2012 at Strathalbyn, SA and over summer in 2012/13 at Horsham, VIC with no offtypes observed at both locations.</p>		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	seasonal type	spring
Plant	resistance to cereal cyst	present

	nematode	
Basal leaves	hairiness of leaf sheath	absent
Flag leaf	anthocyanin colouration of auricles	present
Rachis	length of first segment	medium
Grain	malting quality	high

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Commander'	seed parent with Beta-amylase isoform sd1
'Flagship'	variety with Beta-amylase isoform sd2H

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sloop SA'	Plant	length	medium	tall	
'Sloop SA'	Plant	time of ear emergence	medium to early	medium	
'Sloop SA'	Flag leaf	anthocyanin colouration of auricles	present	absent	
'Sloop SA'	Awns	anthocyanin colouration	present	absent	
'Gairdner'	Plant	time of ear emergence	medium to early	late	
'Gairdner'	Plant	resistance to CCN	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	'Compass'	'Commander'	'Flagship'
<input type="checkbox"/> *Plant: growth habit	semi-erect	semi-erect	erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent
<input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	present	present
<input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	medium to strong	weak to medium	medium to strong
<input checked="" type="checkbox"/> Flag leaf: glaucosity of sheath	medium to strong	medium	weak
<input type="checkbox"/> *Time of: ear emergence	early to medium	medium	early to medium
<input type="checkbox"/> *Awns: anthocyanin colouration of tips	present	present	present
<input checked="" type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	weak	weak to medium	strong
<input type="checkbox"/> *Ear: glaucosity	medium	medium	weak to medium

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

Characteristics Additional to the Descriptor/TG

Statistical Table

Organ/Plant Part: Context	'Compass'	'Commander'	'Flagship'
<input checked="" type="checkbox"/> Plant: length(mm)			
Mean	526.90	519.50	549.90
Std. Deviation	30.94	38.28	56.75
Lsd/sig	16.27	ns	P<=0.01
<input checked="" type="checkbox"/> Ear: length(mm)			
Mean	75.92	68.75	75.00
Std. Deviation	4.13	6.20	6.93
Lsd/sig	2.195	P<=0.01	ns
<input checked="" type="checkbox"/> Awn: length(mm)			

Mean	123.70	135.70	86.30
Std. Deviation	8.32	9.06	5.88
Lsd/sig	3.00	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: no. of grains/ear			
Mean	26.83	26.17	25.67
Std. Deviation	0.93	2.07	1.78
Lsd/sig	0.61	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **Amanda Box**, Adelaide, SA

Details of Application	
Application Number	2013/156
Variety Name	'Charger'
Genus Species	<i>Hordeum vulgare</i>
Common Name	Barley
Accepted Date	05 September 2013
Applicant	Carlsberg A/S, Copenhagen, Denmark
Agent	Adelaide Research & Innovation Pty Ltd, Adelaide, SA
Qualified Person	Amanda Box
Details of Comparative Trial	
Location	Charlick Experimental Research Station, Strathalbyn, SA
Descriptor	Barley (<i>Hordeum vulgare</i>) UPOVTG/19/10
Period	June 2013 to December 2013
Conditions	The seeding rate was 60kg/ha, corresponding to approximately 150 seeds per square metre. Each replicate contained approximately 600 plants. The trial was sown on 20 June 2013
Trial Design	Complete Block Design with three replicates in plots of 6 rows by 3.2 metres
Measurements	One hundred randomly selected plants were assessed individually for each trait
Origin and Breeding	
<p>Controlled pollination: 'Barabas' x ('Charmay' x 'Gairdner') was done in 2004. 'Barabas' is a conventional variety from Lithuania that was approved for production in Denmark and the EU. 'Charmay' a null-lox malting barley variety approved for production in Denmark and the EU. 'Gairdner' is a conventional malting variety developed and released by the Department of Food and Agriculture, Western Australia in 1998. From the resulting F₁ population, embryo rescue and double haploid production commenced in 2004. Subsequent double haploid populations were planted as rows in summer nursery in New Zealand in 2005. In 2006 CA412402 was grown quarantine facilities located at SARDI Plant Research Centre, Waite Campus, Urrbrae, SA. CA 412402 was evaluated in short rows in 2007. Grain yield, grain size, overall disease profile and agronomic performance were used as the basis to promote CA412402 through trials in 2008. Yield trials comprised of unreplicated designs with a check grid grown at three locations across SA. Grain yield, grain size, overall disease profile and agronomic performance were used to promote CA412402 through trials in 2009. Yield trials comprised of replicated designs grown at four locations across SA and VIC. Lipoxxygenase-1 activity, grain yield, grain size, overall disease profile, agronomic performance and malting quality were used as the basis to promote 'CA412402 through trials in 2010, 2011 and 2012. Yield trials comprised of replicated designs grown at ten locations across SA and VIC and up to 31 NVT locations across Australia in 201, 2011 and 2012. Offtypes were removed from CA412402 grown in 2012 Charlick Experimental Station, Strathalbyn, SA to produce 100kg of foundation pure seed. This pure seed was planted over summer in 2012-13 at Horsham, VIC to produce 3 tonnes of pure seed which was named 'Charger'. 'Charger' differs from 'Barabas' and 'Gairdner' in having low Lipoxxygenase-1 activity. It differs from 'Charmay' in having 'Deficiens' for lateral florets. Breeder: Birgitte Skadhauge, Carlsberg A/S.</p>	

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge					
Organ/Plant Part		Context		State of Expression in Group of Varieties	
Plant		seasonal type		spring	
Plant		resistance to cereal cyst nematode		present	
Basal leaves		hairiness of leaf sheath		absent	
Flag leaf		anthocyanin colouration of auricles		present	
Rachis		length of first segment		medium	
Grain		malting quality		high	
Most Similar Varieties of Common Knowledge identified (VCK)					
Name			Comments		
'Commander'			Variety with Beta-amylase isoform sd1		
'Flagship'			variety with Beta-amylase isoform sd2H		
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Gairdner''	Plant	CCN reaction	resistance	susceptible	
'Gairdner''	Inflor-escence	'Deficiens' for lateral florets	present	absent	
'Gairdner''	Grain	Lipoxy-genase-1 activity	low	high	
'Gairdner''	Plant	time of ear emer -gence	medium to early	late	
'SloopSA''	Plant	length	medium	tall	
'SloopSA''	Awns	Antho-cyanin coloration	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	'Charger'	'Commander'	'Flagship'
<input type="checkbox"/> *Plant: growth habit	erect to semi-erect	semi-erect	erect
<input type="checkbox"/> *Lowest leaves: hairiness of leaf sheaths	absent	absent	absent
<input type="checkbox"/> *Flag leaf: anthocyanin colouration of auricles	present	present	present
<input type="checkbox"/> *Flag leaf: intensity of anthocyanin colouration of auricles	medium	weak to medium	medium to strong
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium	low	medium

<input checked="" type="checkbox"/> Flag leaf: glaucosity of sheath	very weak to weak	medium	weak
<input checked="" type="checkbox"/> *Time of: ear emergence	early	medium	early to medium
<input type="checkbox"/> *Awns: anthocyanin colouration of tips	present	present	present
<input checked="" type="checkbox"/> *Awns: intensity of anthocyanin colouration of tips	weak to medium	weak to medium	strong
<input type="checkbox"/> *Ear: glaucosity	weak to medium	medium	weak to medium
<input checked="" type="checkbox"/> Ear: attitude	recurved	semi-recurved	semi-erect
<input type="checkbox"/> *Plant: length	medium	medium	medium to long
<input type="checkbox"/> *Ear: number of rows	two	two	two
<input type="checkbox"/> Ear: shape	tapering	tapering	tapering
<input checked="" type="checkbox"/> *Ear: density	lax to medium	dense	medium
<input checked="" type="checkbox"/> Ear: length	long	short to medium	medium
<input checked="" type="checkbox"/> *Awn: length	long	very long	medium
<input type="checkbox"/> Rachis: length of first segment	medium	medium	medium
<input checked="" type="checkbox"/> Rachis: curvature of first segment	absent or very weak	weak	medium
<input checked="" type="checkbox"/> Median spikelet: length of glume and its awn relative to grain	equal	equal	shorter
<input checked="" type="checkbox"/> *Grain: rachilla hair type	long	short	long
<input type="checkbox"/> *Grain: husk	present	present	present
<input type="checkbox"/> Grain: anthocyanin colouration of nerves of lemma	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Grain: spiculation of inner lateral nerves of dorsal side of lemma	absent or very weak	medium	strong
<input type="checkbox"/> *Grain: hairiness of ventral furrow	absent	absent	absent
<input type="checkbox"/> Grain: disposition of lodicules	clasping	clasping	clasping
<input type="checkbox"/> Kernel: colour of aleurone layer	whitish	whitish	whitish
<input type="checkbox"/> *Season: type	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Charger'	'Commander'	'Flagship'
<input type="checkbox"/> Resistance to: cereal cyst nematode	present	present	present
<input checked="" type="checkbox"/> Grain: Deficiens - no sterile florets	present	absent	absent
<input checked="" type="checkbox"/> Grain: Lipoxygenase activity	low	high	high

Statistical Table

Organ/Plant Part: Context	'Charger'	'Commander'	'Flagship'
<input checked="" type="checkbox"/> Plant: length(mm)			
Mean	556.20	519.50	549.90

Std. Deviation	44.68	38.28	56.75
LSD/sig	17.97	P≤0.01	ns
<input checked="" type="checkbox"/> Ear: length(mm)			
Mean	88.84	68.75	75.00
Std. Deviation	4.65	6.20	6.93
LSD/sig	2.20	P≤0.01	ns
<input checked="" type="checkbox"/> Awn: length(mm)			
Mean	104.70	135.70	86.30
Std. Deviation	9.53	9.06	5.88
LSD/sig	3.16	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Ear: no. of grains/ear			
Mean	30.38	26.17	25.67
Std. Deviation	2.02	2.07	1.78
LSD/sig	0.0.71	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **Amanda Box**, Adelaide, SA

Details of Application		
Application Number	2009/245	
Variety Name	'Sunbel Kukosubu'	
Genus Species	<i>Calibrachoa</i> hybrid	
Common Name	Calibrachoa	
Synonym	Sky Blue	
Accepted Date	09 Oct 2009	
Applicant	Suntory Flowers Limited, Tokyo, Japan	
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Oasis Horticulture Pty Limited, Winmalee, NSW	
Descriptor	UPOV Technical Guidelines for Calibrachoa (TG 207/1)	
Period	February - April 2014	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design	
Measurements	From ten plants at random. One sample per plant.	
RHS Chart - edition	2007	
Origin and Breeding		
Controlled pollination: seed parent '9CL6' x pollen parent '9CL41' in 2004. The seed parent is characterised by a medium flower diameter. The pollen parent is characterised by a medium flower diameter. Selection criteria: compact plant growth habit, small flower size, attractive flower colour, abundant branching and flowering, long flower season, good heat and rain tolerance. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Takeshi Kanaya, Tokyo, Japan.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Corolla	colour group	light purple to violet
Plant	growth habit	creeping
Plant	height	short
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Sunbelkubu'		

Varieties of Common Knowledge identified and subsequently excluded			
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Wescaice'	Corolla: colour	violet with white throat	purple-violet

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	'Sunbel Kukosubu'	'Sunbelkubu'
<input type="checkbox"/> Plant: growth habit	creeping	creeping
<input type="checkbox"/> *Plant: height	short	short
<input type="checkbox"/> *Shoot: length	medium to long	medium
<input type="checkbox"/> *Leaf blade: length	very short to short	short
<input checked="" type="checkbox"/> *Leaf blade: width	very narrow to narrow	narrow to medium
<input type="checkbox"/> Leaf blade: shape of apex	broad acute	narrow acute
<input type="checkbox"/> *Leaf blade: variegation	absent	absent
<input checked="" type="checkbox"/> *Leaf blade: green colour of upper side (non-variegated varieties only)	light to medium	medium to dark
<input checked="" type="checkbox"/> Petiole: length	absent or very short	short
<input type="checkbox"/> Pedicel: length	short	short to medium
<input checked="" type="checkbox"/> *Sepal: length	short	medium
<input checked="" type="checkbox"/> *Sepal: width	medium	narrow
<input type="checkbox"/> Sepal: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Flower: type	single	single
<input checked="" type="checkbox"/> *Flower: diameter	medium	small
<input type="checkbox"/> Flower: degree of lobing	weak	weak to medium
<input type="checkbox"/> *Corolla lobe: number of colours of upper side	one	one
<input checked="" type="checkbox"/> *Corolla lobe: main colour of upper side (RHS colour chart)	N87B	82A
<input checked="" type="checkbox"/> *Corolla lobe: conspicuousness of veins on upper side	very weak to weak	medium
<input checked="" type="checkbox"/> Corolla lobe: main colour of lower side (RHS colour chart)	84D	83D
<input checked="" type="checkbox"/> Corolla lobe: shape of apex	truncate	rounded
<input checked="" type="checkbox"/> Corolla tube: maximum length	medium	short
<input checked="" type="checkbox"/> *Corolla tube: main colour of inner side (RHS colour chart)	11A and NN155C	8B

<input checked="" type="checkbox"/> Corolla tube: conspicuousness of veins on inner side	absent or very weak	medium to strong
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Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2008	Granted	'Sunbel Kukosubu'
Israel	2008	Granted	'Sunbel Kukosubu'

First sold in EU in Nov 2007 under the name 'Sunbel Kukosubu'.

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

Details of Application		
Application Number	2010/293	
Variety Name	'Sunbelriki'	
Genus Species	<i>Calibrachoa</i> hybrid	
Common Name	Calibrachoa	
Synonym	Nil	
Accepted Date	30 Mar 2011	
Applicant	Suntory Flowers Ltd, Tokyo, Japan	
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Winmalee, NSW	
Descriptor	UPOV Technical Guidelines for Calibrachoa (TG 207/1)	
Period	February - April 2014	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design	
Measurements	From ten plants at random. One sample per plant.	
RHS Chart - edition	2007	
Origin and Breeding		
Controlled pollination: seed parent 'R44' x pollen parent 'Y20' in 2005. The seed parent is characterised by a red flower colour. The pollen parent is characterised by a tall plant height and medium branching. Selection criteria: uniform, compact plant growth habit, medium size vivid yellow flowers, freely branching. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Takeshi Kanaya, Tokyo, Japan.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Corolla lobe	main colour of upper side	yellow
Plant	growth habit	semi-upright
Flower	type	single
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Sunbelki'		

Varieties of Common Knowledge identified and subsequently excluded			
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Cal Depyel' (Callie Deep Yellow)	Plant : height	medium	tall

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

Organ/Plant Part: Context	'Sunbelriki'	'Sunbelki'
<input type="checkbox"/> Plant: growth habit	semi-upright	semi-upright
<input checked="" type="checkbox"/> *Plant: height	medium	short
<input type="checkbox"/> *Shoot: length	short	short to medium
<input checked="" type="checkbox"/> *Leaf blade: length	medium to long	short
<input checked="" type="checkbox"/> *Leaf blade: width	medium to broad	narrow
<input type="checkbox"/> Leaf blade: shape of apex	obtuse	obtuse
<input type="checkbox"/> *Leaf blade: variegation	absent	absent
<input type="checkbox"/> *Leaf blade: green colour of upper side (non-variegated varieties only)	medium	medium
<input type="checkbox"/> Petiole: length	absent or very short	short
<input type="checkbox"/> Pedicel: length	short	short to medium
<input type="checkbox"/> *Sepal: length	medium	medium
<input type="checkbox"/> *Sepal: width	narrow	narrow
<input type="checkbox"/> Sepal: anthocyanin colouration	absent	absent
<input type="checkbox"/> *Flower: type	single	single
<input checked="" type="checkbox"/> *Flower: diameter	medium	small
<input type="checkbox"/> Flower: degree of lobing	weak to medium	weak to medium
<input type="checkbox"/> *Corolla lobe: number of colours of upper side	one	one
<input checked="" type="checkbox"/> *Corolla lobe: main colour of upper side (RHS colour chart)	14B	9C
<input checked="" type="checkbox"/> *Corolla lobe: conspicuousness of veins on upper side	absent or very weak	weak to medium
<input checked="" type="checkbox"/> Corolla lobe: main colour of lower side (RHS colour chart)	14C	9C-D
<input type="checkbox"/> Corolla lobe: shape of apex	rounded	rounded

<input checked="" type="checkbox"/> Corolla tube: maximum length	medium	short
<input checked="" type="checkbox"/> *Corolla tube: main colour of inner side (RHS colour chart)	14B	11A with veins 165A
<input checked="" type="checkbox"/> Corolla tube: conspicuousness of veins on inner side	absent or very weak	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2008	Granted	'Sunbelriki'
EU	2010	Granted	'Sunbelriki'
Japan	2009	Withdrawn	'Sunbelriki'
New Zealand	2012	Granted	'Sunbelriki'
USA	2008	Granted	'Sunbelriki'

First sold in the USA in Oct 2008 as Million Bells Neon Yellow.

First sold in Australia in Nov 2010 as Million Bells Yellow Improved.

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

Details of Application		
Application Number	2012/293	
Variety Name	'Suncalpi'	
Genus Species	<i>Calibrachoa</i> hybrid	
Common Name	Calibrachoa	
Synonym	Bouquet Brilliant Pink	
Accepted Date	31 Jan 2013	
Applicant	Suntory Flowers Ltd, Tokyo, Japan	
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Oasis Horticulture Pty Limited, Winmalee, NSW	
Descriptor	UPOV Technical Guidelines for Calibrachoa (TG 207/1)	
Period	February - April 2014	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design	
Measurements	From ten plants at random. One sample per plant.	
RHS Chart - edition	2007	
Origin and Breeding		
Controlled pollination: seed parent 'P-9' x pollen parent '313-5' in 2007. The seed parent is characterised by a spreading plant growth habit and a small-medium flower diameter. The pollen parent is characterised by a spreading plant growth habit and a pink flower colour. Selection criteria: upright and mounding habit, abundant branching, long flowering season, single, large size reddish purple flowers. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Takeshi Kanaya, Tokyo, Japan.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Corolla lobe	main colour	red purple
Flower	type	single
Flower	diameter	large or medium to large
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Sunbelrikupi'		

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	‘Suncalpi’	‘Sunbelrikupi’
<input checked="" type="checkbox"/> Plant: growth habit	upright	creeping
<input checked="" type="checkbox"/> *Plant: height	medium to tall	very short to short
<input checked="" type="checkbox"/> *Shoot: length	short to medium	long
<input type="checkbox"/> *Leaf blade: length	medium to long	medium
<input type="checkbox"/> *Leaf blade: width	medium to broad	broad
<input type="checkbox"/> Leaf blade: shape of apex	obtuse	broad acute
<input type="checkbox"/> *Leaf blade: variegation	absent	absent
<input type="checkbox"/> *Leaf blade: green colour of upper side (non-variegated varieties only)	medium	medium
<input type="checkbox"/> Petiole: length	absent or very short	absent or very short
<input checked="" type="checkbox"/> Pedicel: length	short	medium
<input checked="" type="checkbox"/> *Sepal: length	medium to long	short to medium
<input type="checkbox"/> *Sepal: width	narrow to medium	medium
<input checked="" type="checkbox"/> Sepal: anthocyanin colouration	present	absent
<input type="checkbox"/> *Flower: type	single	single
<input type="checkbox"/> *Flower: diameter	large	medium to large
<input type="checkbox"/> Flower: degree of lobing	medium	medium
<input type="checkbox"/> *Corolla lobe: number of colours of upper side	one	one
<input type="checkbox"/> *Corolla lobe: main colour of upper side (RHS colour chart)	ca 74A	74A
<input type="checkbox"/> *Corolla lobe: conspicuousness of veins on upper side	medium	medium
<input checked="" type="checkbox"/> Corolla lobe: main colour of lower side (RHS colour chart)	67A	70B
<input checked="" type="checkbox"/> Corolla lobe: shape of apex	truncate	rounded
<input type="checkbox"/> Corolla tube: maximum length	medium to long	medium
<input checked="" type="checkbox"/> *Corolla tube: main colour of inner side (RHS colour chart)	12B	11B
<input checked="" type="checkbox"/> Corolla tube: conspicuousness of veins on inner side	very weak to weak	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2010	Granted	'Suncalpi'
Japan	2010	Granted	'Suncalpi'
EU	2011	Granted	'Suncalpi'
USA	2010	Granted	'Suncalpi'

First sold in Japan in Mar 2010 under the name Surfinia Bouquet Brilliant Pink.

First Australian sale in Nov 2012 under the name Bouquet Brilliant Pink.

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

Details of Application	
Application Number	2012/237
Variety Name	'ATR Bonito'
Genus Species	<i>Brassica napus</i>
Coon Name	Canola
Synonym	Nil
Accepted Date	11 Jun 2014
Applicant	Nuseed Pty Ltd, Horsham, VIC.
Agent	N/A
Qualified Person	Nelson Gororo

Details of Comparative Trial	
Location	Dahlen, Horsham, VIC.
Descriptor	Rape Seed (<i>Brassica napus</i>) TG/36/6 corr.
Period	Jun-Dec 2012
Conditions	Normal growing conditions.
Trial Design	Randomised complete block design 3 replication, 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	Dahlen, Horsham, VIC

Origin and Breeding

Controlled pollination: 'ATR-Bonito' was developed from a cross made in a glasshouse at Grains Innovation Park Horsham, Victoria and progressed to F3 seed in a glasshouse in 2004. 2005: F3 seed was planted into a blackleg nursery at Wonwondah Victoria, single plants selections were taken from the F3. 2006: Single plant selection 03-53T*4029W was reselected in a blackleg disease nursery at Wonwondah to give 03-53T*4029W*504W. 2007: Line 03-53T*4029W*504W was identified as a promising line and entered into Nuseed preliminary trials and blackleg disease nurseries. 2008: Single plant selections were taken from 03-53T*4029W*504W to give 03-53T*4029W*504W-4. 2009: 03-53T*4029W*504W-4 was evaluated for resistance to blackleg disease in a disease nursery at Laharum Victoria. 2010: 03-53T*4029W*504W-4 was identified as a promising line and entered into Nuseed preliminary trials and blackleg disease nurseries. 2011: It was assigned breeders code NT0183 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. 2012: NT0183 was promoted to ACAS NVT trials, certified seed produced and decided to release NT0183 for commercial cultivation as 'ATR-Bonito'. Breeders: Nelson Gororo and Gururaj Kadkol, Nuseed Pty Ltd, Horsham, VIC.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	herbicide tolerance	triazine tolerant
Plant	height at full flowering	low to medium

Most Similar Varieties of Coon Knowledge identified (VCK)					
Name		Coents			
'ATR Cobbler'		early to medium maturity, short to medium height, triazine tolerant variety.			
'ATR Stingray'		early maturity, short height, triazine tolerant variety.			
Varieties of Coon Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Coents
'ATR-Gem'	flowering	time	medium		early to medium

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

Organ/Plant Part: Context	'ATR Bonito'	'ATR Cobbler'	'ATR Stingray'
<input type="checkbox"/> *Seed: erucic acid	absent	absent	absent
<input checked="" type="checkbox"/> Cotyledon: length	medium	short to medium	very short
<input checked="" type="checkbox"/> Cotyledon: width	broad to very broad	broad to very broad	narrow to medium
<input type="checkbox"/> *Leaf: green colour	medium	medium	medium
<input type="checkbox"/> *Leaf: lobes	present	present	present
<input checked="" type="checkbox"/> *Leaf: number of lobes	medium to many	few to medium	medium to many
<input type="checkbox"/> *Leaf: dentation of margin	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: length	long	medium to long	very short to short
<input type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only)	long to very long	long	long
<input type="checkbox"/> *Time of: flowering	early to medium	early to medium	early
<input type="checkbox"/> *Flower: colour of petals	yellow	yellow	yellow
<input type="checkbox"/> Production of: pollen	present	present	present
<input type="checkbox"/> Plant: height at full flowering	low to medium	low to medium	very low
<input checked="" type="checkbox"/> Siliqua: length	long to very long	medium	long
<input checked="" type="checkbox"/> Siliqua: length of beak	short to medium	medium	very short
<input checked="" type="checkbox"/> Siliqua: length of peduncle	short to medium	medium to long	very short
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: for spring sown trials	strong	strong	strong
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: for late sown trials	strong	strong	strong

Statistical Table

Organ/Plant Part: Context	'ATR Bonito'	'ATR Cobbler'	'ATR Stingray'
<input checked="" type="checkbox"/> Cotyledon: width (mm)			
Mean	20.50	20.03	17.44
Std. Deviation	2.02	1.94	1.22
LSD/sig	0.9	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: number of lobes (number)			
Mean	4.17	2.53	4.02
Std. Deviation	0.87	1.47	0.87
LSD/sig	0.5	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: length of petiole (mm)			
Mean	119.23	119.23	93.43
Std. Deviation	15.56	15.56	14.36
LSD/sig	8.3	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: length (mm)			
Mean	15.12	15.93	15.50
Std. Deviation	0.92	1.21	1.08
LSD/sig	0.4	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: width of petiole (mm)			
Mean	64.07	61.56	56.39
Std. Deviation	8.63	8.56	6.79
LSD/sig	4.1	ns	P≤0.01
<input checked="" type="checkbox"/> Flower: width (mm)			
Mean	8.83	7.85	8.17
Std. Deviation	0.62	7.83	0.87
LSD/sig	0.3	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: height (cm)			
Mean	106.48	106.27	105.88
Std. Deviation	4.99	8.49	8.97
LSD/sig	3.3	ns	ns
<input checked="" type="checkbox"/> Siliqua: length (mm)			
Mean	61.63	55.45	57.67
Std. Deviation	4.43	5.51	4.38
LSD/sig	2.5	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Siliqua: width (mm)			
Mean	4.30	4.06	3.89
Std. Deviation	0.38	0.51	0.58
LSD/sig	0.2	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Siliqua: beak length (mm)			
Mean	9.48	10.73	8.58
Std. Deviation	1.33	2.34	1.76
LSD/sig	0.8	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Siliqua: peduncle length(mm)			
Mean	20.38	23.62	17.85

Std. Deviation	3.00	4.29	2.63
LSD/sig	1.57	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Cotyledon : length (mm)			
Mean	10.19	9.54	8.79
Std. Deviation	0.93	0.90	0.54
LSD/sig	0.4	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **Nelson Gororo**, Dahlen, Horsham, VIC.

Details of Application	
Application Number	2012/238
Variety Name	'ATR Wahoo'
Genus Species	<i>Brassica napus</i>
Coon Name	Canola
Synonym	Nil
Accepted Date	11 Jun 2014
Applicant	Nuseed Pty. Ltd, Horsham, VIC.
Agent	N/A
Qualified Person	Nelson Gororo
Details of Comparative Trial	
Location	Dahlen, Horsham, VIC.
Descriptor	Rape Seed (<i>Brassica napus</i>) TG/36/6 corr.
Period	Jun-Dec 2012
Conditions	Normal growing conditions.
Trial Design	Randomised complete block design 3 replication, 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	Nil
Origin and Breeding	
<p>Controlled pollination: 'ATR-Wahoo' was developed from a cross made in a glasshouse at Grains Innovation Park Horsham, Victoria and progressed to F3 seed in a glasshouse in 2004. 2005: F3 seed was planted into a blackleg nursery at Wonwondah Victoria, single plants selections were taken from the F3. 2006: Single plant selection 03-53T*4029W was reselected in a blackleg disease nursery at Wonwondah to give 03-53T*4029W*504W. 2007: Line 03-53T*4029W*504W was identified as a promising line and entered into Nuseed preliminary trials and blackleg disease nurseries. 2008: Single plant selections were taken from 03-53T*4029W*504W to give 03-53T*4029W*504W-03. 2009: 03-53T*4029W*504W-03 was evaluated for resistance to blackleg disease in a disease nursery at Laharum. 2010: 03-53T*4029W*504W-03 was identified as a promising line and entered into Nuseed preliminary trials and blackleg disease nurseries. 2011: Line was assigned breeders code NT0184 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. 2012: NT0184 was promoted to ACAS NVT trials, certified seed produced and decided to release NT0183 for commercial cultivation as ATR-Wahoo .Breeders: Nelson Gororo and Gururaj Kadkol, Nuseed Pty Ltd, Horsham, VIC.</p>	

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Coon Knowledge					
Organ/Plant Part		Context		State of Expression in Group of Varieties	
Plant		herbicide tolerance		triazine tolerant	
Plant		height at full flowering		medium	
Most Similar Varieties of Coon 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.		
Varieties of Coon Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'ATR-Gem'	flowering	time	medium	short to medium	
'ATR-Stingray'	plant	height	medium	short	

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

Organ/Plant Part: Context	'ATR Wahoo'	'Bravo TT'	'Tawriffic TT'
<input type="checkbox"/> *Seed: erucic acid	absent	absent	absent
<input checked="" type="checkbox"/> Cotyledon: length	medium to long	very short to short	short to medium
<input type="checkbox"/> Cotyledon: width	broad	broad	broad
<input type="checkbox"/> *Leaf: green colour	medium	medium	medium
<input type="checkbox"/> *Leaf: lobes	present	present	present
<input type="checkbox"/> *Leaf: number of lobes	medium	few	medium
<input checked="" type="checkbox"/> Leaf: length of petiole (varieties with lobed leaves only)	very long	medium	long
<input type="checkbox"/> *Time of: flowering	medium	early to medium	early to medium
<input type="checkbox"/> *Flower: colour of petals	yellow	yellow	yellow
<input type="checkbox"/> Production of: pollen	present	present	present
<input type="checkbox"/> Plant: height at full flowering	medium	medium	medium to tall
<input checked="" type="checkbox"/> Siliqua: length	medium	short to medium	short
<input checked="" type="checkbox"/> Siliqua: length of beak	short	short	medium to long
<input checked="" type="checkbox"/> Siliqua: length of peduncle	medium	long	long
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: for spring sown trials	strong	strong	strong
<input type="checkbox"/> Tendency to form inflorescences in year of sowing: for late sown trials	strong	strong	strong

Statistical Table

Organ/Plant Part: Context	'ATR Wahoo'	'Bravo TT'	'Tawriffic TT'
<input checked="" type="checkbox"/> Cotyledon: length (mm)			
Mean	10.73	8.56	9.85
Std. Deviation	0.88	0.74	1.00
LSD/sig	0.4	P≤0.01	P≤0.01
<input type="checkbox"/> Cotyledon: width (mm)			
Mean	20.95	17.28	20.60
Std. Deviation	2.14	1.89	2.14
LSD/sig	0.9	P≤0.01	ns
<input type="checkbox"/> Leaf: number of lobes			
Mean	3.38	1.88	3.12
Std. Deviation	0.76	1.50	1.19
LSD/sig	0.5	P≤0.01	ns
<input type="checkbox"/> Leaf: length of petiole (mm)			
Mean	114.66	90.28	59.28
Std. Deviation	18.58	18.96	7.58
LSD/sig	8.3	P≤0.01	ns
<input type="checkbox"/> Leaf: width of petiole (mm)			
Mean	62.65	53.82	17.45
Std. Deviation	9.30	8.98	1.08
LSD/sig	4.1	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flower: length (mm)			
Mean	16.25	17.62	8.67
Std. Deviation	1.00	1.01	0.68
LSD/sig	0.4	P≤0.01	P≤0.01
<input type="checkbox"/> Flower: width (mm)			
Mean	9.47	9.50	119.30
Std. Deviation	0.65	0.75	6.91
LSD/sig	0.3	ns	ns
<input type="checkbox"/> Plant: height(cm)			
Mean	117.23	115.32	56.23
Std. Deviation	6.67	8.02	4.86
LSD/sig	3.3	ns	P≤0.01
<input checked="" type="checkbox"/> Siliqua: width (mm)			
Mean	4.22	4.39	10.73
Std. Deviation	0.39	0.46	1.79
LSD/sig	0.2	ns	P≤0.01
<input checked="" type="checkbox"/> Siliqua: beak length (mm)			
Mean	8.52	8.58	22.45
Std. Deviation	1.49	1.86	3.82
LSD/sig	0.8	ns	P≤0.01
<input checked="" type="checkbox"/> Siliqua: length of peduncle (mm)			
Mean	20.70	22.32	22.45
Std. Deviation	2.84	3.34	3.82
LSD/sig	1.5	P≤0.01	P≤0.01

Prior Applications and Sales

Nil

Description: **Nelson Gororo**, Dahlen, Horsham, VIC.

Details of Application	
Application Number	2013/036
Variety Name	'Adonicus Pearl'
Genus Species	<i>Hibiscus rosa-sinensis</i>
Common Name	Chinese Hibiscus
Synonym	Nil
Accepted Date	25 May 2013
Applicant	Poul Graff, Sabro, Denmark
Agent	Sprint Horticulture, Fountain Plaza, NSW
Qualified Person	John Oates

Details of Comparative Trial

Overseas Testing Authority	United State Plant Patent and Trademark Office (USPTO)
Overseas Data Reference Number	PP 24047
Location	Sabro, Denmark
Descriptor	TG/HIBIS (pro.3)
Period	2008-2009
Measurements	As according UPOV test guideline
RHS Chart - edition	2001

Origin and Breeding

Spontaneous mutation: During production of maternal parent, 'Adonicus Pink', a white/pearl flower colour mutation was observed in April 2009. Test trialling and vegetative propagation conducted from August 2009 to August 2010. The stable selection was named 'Adonicus Pearl' and PBR application commenced December 2010. Breeder: Poul Graff, Denmark.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to spreading
Leaf Blade	variegation	absent
Flower	type	single
Time of	beginning of flowering	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Adonicus'	
'Cairo 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	'Adonicus Pearl'	'Adonicus'	'Cairo White'
<input type="checkbox"/> *Plant: growth habit	upright to spreading	upright to spreading	upright to spreading
<input type="checkbox"/> Plant: height	medium	medium	medium
<input type="checkbox"/> Plant: density of branching	dense	dense	medium
<input type="checkbox"/> Branch: attitude	moderately upwards	moderately upwards	moderately upwards
<input type="checkbox"/> Branch: colour on distal part	brown	brown	brown
<input type="checkbox"/> *Leaf blade: length	medium	medium	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium	narrow to medium
<input type="checkbox"/> *Leaf blade: main colour	dark green	dark green	dark green
<input type="checkbox"/> *Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: shape (varieties without lobing only)	cordate	ovate	elliptic
<input checked="" type="checkbox"/> Leaf blade: shape of base (varieties without lobing only)	cordate	obtuse	obtuse
<input type="checkbox"/> Leaf blade: shape of apex (varieties without lobing only)	acute	acute	acute
<input type="checkbox"/> Leaf blade: undulation of margin	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf blade: type of incisions of margin	crenate	crenate	crenate
<input type="checkbox"/> *Flower: type	single	single	single
<input type="checkbox"/> Flower: opening of petals	present	present	present
<input type="checkbox"/> Flower: overlapping of petals (varieties with single and semidouble flowers only)	medium to strong	medium	medium
<input checked="" type="checkbox"/> Flower: diameter	large	large	medium
<input checked="" type="checkbox"/> *Flower: main colour	white or near white	medium red	whitish yellow
<input type="checkbox"/> Flower: eye zone	present	present	present
<input checked="" type="checkbox"/> Eye zone: main colour (RHS colour chart)	46A	53A	53A
<input type="checkbox"/> Petal: length	long	medium to long	medium
<input type="checkbox"/> Petal: width	medium to broad	medium to broad	medium
<input type="checkbox"/> *Petal: number of colours (excluding eye zone)	one	one	one
<input checked="" type="checkbox"/> *Petal: main colour of inner side (RHS Colour Chart)	155D	N57D	4A~4D
<input checked="" type="checkbox"/> *Petal: main colour of outer side (RHS Colour Chart)	11D~155B	67D	2A~2D

<input type="checkbox"/> Petal: serration	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Petal: undulation of margin	medium	weak	medium
<input checked="" type="checkbox"/> Staminal column: length (varieties with single and semi-double flowers only)	medium to long	medium	short to medium
<input checked="" type="checkbox"/> Staminal column: main colour (varieties with single and semi-double flowers only)	white	pink	yellow
<input checked="" type="checkbox"/> Stigma pad: colour	yellow	medium red	yellow
<input type="checkbox"/> Time of: beginning of flowering	early	early	early
Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	‘Adonicus Pearl’	‘Adonicus’	‘Cairo White’
<input checked="" type="checkbox"/> Flower: longevity	long	long	short

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2011	Granted	‘Adonis Pearl’
South Africa	2013	Applied	‘Adonicus Pearl’
European Union	2010	Granted	‘Adonicus Pearl’

First sold in the EU in Mar 2010 and in Australia in Feb 2011

Description: **John Oates**, Tura Beach, NSW.

Details of Application		
Application Number	2013/037	
Variety Name	'Adonicus Salmon'	
Genus Species	<i>Hibiscus rosa-sinensis</i>	
Common Name	Chinese Hibiscus	
Synonym	Nil	
Accepted Date	23 May 2013	
Applicant	Poul Graff, Sabro, Denmark	
Agent	Sprint Horticulture, Fountain Plaza, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Overseas Testing Authority	United State Plant Patent and Trademark Office (USPTO)	
Overseas Data Reference Number	PP 24046	
Location	Sabro, Denmark	
Descriptor	TG/HIBIS (pro.3)	
Period	2008-2009	
Measurements	As according UPOV test guideline	
RHS Chart - edition	RHS 2001	
Origin and Breeding		
Spontaneous mutation: During production of maternal parent, 'Adonicus (Pink)', an orange/salmon flower colour mutation was observed in March 2009. Test trialling and vegetative propagation conducted from August 2009 to August 2010. The stable selection was named 'Adonicus Salmon' and PBR applications commenced in December 2010. Breeder: Poul Graff, Sabro, Denmark.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to spreading
Leaf blade	variegation	absent
Flower	type	single
Flower	diameter	large
Time of	beginning of flowering	early to medium
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Adonicus Pink'		
'Cairo Apricot'		

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	'Adonicus Salmon'	'Adonicus Pink'	'Cairo Apricot'
<input type="checkbox"/> *Plant: growth habit	upright to spreading	upright to spreading	upright to spreading
<input type="checkbox"/> Plant: height	medium	medium	medium
<input checked="" type="checkbox"/> Plant: density of branching	dense	dense	medium
<input type="checkbox"/> Branch: attitude	moderately upwards	moderately upwards	moderately upwards
<input type="checkbox"/> Branch: colour on distal part	brown	brown	brown
<input type="checkbox"/> *Leaf blade: length	medium	medium	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium	medium
<input type="checkbox"/> *Leaf blade: main colour	dark green	dark green	dark green
<input type="checkbox"/> *Leaf blade: variegation	absent	absent	absent
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent
<input checked="" type="checkbox"/> Leaf blade: shape (varieties without lobing only)	cordate	ovate	ovate
<input checked="" type="checkbox"/> Leaf blade: shape of base (varieties without lobing only)	cordate	obtuse	cuneate
<input type="checkbox"/> Leaf blade: shape of apex (varieties without lobing only)	acute	acute	acute
<input type="checkbox"/> Leaf blade: undulation of margin	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf blade: type of incisions of margin	crenate	crenate	crenate
<input type="checkbox"/> *Flower: type	single	single	single
<input type="checkbox"/> Flower: opening of petals	present	present	present
<input checked="" type="checkbox"/> Flower: overlapping of petals (varieties with single and semi-double flowers only)	medium	strong	absent or very weak
<input type="checkbox"/> Flower: diameter	large	large	large
<input checked="" type="checkbox"/> *Flower: main colour	orange	medium red	orange
<input type="checkbox"/> Flower: eye zone	present	present	present
<input type="checkbox"/> Eye zone: size (extensions excluded)	small to medium	small	small
<input type="checkbox"/> Eye zone: extensions into petal	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Eye zone: number of colours	one	one	one
<input checked="" type="checkbox"/> Eye zone: main colour (RHS colour chart)	46A	53A	Ca 46B
<input checked="" type="checkbox"/> Petal: length	long	medium	long
<input checked="" type="checkbox"/> Petal: width	medium to broad	medium	narrow
<input type="checkbox"/> *Petal: number of colours (excluding eye zone)	one	one	one
<input checked="" type="checkbox"/> *Petal: main colour of inner side (RHS Colour Chart)	31B	N57D	-
<input checked="" type="checkbox"/> *Petal: main colour of outer side (RHS Colour Chart)	35B	67D	-

Chart)			
<input type="checkbox"/> Petal: serration	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Petal: undulation of margin	absent or very weak	weak	medium
<input checked="" type="checkbox"/> Staminal column: length (varieties with single and semi-double flowers only)	short	medium	long
<input type="checkbox"/> Staminal column: main colour (varieties with single and semi-double flowers only)	pink	pink	yellow
<input checked="" type="checkbox"/> Stigma pad: colour	medium red	medium red	yellow
<input type="checkbox"/> Time of: beginning of flowering	early	early	early to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Adonicus Salmon'	'Adonicus Pink'	'Cairo Apricot'
<input checked="" type="checkbox"/> Flower: longevity	medium	long	short

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2011	Granted	'Adonis Salmon'
South Africa	2013	Applied	'Adonicus Salmon'
European Union	2010	Granted	'Adonicus Salmon'

First sold in the EU in Mar 2011 and in Australia in Feb 2012

Description: **John Oates**, Tura Beach, NSW.

Details of Application		
Application Number	2013/035	
Variety Name	'Adonicus'	
Genus Species	<i>Hibiscus rosa-sinensis</i>	
Common Name	Chinese Hibiscus	
Synonym	Adonicus Pink	
Accepted Date	25 Sep 2013	
Applicant	Poul Graff, Sabro, Denmark	
Agent	Sprint Horticulture, Fountain Plaza, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Overseas Testing Authority	United State Plant Patent and Trademark Office (USPTO)	
Overseas Data Reference Number	PP 21592	
Location	Sabro, Denmark	
Descriptor	TG/HIBIS (pro.3)	
Period	2008-2009	
Measurements	As according UPOV test guideline	
RHS Chart - edition	RHS 2001	
Origin and Breeding		
Open pollination: The female parent, 'Caribbean Dark Pink', was pollinated by the male parent, an unknown selection of <i>Hibiscus rosa-sinensis</i> in August 2006. 'Adonicus' was then selected from among the progeny of the cross in May 2007. Selection characters included, plant: upright, dense, and bushy; leaves: glossy, dark green; flower colour: dark pink. Breeder: Poul Graff, Denmark.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	upright to spreading
Leaf blade	variegation	absent
Flower	type	single
Time of	beginning of flowering	early
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Caribbean Dark Pink'		
'Cairo Rose'		
'Adonicus Pearl'		

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	'Adonicus'	'Adonicus Pearl'	'Cairo Rose'	'Caribbean Dark Pink'
<input type="checkbox"/> *Plant: growth habit	upright to spreading	upright to spreading	upright to spreading	upright to spreading
<input type="checkbox"/> Plant: height	medium	medium	medium	medium
<input type="checkbox"/> Plant: density of branching	dense	dense	dense	dense
<input type="checkbox"/> Branch: attitude	moderately upwards	moderately upwards	moderately upwards	moderately upwards
<input type="checkbox"/> *Leaf blade: length	medium	medium	medium	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium	medium	medium
<input type="checkbox"/> *Leaf blade: main colour	dark green	dark green	dark green	dark green
<input type="checkbox"/> *Leaf blade: variegation	absent	absent	absent	absent
<input type="checkbox"/> Leaf blade: lobing	absent	absent	absent	absent
<input type="checkbox"/> Leaf blade: shape (varieties without lobing only)	ovate	ovate	ovate	ovate
<input type="checkbox"/> Leaf blade: shape of base (varieties without lobing only)	obtuse	cordate	obtuse	obtuse
<input type="checkbox"/> Leaf blade: shape of apex (varieties without lobing only)	acute	acute	acute	acute
<input type="checkbox"/> Leaf blade: type of incisions of margin	crenate	entire	crenate	crenate
<input type="checkbox"/> *Flower: type	single	single	single	single
<input type="checkbox"/> Flower: opening of petals	present	-	present	present
<input type="checkbox"/> Flower: overlapping of petals (varieties with single and semi-double flowers only)	medium to strong	medium to strong	medium to strong	medium to strong
<input checked="" type="checkbox"/> Flower: diameter	large	medium	medium	large
<input checked="" type="checkbox"/> *Flower: main colour	medium red	white or near white	medium red	medium red
<input type="checkbox"/> Flower: eye zone	present	present	present	present
<input checked="" type="checkbox"/> Eye zone: size (extensions excluded)	small	medium to large	small	small
<input type="checkbox"/> Eye zone: extensions into petal	absent or weak	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Eye zone: number of colours	one	two	one	one
<input checked="" type="checkbox"/> Eye zone: main colour (RHS colour chart)	53A	46A	Ca 53A	Ca53A
<input type="checkbox"/> Petal: length	medium	medium	short to medium	medium
<input type="checkbox"/> Petal: width	medium	medium	narrow to medium	medium
<input type="checkbox"/> *Petal: number of colours (excluding	one	one	one	one

eye zone)				
<input checked="" type="checkbox"/> *Petal: main colour of inner side (RHS Colour Chart)	N57D	155D	Ca N57D	Ca N57D
<input type="checkbox"/> *Petal: main colour of outer side (RHS Colour Chart)	67D	11B	Ca 67D	Ca 67D
<input type="checkbox"/> Petal: serration	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Petal: undulation of margin	weak	very weak to weak	medium	weak
<input type="checkbox"/> Staminal column: length (varieties with single and semi-double flowers only)	medium	medium	medium	medium
<input checked="" type="checkbox"/> Staminal column: main colour (varieties with single and semi-double flowers only)	pink	white	pink	pink
<input checked="" type="checkbox"/> Stigma pad: colour	medium red	yellow	medium red	medium red
<input type="checkbox"/> Time of: beginning of flowering	early	early	early	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Adonicus'	'Adonicus Pearl'	'Cairo Rose'	'Caribbean Dark Pink'
<input checked="" type="checkbox"/> Flower: longevity	long	long	short	short

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Japan	2010	Granted	'Adonicus'
South Africa	2013	Applied	'Adonicus'
Korea	2010	Granted	'Adonicus'
EU	2008	Granted	'Adonicus'
USA	2009	Granted	'Adonis'

First sold in the European Union in February 2009 and in Australia in February 2012.

Description: **John Oates**, Tura Beach, NSW.

Details of Application		
Application Number	2014/018	
Variety Name	'Snowball'	
Genus Species	<i>Schlumbergera truncata</i>	
Common Name	Christmas Cactus	
Synonym	Nil	
Accepted Date	12 Mar 2014	
Applicant	Tillington House Pty Ltd, Coffs Harbour, NSW	
Agent	N/A	
Qualified Person	Tony Brindley	
Details of Comparative Trial		
Location	Brindley's Nursery, 119 Morgans Road, Sandy Beach, NSW	
Descriptor	UPOV TG/101/3 (Christmas Cactus)	
Period	2014	
Conditions	Plants raised in peat bark mixture in 125mm pots under 75% shade cloth; watered as required; nutrition maintained with slow release fertiliser and regular liquid fertiliser applications through growing period; pest and disease treatments applied as required.	
Trial Design	20 un-replicated plants grown in random in a commercial shade house.	
Measurements	In accordance with UPOV TG	
RHS Chart - edition	2005	
Origin and Breeding		
Controlled pollination: Maternal 'Bridgeport' variety was cross pollinated with paternal 'Cheyene' variety in 2002. Ten seeds were sown on 28 March 2003 and ten seedlings were raised of which one was selected, being the candidate variety showing a smaller version of 'Bridgeport'. The new variety was stable through successive propagation over 8 years. Breeder: Graeme Brindley, Tillington House Pty Ltd, Coffs Harbour, NSW		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Phylloclade	length	medium
Corolla lobe	colour of middle zone	white
Corolla lobe	size of marginal zone	very large
Corolla lobe	colour of marginal zone	white
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Bridgeport'	Maternal 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	'Snowball'	'Bridgeport'
<input type="checkbox"/> Plant: growth habit	upright to semi-upright	upright to semi-upright
<input type="checkbox"/> *Plant: number of phylloclades of 3rd order	very few to few	very few
<input type="checkbox"/> *Phylloclade: length	medium	medium
<input type="checkbox"/> *Phylloclade: maximum width	medium	broad
<input checked="" type="checkbox"/> Phylloclade: colour	medium green	dark green
<input type="checkbox"/> *Phylloclade: type of incision of margin	serrate	serrate
<input type="checkbox"/> *Phylloclade: depth of incisions of margin	deep	deep
<input checked="" type="checkbox"/> Phylloclade: curvature in cross section	weak to medium	very strong
<input checked="" type="checkbox"/> Phylloclade: undulation of margin	medium	strong
<input type="checkbox"/> *Bud: colour of tip of 1.0 cm long bud	green	green
<input type="checkbox"/> Bud: intensity of colour of top of 1.0 cm long bud	light	light
<input checked="" type="checkbox"/> *Bud: shape of tip of 1.5 cm long bud	acute	round
<input checked="" type="checkbox"/> *Flower: width	medium	broad
<input type="checkbox"/> *Flower: length	medium	medium
<input type="checkbox"/> Flower: limb	flat	flat
<input checked="" type="checkbox"/> *Corolla lobe: width	medium	broad
<input checked="" type="checkbox"/> *Corolla lobe: size of macule in relation to size of lobe	small to medium	large
<input type="checkbox"/> *Corolla lobe: colour of macule (RHS colour chart)	white	white
<input type="checkbox"/> *Corolla lobe: middle zone	present	present
<input type="checkbox"/> *Corolla lobe: colour of middle zone	white	white
<input type="checkbox"/> Corolla lobe: border between zones	diffuse	diffuse
<input type="checkbox"/> *Corolla lobe: size of marginal zone	very large	very large
<input type="checkbox"/> *Corolla lobe: colour of marginal zone (RHS colour chart)	NN155C	NN155C
<input type="checkbox"/> Corolla tube: shape of mouth	elliptic	circular
<input type="checkbox"/> Corolla tube: coloured ring at the mouth	present	present

<input checked="" type="checkbox"/> Corolla tube: width of coloured ring at the mouth	narrow	broad
<input type="checkbox"/> Stamen: length beyond the mouth	medium	medium
<input type="checkbox"/> Stamen: colour of filament	white	white
<input type="checkbox"/> Pistil: length beyond the mouth	medium to long	medium to long
<input type="checkbox"/> Stigma: colour	purple	purple
<input type="checkbox"/> Ovary: colour	green	green
<input type="checkbox"/> Time of: beginning of flowering	medium to late	late
<input type="checkbox"/> Duration of: flowering	long	long

Prior Applications and Sales

Prior applications: nil.

First sold in Australia in June 2013.

Description: **Tony Brindley**, Coff's Harbour, NSW.

Details of Application		
Application Number	2014/019	
Variety Name	'Fireball'	
Genus Species	<i>Schlumbergera truncata</i>	
Common Name	Christmas Cactus	
Synonym	Nil	
Accepted Date	12 Mar 2014	
Applicant	Tillington House Pty Ltd, Coffs Harbour, NSW	
Agent	N/A	
Qualified Person	Tony Brindley	
Details of Comparative Trial		
Location	Brindley's Nursery, 119 Morgans Road, Sandy Beach, NSW	
Descriptor	UPOV TG/101/3 (Christmas Cactus)	
Period	2014	
Conditions	Plants raised in peat bark mixture in 125mm pots under 75% shade cloth; watered as required; nutrition maintained with slow release fertiliser and regular liquid fertiliser applications through growing period; pest and disease treatments applied as required.	
Trial Design	20 un-replicated plants grown in random in a commercial shade house.	
Measurements	In accordance with UPOV TG	
RHS Chart - edition	2005	
Origin and Breeding		
Open pollination: Seeds were collected from an open pollinated variety ZH19644 in research area and sown on 28 March 2003. Fifty four seedlings were raised of which one was selected, being the candidate variety showing rounded tepal blades and later flowering. The variety was stable through successive propagation over 8 years. Breeder: Graeme Brindley, Tillington House Pty Ltd, Coffs Harbour, NSW		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	number of phylloclades of 3rd order	very few to few
Corolla lobe	middle zone	present
Corolla lobe	size of marginal zone	medium to large or medium
Corolla lobe	colour of marginal zone	orange-red
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Blazing Fantasy'		

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	'Fireball'	'Blazing Fantasy'
<input type="checkbox"/> Plant: growth habit	semi-upright to horizontal	semi-upright
<input type="checkbox"/> *Plant: number of phylloclades of 3rd order	very few to few	very few to few
<input type="checkbox"/> *Phylloclade: length	long	medium to long
<input type="checkbox"/> *Phylloclade: maximum width	broad	medium to broad
<input type="checkbox"/> Phylloclade: colour	medium green	medium green
<input type="checkbox"/> *Phylloclade: type of incision of margin	serrate	serrate
<input type="checkbox"/> *Phylloclade: depth of incisions of margin	medium to deep	medium to deep
<input checked="" type="checkbox"/> Phylloclade: curvature in cross section	medium to strong	weak to medium
<input checked="" type="checkbox"/> Phylloclade: undulation of margin	medium	weak
<input checked="" type="checkbox"/> *Bud: colour of tip of 1.0 cm long bud	pink	purple
<input type="checkbox"/> Bud: intensity of colour of top of 1.0 cm long bud	medium	medium
<input type="checkbox"/> *Bud: shape of tip of 1.5 cm long bud	acute	acute
<input type="checkbox"/> *Flower: width	broad	broad
<input checked="" type="checkbox"/> *Flower: length	medium	long
<input checked="" type="checkbox"/> Flower: limb	flat	reflexed
<input checked="" type="checkbox"/> *Corolla lobe: width	broad	medium
<input checked="" type="checkbox"/> *Corolla lobe: size of macule in relation to size of lobe	large	medium
<input checked="" type="checkbox"/> *Corolla lobe: colour of macule (RHS colour chart)	white	red (38C)
<input type="checkbox"/> *Corolla lobe: middle zone	present	present
<input checked="" type="checkbox"/> *Corolla lobe: colour of middle zone	orange	red
<input type="checkbox"/> Corolla lobe: border between zones	diffuse	diffuse
<input type="checkbox"/> *Corolla lobe: size of marginal zone	medium to large	medium
<input checked="" type="checkbox"/> *Corolla lobe: colour of marginal zone (RHS colour chart)	33B	35A changing to 43B
<input type="checkbox"/> Corolla tube: shape of mouth	broad elliptic	elliptic
<input type="checkbox"/> Corolla tube: coloured ring at the mouth	present	present

<input type="checkbox"/> Corolla tube: width of coloured ring at the mouth	narrow to medium	narrow
<input type="checkbox"/> Stamen: length beyond the mouth	medium	medium
<input type="checkbox"/> Stamen: colour of filament	white	white
<input type="checkbox"/> Pistil: length beyond the mouth	medium	medium
<input type="checkbox"/> Stigma: colour	purple	purple
<input type="checkbox"/> Ovary: colour	green	green
<input checked="" type="checkbox"/> Time of: beginning of flowering	medium	very early to early
<input type="checkbox"/> Duration of: flowering	medium to long	medium to long
<u>Characteristics Additional to the Descriptor/TG</u>		
Organ/Plant Part: Context	‘Fireball’	‘Blazing Fantasy’
<input checked="" type="checkbox"/> Tepal: blade shape	round	acute

Prior Applications and Sales

Prior applications: nil.

First sold in Australia in June 2013.

Description: **Tony Brindley**, Coff's Harbour, NSW.

Details of Application		
Application Number	2011/117	
Variety Name	'Spricorfantasy'	
Genus Species	<i>Cordyline australis</i>	
Common Name	Cordyline	
Synonym	Nil	
Accepted Date	03 Aug 2011	
Applicant	Sprint Horticulture Pty Ltd, Wamberal, NSW	
Agent	N/A	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Wamberal, NSW	
Descriptor	National Descriptor for Cordyline (PBR CORD)	
Period	Summer-Autumn 2014	
Conditions	Trial conducted in 200mm pots in a standard soilless potting mixture outside under ambient conditions at Wamberal, NSW. Nutrition maintained with slow release fertilizer, irrigation by overhead watering when required, pest and disease treatments not required.	
Trial Design	Completely randomised design.	
Measurements	Random selection from 10 plants.	
RHS Chart - edition	2007	
Origin and Breeding		
Spontaneous mutation: <i>Cordyline australis</i> 'Torbay Dazzler'. A single spontaneous mutation was observed in 2009 during propagation of 'Torbay Dazzler' due to the appearance of narrow leaf width combined with attractive variegation. It was subsequently tested over the next year in order to confirm stable reproduction of this trait. There were no reversions during this period and it was considered to be a distinct new variety which could be reproduced vegetatively through micropropagation by 2010. The parent is characterised by its green with white leaf variegation. Selection took place in Zhejiang, China. Selection criteria: presence of a prominent leaf variegation, attractive seasonal leaf colour change. Propagation: vegetative, by micropropagation. Breeder: Prof. Chen Jian Ping, Zhejiang, China.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height of foliage	tall
Stem	branching	absent
Leaf	length	long
Leaf	number of colours on upper side	more than two
Leaf	distribution of secondary colour on upper side	margin zone

Most Similar Varieties of Common Knowledge identified (VCK)			
Name		Comments	
'Torbay Dazzler'		parent form	
Varieties of Common Knowledge identified and subsequently excluded			
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Pink Champagne'	Leaf : colour of base	cream	pink
'LND02'	Leaf: prominence of secondary colour (margin)	medium	very strong

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

Organ/Plant Part: Context	'Spricorfantasy'	'Torbay Dazzler'
<input type="checkbox"/> Plant: height of foliage	tall	tall
<input type="checkbox"/> Stem: branching	absent	absent
<input type="checkbox"/> Leaf: length	long	long
<input type="checkbox"/> Leaf: width at broadest part	medium	medium
<input type="checkbox"/> Leaf: number of colours on upper side	more than two	more than two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	148A	147A
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (RHS Colour Chart)	160A	160B
<input type="checkbox"/> Leaf: distribution of secondary colour on upper side	margin zone	margin zone
<input type="checkbox"/> Leaf: tertiary colour of upper side	red	red
<input type="checkbox"/> Leaf: distribution of tertiary colour on upper side	midvein	midvein
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	semi-erect	semi-erect
<input type="checkbox"/> Leaf: attitude of top half of leaf	semi-erect	semi-erect
<input type="checkbox"/> Plant: suckering	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Spricorfantasy'	'Torbay Dazzler'
<input checked="" type="checkbox"/> Immature leaf: main colour of upper side (RHS)	ca 147A	148A
<input checked="" type="checkbox"/> Immature leaf : secondary colour of upper side (RHS)	162A	160B
<input checked="" type="checkbox"/> Leaf: width of secondary colour of upper side	medium	broad

Statistical Table		
Organ/Plant Part: Context	'Spricorfantasy'	'Torbay Dazzler'
<input type="checkbox"/> Leaf: width at widest point (mm)		
Mean	20.20	19.80
Std. Deviation	0.80	1.60
LSD/sig	1.64	ns
<input checked="" type="checkbox"/> Leaf: width of secondary coloured margin (mm)		
Mean	3.10	4.50
Std. Deviation	0.80	0.60
LSD/sig	0.95	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2011	Granted	'Spricorfantasy'

First sold in Australia in Sep 2010.

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

Details of Application		
Application Number	2010/170	
Variety Name	'Spricorhapso'	
Genus Species	<i>Cordyline australis</i>	
Common Name	Cordyline	
Synonym	Nil	
Accepted Date	21 Jun 2011	
Applicant	Sprint Horticulture Pty Ltd, Wamberal, NSW	
Agent	N/A	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Wamberal, NSW	
Descriptor	National Descriptor for Cordyline (PBR CORD)	
Period	Summer-Autumn 2014	
Conditions	Trial conducted in 200mm pots in a standard soilless potting mixture outside under ambient conditions at Wamberal, NSW. Nutrition maintained with slow release fertilizer, irrigation by overhead watering when required, pest and disease treatments not required.	
Trial Design	Completely randomised design.	
Measurements	Random selection from 10 plants.	
RHS Chart - edition	2007	
Origin and Breeding		
Spontaneous mutation: <i>Cordyline australis</i> 'Red Star'. A single spontaneous mutation was observed in 2004 during propagation of 'Red Star' due to the appearance of pink leaf coloration. It was subsequently tested over the next 4 years in order to confirm stable reproduction of this trait. There were no reversions during this period and it was considered to be a distinct new variety which could be reproduced vegetatively through micropropagation by 2008. The parent is characterised by its reddish leaf colouration and upright plant growth habit. Selection took place in Zhejiang, China. Selection criteria: deep pink coloration with a contrasting brown variegation. Propagation: vegetative by micropropagation. Breeder: Prof. Chen Jian Ping, Zhejiang, China.		
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	number of colours on upper side	more than two
Leaf	distribution of secondary colour on upper side	margin zone
Leaf	distribution of tertiary colour on upper side	margin edge
Leaf	tertiary colour of upper side	white

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Cherry Sensation'					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'LEL C03' syn Sunrise	Leaf blade	secondary colour	red purple	red	overall colouring of candidate is more greyed and variegation is more prominent

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	'Spricorhapso'	'Cherry Sensation'
<input checked="" type="checkbox"/> Plant: height of foliage	medium	tall
<input type="checkbox"/> Stem: branching	absent	absent
<input checked="" type="checkbox"/> Leaf: length	medium	long
<input checked="" type="checkbox"/> Leaf: width at broadest part	broad	medium
<input type="checkbox"/> Leaf: number of colours on upper side	more than two	more than two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	N199A	200B
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (RHS Colour Chart)	64D	158A
<input type="checkbox"/> Leaf: distribution of secondary colour on upper side	margin zone	margin zone
<input type="checkbox"/> Leaf: tertiary colour of upper side	white	white
<input type="checkbox"/> Leaf: distribution of tertiary colour on upper side	margin edge	margin edge
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> Leaf: attitude of top half of leaf	semi-erect	horizontal

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Spricorhapso'	'Cherry Sensation'
<input checked="" type="checkbox"/> Immature leaf: main colour of upper side (RHS)	200B	200A
<input type="checkbox"/> Immature leaf : secondary colour of upper side (RHS)	180A	180A
<input checked="" type="checkbox"/> Immature leaf: tertiary colour on margin edge	present and white	absent

Statistical Table		
Organ/Plant Part: Context	‘Spricorhapso’	‘Cherry Sensation’
<input checked="" type="checkbox"/> Leaf: width at broadest point (mm)		
Mean	16.80	15.00
Std. Deviation	0.70	1.30
LSD/sig	1.34	$P \leq 0.01$

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2010	Granted	‘Spricorhapso’
EU	2011	Applied	‘Spricorhapso’

First sold in Australia in Jul 2009.

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

Details of Application		
Application Number	2014/058	
Variety Name	'Taray'	
Genus Species	<i>Cucumis sativus</i>	
Common Name	Cucumber	
Synonym	Nil	
Accepted Date	11 Apr 2014	
Applicant	Nunhems B.V., Haelen, The Netherlands	
Agent	Shelston IP, Sydney, NSW	
Qualified Person	John Oates	
Details of Comparative Trial		
Overseas Testing Authority	Naktuinbouw, The Netherlands	
Overseas Data Reference Number	KMK01016	
Location	Naktuinbouw, Roelofarendsveen, The Netherlands	
Descriptor	<i>Cucumis sativus</i> UPOV TG/61/7	
Period	2012-2013	
Measurements	In accordance with UPOV technical guidelines	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled Pollination: 'HGA-H25' x HT21 (YPCP28*H(D9*YPCP28))-H24. Parental line development via Doubled Haploid technique. Both parents were crossed and selection was performed in Almeria en Granada in Spain. Hybrids were produced in The Netherlands. Breeder: Nunhems 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
Cotyledon	bitterness	absent
Plant	sex expression	gynoecious
Ovary	colour of vestiture	white
Fruit	parthenocarpy	present
Fruit	length	long
Fruit	ground colour of skin at market stage	green
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Laredo'		
'Rijana'		

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	'Taray'	'Laredo'	'Rijana'
<input type="checkbox"/> Plant: growth type	indeterminate	indeterminate	indeterminate
<input type="checkbox"/> Plant: total length of first 15 internodes	medium to long	medium to long	long
<input type="checkbox"/> Leaf: size of blade	medium to large	medium to large	medium to large
<input checked="" type="checkbox"/> Leaf: intensity of green colour	dark	medium to dark	medium to dark
<input type="checkbox"/> Leaf: blistering	weak to medium	weak to medium	weak
<input type="checkbox"/> Leaf: undulation of margin	medium	medium	medium
<input type="checkbox"/> Leaf: ratio length/width of terminal lobe	equal to 1	equal to 1	less than 1
<input type="checkbox"/> *Plant: sex expression	almost exclusively female flowers	almost exclusively female flowers	almost exclusively female flowers
<input type="checkbox"/> Plant: number of female flowers per node	one to three	one to three	one to three
<input type="checkbox"/> *Young fruit: colour of vestiture	white	white	white
<input type="checkbox"/> *Parthenocarpy:	present	present	present
<input type="checkbox"/> *Fruit: length	long	long	long to very long
<input type="checkbox"/> Fruit: diameter	medium	medium	medium
<input type="checkbox"/> Fruit: ratio length/diameter	large	large	large
<input type="checkbox"/> Fruit: core diameter in relation to diameter of fruit	medium	medium	small to medium
<input type="checkbox"/> *Fruit: predominant shape of stem end at market stage	acute	acute	acute
<input type="checkbox"/> Fruit: length of neck	short to medium	short to medium	short to medium
<input type="checkbox"/> Fruit: shape of calyx end at market stage	obtuse	obtuse	obtuse
<input type="checkbox"/> *Fruit: ground colour of skin at market stage	green	green	green
<input checked="" type="checkbox"/> Fruit: intensity of ground colour of skin	medium to dark	medium	medium to dark
<input type="checkbox"/> *Fruit: ribs	absent	absent	absent
<input type="checkbox"/> Fruit: vestiture	sparse	sparse	very sparse to sparse
<input type="checkbox"/> Fruit: warts	absent	absent	absent
<input type="checkbox"/> Fruit: stripes	absent	absent	absent
<input type="checkbox"/> Fruit: mottling	absent	absent	absent
<input type="checkbox"/> Fruit: length of peduncle	long	long	long
<input type="checkbox"/> Fruit: ground colour of skin at physiological ripening	yellow	yellow	yellow
<input type="checkbox"/> *Cotyledon: bitterness	absent	absent	absent
<input type="checkbox"/> Resistance to: <i>Cladosporium cucumerinum</i>	present	present	present

<input type="checkbox"/> Resistance to: <i>Cucumis Mosaic Virus (CMV)</i>	absent	absent	absent
Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	'Taray'	'Laredo'	'Rijana'
<input checked="" type="checkbox"/> Flowers: time of development of female flowers	medium to late	medium	medium to late
<input type="checkbox"/> Resistance: Powdery mildew <i>Podosphaera xanthii</i>	present	present	present
<input type="checkbox"/> Resistance: <i>Coryneospora</i> blight and target leaf spot	present	present	present
<input type="checkbox"/> Resistance: Cucumber vein yellowing virus	present	present	present
<input checked="" type="checkbox"/> Leaf blade: shape of apex of terminal lobe	right angled to acute	right angled to acute	acute to right angled

First sold in Spain in Dec 2011.

Description: **John Oates**, Tura Beach, NSW.

Details of Application		
Application Number	2012/285	
Variety Name	'Betulia Candy'	
Genus Species	<i>Begonia x hiemalis</i>	
Common Name	Elatior Begonia, Winter-flowering begonia	
Synonym	Nil	
Accepted Date	30 Jan 2013	
Applicant	Koppe Royalty B.V. Putten, The Netherlands	
Agent	Crop & Nursery Services, Macmasters Beach, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Macmasters Beach, NSW	
Descriptor	PBR GEN DES (General Descriptor)	
Period	September-December 2013	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen plants of each variety arranged in a completely randomised design.	
Measurements	From ten plants at random	
RHS Chart - edition	2007	
Origin and Breeding		
<p>Induced mutation: 'Betulia Bright Pink'. The parent is characterised by a bright pink flower colour ca red purple N57A. A single plant was selected in 200 in Ermelo, The Netherlands. It was reproduced asexually and found to be uniform and stable. Introduced to micropropagation in 2009 and DUS reconfirmed. It was named 'Betulia Candy'. Selection criteria: same growth habit as other Betulia varieties (compact, rounded, flowers above foliage), attractive pink flower colour. Propagation: vegetative, cuttings and micropropagation are found to be uniform and stable. All work was carried out at Macmasters Beach, NSW. Breeder: Lubbertus H. Koppe, Putten, The Netherlands.</p>		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	short to medium
Plant	width	medium
Leaf blade	base	moderately open
Flower	colour group	pink
Flower	width	medium
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Betulia Light Pink'		

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

Organ/Plant Part: Context	'Betulia Candy'	'Betulia Light Pink'
<input type="checkbox"/> *Plant: height	short to medium	short
<input type="checkbox"/> *Plant: width	medium	medium
<input type="checkbox"/> Petiole: anthocyanin colouration on upper side	medium to strong	medium to strong
<input checked="" type="checkbox"/> *Leaf blade: length of midrib	short	medium
<input checked="" type="checkbox"/> *Leaf blade: width	medium	broad
<input type="checkbox"/> *Leaf blade: colour of upper side	dark green	dark green
<input type="checkbox"/> Leaf blade: colour of lower side	light green	light green
<input type="checkbox"/> Leaf blade: base	moderately open	moderately open
<input type="checkbox"/> Leaf blade: angle of apex	moderately acute to right angled	moderately acute to right angled
<input type="checkbox"/> Leaf blade: incisions of margin	shallow	shallow
<input type="checkbox"/> Leaf blade: undulation of margin	weak to medium	medium
<input type="checkbox"/> Bract: size	small	small
<input type="checkbox"/> Bract: colour	green	green
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> *Flower: number of petals (varieties with double flowers only)	few	few
<input type="checkbox"/> *Flower: length	short to medium	medium
<input type="checkbox"/> *Flower: width	medium	medium
<input type="checkbox"/> *Flower: number of colours	one	one
<input checked="" type="checkbox"/> *Outer petal: colour of margin of upper side (RHS colour chart)	63C	56D
<input checked="" type="checkbox"/> *Outer petal: colour of middle of upper side (RHS colour chart)	63C	56D
<input type="checkbox"/> *Outer petal: incisions of margin	absent or very shallow	very shallow to shallow
<input checked="" type="checkbox"/> *Inner petal: colour of margin of upper side (RHS colour chart)	63C	56D
<input checked="" type="checkbox"/> *Inner petal: colour of middle of upper side (RHS colour chart)	63C	56D
<input type="checkbox"/> Inner petal: incisions of margin	absent or very shallow	absent or very shallow
<input type="checkbox"/> Inner petal: undulation of margin	absent or very weak	absent or very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2010	Granted	'Betulia Candy'
Norway	2012	Granted	'Betulia Candy'
USA	2012	Granted	'Betulia Candy'

First sold in The Netherlands in Oct 2011.

Description: **Ian Paananen**, Crop and Nursery Services, Macmasters Beach, NSW.

Details of Application		
Application Number	2006/283	
Variety Name	'Uta'	
Genus Species	<i>Pyrus communis</i>	
Common Name	European Pear	
Synonym	Nil	
Accepted Date	15 Feb 2007	
Applicant	Sächsische Landesanstalt für Landwirtschaft, Dresden, Germany	
Agent	Crop & Nursery Services, Macmasters Beach, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Overseas Testing Authority	Bundessortenamt, Germany	
Overseas Data Reference Number	BRN 14	
Location	Cambridge, TAS	
Descriptor	Pear (<i>Pyrus communis</i>) TG/15/3	
Period	2012 - 2014	
Conditions	Overseas data was verified in Australia by local observations at Cambridge, Tasmania in the APFIP repository. Trial of the candidate was conducted with typical commercial conditions during the growth cycle prior to assessment. Comparisons of characteristics are based on German trials, which were assessed at Hannover, Germany. Plants were grown according to standard commercial practice, pest and disease treatments applied as required.	
Trial Design	completely randomised design	
Measurements	completely random selection from trial beds	
RHS Chart - edition	2007	
Origin and Breeding		
Controlled pollination: seed parent 'Madame Verte' x pollen parent 'Bosc's Flaschenbirne', in a planned breeding program at Naumburg/Saale, Germany in 1973. The seed parent is characterised by a small fruit diameter, medium-poor fruit quality and high incidence of scab infection. The pollen parent is characterised by a medium cold storage suitability and high incidence of scab infection. Selection criteria: good fruit quality, yield storability and reduced disease resistance. Propagation: vegetative by budding. Breeder: Dr Manfred Fischer, Dresden, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	size	medium-large
Fruit	ground colour of skin	yellow green
Fruit	relative area of over colour	absent or very low

Fruit	Russet of skin	present		
Fruit	intensity of russet of skin	very strong		
Most Similar Varieties of Common Knowledge identified (VCK)				
Name	Comments			
‘Madame Verte’	parent variety			
Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Prasident Heron’				
‘Comice’	Fruit	russet of skin	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	‘Uta’	‘Madame Verte’
<input type="checkbox"/> Tree: vigour	weak to medium	weak to medium
<input type="checkbox"/> *Tree: branching	medium to strong	medium to strong
<input type="checkbox"/> *Tree: habit	spreading	spreading
<input type="checkbox"/> One-year-old shoot: length of internode	medium	-
<input type="checkbox"/> One-year-old shoot: predominant colour on sunny side	grey brown	-
<input type="checkbox"/> One-year-old shoot: number of lenticels	medium to many	-
<input type="checkbox"/> *One-year-old shoot: shape of apex of vegetative bud	acute	-
<input type="checkbox"/> *One-year-old shoot: position of vegetative bud in relation to shoot	markedly held out	-
<input type="checkbox"/> *Leaf blade: attitude in relation to shoot	downwards	-
<input checked="" type="checkbox"/> *Leaf blade: length	short to medium	long to very long
<input type="checkbox"/> *Leaf blade: width	narrow to medium	-
<input type="checkbox"/> *Leaf blade: ratio length/width	large	-
<input type="checkbox"/> Leaf blade: shape of base	right-angled	-
<input type="checkbox"/> Leaf blade: shape of apex	acute	-
<input type="checkbox"/> Leaf blade: incisions of margin	bluntly serrate	-
<input type="checkbox"/> *Petiole: length	short to medium	-
<input type="checkbox"/> Fruit: length	short to medium	-
<input type="checkbox"/> Fruit: maximum diameter	large	-
<input type="checkbox"/> *Fruit: ratio length/diameter	very small to small	-
<input checked="" type="checkbox"/> *Fruit: position of maximum diameter	in middle	clearly towards calyx
<input type="checkbox"/> *Fruit: size	medium to large	medium

<input checked="" type="checkbox"/> Fruit: symmetry	slightly asymmetric	symmetric
<input checked="" type="checkbox"/> *Fruit: profile of sides	concave	straight
<input type="checkbox"/> *Fruit: ground colour of skin	yellow green	yellow
<input type="checkbox"/> *Fruit: relative area of over colour	absent or very small	absent or very small
<input type="checkbox"/> Fruit: relative area of russet around eye basin	very large	large to very large
<input type="checkbox"/> Fruit: relative area of russet on cheeks	very large	large to very large
<input type="checkbox"/> Fruit: relative area of russet around stalk attachment	very large	large to very large
<input type="checkbox"/> *Fruit: length of stalk	medium	medium
<input checked="" type="checkbox"/> *Fruit: thickness of stalk	thin to medium	thick
<input type="checkbox"/> Fruit: curvature of stalk	weak	-
<input type="checkbox"/> *Fruit: attitude of stalk in relation to axis of fruit	straight	-
<input type="checkbox"/> *Fruit: depth of stalk cavity	medium	-
<input type="checkbox"/> *Fruit: eye basin	present	-
<input type="checkbox"/> *Fruit: depth of eye basin	medium	-
<input type="checkbox"/> *Fruit: width of eye basin	medium	-
<input type="checkbox"/> *Seed: shape	ovate	-
<input type="checkbox"/> *Time of: beginning of flowering	medium	-
<input type="checkbox"/> *Time of: maturity for consumption	late	-

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Germany	1993	Granted	'Uta'
South Africa	2006	Applied	'Uta'
Canada	2006	Applied	'Uta'
New Zealand	2006	Applied	'Uta'
Argentina	2009	Granted	'Uta'
Japan	2006	Applied	'Uta'
Uruguay	2007	Applied	'Uta'
Chile	2006	Granted	'Uta'
Czech Republic	2002	Applied	'Uta'
Slovenia	2002	Granted	'Uta'
European Union	1999	Granted	'Uta'
Poland	2001	Applied	'Uta'
Brazil	2006	Granted	'Uta'
Turkey	2006	Granted	'Uta'

First sold in Germany in Oct 2000.

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

Details of Application		
Application Number	2012/052	
Variety Name	'Sprilecstar'	
Genus Species	<i>Cordyline banksii</i>	
Common Name	Forest Cabbage Tree	
Synonym	Nil	
Accepted Date	22 May 2012	
Applicant	Sprint Horticulture Pty Ltd, Wamberal, NSW	
Agent	N/A	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Wamberal, NSW	
Descriptor	National Descriptor for Cordyline (PBR CORD)	
Period	summer-autumn 2014	
Conditions	Trial conducted in 200mm pots in a standard soilless potting mixture outside under ambient conditions at Wamberal, NSW. Nutrition maintained with slow release fertilizer, irrigation by overhead watering when required, pest and disease treatments not required.	
Trial Design	Completely randomised design.	
Measurements	Random selection from 10 plants.	
RHS Chart - edition	2007	
Origin and Breeding		
Spontaneous mutation: 'CBV50.1.' A single spontaneous mutation was observed in 2003 due to the appearance of an attractive variegation. It was subsequently tested over the next 6 years in order to confirm stable reproduction of this trait. There were no reversions during this period and it was considered to be a distinct new variety which could be reproduced vegetatively through micropropagation by 2009. The parent is characterised by its purple leaf colour and an absence of leaf variegation. Selection took place in Zhejiang, China. Selection criteria: stable reproducing brown/green variegated form. Propagation: vegetative, by micropropagation. Breeder: Prof. Chen Jian Ping, Zhejiang, China.		
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	suckering	present
Plant	number of basal shoots	more than one
Stem	branching	absent
Leaf	width	medium-broad
Leaf	main colour of upper side	brown
Leaf	attitude of top half of leaf	semi-erect

Most Similar Varieties of Common Knowledge identified (VCK)			
Name		Comments	
'Purple Sensation'			
Varieties of Common Knowledge identified and subsequently excluded			
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Red Fountain'	Leaf: main colour	brown and green	greyed-purple
'Sprilecpink'	Leaf: main colour	brown and green	pink

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

Organ/Plant Part: Context	'Sprilecstar'	'Purple Sensation'
<input type="checkbox"/> Plant: height of foliage	medium to tall	tall
<input type="checkbox"/> Stem: branching	absent	absent
<input type="checkbox"/> Leaf: length	medium to long	long
<input type="checkbox"/> Leaf: width at broadest part	medium to broad	medium to broad
<input checked="" type="checkbox"/> Leaf: number of colours on upper side	more than two	two
<input checked="" type="checkbox"/> Leaf: main colour of upper side (RHS Colour Chart)	200B	200A
<input checked="" type="checkbox"/> Leaf: secondary colour of upper side (RHS Colour Chart)	146A	183A
<input checked="" type="checkbox"/> Leaf: distribution of secondary colour on upper side	margin zone	middle zone
<input checked="" type="checkbox"/> Leaf: tertiary colour of upper side	yellow green	
<input checked="" type="checkbox"/> Leaf: distribution of tertiary colour on upper side	midvein	
<input type="checkbox"/> Leaf: attitude of bottom half of leaf	semi-erect	erect to semi-erect
<input type="checkbox"/> Leaf: attitude of top half of leaf	semi-erect	semi-erect
<input type="checkbox"/> Plant: suckering	present	present
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium

Statistical Table		
Organ/Plant Part: Context	'Sprilecstar'	'Purple Sensation'
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	27.10	23.80
Std. Deviation	2.20	2.20
LSD/sig	2.86	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2013	Applied	'Sprilecstar'
USA	2012	Granted	'Sprilecstar'

First sold in Australia in May 2011.

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

Details of Application		
Application Number	2012/033	
Variety Name	'Ken04'	
Genus Species	<i>Gardenia augusta</i>	
Common Name	Gardenia	
Synonym	Nil	
Accepted Date	06 Nov 2012	
Applicant	Kenthurst Nursery Pty Ltd, Kenthurst, NSW	
Agent	Ozbreed Pty Ltd, Clarendon, NSW	
Qualified Person	Peter Abell	
Details of Comparative Trial		
Location	Ozbreed, Cupitts Lane, Clarendon, NSW	
Descriptor	National Descriptor for Gardenia (PBR GARD)	
Period	June 2013 to May 2014	
Conditions	Open nursery area with automatic overhead irrigation. Climatic conditions typical for the area near Windsor for the summer to winter period of the trial. Plants were potted into 140mm standard pots and fertilised with a single top dressing of controlled release fertiliser which lasted for the period of the trial.	
Trial Design	Two blocks each containing 15 plants each of the candidate and nearest variety of common knowledge (VCK). All plants were reproduced from cuttings.	
Measurements	The data taken reflects the characteristics of the candidate variety and how it differs from the most similar VCK.	
RHS Chart - edition	2001	
Origin and Breeding		
Spontaneous mutation: In February 2004, during routine maintenance work in the nursery a sport was noticed on production stock of <i>Gardenia augusta</i> 'Radicans'. The sport was observed closely for several months to assess its stability. Pieces were propagated from this to stabilise the sport. This was successful and over ten generations have been propagation with no off types being observed. The variety 'Ken04' retains the original character it was selected for. It was noted during development that it produces more flower than its parent. Breeder: Kenthurst Nursery Pty Ltd, Kenthurst, NSW.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Plant	growth habit	spreading
Leaf	presence of variegation	absent
Flower	diameter	small to medium
Flower	type	semi-double

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	Comments
<i>Gardenia augusta</i> 'Radicans'	This is the parent and the shortest growing cultivar

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	'Ken04'	'Radicans'
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	spreading	spreading
<input checked="" type="checkbox"/> Plant: height	very short to short	short to medium
<input type="checkbox"/> Plant: width	narrow to medium	medium
<input type="checkbox"/> Plant: vigour	medium	medium
<input checked="" type="checkbox"/> Plant: branching	strong	weak to medium
<input checked="" type="checkbox"/> Leaf: shape	oblanceolate	lanceolate
<input checked="" type="checkbox"/> Leaf: shape of apex	obtuse	acuminate
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input checked="" type="checkbox"/> Leaf: undulation of the margin	very weak to weak	weak to medium
<input type="checkbox"/> Leaf: glossiness of upper side	strong	strong
<input type="checkbox"/> Leaf: green colour	medium to dark	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Leaf : number of colours	one	one
<input type="checkbox"/> Flower: type	semi-double	semi-double
<input type="checkbox"/> Flower: diameter	small to medium	small to medium
<input type="checkbox"/> Flower: length of floral tube	small to medium	small to medium
<input checked="" type="checkbox"/> Flower: number of petals (for semi-double and double flowers)	few to medium	medium to many
<input type="checkbox"/> Flower: fragrance	present	present
<input checked="" type="checkbox"/> Flower: degree of reflexing of outer row of petals	weak	medium to strong
<input type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	ca N155A	ca N155A
<input checked="" type="checkbox"/> Petal: reflexing of margin	weak	medium to strong
<input type="checkbox"/> Petal: incision	absent or very weak	absent or very weak

<input type="checkbox"/> Petal: undulation	medium	medium
<input checked="" type="checkbox"/> Petal: width	very narrow to narrow	medium
<input type="checkbox"/> Petal: overlapping	present	present
<input type="checkbox"/> Sepal: position in relation to floral tube	basal half	basal three quarter
Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	‘Ken04’	‘Radicans’
<input type="checkbox"/> Leaf: primary colour of upper side (RHS 2001)	139A darker than	139A
Statistical Table		
Organ/Plant Part: Context	‘Ken04’	‘Radicans’
<input checked="" type="checkbox"/> Leaf: length (mm)		
mean	39.2	48.3
Std deviation	3.6	4.3
LSD/sig	5.14	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
mean	8.7	14.9
Std deviation	1.4	0.6
LSD/sig	1.36	P≤0.01
<input type="checkbox"/> Leaf: length / width ratio		
mean	4.6	3.3
Std deviation	0.8	0.2
LSD/sig	0.75	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application		
Application Number	2010/151	
Variety Name	'Sheegene 5'	
Genus Species	<i>Vitis vinifera</i>	
Common Name	Grape vine	
Synonym	Early Globe	
Accepted Date	08 November 2010	
Applicant	Sheehan Genetics LLC, USA	
Agent	Sheehan Genetics Australia Pty Ltd, Emerald, VIC	
Qualified Person	Alison MacGregor	
Details of Comparative Trial		
Location	Irymple, VIC	
Descriptor	Grapevine UPOV TG/50/9	
Period	September 2010 to February 2014	
Conditions	'Sheegene-5' vines were field grafted onto Ramsey rootstock in a commercial table grape vineyard in North West VIC in September 2010. Plant measurements commenced in January 2013 and were completed in February 2014. The vines were managed according to the weed, nutrition, irrigation and pest management program of the rest of the vineyard.	
Trial Design	Each variety plot consisted of a panel of three vines. Five replicate plots of the candidate and three comparator varieties were laid out in a randomised block design that was allocated across three vine rows.	
Measurements	Measurements were taken at budburst and subsequently on new shoots, young leaves, mature leaves, berries, bunches and canes.	
RHS Chart - edition	RHS 1995 edition reprinted 1986.	
Origin and Breeding		
Controlled pollination: 'Red Globe' x 'Princess'. The new variety was first hybridized by Timothy Sheehan of Portville, CA, USA then propagated and grafted onto Harmony rootstock. The new variety produced grapes comparable to the seed parent 'Red Globe' ripening six weeks earlier than 'Red Globe'. The pollen parent produces white berries in midseason. Breeder: Timothy P. Sheehan.		
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
Berries	colour	red
Berries	shape	rounded
Berries	particular flavour	none
Berries	firmness of flesh	moderately firm
Mature leaf	arranged of lobes of upper lateral sinuses	deep and slightly overlapped

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
‘Flame Seedless’		Early season round red grape			
‘Ralli Seedless’		Early season round red grape			
‘Red Globe’		Large round seeded red grape			
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Cardinal’	berry	colour	red	red-violet	
‘Flame Tokay	berry	shape	round	oval	
‘Flame Tokay	berry	colour	red	orange-pink	
‘Red Emperor’	berry	shape	round	ovate	
‘Red Emperor’	berry	size	large	small	
‘Crimson seedles’	berry	seeded-ness	seeded	seedless	

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	‘Sheegene 5’	‘Flame Seedless’	‘Ralli Seedless’	‘Red Globe’
<input checked="" type="checkbox"/> *Time of: bud burst	very early to early	very early to early	very early	medium
<input checked="" type="checkbox"/> *Young shoot: openness of tip	wide open	Slightly open or half open	half open	half open
<input checked="" type="checkbox"/> *Young shoot: prostrate hairs on tip	medium	medium	absent or very sparse	dense
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse	absent or very sparse	sparse to medium
<input type="checkbox"/> *Young leaf: colour of upper side of blade	wine red	green	green with anthocyanin spots	light copper red
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	sparse
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Shoot: attitude (before tying)	semi-erect to	semi-erect	semi-erect	semi-erect

	horizontal	to horizontal		
<input type="checkbox"/> Shoot: colour of dorsal side of internodes	red, or green and red	green and red	green, or green and red	green and red
<input type="checkbox"/> Shoot: length of tendrils	medium	-	long	medium
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
<input type="checkbox"/> *Mature leaf: size of blade	medium	medium	large	medium
<input type="checkbox"/> *Mature leaf: shape of blade	pentagonal	pentagonal	wedge-shaped	pentagonal
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	absent or very weak	very weak to weak	absent or very weak	weak
<input type="checkbox"/> *Mature leaf: number of lobes	five	five	three	five
<input type="checkbox"/> Mature leaf: depth of upper lateral sinuses	deep	deep	shallow to medium	medium to deep
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped	slightly overlapped	slightly overlapped
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	closed	half open	closed	closed
<input type="checkbox"/> *Mature leaf: length of teeth	short	short to medium	medium to long	medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small	medium	medium to large	small to medium
<input type="checkbox"/> *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex	both sides convex	both sides convex
<input type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	low	absent or very low	-	-
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	moderately shorter	moderately shorter	moderately shorter	moderately shorter
<input checked="" type="checkbox"/> *Time of: beginning of berry ripening	early	very early	early	medium to late
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium	medium to large	medium	medium to large
<input type="checkbox"/> *Bunch: density	lax	lax to medium	lax to medium	lax
<input type="checkbox"/> Bunch: length of peduncle of primary bunch	medium to	medium	short to	long

	long		medium	
<input checked="" type="checkbox"/> *Berry: size	large	small	medium	large
<input type="checkbox"/> *Berry: shape	globose	globose	broad ellipsoid	globose
<input type="checkbox"/> *Berry: colour of skin (without bloom) (RHS)	dark red violet (182A-B, 183A)	grey red	red	rose
<input type="checkbox"/> Berry: ease of detachment from pedicel	difficult	difficult	moderately easy	difficult
<input type="checkbox"/> Berry: thickness of skin	medium to thick	medium	thick	medium
<input type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Berry: firmness of flesh	moderately firm	moderately firm	moderately firm	-
<input type="checkbox"/> *Berry: particular flavour	none	none	none	none
<input checked="" type="checkbox"/> *Berry: formation of seeds	complete	none	rudimentary	complete
<input type="checkbox"/> Woody shoot: main colour	orange brown	-	orange brown	-

Statistical Table

Organ/Plant Part: Context	'Sheegene 5'	'Flame Seedless'	'Ralli Seedless'	'Red Globe'
<input checked="" type="checkbox"/> *Berry: length (mm)				
Mean	23.48	14.50	20.30	23.23
Std. Deviation	2.72	1.28	2.20	1.84
LSD/sig	0.63	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> *Berry: width (mm)				
Mean	21.16	14.47	17.70	21.10
Std. Deviation	2.56	1.24	2.10	1.56
LSD/sig	0.58	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> *Berry: brix (°)				
Mean	16.07	18.35	20.29	13.73
Std. Deviation	1.70	1.90	1.90	2.77
LSD/sig	0.71	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> *Berry: length:width ratio				
Mean	1.11	1.00	1.15	1.10
Std. Deviation	0.06	0.07	0.08	0.04
LSD/sig	0.02	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
South Africa	2009	Applied	'Sheegene 5'
Chile	2011	Granted	'Sheegene 5'
USA	2007	Granted	'Sheegene 5'

European Union	2011	Applied	‘Sheegene 5’
Mexico	2012	Applied	‘Sheegene 5’

First sold in USA and Mexico in February 2006.

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

Details of Application		
Application Number	2012/070	
Variety Name	'Sheegene 20'	
Genus Species	<i>Vitis vinifera</i>	
Common Name	Grape vine	
Synonym	Allison	
Accepted Date	24 My 2012	
Applicant	Sheehan Genetics LLC, USA	
Agent	Sheehan Genetics Australia Pty Ltd, Emerald, VIC	
Qualified Person	Alison MacGregor	
Details of Comparative Trial		
Overseas Testing Authority	Register of Plant Breeders Rights Department of Agriculture, Forestry and Fisheries, Pretoria, South Africa	
Overseas Data Reference Number	ZA 2011-4895	
Location	Irymple, VIC	
Descriptor	Grapevine UPOV TG/50/9	
Period	March 2012 to February 2013	
Conditions	'Sheegene 20' vines (approx 60 vines) were established in a commercial vineyard in north west Victoria. Characteristics of these vines were compared against an overseas description supplied by the Register of Plant Breeders Rights, Department of Agriculture, Forestry and Fisheries, Pretoria, South Africa.	
Trial Design	Vines growing in the commercial vineyard were compared with the overseas variety description and also compared with similar varieties growing in the same vineyard block. The assessment did not include a replicated comparator trial.	
Measurements	Measurements were made on leaves, shoots, bunches, berries and juice.	
Origin and Breeding		
Controlled pollination: 'Red Globe' x 'Princess'. The new variety was first hybridize and then propagated and grafted onto Freedom rootstock. The new variety produces a medium-large, red seedless grape comparable to 'Crimson Seedless' but with a bigger sized berries. Vines were asexually propagated in 2003, grafted onto virus free rootstock and planted in a variety block near Fresne, CA, USA. Further propagation has been made from top working dormant buds. 'Red Globe' is a seeded variety and the pollen parent has yellow green obtuse ovoid berries with mild muscat flavour. Breeder: Timothy Sheehan, Portville, CA, USA.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Berries	colour	red
Berries	shape	ovoid to ellipsoid
Berries	time of maturity	medium to late to late

Berries	particular flavour	none
Berries	seededness	seedless

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Red Rob'	mid to late season, red, seedless grape, berry shape generally broad ellipsoid but also obtuse ovoid and obovoid, naturally larger than 'Crimson Seedless'
'Crimson Seedless'	mid to late season, red, seedless grape, naturally small, narrow ellipsoid or ovoid shape
'Sugranineteen' (Scarlotta)	mid to late season, grey-red, seedless grape with broad ellipsoid shape and naturally larger than crimson seedless, difficult to detach from the pedicel. Later maturing than 'Crimson seedless'

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Ralli Seedless'	berry	maturity	two weeks later than 'Ralli Seedless' similar to 'Thompson Seedless'	mature for harvest in early January	'Ralli Seedless' has a more circular berry shape
'90-3437' (Holiday)	berry	maturity	earlier than 'Holiday' similar to 'Thompson Seedless'	mature late season	'Holiday' has a more circular berry shape and berry skin remains rose coloured much later into the season
'Flame seedless'	berry	maturity	two weeks later than 'Flame Seedless' similar to 'Thompson Seedless'	mature for harvest in early January	'Flame Seedless' has a more circular berry shape
'Sweet Scarlet'	berry	flavour	no flavour	muscat	

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	'Sheegene 20' (local data)	'Sheegene 20' (o/s data)	'Crimson Seedless'	'Red Rob'	'Sugranineteen' (Scarlotta)
<input checked="" type="checkbox"/> *Time of: bud burst	early	early	late	early	Medium-late
<input type="checkbox"/> *Young shoot: openness of tip	half open	half open	half open	wide open	half open
<input type="checkbox"/> *Young shoot: prostrate hairs on tip	medium	medium	medium	dense	medium
<input type="checkbox"/> *Young shoot:	absent or	absent or	absent or	absent or	absent or

anthocyanin colouration of prostrate hairs on tip	very weak	very weak	very weak	very weak	very weak
<input type="checkbox"/> Young shoot: erect hairs on tip	absent or very sparse	absent or very sparse	absent or very sparse	medium	absent or very sparse
<input checked="" type="checkbox"/> *Young leaf: colour of upper side of blade	light copper red	dark copper red to green with red spots	light copper red	light copper red	light copper red
<input type="checkbox"/> *Young leaf: prostrate hairs between main veins on lower side of blade	sparse	sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> Young leaf: erect hairs on main veins on lower side of blade	absent or very sparse	absent or very sparse	medium	medium to dense	absent or very sparse
<input checked="" type="checkbox"/> Shoot: colour of dorsal side of internodes	green	green	green and red	green and red	green and red
<input type="checkbox"/> *Shoot: colour of ventral side of internodes	green	green	green and red	green and red	green
<input type="checkbox"/> Shoot: erect hairs on internodes	absent or very sparse	absent or very sparse	sparse	sparse	-
<input type="checkbox"/> Shoot: length of tendrils	medium	medium	medium	short to medium	medium -
<input type="checkbox"/> *Flower: sexual organs	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium	fully developed stamens and fully developed gynoecium
<input type="checkbox"/> *Mature leaf: size of blade	medium to large	small	large	medium to large	large
<input type="checkbox"/> *Mature leaf: shape of blade	circular	wedge-shaped	pentagonal	pentagonal	wedge shaped pentagonal or circular
<input type="checkbox"/> Mature leaf: blistering of upper side of blade	weak	absent or very weak	absent or very weak	absent or very weak	weak
<input type="checkbox"/> *Mature leaf: number of lobes	three to five	five to seven	five	five	five
<input type="checkbox"/> Mature leaf: depth of upper	deep	shallow to medium	medium	deep	medium to deep

lateral sinuses					
<input type="checkbox"/> Mature leaf: arrangement of lobes of upper lateral sinuses (varieties with lobed leaves only)	slightly overlapped	slightly overlapped	slightly overlapped	strongly overlapped	slightly overlapped
<input type="checkbox"/> *Mature leaf: arrangement of lobes of petiole sinus	slightly open	half open	slightly open	half open	closed
<input type="checkbox"/> *Mature leaf: length of teeth	medium	medium	short to medium	medium	medium
<input type="checkbox"/> *Mature leaf: ratio length/width of teeth	small to medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Mature leaf: shape of teeth	mixture of both sides straight and both sides convex	mixture of both sides straight and both sides convex	both sides convex	both sides convex	mixture of both sides straight and both sides convex
<input checked="" type="checkbox"/> *Mature leaf: proportion of main veins on upper side of blade with anthocyanin colouration	absent or very low	medium	absent or very low	absent or very low	low to medium
<input type="checkbox"/> Mature leaf: prostrate hairs between main veins on lower side of blade	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Mature leaf: erect hairs on main veins on lower side of blade	sparse	absent or very sparse	sparse	medium	dense
<input type="checkbox"/> Mature leaf: length of petiole compared to length of middle vein	equal	equal	moderately longer	moderately longer	moderately shorter
<input type="checkbox"/> *Time of: beginning of berry ripening	medium	medium to late	medium to late	medium	late
<input type="checkbox"/> *Bunch: size (peduncle excluded)	medium to large	medium	medium	medium to large	large
<input type="checkbox"/> *Bunch: density	medium	medium	medium	medium to dense	dense
<input checked="" type="checkbox"/> Bunch: length of peduncle of primary bunch	short	very short to short	medium	long	-
<input checked="" type="checkbox"/> *Berry: size	medium	small	small to medium	medium to large	medium to large

<input checked="" type="checkbox"/> *Berry: shape	obtuse ovoid	obtuse ovoid	broad ellipsoid	broad ellipsoid	obtuse ovoid
<input type="checkbox"/> *Berry: colour of skin (without bloom)	red	grey red	grey red or dark violet	red, red grey	red, grey red
<input checked="" type="checkbox"/> Berry: ease of detachment from pedicel	moderately easy	moderately easy	moderately easy	moderately easy	difficult
<input type="checkbox"/> Berry: thickness of skin	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Berry: firmness of flesh	soft or slightly firm	moderately firm	moderately firm	very firm	moderately firm
<input type="checkbox"/> *Berry: particular flavour	none	none	none	none	none
<input type="checkbox"/> *Berry: formation of seeds	rudimentary	rudimentary	none	none	rudimentary
<input checked="" type="checkbox"/> Woody shoot: main colour	reddish brown	reddish brown	reddish brown	yellowish brown	reddish brown

Prior Applications and Sales

Country	Year	Current Status	Name Applied
South Africa	2010	Applied	'Sheegene 20'
USA	2011	Granted	'Sheegene 20'
European Union	2010	Applied	'Sheegene 20'

First sold in South Africa in September 2010.

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

Details of Application		
Application Number	2011/119	
Variety Name	'Hip Hop'	
Genus Species	<i>Euphorbia graminea</i>	
Common Name	Grassleaf Spurge	
Synonym	Nil	
Accepted Date	22 Jan 2014	
Applicant	Eelco van Staalduinen, The Netherlands	
Agent	Sprint Horticulture Pty Ltd, Wamberal, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Macmasters Beach, NSW	
Descriptor	UPOV TG/10/7	
Period	November 2013 - March 2014	
Conditions	Trial conducted in 200mm pots in a standard soilless potting mixture outside under ambient conditions at Macmasters Beach, NSW. Nutrition maintained with slow release fertilizer, irrigation by overhead watering when required, pest and disease treatments not required.	
Trial Design	Completely randomised design.	
Measurements	Random selection from 10 plants.	
RHS Chart - edition	2007	
Origin and Breeding		
Open pollination: seed parent <i>E. graminea</i> . The parent is characterised by a medium flower number and a medium-tall plant height. Selection took place at Worms, Germany. Selection criteria: short plant height, compact growth habit, dark green leaf colour, long flowering season, strong floriferousness. Propagation: vegetatively reproduced plants from cuttings and micropropagation are found to be uniform and stable. Breeder: Eelco van Staalduinen, 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	number of shoots	medium-many
Plant	height	short-medium
Plant	width	narrow
Bract	main colour of upper side	white
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Inneuphe'	Also known as 'Diamond Frost'	

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	'Hip Hop'	'Inneuphe'
<input type="checkbox"/> *Leaf blade: length	medium	medium to long
<input type="checkbox"/> Plant: number of shoots	medium to many	medium to many
<input type="checkbox"/> Plant: attitude of shoots	horizontal to semi-erect	horizontal to semi-erect
<input type="checkbox"/> Plant: height	short to medium	short
<input type="checkbox"/> Plant: width	narrow	narrow
<input type="checkbox"/> Plant: number of inflorescences	many	many
<input type="checkbox"/> Shoot: thickness of lower third	thin to medium	thin to medium
<input checked="" type="checkbox"/> Shoot: anthocyanin colouration of lower third	weak	medium
<input checked="" type="checkbox"/> Shoot: anthocyanin colouration of upper third	very weak to weak	medium
<input type="checkbox"/> Shoot: thickness of nodes at middle third	medium	medium to thick
<input checked="" type="checkbox"/> Shoot: intensity of anthocyanin colouration at middle third	weak to medium	medium to strong
<input type="checkbox"/> Leaves at middle third of shoot: petiole length	medium	medium
<input checked="" type="checkbox"/> Leaves at lower third of shoot: petiole anthocyanin colouration	absent or very weak	medium to strong
<input type="checkbox"/> Leaves at lower third of shoot: length	medium	medium
<input type="checkbox"/> Leaves at lower third of shoot: width	medium	medium to broad
<input type="checkbox"/> Leaves at lower third of shoot: ratio length/width	medium	medium
<input type="checkbox"/> Leaves at lower third of shoot: intensity of marking	very weak to weak	very weak to weak
<input type="checkbox"/> Leaves at upper third of shoot: length of petiole	short to medium	medium
<input checked="" type="checkbox"/> Leaves at upper third of shoot: anthocyanin colouration of petiole	very weak to weak	medium
<input checked="" type="checkbox"/> Leaves at upper third of shoot: length	medium	long
<input checked="" type="checkbox"/> Leaves at upper third of shoot: width	narrow to medium	medium to broad
<input type="checkbox"/> Leaves at upper third of shoot: ratio length/width	medium	medium
<input type="checkbox"/> Leaves at middle third of shoot: intensity of green colour of upper side	medium to strong	strong
<input type="checkbox"/> Leaves at middle third of shoot: intensity of anthocyanin colouration of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Inflorescence: number of bracts	very few	very few
<input type="checkbox"/> Bract: length	short to medium	short

<input type="checkbox"/> Bract: width	narrow	narrow to medium
<input type="checkbox"/> Bract: main colour of upper side (RHS)	NN155D	NN155D
<input type="checkbox"/> Bract: main colour of lower side (RHS)	NN155D	NN155D

Statistical Table		
Organ/Plant Part: Context	'Hip Hop'	'Inneuphe'
<input type="checkbox"/> Leaf (lower third of shoot): length (mm)		
Mean	29.30	30.10
Std. Deviation	1.70	4.90
LSD/sig	4.75	ns
<input checked="" type="checkbox"/> Leaf (lower third of shoot): width (mm)		
Mean	16.00	19.30
Std. Deviation	2.00	2.30
LSD/sig	2.80	P≤0.01
<input type="checkbox"/> Leaf (lower third of shoot): length/width ratio		
Mean	1.90	1.60
Std. Deviation	0.40	0.30
LSD/sig	0.44	ns
<input checked="" type="checkbox"/> Leaf (upper third of shoot): length (mm)		
Mean	35.50	45.70
Std. Deviation	4.10	4.10
LSD/sig	5.32	P≤0.01
<input checked="" type="checkbox"/> Leaf (upper third of shoot): width (mm)		
Mean	18.70	25.10
Std. Deviation	2.90	2.90
LSD/sig	3.75	P≤0.01
<input type="checkbox"/> Leaf (upper third of shoot): length/width ratio		
Mean	1.90	1.80
Std. Deviation	0.30	0.20
LSD/sig	0.37	ns
<input type="checkbox"/> Petiole (upper third of shoot): length (mm)		
Mean	24.40	31.80
Std. Deviation	3.30	8.00
LSD/sig	7.90	ns
<input type="checkbox"/> Bract: length (mm)		
Mean	6.40	7.30
Std. Deviation	1.20	1.00
LSD/sig	1.45	ns
<input checked="" type="checkbox"/> Bract: width (mm)		
Mean	2.00	2.40
Std. Deviation	0.30	0.20
LSD/sig	0.34	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2010	Granted	'Hip Hop'
USA	2010	Granted	'Hip Hop'

First sold in the USA in Jul 2009 under the name 'Hip Hop'.

First Australian sale in Jun 2010 under the name 'Hip Hop'.

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

Details of Application		
Application Number	2010/288	
Variety Name	'Sunviopapu'	
Genus Species	<i>Viola cornuta</i>	
Common Name	Horned Violet	
Synonym	Nil	
Accepted Date	15 Jun 2011	
Applicant	Suntory Flowers Limited, Tokyo, Japan	
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Oasis Horticulture Pty Limited, Winmalee, NSW	
Descriptor	General Descriptor (for plant varieties with no descriptor available)	
Period	February - April 2014	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design	
Measurements	From ten plants at random. One sample per plant.	
RHS Chart - edition	2007	
Origin and Breeding		
Controlled pollination: seed parent 'OV-41-1' x pollen parent '9V-38'. The seed parent is characterised by a white flower colour. The pollen parent is characterised by a yellow flower colour. 'Sunviopapu' was selected due to its dark violet colour of flower, single small size flowers, abundant branching, outward spreading decumbent habit. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Naoto Takamura, Yamanashi, Japan.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour of upper petal	violet
Plant	growth habit	semi- upright to upright or upright
Leaf	presence of variegation	absent
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Sunviolabu'		

Varieties of Common Knowledge identified and subsequently excluded			
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Sunviobuho'	Flower: colour of upper petal (RHS)	darker than 83A	97 A-B
	Flower: colour of lateral petal (RHS)	92A with darker violet veins	lighter than 1D

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	'Sunviopapu'	'Sunviolabu'
<input type="checkbox"/> Plant: growth habit	semi- upright to upright	upright
<input checked="" type="checkbox"/> Leaf: shape	elliptic	ovate
<input checked="" type="checkbox"/> Leaf: shape of apex	broadly acute to rounded	obtuse
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	present	present
<input type="checkbox"/> Leaf: depth of incision	shallow	shallow
<input type="checkbox"/> Leaf: type of incision	crenate	crenate
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Sunviopapu'	'Sunviolabu'
<input type="checkbox"/> Leaf: pubescence of upper side	very sparse to sparse	very sparse to sparse
<input checked="" type="checkbox"/> Flower: colour of upper petal (RHS)	darker than 83A	N87A
<input checked="" type="checkbox"/> Flower: colour of lateral petal (RHS)	92A with darker violet veins	N87B
<input checked="" type="checkbox"/> Flower: colour of lower petal (RHS)	92B mid petal; ca N88A marginal; 12A spot	N88D mid petal; N87B marginal; 15A spot
<input type="checkbox"/> Sepal: shape	lanceolate	lanceolate
<input type="checkbox"/> Sepal: shape of apex	acute	acute
<input type="checkbox"/> Sepal: colour	light green	light green
<input type="checkbox"/> Sepal: degree of pubescence	sparse	sparse
<input type="checkbox"/> Peduncle: presence of pubescence	absent	absent

Prior Applications and Sales

Country Year Current Status Name Applied

Canada	2007	Granted	‘Sunviopapu’
EU	2008	Granted	‘Sunviopapu’
Japan	2007	Terminated	‘Sunviopapu’
USA	2007	Granted	‘Sunviopapu’

First sold in Japan in May 2007 under the name Friolina Shine Blue.

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

Details of Application		
Application Number	2010/292	
Variety Name	'Sunviolabu'	
Genus Species	<i>Viola cornuta</i>	
Common Name	Horned Violet	
Synonym	Violina Aquamarine	
Accepted Date	30 Mar 2011	
Applicant	Suntory Flowers Limited, Tokyo, Japan	
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Oasis Horticulture Pty Limited, Winmalee, NSW	
Descriptor	General Descriptor (for plant varieties with no descriptor available)	
Period	February - April 2014	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design	
Measurements	From ten plants at random. One sample per plant.	
RHS Chart - edition	2007	
Origin and Breeding		
Controlled pollination: seed parent '02V-15-3' x pollen parent '0V-40-1'. The seed parent is characterised by a large plant diameter and small flower diameter. The pollen parent is characterised by a yellow flower colour and small plant diameter. 'Sunviolabu' was selected due to its light violet colour of flower, single small size flowers, abundant branching, outward spreading decumbent habit. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Naoto Takamura, Yamanashi, Japan.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour of upper petal	violet
Plant	growth habit	semi- upright to upright or upright
Leaf	presence of variegation	absent
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Sunviopapu'		

Varieties of Common Knowledge identified and subsequently excluded			
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Sunviobuho'	Flower: colour of upper petal (RHS)	N87A	97 A-B
	Flower: colour of lateral petal (RHS)	N87B	lighter than 1D

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	'Sunviolabu'	'Sunviopapu'
<input type="checkbox"/> Plant: growth habit	upright	semi- upright to upright
<input checked="" type="checkbox"/> Leaf: shape	ovate	elliptic
<input checked="" type="checkbox"/> Leaf: shape of apex	obtuse	broadly acute to rounded
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	present	present
<input type="checkbox"/> Leaf: depth of incision	shallow	shallow
<input type="checkbox"/> Leaf: type of incision	crenate	crenate
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak
<input type="checkbox"/> Leaf: green colour	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Sunviolabu'	'Sunviopapu'
<input type="checkbox"/> Leaf: pubescence of upper side	very sparse to sparse	very sparse to sparse
<input checked="" type="checkbox"/> Flower: colour of upper petal (RHS)	N87A	darker than 83A
<input checked="" type="checkbox"/> Flower: colour of lateral petal (RHS)	N87B	92A with darker violet veins
<input checked="" type="checkbox"/> Flower: colour of lower petal (RHS)	N88D mid petal; N87B marginal; 15A spot	92B mid petal; ca N88A marginal; 12A spot
<input type="checkbox"/> Sepal: shape	lanceolate	lanceolate
<input type="checkbox"/> Sepal: shape of apex	acute	acute
<input type="checkbox"/> Sepal: colour	light green	light green
<input type="checkbox"/> Sepal: degree of pubescence	sparse	sparse
<input type="checkbox"/> Peduncle: presence of pubescence	absent	absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2007	Granted	'Sunviolabu'
EU	2008	Granted	'Sunviolabu'
Japan	2007	Terminated	'Sunviolabu'
USA	2007	Granted	'Sunviolabu'

First sold in Japan in May 2007 under the name Friolina Lilac.

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

Details of Application		
Application Number	2012/091	
Variety Name	'PSPT'	
Genus Species	<i>Lolium boucheanum</i>	
Common Name	Hybrid Ryegrass	
Synonym	Nil	
Accepted Date	12 Sep 2012	
Applicant	Grasslands Innovation Ltd., Palmerston North, New Zealand	
Agent	Griffith Hack, Brisbane, QLD	
Qualified Person	Joy Lin	
Details of Comparative Trial		
Overseas Testing Authority	New Zealand Plant Variety Rights Office	
Overseas Data Reference Number	RYG112, Grant no. 30933	
Location	Lincoln, New Zealand	
Descriptor	Ryegrass (new) (<i>Lolium</i> spp.) TG/4/8	
Period	2012-2013	
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office atASUREQuality Ltd, Lincoln, New Zealand.	
Trial Design	Randomised spaced plots: 6 replicates of 12 plants per variety. Row plots: 2 replicates of 5 metres with density plants per replicate of 200 plants per metre.	
Measurements	Observations and measurements on spaced plants were made on 60 plants. Observations on rows were made on each row as a whole unit.	
RHS Chart - edition	Nil	
Origin and Breeding		
Controlled pollination: PSPT (PG1212) ryegrass was bred from a complex series of crosses and selections involving complex crosses among breeding lines over 3 generations. These breeding lines trace back to cultivars such as Samson, Impact, 'Bronsyn', 'Kingston', 'Yatsyn', 'Marathon', 'Extreme', as well as germplasm lines. Parent plants were selected over 3 generations commencing in 1990 at Christchurch New Zealand on the basis of flowering date, seed yield, winter productivity, overall productivity, persistence, general agronomy, endophyte compatibility and disease resistance. Breeder: Grasslands Innovation Ltd., Palmerston North, New Zealand.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Plant	time of inflorescence emergence	medium to late
Plant	length of longest stem, inflorescence included (when fully expanded)	short

Most Similar Varieties of Common Knowledge identified (VCK)				
Name		Comments		
‘Amasa’				
‘Trojan’				
‘Harper’				
‘Maverick Gold II’				
‘Tonuss’				
‘Momentum’				
‘Valiant’				
Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Samson’	Plant	head length	short	long
‘Samson’	Plant	spikelets per head	numerous	few
‘Samson’	Plant	plant height	medium	short
‘XTM’	Plant	head length	short	long
‘XTM’	Plant	plant height	medium	tall
‘XTM’	Flag leaf	width	medium	wide
‘Bronsyn’	Plant	head length	short	medium
‘Bronsyn’	Plant	spikelets per head	numerous	medium
‘Bronsyn’	Plant	plant height	medium	tall
‘Kingston’	Plant	heading date	later	earlier
‘Yatsyn’	Plant	heading date	later	earlier
‘Marathon’	Seed head	awns	absent	present
‘Impact’	Plant	heading date	earlier	later

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	‘PSPT’	‘Amasa’	‘Harper’	‘Maverick Gold II’	‘Momentum’	‘Tonuss’	‘Trojan’	‘Valiant’
<input checked="" type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	medium	semi-erect to medium	semi-prostrate	medium to semi-prostrate	medium	semi-erect to medium	medium	medium to semi-prostrate
<input type="checkbox"/> Leaf: length	medium to long	medium	medium to long	medium to long	long	medium	medium to long	long
<input checked="" type="checkbox"/> Leaf: width	broad	medium	medium to broad	medium to broad	broad	medium	medium to broad	broad
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium	medium	medium	medium	medium

<input type="checkbox"/> Plant: width	medium	medium	medium to wide	medium	medium	medium	medium	medium to wide
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	semi-erect to medium	medium	medium	medium	semi-erect to medium	medium	medium to semi-prostrate	semi-erect to medium
<input checked="" type="checkbox"/> Plant: height	tall	medium	medium	medium	medium to tall	medium	medium	medium to tall
<input type="checkbox"/> Plant: natural height at inflorescence emergence	medium to tall	medium	medium	medium to tall	medium to tall	medium	medium	medium to tall
<input type="checkbox"/> Plant: width at inflorescence emergence	narrow to medium	medium	medium	narrow to medium	narrow to medium	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'PSPT'	'Amasa'	'Harper'	'Maverick Gold II'	'Momentum'	'Tonuss'	'Trojan'	'Valiant'
<input checked="" type="checkbox"/> Plant: growth in winter	strong	medium	medium to strong	medium	strong	medium	medium	strong

Statistical Table

Organ/Plant Part: Context	'PSPT'	'Amasa'	'Harper'	'Maverick Gold II'	'Momentum'	'Tonuss'	'Trojan'	'Valiant'
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence (mm)								
Mean	69.33	69.00	69.95	73.25	75.93	73.73	70.32	70.82
Std. Deviation	6.37	4.32	4.19	4.63	5.38	5.28	6.30	4.18
LSD/sig	2.3	ns	ns	P≤0.01	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Flag leaf: length (mm)								
Mean	166.18	170.92	184.67	162.42	208.33	190.83	180.67	181.83
Std. Deviation	31.15	27.27	37.55	37.61	40.35	43.83	38.99	43.06
LSD/sig	23.69	ns	ns	ns	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Flag leaf : width (mm)								
Mean	6.33	7.01	8.94	6.81	8.43	8.38	7.16	8.35
Std. Deviation	1.00	0.84	1.24	1.08	1.39	1.08	1.00	1.47
LSD/sig	0.62	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: length/width ratio								
Mean	26.39	24.53	20.79	23.98	24.75	22.81	25.39	21.98
Std. Deviation	4.92	3.99	4.39	4.48	3.99	4.76	4.53	4.73
LSD/sig	1.95	ns	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: length of longest stem, inflorescence included (when fully expanded) (mm)								
Mean	679.01	763.92	932.58	1010.42	996.38	1041.75	756.67	974.33
Std. Deviation	78.08	78.47	90.91	106.62	94.45	106.77	83.08	93.57
LSD/sig	71.02	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01

<input checked="" type="checkbox"/> Plant: length of upper internode (mm)								
Mean	254.17	256.88	343.08	336.36	334.33	345.92	259.74	332.42
Std. Deviation	55.88	60.51	59.41	86.59	54.41	78.25	63.20	80.64
LSD/sig	39.86	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length (mm)								
Mean	241.43	267.75	297.50	301.58	298.17	288.25	285.67	312.58
Std. Deviation	44.25	40.31	41.66	47.11	43.64	51.19	40.14	58.55
LSD/sig	25.09	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: number of spikelets								
Mean	24.20	26.88	32.35	28.60	30.55	30.00	28.80	31.35
Std. Deviation	4.55	4.72	4.86	5.66	5.27	5.36	4.25	6.12
LSD/sig	2.49	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Inflorescence: density (length of inflorescence/number of spikelets)								
Mean	10.20	10.11	9.37	10.81	9.96	9.77	10.19	10.24
Std. Deviation	2.49	1.53	1.62	1.83	1.70	1.80	1.77	2.35
LSD/sig	1.11	ns	ns	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Inflorescence: length of outer glume on basal spikelet (mm)								
Mean	12.86	12.77	10.24	13.16	8.78	9.15	14.30	10.81
Std. Deviation	2.03	2.25	2.61	2.36	1.55	2.07	2.54	1.66
LSD/sig	1.22	ns	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length of basal spikelet excluding awn (mm)								
Mean	22.33	20.97	19.36	22.43	20.18	20.03	22.05	21.20
Std. Deviation	3.65	2.84	3.37	3.43	3.41	3.00	2.83	3.34
LSD/sig	2.02	ns	P≤0.01	ns	P≤0.01	P≤0.01	ns	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2011	Granted	'PSPT'

Prior sale: nil.

Description: **Joy Lin**, Grasslanz Technology Ltd., Palmerston North, New Zealand.

Details of Application		
Application Number	2013/097	
Variety Name	'Acacia Plateau'	
Genus Species	<i>Pennisetum clandestinum</i>	
Common Name	Kikuyu grass	
Synonym	Nil	
Accepted Date	17 May 2013	
Applicant	Donald Eykamp, Tamworth, NSW	
Agent	N/A	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Macmasters Beach, NSW	
Descriptor	General descriptor for Grass (GEN GRAS)	
Period	December 2013 - May 2014	
Conditions	Trial conducted in open beds, plants propagated in cells from seed, subsequently planted into 100mm pots and then 300mm pots filled with soilless potting mix, nutrition maintained with slow release and liquid fertilisers, irrigation by overhead watering, pest and disease treatments not required.	
Trial Design	Twenty pots of each variety arranged in a completely randomised design.	
Measurements	From ten plants at random. All stolon internode, leaf and leaf sheath measurements were taken on the 4 th visible node from the tip of the stolon.	
RHS Chart - edition	2007	
Origin and Breeding		
Open pollination followed by seedling selection: seed parent <i>Pennisetum clandestinum</i> . The seed parent is characterised by an absence of male sterility and vigorous plant growth rate. Selection took place in "Yuma", Tamworth, NSW in 2010. Selection criteria: strong plant growth vigour, strong stolon growth, large leaf size, fertile, fast seedling emergence, strong branching. Propagation: seed produced by open pollination are found to reproduce in a uniform and stable manner. Breeders: Don Eykamp, Tamworth, NSW. All work was carried out at Tamworth, NSW.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Stolon	length of internode	medium
Inflorescence	male sterility	absent
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Whittet'		

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Noonan'	Leaf blade: width	broad to very broad	narrow
'Breakwell'	Leaf blade: width	broad to very broad	narrow
'Crofts'	Leaf blade: width	broad to very broad	narrow

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

Organ/Plant Part: Context	'Acacia Plateau'	'Whittet'
<input type="checkbox"/> Plant: life-cycle	perennial	perennial
<input type="checkbox"/> Plant: duration of life-cycle (perennials only)	long	long
<input type="checkbox"/> Plant: growth habit	mat-forming	mat-forming
<input type="checkbox"/> Plant: stolons	present	present
<input type="checkbox"/> Plant: rhizomes	present	present
<input type="checkbox"/> Stolon: nodes	simple	simple
<input type="checkbox"/> Stolon: number of branches	few	few
<input type="checkbox"/> Stolon: length of internode	medium	medium
<input checked="" type="checkbox"/> Stolon: width of internode	broad	medium
<input type="checkbox"/> Stolon: colour where exposed to sun (summer) (RHS colour chart)	146A-B	146B
<input type="checkbox"/> Stolon: length of leaf sheath	long	medium to long
<input type="checkbox"/> Stolon: length of leaf blade	medium to long	medium to long
<input checked="" type="checkbox"/> Stolon: width of leaf blade	broad to very broad	medium to broad
<input type="checkbox"/> Stolon: hairiness of leaf sheath	present	present
<input type="checkbox"/> Stolon: extent of hairiness of leaf sheath	medium	medium
<input type="checkbox"/> Stolon: distribution of hairiness of leaf sheath	full	full
<input type="checkbox"/> Stolon: shape of leaf blade	triangular	triangular
<input type="checkbox"/> Stolon: shape of leaf apex	acute	acute
<input type="checkbox"/> Stolon: hairs on leaf blade	present	present
<input type="checkbox"/> Stolon: distribution of hairs on leaf blade	both sides	both sides
Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Acacia Plateau'	'Whittet'
<input checked="" type="checkbox"/> Plant: vigour of growth	strong to very strong	medium to strong
<input type="checkbox"/> Inflorescence: male sterility	absent	absent
<input checked="" type="checkbox"/> Plant: length of longest stolon	long to very long	medium to long

Statistical Table		
Organ/Plant Part: Context	'Acacia Plateau'	'Whittet'
<input checked="" type="checkbox"/> Plant: length of longest stolon (cm)		
Mean	93.00	68.60
Std. Deviation	13.80	11.30
LSD/sig	15.33	P≤0.01
<input type="checkbox"/> Stolon: length of 4 th internode (mm)		
Mean	31.40	32.30
Std. Deviation	4.80	8.60
LSD/sig	7.98	ns
<input checked="" type="checkbox"/> Stolon: width of 4 th internode (mm)		
Mean	6.20	5.10
Std. Deviation	0.60	0.50
LSD/sig	0.71	P≤0.01
<input type="checkbox"/> Stolon: length of leaf sheath (mm)		
Mean	32.00	28.20
Std. Deviation	8.70	10.50
LSD/sig	11.97	ns
<input type="checkbox"/> Stolon: length of leaf blade (mm)		
Mean	227.10	240.50
Std. Deviation	58.30	47.10
LSD/sig	63.60	ns
<input checked="" type="checkbox"/> Stolon: width of leaf blade (mm)		
Mean	8.40	7.50
Std. Deviation	0.80	0.60
LSD/sig	0.88	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application		
Application Number	2013/034	
Variety Name	'Wintex'	
Genus Species	<i>Lactuca sativa</i>	
Common Name	Lettuce	
Synonym	Nil	
Accepted Date	25 Jul 2013	
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., De Lier, The Netherlands	
Agent	Rijk Zwaan Australia Pty Ltd., Daylesford, VIC	
Qualified Person	Arie Baelde	
Details of Comparative Trial		
Overseas Testing Authority	Naktuinbouw, The Netherlands	
Overseas Data Reference Number	SLA03126	
Location	Overseas data has been verified through a field trial in Daylesford, Dec 2013.	
Descriptor	<i>Lactuca sativa</i> TG/13/10	
Period	2013	
Conditions	The trial was conducted with standard agricultural practices for commercial lettuce production.	
Trial Design	The trial was replicated with 32 plants for each entry in two replications. Plant spacing 37.5 cm between rows, 30 cm within the row.	
Measurements	Observations were recorded at the optimum harvest stage for each type with head weights in the 300 - 500 gram stage.	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: We used a modified line and pedigree selection method to select 'Wintex' out of a cross between two Rijk Zwaan breeding lines one of which has advanced resistance to <i>Bremia lactucae</i> . Main selection criteria: <i>Bremia</i> resistance, deeply incised leaf, intense red colour and no tipburn. Breeders: Rijk Zwaan Zaadteelt en Zaadhandel B.V.		
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	cutting or gathering lettuce
Type	of culture	in the open
Seed	colour	black
Leaf	anthocyanin colouration	present
Time	of beginning of bolting	very late
Plant	resistance to Isolate <i>Bremia lactucae</i> : 16	present

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Triplex'					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Duplex'	Resistance to Downy mildew	Bl: 29	present	absent	
'Duplex'	Leaf	shape	obovate	transverse broad elliptic to broad obtrullate	
'Madrigon'	Seed	colour	black	white	
'Madrigon'	Resistance to	Lettuce Mosaic Virus	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	'Wintex'	'Triplex'
<input type="checkbox"/> *Seed: colour	black	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	erect to semi-erect
<input type="checkbox"/> Leaf blade: division	divided	divided
<input checked="" type="checkbox"/> *Plant: diameter	small to medium	small
<input type="checkbox"/> *Plant: head formation	no head	no head
<input type="checkbox"/> Leaf: thickness	thin	thin
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: shape	obovate	obovate
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	reddish	reddish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	dark to very dark	very dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: intensity of anthocyanin colouration	strong to very strong	very strong
<input type="checkbox"/> Leaf: distribution of anthocyanin	entire	entire
<input type="checkbox"/> Leaf: kind of anthocyanin distribution	diffused and in spots	diffused and in spots
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium to strong	medium
<input type="checkbox"/> *Leaf: blistering	absent or very weak	absent or very weak
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	medium	medium
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present

<input checked="" type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	deep	medium to deep
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	medium	medium
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak	absent or very weak
<input type="checkbox"/> Time of: harvest maturity	medium	early to medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	very late
<input type="checkbox"/> Plant: fasciation	absent	absent
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:2	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:5	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:7	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:12	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:14	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:15	present	present
<input type="checkbox"/> *Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:16	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:17	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:18	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:20	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:21	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:22	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:23	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:24	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:25	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:26	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:27	present	present
<input type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	absent	absent

<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> biotype Nr:0	present	present
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Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2012	Granted	'Wintex'
The Netherlands	2012	Granted	'Wintex'

First sold in New Zealand in June 2012 and in Australia in August 2012.

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

Details of Application		
Application Number	2014/002	
Variety Name	'Expertise'	
Genus Species	<i>Lactuca sativa</i>	
Common Name	Lettuce	
Synonym	Nil	
Accepted Date	03 Feb 2014	
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., De Lier, The Netherlands	
Agent	Rijk Zwaan Australia Pty Ltd., Daylesford, VIC	
Qualified Person	Arie Baelde	
Details of Comparative Trial		
Overseas Testing Authority	Naktuinbouw, The Netherlands	
Overseas Data Reference Number	SLA03212	
Location	Overseas data has been verified through a field trial in Daylesford, Dec 2013.	
Descriptor	<i>Lactuca sativa</i> TG/13/10	
Period	2013	
Conditions	The trial was conducted with standard agricultural practices for commercial lettuce production.	
Trial Design	The trial was replicated with 32 plants for each entry in two replications. Plant spacing 37.5 cm between rows, 30 cm within the row.	
Measurements	Observations were recorded at the optimum harvest stage for each type with head weights in the 300 - 500 gram stage.	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: We used a modified line and pedigree selection method to select Expertise out of a cross between 'Exact' and a Rijk Zwaan breeding line with advanced resistance to <i>Bremia lactucae</i> . Main selection criteria: <i>Bremia</i> resistance, incised leaf trait and no tipburn. Breeders: 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
Plant:	type	cutting or gathering lettuce
Leaf:	anthocyanin coloration	absent
Time	of beginning of bolting	very late
Plant Resistance to	resistance to Isolate <i>Bremia lactucae</i> : 16	present

Name		Comments			
‘Exact’					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Expedition’	Leaf	thickness	thin	medium	
‘Expedition’	Leaf	glossiness of upper side	medium	weak	
‘Expedition’	Leaf blade	depth of incision on margin on apical part	medium	deep	
‘Experience’	Leaf	intensity of colour of outer leaves	dark	medium	
‘Experience’	Leaf	glossiness of upper side	medium	weak	
‘Experience’	Leaf blade	degree of undulation of margin	strong	medium	

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

Organ/Plant Part: Context	‘Expertise’	‘Exact’
<input checked="" type="checkbox"/> *Seed: colour	black	white
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	divided	divided
<input type="checkbox"/> *Plant: diameter	medium	medium
<input type="checkbox"/> *Plant: head formation	no head	no head
<input type="checkbox"/> Leaf: thickness	thin	thin
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: shape	transverse broad elliptic	broad obtrullate
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	absent	absent
<input checked="" type="checkbox"/> *Leaf: intensity of colour of outer leaves	dark	medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	medium	weak
<input type="checkbox"/> *Leaf: blistering	absent or very weak	absent or very weak

<input type="checkbox"/> *Leaf blade: degree of undulation of margin	strong	strong
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	medium	medium
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	dense	medium
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak	absent or very weak
<input type="checkbox"/> Time of: harvest maturity	medium	medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	very late
<input checked="" type="checkbox"/> Plant: fasciation	absent	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:2	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:5	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:7	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:12	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:14	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:15	present	present
<input type="checkbox"/> *Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:16	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:17	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:18	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:20	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:21	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:22	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:23	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:24	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:25	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:26	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate	present	present

BI:27		
<input type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	present	present
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> biotype Nr: 0	present	-

Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2013	Applied	'Expertise'

First sold in The Netherlands in Nov 2013 and in Australia in March 2013.

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

Details of Application		
Application Number	2013/166	
Variety Name	'Kiprien'	
Genus Species	<i>Lactuca sativa</i>	
Common Name	Lettuce	
Synonym	Nil	
Accepted Date	30 Jul 2013	
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., De Lier, The Netherlands	
Agent	Rijk Zwaan Australia Pty Ltd., Daylesford, VIC	
Qualified Person	Arie Baelde	
Details of Comparative Trial		
Overseas Testing Authority	Naktuinbouw, The Netherlands	
Overseas Data Reference Number	SLA3167	
Location	Overseas data has been verified through a field trial in Daylesford, Dec 2013.	
Descriptor	<i>Lactuca sativa</i> TG/13/10	
Period	2013	
Conditions	The trial was conducted with standard agricultural practices for commercial lettuce production.	
Trial Design	The trial was replicated with 32 plants for each entry in two replications. Plant spacing 37.5 cm between rows, 30 cm within the row.	
Measurements	Observations were recorded at the optimum harvest stage for each type with head weights in the 300 - 500 gram stage.	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: We used a modified line and pedigree selection method to select 'Kiprien' out of a cross between two Rijk Zwaan breeding lines with advanced resistance to <i>Bremia lactucae</i> . Selection criteria: <i>Bremia</i> resistance, multileaf-trait and no tipburn. Breeders name: Rijk Zwaan Zaadteelt en Zaadhandel B.V. De Lier, 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	type	cutting or gathering lettuce
Type	of culture	in the open
Seed	colour	black
Leaf	anthocyanin coloration	absent
Plant	resistance to Isolate <i>Bremia lactucae</i> : 16	Present

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Kibrille'					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Kiribati'	Resistance to	<i>Nasonovia ribisnigri</i>	present	absent	
'Kiribati'	Time	of beginning of bolting	very late	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	'Kiprien'	'Kibrille'
<input type="checkbox"/> *Seed: colour	black	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent
<input checked="" type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	prostrate
<input type="checkbox"/> Leaf blade: division	lobed	lobed
<input type="checkbox"/> *Plant: diameter	medium to large	large
<input type="checkbox"/> *Plant: head formation	no head	open head
<input type="checkbox"/> Leaf: thickness	thin	medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	horizontal
<input checked="" type="checkbox"/> *Leaf: shape	broad obtusate	transverse narrow elliptic
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded
<input checked="" type="checkbox"/> *Leaf: hue of green colour of outer leaves	absent	yellowish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	light to medium	light to medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	present
<input type="checkbox"/> Leaf: glossiness of upper side	weak to medium	strong
<input type="checkbox"/> *Leaf: blistering	medium to strong	strong
<input type="checkbox"/> Leaf: size of blisters	small	small
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	very weak to weak	absent or very weak
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	absent	absent
<input type="checkbox"/> Leaf blade: venation	not flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak	
<input checked="" type="checkbox"/> Time of: harvest maturity	medium	early
<input checked="" type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	late
<input type="checkbox"/> Plant: fasciation	present	present
<input checked="" type="checkbox"/> Plant: intensity of fasciation	very strong	strong
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate	present	present

Bl:2		
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:5	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:7	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:12	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:14	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:15	present	present
<input type="checkbox"/> *Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:16	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:17	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:18	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:20	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:21	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:22	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:23	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:24	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:25	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:26	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:27	present	present
<input type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	present	present
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> biotype Nr: 0	present	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2012	Granted	'Kiprien'

First sold in Spain in September 2012 and in Australia in October 2012.

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

Details of Application		
Application Number	2013/327	
Variety Name	'Polygon'	
Genus Species	<i>Lactuca sativa</i>	
Common Name	Lettuce	
Synonym	Nil	
Accepted Date	28 Jan 2014	
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., De Lier, The Netherlands	
Agent	Rijk Zwaan Australia Pty Ltd., Daylesford, VIC	
Qualified Person	Arie Baelde	
Details of Comparative Trial		
Overseas Testing Authority	Naktuinbouw, The Netherlands	
Overseas Data Reference Number	SLA03246	
Location	Overseas data has been verified through a field trial in Daylesford, Dec 2013.	
Descriptor	<i>Lactuca sativa</i> TG/13/10	
Period	2013	
Conditions	The trial was conducted with standard agricultural practices for commercial lettuce production.	
Trial Design	The trial was replicated with 32 plants for each entry in two replications. Plant spacing 37.5 cm between rows, 30 cm within the row.	
Measurements	Observations were recorded at the optimum harvest stage for each type with head weights in the 300 - 500 gram stage.	
RHS Chart - edition	N/a	
Origin and Breeding		
Controlled pollination: Breeders were used a modified line and pedigree selection method to select 'Polygon' out of a cross between 'Teragon' and a Rijk Zwaan breeding line with advanced resistance to <i>Bremia lactucae</i> . Main selection criteria: <i>Bremia</i> resistance, insizedleaf-trait, intense red colour and no tipburn. Breeders name: Rijk Zwaan Zaadteelt en Zaadhandel B.V.		
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	cutting or gathering lettuce
Type	of culture	in the open
Seed	colour	white
Leaf	anthocyanin colouration	present
Time	of beginning of bolting	very late
Plant	resistance to Isolate <i>Bremia lactucae</i> : 16	present

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Madrigon'					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Ezmina'	Resistance to	Bremia Lactucae rase Bl:27	present	absent	
'Ezmina'	Resistance to	Lettuce Mosaic Virus	present	absent	
'Ezmina'	Time	of beginning of bolting	very late	late to very 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	'Polygon'	'Madrigon'
<input type="checkbox"/> *Seed: colour	white	white
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	divided	divided
<input type="checkbox"/> *Plant: diameter	medium	small to medium
<input type="checkbox"/> *Plant: head formation	no head	no head
<input type="checkbox"/> Leaf: thickness	very thin to thin	very thin to thin
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	dark	medium to dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> *Leaf: intensity of anthocyanin colouration	strong	medium to strong
<input type="checkbox"/> Leaf: distribution of anthocyanin	localised	localised
<input type="checkbox"/> Leaf: kind of anthocyanin distribution	diffused and in spots	diffused and in spots
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> *Leaf: blistering	absent or very weak	very weak to weak
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	strong	strong
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	shallow	shallow to medium
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	medium to dense	dense
<input type="checkbox"/> Leaf blade: type of incisions on apical part (varieties with shallow incisions on margin on apical part only)	dentate	dentate
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate

<input type="checkbox"/> Axillary: sprouting	absent or very weak	absent or very weak
<input type="checkbox"/> Time of: harvest maturity	medium	medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	very late
<input checked="" type="checkbox"/> Plant: fasciation	absent	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:2	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:5	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:7	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:12	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:14	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:15	present	present
<input type="checkbox"/> *Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:16	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:17	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:18	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:20	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:21	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:22	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:23	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:24	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:25	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:26	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:27	present	present
<input type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	present	present
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> biotype Nr: 0	present	present

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Polygon'	'Madrigon'
<input type="checkbox"/> Leaf: shape	obovate	transverse broad elliptic to obovate
<input type="checkbox"/> Leaf: hue of green colour of outer leaves	reddish	reddish to brownish

Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2013	Granted	'Polygon'

First sold in August 2013 in New Zealand and Australia.

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

Details of Application		
Application Number	2013/169	
Variety Name	'Telex'	
Genus Species	<i>Lactuca sativa</i>	
Common Name	Lettuce	
Synonym	Nil	
Accepted Date	31 Jul 2013	
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., De Lier, The Netherlands	
Agent	Rijk Zwaan Australia Pty Ltd., Daylesford, VIC	
Qualified Person	Arie Baelde	
Details of Comparative Trial		
Overseas Testing Authority	Naktuinbouw, The Netherlands	
Overseas Data Reference Number	SLA03162	
Location	Overseas data has been verified through a field trial in Daylesford, Dec 2013.	
Descriptor	<i>Lactuca sativa</i> TG/13/10	
Period	2013	
Conditions	The trial was conducted with standard agricultural practices for commercial lettuce production.	
Trial Design	The trial was replicated with 32 plants for each entry in two replications. Plant spacing 37.5 cm between rows, 30 cm within the row.	
Measurements	Observations were recorded at the optimum harvest stage for each type with head weights in the 300 - 500 gram stage.	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: We used a modified line and pedigree selection method to select 'Telex' out of a cross between two Rijk Zwaan breeding lines with advanced resistance to <i>Bremia lactucae</i> . Main selection criteria: <i>Bremia</i> resistance, small leaf, deeply incised leaf trait and large plant size. Breeder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.		
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	cutting or gathering lettuce
Type	of culture	in the open
Leaf:	anthocyanin coloration	present
Time	of beginning of bolting	very late
Plant	resistance to Isolate <i>Bremia lactucae</i> : 16	Present

Most Similar Varieties of Common Knowledge identified (VCK)				
Name		Comments		
‘Triplex’				
Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Duplex’	Resistance to	Lettuce Mosaic virus (LMV) strain Ls-1	present	absent
‘Duplex’	Seed	colour	white	black
‘Madrigon’	Leaf	intensity of colour of outer leaves	dark to very dark	medium to dark
‘Madrigon’	Leaf	intensity of anthocyanin colouration	strong to very strong	medium to strong
‘Madrigon’	Plant:	fasciation (at flowering stage)	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	‘Telex’	‘Triplex’
<input checked="" type="checkbox"/> *Seed: colour	white	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	present	present
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	erect to semi-erect
<input type="checkbox"/> Leaf blade: division	divided	divided
<input checked="" type="checkbox"/> *Plant: diameter	medium	small
<input type="checkbox"/> *Plant: head formation	no head	no head
<input type="checkbox"/> Leaf: thickness	thin	thin
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: shape	obovate	obovate
<input type="checkbox"/> Leaf: shape of tip	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	reddish	reddish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	dark to very dark	very dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: intensity of anthocyanin colouration	strong to very strong	very strong
<input type="checkbox"/> Leaf: distribution of anthocyanin	localised	entire
<input type="checkbox"/> Leaf: kind of anthocyanin distribution	diffused and in spots	diffused and in spots
<input type="checkbox"/> Leaf: glossiness of upper side	medium to strong	medium
<input type="checkbox"/> *Leaf: blistering	absent or very	absent or very

	weak	weak
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	medium	medium
<input type="checkbox"/> Leaf blade: incisions of margin on apical part	present	present
<input type="checkbox"/> *Leaf blade: depth of incisions on margin on apical part	deep	medium to deep
<input checked="" type="checkbox"/> Leaf blade: density of incisions on margin on apical part	sparse	medium
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate
<input type="checkbox"/> Axillary: sprouting	absent or very weak	absent or very weak
<input type="checkbox"/> Time of: harvest maturity	medium	early to medium
<input type="checkbox"/> *Time of: beginning of bolting under long day conditions	very late	very late
<input type="checkbox"/> Plant: fasciation	absent	absent
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:2	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:5	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:7	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:12	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:14	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:15	present	present
<input type="checkbox"/> *Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:16	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:17	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:18	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:20	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:21	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:22	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:23	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:24	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:25	present	present
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate Bl:26	present	present

<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>) Isolate BI:27	present	present
<input checked="" type="checkbox"/> Resistance to: lettuce mosaic virus (LMV) Strain Ls 1	present	absent
<input type="checkbox"/> Resistance to: <i>Nasonovia ribisnigri</i> biotype Nr: 0	present	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2012	Applied	'Telex'

First sold in the Netherlands in Nov 2012 and in Australia in Dec 2012

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

Details of Application		
Application Number	2011/212	
Variety Name	'AC41114'	
Genus Species	<i>Citrus reticulata</i>	
Common Name	Mandarin	
Synonym	Nil	
Accepted Date	18 Oct 2011	
Applicant	Craig Robert Pressler, Emerald, QLD	
Agent	N/A	
Qualified Person	John Owen-Turner	
Details of Comparative Trial		
Location	2PH Farm, Emerald, QLD	
Descriptor	UPOV Technical Guideline for Citrus Group 1 (Mandarins) TG/201/1	
Period	2011-14	
Conditions	Located within a large mandarin planting at Capricorn orchard. Standard mandarin management of trees all the same age.	
Trial Design	5 rows of the block. Guard row comprising alternating 'Phoenix' and 'Taylor Lee'. Datum row, 8 'AC41114' trees alternating with 'Phoenix'. Next row, guard alternating 'Phoenix' and 'W. Murcott'. Datum row, Next row, guard of 'Taylor Lee', 'Phoenix' and other hybrids.	
Measurements	In accordance with UPOV TG	
RHS Chart - edition	Nil	
Origin and Breeding		
Spontaneous mutation: A limb sport from 'W Murcott' identified in the field, as fruit having no seeds. Buds from this limb were used for propagation of trees. These trees were grown for two years and fruit were assessed for presence of seed. This variety has shown to have no seeds and is therefore a candidate for our selection. Breeder: Craig Robert Pressler, Emerald, QLD.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	position of broadest part	at middle
Fruit	general shape of proximal part	flattened
Fruit	general shape of distal part	flattened
Fruit	presence of depression at distal end	present
Fruit	presence of areola	absent
Fruit surface	predominant colours	medium orange
Fruit rind	adherence to flesh	very weak to weak
Fruit	Time of maturity for consumption	early to medium

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	Comments
'W. Murcott'	parental variety (also known as 'Afourer')
'Gold Nugget'	seedless variety
'Nectar'	seedless variety
'Orri'	seedless variety
'Summerina'	seedless variety
'Tang-gold'	seeded variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Gold Nugget'	Tree habit	spreading	upright
'Gold Nugget'	Time of maturity	early to medium	late
'Gold Nugget'	Fruit: amount albedo	absent or very small	medium
'Gold Nugget'	Fruit: rind adherence to flesh	very weak to weak	medium
'Nectar'	Seed: polyembryony	present	absent
'Nectar'	Fruit: amount of albedo	absent or very small	small to medium
'Nectar'	Fruit: rind adherence to flesh	very weak to weak	strong
'Orri'	Time of maturity	early to medium	medium to late
'Orri'	Fruit: amount albedo	absent or very small	small to medium
'Summerina'	Tree: habit	spreading	upright
'Summerina'	Time of maturity	early to medium	very late
'Tang-gold'	Fruit: number of seeds	absent or very few	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	'AC41114'	'W Murcott'
<input type="checkbox"/> Ploidy:	diploid	diploid
<input type="checkbox"/> *Tree: growth habit	spreading	spreading
<input type="checkbox"/> *Fruit: position of broadest part	at middle	at middle
<input type="checkbox"/> *Fruit: general shape of proximal part	flattened	flattened
<input checked="" type="checkbox"/> *Fruit: presence of neck	present	absent
<input type="checkbox"/> Fruit: length of neck (necked varieties only)	very short	-
<input checked="" type="checkbox"/> Fruit: thickness of neck (necked varieties only)	medium	-
<input checked="" type="checkbox"/> *Fruit: presence of depression at stalk end (varieties without fruit neck only)	absent	present
<input type="checkbox"/> *Fruit: general shape of distal part	flattened	flattened
<input type="checkbox"/> *Fruit: presence of depression at distal end	present	present
<input checked="" type="checkbox"/> Fruit: depth of depression at distal end	shallow	medium

<input type="checkbox"/> *Fruit: presence of areola	absent	absent
<input type="checkbox"/> *Fruit surface: predominant colours	medium orange	medium orange
<input type="checkbox"/> *Fruit surface: glossiness	medium	medium
<input type="checkbox"/> Fruit surface: roughness	smooth to medium	medium to rough
<input type="checkbox"/> *Fruit rind: adherence to flesh	very weak to weak	very weak to weak
<input checked="" type="checkbox"/> *Fruit: amount of albedo adhering to flesh	absent or very small	medium
<input type="checkbox"/> *Fruit: main colour of flesh	medium orange	medium orange
<input type="checkbox"/> *Fruit: presence of navel (viewed internally)	absent or very rare	absent or very rare
<input type="checkbox"/> *Fruit juice: total soluble solids	medium	medium to high
<input type="checkbox"/> Fruit juice: acidity	low to medium	low to medium
<input checked="" type="checkbox"/> Fruit: number of seeds (open pollination)	absent or very few	few to medium
<input type="checkbox"/> *Seed: polyembryony	present	present
<input type="checkbox"/> *Time of: maturity of fruit for consumption	early to medium	early to medium
<input type="checkbox"/> *Fruit: parthenocarpy	present	present

Statistical Table

Organ/Plant Part: Context	'AC41114'	'W Murcott'
<input checked="" type="checkbox"/> Fruit: length (mm)		
Mean	53.47	59.95
Std. Deviation	6.70	4.38
LSD/sig	2.16	P≤0.01
<input checked="" type="checkbox"/> Fruit: depth (mm)		
Mean	69.82	86.05
Std. Deviation	6.58	5.53
LSD/sig	2.68	P≤0.01
<input checked="" type="checkbox"/> Fruit: length to depth ratio		
Mean	0.76	0.07
Std. Deviation	0.05	0.04
LSD/sig	0.02	P≤0.01
<input checked="" type="checkbox"/> Rind: thickness (mm)		
Mean	2.85	4.00
Std. Deviation	0.65	0.80
LSD/sig	0.29	P≤0.01
<input checked="" type="checkbox"/> Fruit: number of seeds		
Mean	0.17	11.32

Std. Deviation	0.42	4.04
LSD/sig	1.63	P≤0.01
<input type="checkbox"/> Fruit: brix (°Bx)		
Mean	8.87	9.42
Std. Deviation	0.93	0.38
LSD/sig	1.30	ns
<input type="checkbox"/> Fruit: acid content (%)		
Mean	0.58	0.59
Std. Deviation	0.07	0.06
Lsd/sig	0.11	ns
<input type="checkbox"/> Fruit: brix to acid ratio		
Mean	15.43	16.10
Std. Deviation	1.89	1.79
LSD/sig	2.40	ns
<input type="checkbox"/> Fruit: juiciness (%)		
Mean	46.74	43.95
Std. Deviation	5.19	4.85
LSD/sig	6.82	ns

Prior Applications and Sales

Nil.

Description: **John Owen-Turner**, Burrum Heads, QLD.

Details of Application		
Application Number	2011/211	
Variety Name	'M17B3R8TL297'	
Genus Species	<i>Citrus reticulata</i>	
Common Name	Mandarin	
Synonym	Nil	
Accepted Date	22 Mar 2012	
Applicant	Craig Robert Pressler, Emerald, QLD	
Agent	N/A	
Qualified Person	John Owen-Turner	
Details of Comparative Trial		
Location	2PH Orchard, Selma Rd, Emerald, QLD	
Descriptor	UPOV Technical Guideline for Citrus Group 1 (Mandarins) TG/201/1	
Period	2007-14	
Conditions	Within Module 1. Block of 12 rows of 'Phoenix' under standard Mandarin management. Each candidate tree is adjacent to a 'Phoenix' for pollination pressure.	
Trial Design	3 rows 'Phoenix' inter-planted with candidate every third tree. One row of parent 'Taylor Lee' similarly spaced.	
Measurements	In accordance with UPOV TG	
RHS Chart - edition	Nil	
Origin and Breeding		
Induced mutation: Irradiation of 'Taylor Lee' budwood, at University of Queensland. Spring 2002 buds propagated to Troyer citrange. Field planting commenced 1.3.03. As trees produced fruit, these were cut to determine seed counts. This variety has consistently shown to have no seeds and is therefore a candidate for our selection. Breeder: Craig Robert Pressler, Emerald, QLD.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	position of broadest part	at middle
Fruit	general shape of proximal part	flattened
Fruit	general shape of distal part	slightly rounded
Fruit	presence of depression at distal end	present
Fruit	presence of areola	absent
Fruit surface	predominant colours	dark orange
Fruit rind	adherence to flesh	weak
Fruit	Time of maturity for consumption	medium
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Taylor Lee'	parental variety	

‘AC41114’	spontaneous mutation from ‘W Murcott’
‘Gold Nugget’	seedless variety
‘Nectar’	seedless variety
‘Orri’	seedless variety
‘Summerina’	seedless variety
‘Murcott’	seeded variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘AC41114’	Fruit: presence of neck	absent	present
‘AC41114’	Fruit: general shape of distal part	slightly rounded	flattened
‘Gold Nugget’	Tree habit	spreading	upright
‘Gold Nugget’	Time of maturity	medium	late
‘Gold Nugget’	Fruit: amount albedo	absent or very small	medium
‘Gold Nugget’	Fruit: rind adherence to flesh	very weak to weak	medium
‘Nectar’	Seed: polyembryony	present	absent
‘Nectar’	Fruit: amount of albedo	absent or very small	small to medium
‘Nectar’	Fruit: rind adherence to flesh	weak	strong
‘Orri’	Time of maturity	medium	medium to late
‘Orri’	Fruit: amount albedo	absent or very small	small to medium
‘Summerina’	Tree: habit	spreading	upright
‘Summerina’	Time of maturity	medium	very late
‘Murcott’	Fruit: number of seeds	absent or very few	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	‘M17B3R8TL297’	‘Taylor Lee’
<input type="checkbox"/> Ploidy:	diploid	diploid
<input type="checkbox"/> *Tree: growth habit	spreading	spreading
<input type="checkbox"/> *Fruit: position of broadest part	at middle	at middle
<input type="checkbox"/> *Fruit: general shape of proximal part	flattened	flattened
<input checked="" type="checkbox"/> *Fruit: presence of neck	absent	absent
<input checked="" type="checkbox"/> *Fruit: presence of depression at stalk end	present	present
<input type="checkbox"/> *Fruit: general shape of distal part	slightly rounded	slightly rounded
<input type="checkbox"/> *Fruit: presence of depression at distal end	present	present
<input checked="" type="checkbox"/> Fruit: depth of depression at distal end	very shallow	very shallow
<input type="checkbox"/> *Fruit: presence of areola	absent	absent

<input type="checkbox"/> *Fruit surface: predominant colours	dark orange	dark orange
<input type="checkbox"/> *Fruit surface: glossiness	weak	weak to medium
<input type="checkbox"/> *Fruit rind: thickness	thin	thin
<input type="checkbox"/> *Fruit rind: adherence to flesh	weak	weak
<input checked="" type="checkbox"/> *Fruit: amount of albedo adhering to flesh	absent or very small	absent or very small
<input type="checkbox"/> *Fruit: main colour of flesh	medium orange	medium orange
<input type="checkbox"/> *Fruit: presence of navel (viewed internally)	absent or very rare	absent or very rare
<input checked="" type="checkbox"/> Fruit: number of seeds (open pollination)	absent or very few	medium to many
<input type="checkbox"/> *Seed: polyembryony	present	present
<input type="checkbox"/> *Time of: maturity of fruit for consumption	medium	medium
<input type="checkbox"/> *Fruit: parthenocarpy	present	present

Statistical Table

Organ/Plant Part: Context	'M17B3R8TL297'	'Taylor Lee'
<input checked="" type="checkbox"/> Fruit: length (mm)		
Mean	69.76	73.03
Std. Deviation	6.68	5.78
LSD/sig	2.48	P≤0.01
<input checked="" type="checkbox"/> Fruit: depth (mm)		
Mean	82.35	84.84
Std. Deviation	6.68	6.61
LSD/sig	2.81	ns
<input checked="" type="checkbox"/> Fruit: length to depth ratio		
Mean	0.85	0.86
Std. Deviation	0.05	0.05
LSD/sig	0.02	ns
<input checked="" type="checkbox"/> Rind: thickness (mm)		
Mean	3.20	3.18
Std. Deviation	0.46	0.49
LSD/sig	0.22	ns
<input checked="" type="checkbox"/> Fruit: number of seeds		
Mean	0.43	15.63
Std. Deviation	1.51	9.14
LSD/sig	2.97	P≤0.01
<input type="checkbox"/> Fruit: brix (°Bx)		
Mean	10.95	10.48

Std. Deviation	0.38	0.50
LSD/sig	1.20	ns
<input type="checkbox"/> Fruit: acid content (%)		
Mean	0.80	0.73
Std. Deviation	0.07	0.06
LSD/sig	0.17	ns
<input type="checkbox"/> Fruit: brix to acid ratio		
Mean	13.72	14.39
Std. Deviation	0.84	0.89
LSD/sig	2.04	ns
<input type="checkbox"/> Fruit: juiciness (%)		
Mean	51.03	47.94
Std. Deviation	6.00	4.43
LSD/sig	14.86	ns

Prior Applications and Sales

Nil.

Description: **John Owen-Turner**, Burrum Heads, QLD.

Details of Application		
Application Number	2011/279	
Variety Name	'Sunpararenga'	
Genus Species	<i>Mandevilla</i> hybrid	
Common Name	Mandevilla	
Synonym	Classic Burgundy	
Accepted Date	17 May 2012	
Applicant	Suntory Flowers Ltd, Tokyo, Japan	
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Oasis Horticulture Pty Limited, Winmalee, NSW	
Descriptor	National Descriptor for Mandevilla (PBR MAND)	
Period	January - April 2014	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design	
Measurements	From ten plants at random. One sample per plant.	
RHS Chart - edition	2007	
Origin and Breeding		
Controlled pollination: seed parent 'M35-4' x pollen parent 'M28-3'. The seed parent is characterised by a red flower colour. The pollen parent is characterised by a light pink flower colour. 'Sunpararenga' was selected due to its compact growth habit, small glossy leaves, free branching and flowering, attractive flower colour. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Tomoya Misato, Shiga, Japan.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	red group
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Sunmandecrikin'	Most similar variety	
'Sunmanderemi'		
'Sunmandecrim'		
'Manregalruby'		

Varieties of Common Knowledge identified and subsequently excluded			
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Sunmanderemi’	Flower: colour of upper side (RHS)	ca. 187B-C	ca. 46A
‘Sunmandecrim’	Flower: colour of upper side (RHS)	ca. 187B-C	ca. 46A
‘Manregalruby’	Flower: colour of upper side (RHS)	ca. 187B-C	ca. 46A

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	‘Sunpararenga’	‘Sunmandecrikin’
<input type="checkbox"/> Plant: growth habit	climber	climber
<input type="checkbox"/> Plant: vigour	strong	strong to very strong
<input checked="" type="checkbox"/> Stem: diameter	medium	broad
<input type="checkbox"/> Stem: mature stem colour	greyed orange	greyed orange
<input type="checkbox"/> Leaf: phyllotaxis	opposite	opposite
<input checked="" type="checkbox"/> Leaf: length	short	long to very long
<input checked="" type="checkbox"/> Leaf: width	narrow to medium	broad
<input type="checkbox"/> Leaf: shape of blade	elliptic	elliptic
<input checked="" type="checkbox"/> Leaf: shape of apex	acuminate	cuspidate
<input type="checkbox"/> Leaf: margin	entire	entire
<input type="checkbox"/> Leaf: colour of upper side	dark green	dark green
<input checked="" type="checkbox"/> Leaf: colour of lower side	light green	medium-dark green
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium	strong
<input type="checkbox"/> Leaf: variegation	absent	absent
<input checked="" type="checkbox"/> Leaf: intensity of anthocyanin colouration of midrib (lower side)	medium to strong	weak to medium
<input type="checkbox"/> Petiole: length	medium	medium
<input checked="" type="checkbox"/> Petiole: diameter	narrow to medium	medium to broad
<input checked="" type="checkbox"/> Inflorescence: intensity of anthocyanin colouration of peduncle	medium to strong	absent or very weak to weak
<input type="checkbox"/> Flower: type	single	single
<input checked="" type="checkbox"/> Flower: form	funnel-shaped	campanulate
<input type="checkbox"/> Flower: attitude	horizontal to slightly upward	horizontal to slightly upward

<input checked="" type="checkbox"/>	Flower: diameter	medium to broad	broad to very broad
<input checked="" type="checkbox"/>	Flower: length of tube	medium	long
<input checked="" type="checkbox"/>	Flower: colour of upper side (RHS colour chart)	ca 187B-C	ca 46A
<input checked="" type="checkbox"/>	Flower: colour of lower side (RHS colour chart)	ca 187B-C	53B
<input checked="" type="checkbox"/>	Flower: colour of inner corolla throat (RHS colour chart)	169B-C basal to 187B distal	170A
<input checked="" type="checkbox"/>	Flower: colour of outer corolla throat (RHS colour chart)	ca 155A basal to 60A-B distal	53B
<input type="checkbox"/>	Flower: overlapping of corolla lobes	present	present
<input checked="" type="checkbox"/>	Flower: length of pedicel	short	medium to long
<input type="checkbox"/>	Flower: number of corolla lobe	5	5
<input type="checkbox"/>	Flower: overall shape of corolla lobe	asymmetric	asymmetric
<input checked="" type="checkbox"/>	Flower: shape of corolla lobe apex	acute	rounded
<input type="checkbox"/>	Flower: undulation of corolla lobe margin	weak to medium	weak
<input type="checkbox"/>	Flower: reflexing of corolla lobe margin	weak to medium	very weak to weak
<input checked="" type="checkbox"/>	Flower: length of sepal	medium	very short to short
<input type="checkbox"/>	Flower: width of sepal	narrow to medium	narrow to medium
<input checked="" type="checkbox"/>	Flower: colour of sepal	green basal to purple red distal half	light green
<input checked="" type="checkbox"/>	Flower: intensity of anthocyanin colouration of sepal	strong	weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2011	Granted	'Sunpararenga'
EU	2010	Granted	'Sunpararenga'
Japan	2008	Granted	'Sunpararenga'
USA	2008	Granted	'Sunpararenga'

First sold in Japan in April 2008 under the name Red Velvet.

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

Details of Application	
Application Number	2013/047
Variety Name	'Alegnuflor704'
Genus Species	<i>Mandevilla</i> hybrida
Common Name	Mandevilla
Synonym	SoBurgundy
Accepted Date	25 June 2014
Applicant	Floraquest Pty Ltd. and Protected Plant Promotions Australia Pty. Ltd.
Agent	Sprint Horticulture, Fountain Plaza, NSW
Qualified Person	John Oates

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	MDV 64
Location	Naktuinbouw, Roelofarendsveen, The Netherlands
Descriptor	<i>Mandevilla</i> TG/MANDE(proj.5)
Period	2011

Origin and Breeding

Planned breeding programme: Female parent, a Nuflora breeding line X02.5, was pollinated by male parent, 'Sunmandecrim' 2004/142, in December 2003. Resultant hybrid plants trialled and evaluated from January 2008 when new cultivar was selected. Vegetative propagation of 'Alegnuflor704' commenced January 2008. Breeder: Graham N Brown, West Pennant Hills, NSW, Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	type	single
Flower	colour group	red
Corolla	diameter	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sunmandecrim'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sunparavel'	Flower colour group	red	red purple	
'Sunparavel'	Corolla diameter	medium	large	
'Sunparavel'	Pedicel length	short	long	

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	'Alegnuflor704'	'Sunmandecrim'
<input type="checkbox"/> Plant: density	medium	dense
<input type="checkbox"/> Plant: amount of climbing tendrils	absent or few	medium
<input type="checkbox"/> Stem: length of internode	medium	short
<input type="checkbox"/> Young stem: green colour	light	medium
<input type="checkbox"/> Young stem: anthocyanin coloration	weak	medium
<input type="checkbox"/> Stem: pubescence	absent	absent
<input type="checkbox"/> Leaf: arrangement	opposite	opposite
<input type="checkbox"/> Petiole : length	medium	medium
<input type="checkbox"/> Petiole: colour	light green	medium green
<input type="checkbox"/> Petiole: anthocyanin coloration	absent or very weak	absent or very weak
<input type="checkbox"/> Petiole: pubescence	absent	absent
<input type="checkbox"/> Leaf blade: length	medium to long	medium
<input type="checkbox"/> Leaf blade: width	medium	narrow
<input type="checkbox"/> Leaf blade: ratio length/width	moderately elongated	moderately elongated
<input type="checkbox"/> Leaf blade: position of broadest part	towards apex	at middle
<input type="checkbox"/> Leaf blade: shape of apex	acuminate	acuminate
<input type="checkbox"/> Leaf blade: main colour	dark green	light green
<input type="checkbox"/> Leaf blade: glossiness of upper side	medium to strong	medium
<input type="checkbox"/> Leaf blade: pubescence of upper side	absent	absent
<input type="checkbox"/> Leaf blade: intensity of green colour of lower side	medium	medium
<input type="checkbox"/> Leaf blade: pubescence of lower side	absent	absent
<input type="checkbox"/> Leaf blade: shape in profile	straight	straight
<input type="checkbox"/> Leaf blade: undulation of margin	weak	weak
<input type="checkbox"/> Pedicel: length	short	long
<input type="checkbox"/> Pedicel: intensity of green colour	light	light
<input type="checkbox"/> Pedicel: anthocyanin coloration	absent or weak	absent or weak
<input type="checkbox"/> Pedicel: pubescence	absent	absent
<input type="checkbox"/> Flower bud: shape	obtrullate	rhombic
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> Calyx: length	medium	medium
<input type="checkbox"/> Calyx: colour of basal half	medium green	medium green
<input type="checkbox"/> Calyx: colour of distal half	medium green with red pointed lobes	light green
<input type="checkbox"/> Corolla : diameter	medium	medium
<input type="checkbox"/> Corolla tube: length	medium	long
<input type="checkbox"/> Corolla throat: length	medium	medium

<input type="checkbox"/>	Corolla throat: width of distal part	medium	medium
<input type="checkbox"/>	Corolla throat: shape	funnel form	campanulate
<input type="checkbox"/>	Corolla lobe: symmetry	moderately asymmetric	moderately asymmetric
<input type="checkbox"/>	Corolla lobe: shape of apex	acuminate	rounded
<input checked="" type="checkbox"/>	Corolla lobe: main colour of upper side (RHS Colour Chart)	53B	45A
<input checked="" type="checkbox"/>	Corolla lobe: recurving of margin	medium to strong	absent or very weak
<input type="checkbox"/>	Corolla lobe: undulation of margin	medium	medium
<input type="checkbox"/>	Corolla lobe: shape in longitudinal section of distal part	straight	convex
<input type="checkbox"/>	Filament: color	yellowish white	medium yellow
<input checked="" type="checkbox"/>	Anther: color (RHS Colour Chart)	158A	178A
<input type="checkbox"/>	Ovary: color	green	light green

Organ/Plant Part: Context	‘Alegnuflor704’	‘Sunmandecrim’
<input checked="" type="checkbox"/> corolla throat: colour of distal half of outside	60B-C	55B
<input type="checkbox"/> corolla throat: colour of distal half of inside	167C ~ 53A	24A

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2010	Granted	‘Alegnu704’
USA	2011	Granted	‘Alegnuflor704’

First sold in Australia in Feb 2010.

Description: **John Oates**, Tura Beach, NSW

Details of Application		
Application Number	2011/280	
Variety Name	'Sunparamiho'	
Genus Species	<i>Mandevilla xamabilis</i>	
Common Name	Mandevilla	
Synonym	Pretty White	
Accepted Date	17 May 2012	
Applicant	Suntory Flowers Ltd, Tokyo, Japan	
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Oasis Horticulture Pty Limited, Winmalee, NSW	
Descriptor	National Descriptor for Mandevilla (PBR MAND)	
Period	January - April 2014	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design	
Measurements	From ten plants at random. One sample per plant.	
RHS Chart - edition	2007	
Origin and Breeding		
Controlled pollination: seed parent 'M7' x pollen parent 'M1'. The seed parent is characterised by a large flower size and large leaf size. The pollen parent is characterised by a small-medium flower size and small leaf size. 'Sunparamiho' was selected due to its vining growth habit, free branching and flowering, attractive white flower colour, rounded petals. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Tomoya Misato, Shiga, Japan.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour of upper side	white
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Sunmandeho'		

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	'Sunparamiho'	'Sunmandeho'
<input type="checkbox"/> Plant: growth habit	climber	climber
<input checked="" type="checkbox"/> Plant: vigour	strong	very strong
<input type="checkbox"/> Stem: diameter	medium	narrow to medium
<input type="checkbox"/> Leaf: phyllotaxis	opposite	opposite
<input type="checkbox"/> Leaf: length	medium	medium to long
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> Leaf: shape of blade	elliptic	elliptic
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> Leaf: margin	entire	entire
<input type="checkbox"/> Leaf: colour of upper side	medium green	medium green
<input type="checkbox"/> Leaf: colour of lower side	light to medium green	medium green
<input type="checkbox"/> Leaf: glossiness of upper side	medium to strong	strong
<input type="checkbox"/> Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: intensity of anthocyanin colouration of midrib (lower side)	absent or very weak	absent or very weak
<input type="checkbox"/> Petiole: length	short to medium	short
<input type="checkbox"/> Petiole: diameter	medium	medium
<input type="checkbox"/> Petiole: colour	light green	light-medium green
<input type="checkbox"/> Inflorescence: colour of peduncle	light green	light-medium green
<input type="checkbox"/> Inflorescence: intensity of anthocyanin colouration of peduncle	absent or very weak	absent or very weak
<input type="checkbox"/> Flower bud: prominence of anthocyanin colouration	very weak	very weak
<input type="checkbox"/> Flower: type	single	single
<input checked="" type="checkbox"/> Flower: form	funnel-shaped	campanulate
<input type="checkbox"/> Flower: attitude	horizontal to slightly upward	horizontal to slightly upward
<input checked="" type="checkbox"/> Flower: diameter	medium	broad
<input checked="" type="checkbox"/> Flower: length of tube	short to medium	medium to long
<input type="checkbox"/> Flower: colour of upper side (RHS colour chart)	NN155C	NN155D

<input type="checkbox"/> Flower: colour of lower side (RHS colour chart)	NN155C	NN155D
<input checked="" type="checkbox"/> Flower: colour of inner corolla throat (RHS colour chart)	14A	15A
<input checked="" type="checkbox"/> Flower: colour of outer corolla throat (RHS colour chart)	154D	155C
<input type="checkbox"/> Flower: overlapping of corolla lobes	present	present
<input type="checkbox"/> Flower: length of pedicel	medium	medium to long
<input type="checkbox"/> Flower: number of corolla lobe	5	5
<input checked="" type="checkbox"/> Flower: overall shape of corolla lobe	asymmetric	orbicular
<input type="checkbox"/> Flower: shape of corolla lobe apex	rounded	rounded
<input type="checkbox"/> Flower: undulation of corolla lobe margin	weak to medium	medium
<input checked="" type="checkbox"/> Flower: reflexing of corolla lobe margin	weak	medium
<input checked="" type="checkbox"/> Flower: length of sepal	medium	short
<input type="checkbox"/> Flower: width of sepal	narrow to medium	narrow
<input checked="" type="checkbox"/> Flower: colour of sepal	light green	medium green
<input type="checkbox"/> Flower: intensity of anthocyanin colouration of sepal	very weak	very weak

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2011	Granted	'Sunmparamiho'
EU	2010	Granted	'Sunmparamiho'
USA	2010	Granted	'Sunmparamiho'

First sold in EU in Nov 2009 under the name Pretty White.

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

Details of Application	
Application Number	2012/032
Variety Name	'CaribbeanQueen'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	Nil
Accepted Date	31 May 2012
Applicant	Rijk Zwaan Zaadteelt en Zaadhandel B.V., De Lier, The Netherlands
Agent	Rijk Zwaan Australia Pty Ltd., Daylesford, VIC
Qualified Person	Arie Baelde

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	MLN00411
Location	Roelofarendsveen, The Netherlands
Descriptor	<i>Cucumis melo</i> UPOVTG/104/5
Period	2011
Conditions	Greenhouse under controlled conditions
Trial Design	Two trials with 20 plants (2x10) per trial
Measurements	As according UPOV technical test guideline
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: ME5870 RZ (seed parent) x ME2003 (male parent). Female parent selection was focussing on a strong and vigorous plant type and good fruit quality (internal and external). Male parent selection was focussing on resistances and on shelf-life of mature fruit. For the hybrid was focussed on agronomical behaviour of the variety, production level and quality of fruits. Breeder: Rijk Zwaan Zaadteelt en Zaadhandel B.V.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	sex expression (at full flowering)	monoecious
Fruit	length	long
Fruit	position of maximum diameter	at middle
Fruit	ground colour of skin	grey
Fruit	density of patches	absent or very sparse
Fruit	warts	absent
Fruit	grooves	absent or very weakly expressed
Fruit	cork formation	present
Fruit	main colour of flesh	orange

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Caribbean Gold'					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hardrock'	Fruit	thickness of cork layer	medium	thick to very thick	
'Hardrock'	Plant	resistance to (Fusarium oxysporum melonis race 2)	resistant	susceptible	
'Hardrock'	Plant	resistance to Ec / Gc (Erysiphe cichoracearum / Golovinomyces cichoracearum)	susceptible	resistant	

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

Organ/Plant Part: Context	'CaribbeanQueen'	'Caribbean Gold'
<input type="checkbox"/> Seedling: length of hypocotyl	medium	medium
<input type="checkbox"/> Seedling: size of cotyledon	small to medium	small
<input type="checkbox"/> Seedling: intensity of green colour of cotyledon	medium	medium to dark
<input checked="" type="checkbox"/> Leaf blade: size	small to medium	medium to large
<input type="checkbox"/> Leaf blade: intensity of green colour	dark	dark
<input type="checkbox"/> Leaf blade: development of lobes	weak	weak to medium
<input type="checkbox"/> Leaf blade: length of terminal lobe	short	short to medium
<input type="checkbox"/> Leaf blade: dentation of margin	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf blade: blistering	medium	medium
<input checked="" type="checkbox"/> Petiole: attitude	semi-erect	horizontal
<input type="checkbox"/> Petiole: length	medium	medium to long
<input type="checkbox"/> *Inflorescence: sex expression	monoecious	monoecious
<input type="checkbox"/> Young fruit: hue of green colour of skin	greyish green	greyish green
<input type="checkbox"/> *Young fruit: intensity of green colour of skin	light to medium	very light to light
<input type="checkbox"/> Young fruit: density of dots	absent or very sparse	absent or very sparse
<input checked="" type="checkbox"/> Young fruit: length of peduncle	short to medium	medium to long
<input type="checkbox"/> Young fruit: thickness of peduncle 1 cm from fruit	thin to medium	medium
<input checked="" type="checkbox"/> Young fruit: extension of darker area around peduncle	large	small
<input type="checkbox"/> Fruit: change of skin colour from young fruit to maturity	very late in fruit development or no change	very late in fruit development or no change

<input type="checkbox"/> *Fruit: length	long	long
<input type="checkbox"/> *Fruit: diameter	broad	medium to broad
<input type="checkbox"/> *Fruit: ratio length/diameter	medium to large	medium to large
<input type="checkbox"/> *Fruit: position of maximum diameter	at middle	at middle
<input type="checkbox"/> *Fruit: shape in longitudinal section	broad elliptic	medium elliptic
<input type="checkbox"/> *Fruit: ground colour of skin	grey	grey
<input type="checkbox"/> Fruit: intensity of ground colour of skin	light to medium	light to medium
<input type="checkbox"/> Fruit: hue of ground colour of skin	greenish	greenish
<input checked="" type="checkbox"/> Fruit: density of dots	absent or very sparse	medium to dense
<input type="checkbox"/> *Fruit: density of patches	absent or very sparse	absent or very sparse
<input type="checkbox"/> *Fruit: warts	absent	absent
<input type="checkbox"/> *Fruit: strength of attachment of peduncle at maturity	medium	medium to strong
<input type="checkbox"/> *Fruit: shape of base	rounded	rounded
<input type="checkbox"/> *Fruit: shape of apex	rounded	rounded
<input type="checkbox"/> *Fruit: size of pistil scar	small to medium	medium
<input type="checkbox"/> *Fruit: grooves	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/> *Fruit: creasing of surface	absent or very weak	absent or very weak
<input type="checkbox"/> *Fruit: cork formation	present	present
<input checked="" type="checkbox"/> *Fruit: thickness of cork layer	medium	medium to thick
<input type="checkbox"/> *Fruit: pattern of cork formation	netted only	netted only
<input type="checkbox"/> *Fruit: density of pattern of cork formation	medium to dense	medium to dense
<input type="checkbox"/> Fruit: rate of change of skin colour from maturity to over maturity	absent or very slow	absent or very slow
<input type="checkbox"/> Fruit: width of flesh in longitudinal section	medium to thick	medium
<input type="checkbox"/> *Fruit: main colour of flesh	orange	orange
<input checked="" type="checkbox"/> Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	medium to dark	light to medium
<input type="checkbox"/> *Seed: length	short to medium	medium
<input type="checkbox"/> Seed: width	narrow to medium	medium
<input type="checkbox"/> Seed: shape	not pine-nut shape	not pine-nut shape
<input type="checkbox"/> *Seed: colour	whitish	cream yellow
<input type="checkbox"/> Seed: intensity of colour (varieties with cream yellow seed color only)	medium	light to medium
<input type="checkbox"/> Time of: male flowering	early to medium	early
<input checked="" type="checkbox"/> Time of: female flowering	medium to late	early
<input checked="" type="checkbox"/> Time of: ripening	late to very late	medium to late
<input type="checkbox"/> *Shelf life of: fruit	medium to long	long
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. melonis Race 0	present	present

<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. melonis Race 1	present	present
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. melonis Race 2	present	present
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. melonis Race 1-2	absent	absent
<input checked="" type="checkbox"/> Resistance to: <i>Sphaerotheca fuliginea</i> (<i>Podosphaera xanthii</i>) (Powdery mildew) Race 5	moderately resistant	susceptible
<input type="checkbox"/> Resistance to: <i>Sphaerotheca fuliginea</i> (<i>Podosphaera xanthii</i>) (Powdery mildew) Race 2	moderately resistant	moderately resistant
<input type="checkbox"/> Resistance to: <i>Erysiphe cichoracearum</i> (<i>Golovinomyces cichoracearum</i>) Race 1 (Powdery mildew)	susceptible	susceptible
<input checked="" type="checkbox"/> Resistance to: colonization by <i>Aphis gossypii</i>	absent	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2010	Granted	'Caribbean Queen'
Mexico	2011	Applied	'Caribbean Queen'

First sold in Mexico in Dec 2010 and in Australia in Feb 2011.

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

Details of Application	
Application Number	2011/017
Variety Name	'Rocky Persia'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	Nil
Accepted Date	17 Dec 2012
Applicant	Omid Rad of Ariana Holdings Pty Ltd, Adelaide, SA
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Dural, NSW
Descriptor	UPOV Technical Guidelines for Melon (UPOV TG 104/5)
Period	November 2013-February 2014
Conditions	Standard field production conditions with trial incorporated within a production and trial block.
Trial Design	Twenty plants of each variety arranged in a completely randomised complete block design, 2 rows, 10 plants per replicate.
Measurements	From 10 plants per replicate.
RHS Chart - edition	2007

Origin and Breeding

Open pollination followed by repeated seedling selections: seed parent 'GNRM' x pollen parent 'KTNIA'. The original seed parent is characterised by a strong cork formation on skin, round shape and soft fruit firmness. The original pollen parent is characterised by ellipsoid shape, very firm fruit flesh and green flesh colour. Selection criteria: attractive fruit taste, texture, size, shape, and colour (skin and flesh). Propagation: seed produced by open pollination are found to be uniform and stable. Breeder: Omid Rad, Adelaide, South Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	sex expression	monoecious
Fruit	shape in longitudinal section	medium elliptic
Fruit	warts	absent
Fruit	main colour of flesh	green
Seed	colour	whitish

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Khatooni'	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	'Rocky Persia'	'Khatooni'
<input type="checkbox"/> Seedling: length of hypocotyl	short to medium	short to medium
<input checked="" type="checkbox"/> Seedling: size of cotyledon	small to medium	medium to large
<input checked="" type="checkbox"/> Seedling: intensity of green colour of cotyledon	very light	medium
<input type="checkbox"/> Leaf blade: size	medium	medium to large
<input type="checkbox"/> Leaf blade: intensity of green colour	light to medium	light to medium
<input type="checkbox"/> Leaf blade: development of lobes	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf blade: length of terminal lobe	very short	very short
<input type="checkbox"/> Leaf blade: dentation of margin	weak to medium	weak to medium
<input type="checkbox"/> Leaf blade: blistering	very weak	very weak
<input type="checkbox"/> Petiole: attitude	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Petiole: length	medium	short
<input type="checkbox"/> *Inflorescence: sex expression	monoecious	monoecious
<input type="checkbox"/> Young fruit: hue of green colour of skin	whitish green	whitish green
<input type="checkbox"/> *Young fruit: intensity of green colour of skin	very light	very light
<input type="checkbox"/> Young fruit: density of dots	absent or very sparse	absent or very sparse
<input type="checkbox"/> Young fruit: size of dots	very small	very small
<input type="checkbox"/> Young fruit: contrast of dot colour/ground colour	weak	weak
<input type="checkbox"/> Young fruit: conspicuousness of groove colouring	absent or very weak	weak
<input type="checkbox"/> Young fruit: intensity of groove colouring	very light	light
<input type="checkbox"/> Young fruit: length of peduncle	very short to short	very short to short
<input type="checkbox"/> Young fruit: thickness of peduncle 1 cm from fruit	thin	thin
<input type="checkbox"/> Young fruit: extension of darker area around peduncle	small to medium	small to medium
<input type="checkbox"/> Fruit: change of skin colour from young fruit to maturity	late in fruit development	late in fruit development
<input checked="" type="checkbox"/> *Fruit: length	very short to short	long
<input type="checkbox"/> *Fruit: diameter	very narrow to	narrow

	narrow	
<input checked="" type="checkbox"/> *Fruit: ratio length/diameter	large	very large
<input type="checkbox"/> *Fruit: position of maximum diameter	at middle	at middle
<input type="checkbox"/> *Fruit: shape in longitudinal section	medium elliptic	medium elliptic
<input checked="" type="checkbox"/> *Fruit: ground colour of skin	green	yellow
<input checked="" type="checkbox"/> Fruit: intensity of ground colour of skin	light	medium
<input checked="" type="checkbox"/> Fruit: hue of ground colour of skin	greenish	yellowish
<input type="checkbox"/> Fruit: density of dots	absent or very sparse	absent or very sparse
<input type="checkbox"/> Fruit: size of dots	very small	-
<input type="checkbox"/> Fruit: colour of dots	green	-
<input type="checkbox"/> Fruit: intensity of colour of dots	dark	-
<input type="checkbox"/> *Fruit: density of patches	absent or very sparse	-
<input type="checkbox"/> Fruit: size of patches	very small	-
<input type="checkbox"/> *Fruit: warts	absent	absent
<input type="checkbox"/> *Fruit: strength of attachment of peduncle at maturity	medium	medium
<input checked="" type="checkbox"/> *Fruit: shape of base	rounded	pointed
<input checked="" type="checkbox"/> *Fruit: shape of apex	rounded	truncate
<input type="checkbox"/> *Fruit: size of pistil scar	small	small to medium
<input type="checkbox"/> *Fruit: grooves	absent or very weakly expressed	weakly expressed
<input type="checkbox"/> Fruit: width of grooves	medium	narrow to medium
<input type="checkbox"/> Fruit: depth of grooves	very shallow	shallow to medium
<input type="checkbox"/> Fruit: colour of grooves	green	green
<input type="checkbox"/> *Fruit: creasing of surface	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Fruit: cork formation	present	absent
<input type="checkbox"/> *Fruit: thickness of cork layer	thin to medium	-
<input type="checkbox"/> *Fruit: pattern of cork formation	linear and netted	-
<input type="checkbox"/> *Fruit: density of pattern of cork formation	medium	-
<input checked="" type="checkbox"/> Fruit: rate of change of skin colour from maturity to over maturity	fast	medium
<input type="checkbox"/> Fruit: width of flesh in longitudinal section	medium	medium
<input type="checkbox"/> *Fruit: main colour of flesh	green	green

<input type="checkbox"/> Fruit: secondary salmon colouring of flesh (varieties with main colour of flesh: white; greenish white; green; yellowish white only)	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: firmness of flesh	firm to very firm	firm to very firm
<input type="checkbox"/> Fruit at over maturity: hue of colour of skin (varieties with change of skin colour from maturity to over maturity only)	creamish	creamish
<input type="checkbox"/> Seed: shape	not pine-nut shape	not pine-nut shape
<input type="checkbox"/> *Seed: colour	whitish	whitish
<input checked="" type="checkbox"/> Time of: male flowering	very early to early	medium
<input checked="" type="checkbox"/> Time of: female flowering	early	medium to late
<input checked="" type="checkbox"/> Time of: ripening	early	medium to late
<input type="checkbox"/> *Shelf life of: fruit	medium	medium

Statistical Table

Organ/Plant Part: Context	'Rocky Persia'	'Khatooni'
<input type="checkbox"/> Leaf: width (cm)		
Mean	12.40	10.00
Std. Deviation	0.61	0.65
LSD/sig	0.75	P≤0.01
<input type="checkbox"/> Leaf: length of petiole (cm)		
Mean	5.70	4.90
Std. Deviation	1.08	0.67
LSD/sig	1.11	ns
<input type="checkbox"/> Fruit: length (mm)		
Mean	144.90	230.60
Std. Deviation	15.10	6.30
LSD/sig	12.83	P≤0.01
<input type="checkbox"/> Fruit : diameter (mm)		
Mean	106.00	98.30
Std. Deviation	5.90	6.50
LSD/sig	6.53	P≤0.01
<input type="checkbox"/> Fruit: length to diameter ratio		
Mean	1.37	2.40
Std. Deviation	0.10	0.18
LSD/sig	0.16	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application	
Application Number	2012/253
Variety Name	'Sunny Persia'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	Nil
Accepted Date	18 Feb 2013
Applicant	Ariana Holdings Pty Ltd, Adelaide, SA
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Dural, NSW
Descriptor	UPOV Technical Guidelines for Melon (UPOV TG 104/5)
Period	November 2013-February 2014
Conditions	Standard field production conditions with trial incorporated within a production and trial block.
Trial Design	Twenty plants of each variety arranged in a completely randomised complete block design, 2 rows, 10 plants per replicate.
Measurements	From 10 plants per replicate.
RHS Chart - edition	2007

Origin and Breeding

Open pollination followed by repeated seedling selections: seed parent 'Golden Persia' x pollen parent 'Cantaloupe'. The original seed parent is characterised by yellow skin colour and white flesh. The original pollen parent is characterised by round shape and greyed yellow skin colour. Selection criteria: attractive flesh colour, unique taste and texture, attractive fruit shape. Propagation: seed produced by open pollination are found to be uniform and stable. Breeder: Omid Rad, South Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	sex expression	monoecious
Fruit	diameter	narrow
Fruit	warts	absent
Fruit	ground colour of skin	yellow
Fruit	firmness of flesh	firm to very firm

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Khatooni'	

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	'Sunny Persia'	'Khatooni'
<input type="checkbox"/> Seedling: length of hypocotyl	short to medium	short to medium
<input checked="" type="checkbox"/> Seedling: size of cotyledon	small to medium	medium to large
<input type="checkbox"/> Seedling: intensity of green colour of cotyledon	very light to light	very light to light
<input type="checkbox"/> Leaf blade: size	medium to large	medium to large
<input type="checkbox"/> Leaf blade: intensity of green colour	light to medium	light to medium
<input type="checkbox"/> Leaf blade: development of lobes	very weak to weak	very weak to weak
<input type="checkbox"/> Leaf blade: length of terminal lobe	very short	very short
<input type="checkbox"/> Leaf blade: dentation of margin	weak to medium	weak to medium
<input type="checkbox"/> Leaf blade: blistering	very weak	very weak
<input type="checkbox"/> Petiole: attitude	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> Petiole: length	short to medium	short
<input type="checkbox"/> *Inflorescence: sex expression	monoecious	monoecious
<input type="checkbox"/> Young fruit: hue of green colour of skin	whitish green	whitish green
<input type="checkbox"/> *Young fruit: intensity of green colour of skin	very light	very light
<input type="checkbox"/> Young fruit: density of dots	absent or very sparse	absent or very sparse
<input type="checkbox"/> Young fruit: size of dots	very small	very small
<input type="checkbox"/> Young fruit: contrast of dot colour/ground colour	weak	weak
<input type="checkbox"/> Young fruit: conspicuousness of groove colouring	weak	weak
<input type="checkbox"/> Young fruit: intensity of groove colouring	very light	very light
<input type="checkbox"/> Young fruit: length of peduncle	very short to short	very short to short
<input type="checkbox"/> Young fruit: thickness of peduncle 1 cm from fruit	thin	thin
<input type="checkbox"/> Young fruit: extension of darker area around peduncle	small to medium	small to medium
<input type="checkbox"/> Fruit: change of skin colour from young fruit to maturity	late in fruit development	late in fruit development
<input type="checkbox"/> *Fruit: length	medium	long
<input type="checkbox"/> *Fruit: diameter	narrow	narrow
<input checked="" type="checkbox"/> *Fruit: ratio length/diameter	large	very large
<input checked="" type="checkbox"/> *Fruit: position of maximum diameter	toward stem end	at middle
<input checked="" type="checkbox"/> *Fruit: shape in longitudinal section	ovate	medium elliptic

<input type="checkbox"/>	*Fruit: ground colour of skin	yellow	yellow
<input checked="" type="checkbox"/>	Fruit: intensity of ground colour of skin	dark	medium
<input type="checkbox"/>	Fruit: hue of ground colour of skin	yellowish	yellowish
<input checked="" type="checkbox"/>	Fruit: density of dots	medium to dense	absent or very sparse
<input type="checkbox"/>	Fruit: size of dots	very small	-
<input type="checkbox"/>	Fruit: colour of dots	green	-
<input type="checkbox"/>	Fruit: intensity of colour of dots	medium	-
<input type="checkbox"/>	*Fruit: density of patches	sparse to medium	-
<input type="checkbox"/>	Fruit: size of patches	medium to large	-
<input type="checkbox"/>	*Fruit: warts	absent	absent
<input type="checkbox"/>	*Fruit: strength of attachment of peduncle at maturity	medium	medium
<input type="checkbox"/>	*Fruit: shape of base	pointed	pointed
<input type="checkbox"/>	*Fruit: shape of apex	truncate	truncate
<input type="checkbox"/>	*Fruit: size of pistil scar	medium	small to medium
<input type="checkbox"/>	*Fruit: grooves	absent or very weakly expressed	weakly expressed
<input type="checkbox"/>	*Fruit: creasing of surface	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	*Fruit: cork formation	present	absent
<input type="checkbox"/>	*Fruit: thickness of cork layer	thin	-
<input type="checkbox"/>	*Fruit: pattern of cork formation	linear and netted	-
<input type="checkbox"/>	*Fruit: density of pattern of cork formation	sparse to medium	-
<input type="checkbox"/>	Fruit: rate of change of skin colour from maturity to over maturity	medium	medium
<input type="checkbox"/>	Fruit: width of flesh in longitudinal section	medium	medium
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	orange	green
<input type="checkbox"/>	Fruit: intensity of orange colour of flesh (varieties with main colour of flesh: orange only)	light	-
<input type="checkbox"/>	Fruit: firmness of flesh	firm to very firm	firm to very firm
<input type="checkbox"/>	Seed: shape	not pine-nut shape	not pine-nut shape
<input checked="" type="checkbox"/>	*Seed: colour	cream yellow	whitish
<input type="checkbox"/>	Seed: intensity of colour (varieties with cream yellow seed colour only)	medium	-
<input type="checkbox"/>	Time of: male flowering	early to medium	medium

<input type="checkbox"/> Time of: female flowering	medium to late	medium to late
<input type="checkbox"/> Time of: ripening	medium	medium to late
<input type="checkbox"/> *Shelf life of: fruit	medium	medium

Statistical Table

Organ/Plant Part: Context	'Sunny Persia'	'Khatooni'
<input type="checkbox"/> Leaf: width (cm)		
Mean	10.80	10.00
Std. Deviation	0.78	0.65
LSD/sig	0.82	ns
<input type="checkbox"/> Leaf: length of petiole (cm)		
Mean	5.70	4.90
Std. Deviation	1.14	0.67
LSD/sig	1.09	ns
<input type="checkbox"/> Fruit: length (mm)		
Mean	204.50	230.60
Std. Deviation	27.00	6.30
LSD/sig	29.40	ns
<input type="checkbox"/> Fruit : diameter (mm)		
Mean	106.20	98.30
Std. Deviation	12.40	6.50
LSD/sig	11.25	ns
<input checked="" type="checkbox"/> Fruit: length to diameter ratio		
Mean	1.93	2.40
Std. Deviation	0.16	0.18
LSD/sig	0.28	P≤0.01

Prior Applications and Sales

Nil.

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

Details of Application	
Application Number	2012/252
Variety Name	'Sweet Persia'
Genus Species	<i>Cucumis melo</i>
Common Name	Melon
Synonym	Nil
Accepted Date	18 Feb 2013
Applicant	Ariana Holdings Pty Ltd, Adelaide, SA
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Dural, NSW
Descriptor	UPOV Technical Guidelines for Melon (UPOV TG 104/5)
Period	November 2013-February 2014
Conditions	Standard field production conditions with trial incorporated within a production and trial block.
Trial Design	Twenty plants of each variety arranged in a completely randomised complete block design, 2 rows, 10 plants per replicate.
Measurements	From 10 plants per replicate.
RHS Chart - edition	2007

Origin and Breeding

Open pollination followed by repeated seedling selections: seed parent 'Tashkandi' x pollen parent 'Green Rockmelon'. The original seed parent is characterised by a ovate-elliptic fruit shape, yellow green skin colour and white fruit flesh colour. The original pollen parent is characterised by strong cork formation on skin, round shape and soft fruit firmness. Selection criteria: Attractive flesh colour, unique taste and texture, attractive fruit shape. Propagation: seed produced by open pollination are found to be uniform and stable. Breeder: Omid Rad, South Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Inflorescence	sex expression	monoecious
Fruit	shape in longitudinal section	medium elliptic
Fruit	warts	absent
Fruit	cork formation	present
Fruit	grooves	absent or very weakly expressed
Seed	colour	cream-yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tashkandi'	parent type

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

Organ/Plant Part: Context	'Sweet Persia'	'Tashkandi'
<input type="checkbox"/> Seedling: length of hypocotyl	short to medium	short to medium
<input type="checkbox"/> Seedling: size of cotyledon	small to medium	medium
<input type="checkbox"/> Seedling: intensity of green colour of cotyledon	very light	very light to light
<input type="checkbox"/> Leaf blade: size	small to medium	medium
<input type="checkbox"/> Leaf blade: intensity of green colour	light to medium	light to medium
<input type="checkbox"/> Leaf blade: development of lobes	very weak	very weak
<input type="checkbox"/> Leaf blade: length of terminal lobe	very short	very short
<input type="checkbox"/> Leaf blade: dentation of margin	weak to medium	weak to medium
<input type="checkbox"/> Leaf blade: blistering	very weak	very weak
<input type="checkbox"/> Petiole: attitude	erect to semi-erect	erect to semi-erect
<input checked="" type="checkbox"/> Petiole: length	long	short
<input type="checkbox"/> *Inflorescence: sex expression	monoecious	monoecious
<input type="checkbox"/> Young fruit: hue of green colour of skin	whitish green	whitish green
<input type="checkbox"/> *Young fruit: intensity of green colour of skin	very light	very light
<input type="checkbox"/> Young fruit: density of dots	absent or very sparse	absent or very sparse
<input type="checkbox"/> Young fruit: size of dots	very small	very small
<input checked="" type="checkbox"/> Young fruit: contrast of dot colour/ground colour	weak	medium
<input checked="" type="checkbox"/> Young fruit: conspicuousness of groove colouring	absent or very weak	weak
<input type="checkbox"/> Young fruit: length of peduncle	very short to short	very short to short
<input type="checkbox"/> Young fruit: thickness of peduncle 1 cm from fruit	thin	thin
<input type="checkbox"/> Young fruit: extension of darker area around peduncle	small to medium	small to medium
<input type="checkbox"/> Fruit: change of skin colour from young fruit to maturity	late in fruit development	late in fruit development
<input type="checkbox"/> *Fruit: length	short to medium	medium
<input type="checkbox"/> *Fruit: diameter	narrow to medium	narrow
<input type="checkbox"/> *Fruit: ratio length/diameter	large	very large
<input type="checkbox"/> *Fruit: position of maximum diameter	at middle	at middle
<input type="checkbox"/> *Fruit: shape in longitudinal section	medium elliptic	medium elliptic

<input type="checkbox"/>	*Fruit: ground colour of skin	yellow	green
<input checked="" type="checkbox"/>	Fruit: intensity of ground colour of skin	medium	light
<input checked="" type="checkbox"/>	Fruit: hue of ground colour of skin	yellowish	greenish
<input type="checkbox"/>	Fruit: density of dots	medium	medium
<input type="checkbox"/>	Fruit: size of dots	very small	medium
<input type="checkbox"/>	Fruit: colour of dots	green	green
<input type="checkbox"/>	Fruit: intensity of colour of dots	dark to very dark	dark to very dark
<input checked="" type="checkbox"/>	*Fruit: density of patches	sparse	medium
<input checked="" type="checkbox"/>	Fruit: size of patches	very small	medium
<input type="checkbox"/>	*Fruit: warts	absent	absent
<input type="checkbox"/>	*Fruit: strength of attachment of peduncle at maturity	medium	medium to strong
<input checked="" type="checkbox"/>	*Fruit: shape of base	rounded	pointed
<input type="checkbox"/>	*Fruit: shape of apex	rounded	rounded
<input type="checkbox"/>	*Fruit: size of pistil scar	medium	small to medium
<input type="checkbox"/>	*Fruit: grooves	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	Fruit: colour of grooves	green	-
<input type="checkbox"/>	*Fruit: creasing of surface	absent or very weak	absent or very weak
<input type="checkbox"/>	*Fruit: cork formation	present	present
<input checked="" type="checkbox"/>	*Fruit: thickness of cork layer	medium	very thin
<input checked="" type="checkbox"/>	*Fruit: pattern of cork formation	netted only	linear and netted
<input checked="" type="checkbox"/>	*Fruit: density of pattern of cork formation	medium to dense	sparse to medium
<input type="checkbox"/>	Fruit: rate of change of skin colour from maturity to over maturity	fast	fast
<input type="checkbox"/>	Fruit: width of flesh in longitudinal section	medium	medium
<input checked="" type="checkbox"/>	*Fruit: main colour of flesh	greenish white	white
<input type="checkbox"/>	Fruit: secondary salmon colouring of flesh (varieties with main colour of flesh: white; greenish white; green; yellowish white only)	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Fruit: firmness of flesh	firm to very firm	medium
<input type="checkbox"/>	Fruit at over maturity: hue of colour of skin (varieties with change of skin colour from maturity to over maturity only)	orangish yellow	orangish yellow

<input type="checkbox"/> Fruit at over maturity: intensity of yellow colour of skin (varieties with change of skin colour from maturity to over maturity and with yellow or orangish yellow colour of skin only)	medium to dark	dark
<input type="checkbox"/> Seed: shape	not pine-nut shape	not pine-nut shape
<input type="checkbox"/> *Seed: colour	cream yellow	cream yellow
<input type="checkbox"/> Seed: intensity of colour (varieties with cream yellow seed colour only)	medium	medium
<input type="checkbox"/> Time of: male flowering	very early to early	early
<input checked="" type="checkbox"/> Time of: female flowering	early	medium
<input type="checkbox"/> Time of: ripening	early	early to medium
<input type="checkbox"/> *Shelf life of: fruit	medium	short to medium

Statistical Table

Organ/Plant Part: Context	'Sweet Persia'	'Tashkandi'
<input type="checkbox"/> Leaf: width (cm)		
Mean	12.60	12.30
Std. Deviation	1.00	1.00
LSD/sig	1.36	ns
<input type="checkbox"/> Leaf: length of petiole (cm)		
Mean	6.50	5.60
Std. Deviation	2.80	0.60
LSD/sig	2.92	ns
<input checked="" type="checkbox"/> Fruit: length (mm)		
Mean	189.00	253.70
Std. Deviation	16.60	18.20
LSD/sig	21.86	P≤0.01
<input type="checkbox"/> Fruit : diameter (mm)		
Mean	123.20	119.40
Std. Deviation	7.30	9.93
LSD/sig	10.79	ns
<input checked="" type="checkbox"/> Fruit: length to diameter ratio		
Mean	1.54	2.10
Std. Deviation	0.14	0.15
LSD/sig	0.16	P≤0.01

Prior Applications and Sales

Prior applications: nil.

First sold in Australia in Oct 2012 under the name 'Sweet Persia.

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

Details of Application	
Application Number	2012/023
Variety Name	'Jade-AU'
Genus Species	<i>Vigna radiata</i>
Common Name	Mung Bean
Synonym	Nil
Accepted Date	26 Jun 2012
Applicant	State of Queensland acting through the Department of Agriculture, Fisheries and Forestry, Brisbane, QLD and Grains Research and Development Corporation (GRDC), Barton, ACT
Agent	N/A
Qualified Person	John Rose
Details of Comparative Trial	
Location	Hermitage Research Station, Warwick, QLD
Descriptor	National Descriptor for Cowpea (<i>Vigna unguiculata</i>) PBR COWP
Period	January - June 2013
Conditions	The trial was sown in the field at Hermitage Research Station on 23rd January 2013. The trial site was a black cracking clay with a full profile of soil moisture. The site was flooded on 26th January resulting in very patchy emergence. A second trial was planted on 7th February 2013. No irrigation was required at either site.
Trial Design	Randomised block with 4 reps. Plots were single rows 9 metres in length. Row spacing was 75 cm and plant spacing within rows was approximately 2 cm.
Measurements	Days to flower, plant height, central leaflet length and breadth, petiole length, peduncle length, pod length, seeds per pod, weight of seeds per pod, 100 seed weight
RHS Chart - edition	Nil
Origin and Breeding	
Controlled pollination: The F ₁ of the cross 3511-9 X VC2768A was produced by controlled pollination in January 2004. 3511-9 is a high yielding line derived from a cross between 'White Gold' and 'Delta', two successful Australian commercial varieties. VC2768A is line introduced from AVRDC and is grown successfully throughout Asia. It was selected as a parent for yield, tan spot resistance and exceptional yield quality. F ₁ plants were advanced to F ₂ plants in glasshouse pots. Bulk F ₃ and F ₄ rows were grown in the field at Hermitage Research Station with selection at each generation for large shiny seeds. Twenty seven single plant progeny were selected from the F ₄ plots on the basis of plant type, grain yield and grain quality in 2006. The line M07213 was chosen for commercial release after five years of yield testing and three years of disease testing across the northern grains region. Breeder: Dr. Merrill Ryan and Mr. Col Douglas, Hermitage Research Station, Warwick, QLD.	

Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge					
Organ/Plant Part	Context		State of Expression in Group of Varieties		
Plant	growth habit		upright		
Plant	growth type		determinate		
Plant	twining tendency		absent		
Mature pod	curvature		slightly curved		
Mature pod	length		medium		
Seed	testa colour		green		
Seed	testa lustre		shiny		
Most Similar Varieties of Common Knowledge identified (VCK)					
Name			Comments		
'Crystal'					
'Emerald'					
'White Gold'					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Green Diamond'	seed	size	medium large	small	
'Celera'	seed	size	medium large	small	
'Satin 2'	seed	testa	shiny	dull	

Variety Description and Distinctness - Nominate Distinguishing Characteristics (tick) which distinguish the candidate from one or more of the comparators				
Organ/Plant Part: Context	'Jade-AU'	'Crystal'	'Emerald'	'White Gold'
<input type="checkbox"/> Plant: growth habit	upright	upright	upright	upright
<input type="checkbox"/> Plant: growth type	determinate	determinate	determinate	determinate
<input type="checkbox"/> Plant: twinning tendency	absent	absent	absent	absent
<input type="checkbox"/> Petiole: anthocyanin colouration at point of attachment of leaf	absent	absent	absent	absent
<input type="checkbox"/> Terminal leaflet: shape of blade	deltoid	deltoid	deltoid	deltoid
<input type="checkbox"/> Inflorescence: standard petal colour (freshly open flower)	yellow	yellow	yellow	yellow
<input type="checkbox"/> Immature pod: anthocyanin colouration	absent	absent	absent	absent
<input type="checkbox"/> Mature pod: curvature	slightly curved	slightly curved	slightly curved	slightly curved
<input type="checkbox"/> Mature pod: shattering	absent	absent	absent	absent

<input checked="" type="checkbox"/> Mature pod: colour (exposed to sun)	brown	black	black	black
<input type="checkbox"/> Mature pod: number of seeds	medium	medium	medium	medium
<input checked="" type="checkbox"/> Seed: weight (100 seed wt.)	medium	medium	low	high

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Jade-AU'	'Crystal'	'Emerald'	'White Gold'
<input type="checkbox"/> Seed: testa colour	green	green	green	green
<input type="checkbox"/> Seed: testa lustre	shiny	shiny	shiny	shiny
<input checked="" type="checkbox"/> Mature pod: colour (RHS)	N200A	202A	202A	203B

Statistical Table

Organ/Plant Part: Context	'Jade-AU'	'Crystal'	'Emerald'	'White Gold'
<input checked="" type="checkbox"/> Seed: seeds per pod				
Mean	10.95	11.59	12.00	11.10
Std. Deviation	1.18	1.33	1.24	1.15
LSD/sig	0.65	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Seed: seed weight per pod (g)				
Mean	0.80	0.80	0.77	0.95
Std. Deviation	0.10	0.14	0.15	0.13
LSD/sig	0.057	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Seed: 100 seed weight (g)				
Mean	7.54	7.03	6.73	8.78
Std. Deviation	0.73	0.94	1.05	0.75
LSD/sig	0.40	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Petiole: length (mm)				
Mean	108.76	118.15	110.71	100.97
Std. Deviation	15.74	14.76	19.51	18.98
LSD/sig	10.01	ns	ns	ns
<input checked="" type="checkbox"/> Leaf: central leaflet length (mm)				
Mean	97.67	112.60	111.42	110.27
Std. Deviation	13.68	9.30	17.32	9.84
LSD/sig	8.70	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: central leaflet width (mm)				
Mean	91.57	109.90	106.03	106.40
Std. Deviation	10.38	10.12	14.79	7.28
LSD/sig	6.60	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Peduncle: length (mm)				
Mean	117.50	116.68	120.82	137.70
Std. Deviation	19.95	22.05	20.55	24.80

LSD/sig	10.82	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Pod: length (mm)				
Mean	105.75	103.75	95.38	108.92
Std. Deviation	7.42	7.62	9.22	7.40
LSD/sig	4.03	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Plant: days to flower				
Mean	45.93	46.98	47.88	46.05
Std. Deviation	1.87	1.94	1.86	1.26
LSD/sig	1.01	ns	P≤0.01	ns
<input type="checkbox"/> Plant: height (cm)				
Mean	28.12	27.77	28.01	28.93
Std. Deviation	2.82	3.04	3.70	2.89
LSD/sig	1.53	ns	ns	ns

Prior Applications and Sales

Nil.

Description: **John Rose**, Warwick, QLD.

Details of Application		
Application Number	2014/099	
Variety Name	'Spriphospritz'	
Genus Species	<i>Phormium tenax</i>	
Common Name	New Zealand Flax	
Synonym	Lemon Spritzer	
Accepted Date	7 Jul 2014	
Applicant	Sprint Horticulture Pty Ltd, Wamberal, NSW	
Agent	N/A	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Wamberal, NSW	
Descriptor	National Descriptor for <i>Phormium tenax</i> (PBR PHOR)	
Period	Autumn 2014	
Conditions	Trial conducted in 200mm pots in a standard soilless potting mixture outside under ambient conditions at Wamberal, NSW. Nutrition maintained with slow release fertilizer, irrigation by overhead watering when required, pest and disease treatments not required.	
Trial Design	Completely randomised design.	
Measurements	Random selection from 10 plants.	
RHS Chart - edition	2007	
Origin and Breeding		
Spontaneous mutation: 'Yellow Wave'. A single spontaneous mutation was observed in 2006 during propagation of 'Yellow Wave'. It was subsequently tested over the next 2 years in order to confirm stable reproduction of this trait. There were no reversions during this period and it was considered to be a distinct new variety which could be reproduced vegetatively through micropropagation by 2008. The parent is characterised by its variegated leaf form with green margin zone and yellow middle zone. Selection took place in Zhejiang, China. Selection criteria: colour pattern of leaf blade being reversed from parent, attractive plant growth habit, stable reproduction. Propagation: vegetatively by micropropagation. Breeder: Dr Krishna Bhuvanendra Kumar, Zhejiang, China.		
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	presence of variegation	present
Leaf	number of colours	two
Leaf	colours of variegation	green and yellow
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Yellow Wave'	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	‘Spriphospritz’	‘Yellow Wave’
<input type="checkbox"/> Plant: height	short to medium	medium
<input type="checkbox"/> Plant: width	narrow to medium	medium
<input checked="" type="checkbox"/> Plant: number of suckers	many	medium
<input checked="" type="checkbox"/> Plant: number of leaves	many	medium
<input checked="" type="checkbox"/> Plant: main colour	green	yellow
<input checked="" type="checkbox"/> Leaf: length	short to medium	medium to long
<input checked="" type="checkbox"/> Leaf: width at broadest part	narrow to medium	medium to broad
<input checked="" type="checkbox"/> Young leaf: main colour of middle zone on upper side (RHS colour chart)	137A	3C
<input checked="" type="checkbox"/> Young leaf: main colour of margin zone on upper side (RHS colour chart)	3C	137B
<input checked="" type="checkbox"/> Young leaf: main colour of middle zone on lower side (RHS colour chart)	137A	3C
<input checked="" type="checkbox"/> Young leaf: main colour of margin zone on lower side (RHS colour chart)	3C	137B
<input checked="" type="checkbox"/> Leaf: main colour of middle zone on upper side (RHS colour chart)	137B	3D
<input checked="" type="checkbox"/> Leaf: main colour of margin zone on upper side (RHS colour chart)	4D	137B
<input checked="" type="checkbox"/> Leaf: main colour of middle zone on lower side (RHS colour chart)	137B	1C
<input checked="" type="checkbox"/> Leaf: main colour of margin zone on lower side (RHS colour chart)	4D	137B

Prior Applications and Sales

Prior Applications: nil.

First sold in the USA in Jun 2013. First Australian sale Jul 2013.

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

Details of Application	
Application Number	2013/033
Variety Name	'Redvale'
Genus Species	<i>Arachis hypogaea</i>
Common Name	Peanut
Accepted Date	10 May 2013
Applicant	The State of Queensland acting through the Department of Agriculture, Fisheries and Forestry, Brisbane, QLD and Grains Research and Development Corporation, Barton, ACT.
Agent	Peanut Company of Australia Limited, Kingaroy, QLD
Qualified Person	Dr Graeme Wright
Details of Comparative Trial	
Location	Bundaberg, QLD
Descriptor	UPOV TG Peanut (<i>Arachis hypogaea</i>) TG/93/3
Period	November 2012 to May 2013
Conditions	Irrigated, commercial peanut seed block On rotated land in sugar cane region Cultural practices conducted by collaborating farmer (Peter Russo)
Trial Design	Randomised Block Design with three replicates
Measurements	Kernel grades (Jumbo Kernel%), Presence of flowers on main stem. Jumbo Kernel % was measured as a proportion of total kernels shelled out from a 1 kg pod sample that ride over a screen with 24/64" diameter holes.
Origin and Breeding	
<p>Controlled pollination: 'Walter' x 'D45-p37-102'. The genotype 'D193-p3-6 TAN is a sister line of 'Tingoora' (D193-p3-8) and has nearly identical pedigree. 'Walter' was the first high oleic ultra-early line released from the QPIF-GRDC breeding program(also known as 'D116-p35-2'). 'D45-p37-102' was a high oleic, highly foliar disease tolerant breeding line which did not progress to commercial release. The cross was made in 2002-03 and the F₁ ('D193') grown in the Kairi Research Station glasshouse in Northern QLD. In the following summer (2003/04) at the Taabinga Research Station at Kingaroy, Southern QLD, some single F₂ plant selections were made on the basis of pod and kernel characteristics. F₃ seed from those single plants were planted as F₂:F₃ rows in a winter nursery at Southedge Research Station in Northern QLD in 2004. These rows were selected on the basis of high pod and kernel yield and high kernel %. Subsequently, F₄ single plants were selected on the basis of pod and kernel characters in the summer of 2004/05 from F₂:F₄ spaced plants grown at Bundaberg Research Station in Southern QLD. F₄:F₅ rows were then grown out at the Taabinga Research Station at Kingaroy, Southern QLD in the summer of 2005/06. An Ultra Early Preliminary Yield Test was planted in 2006/07 at the Taabinga Research Station. 'D193-p3-6' was tested in two years of regional ultra-early variety evaluation trials during 2007-08 and 2008-09 and was superior to 'Tingoora' in terms of kernel yield, grade out and foliar disease tolerance. However, the line had a major defect with the presence of a dual colour seed testa (skin); pink and tan, which prevented it from being released ahead of 'Tingoora'. The program was unable to determine</p>	

whether the seed testa colour problem was associated with late generation segregation or contamination. A decision was made in 2008-09 to re-select two separate lines from 'D193-p-3-6' based on testa colour, which were subsequently named 'D193-p3-6 PINK' and 'D193-p3-6 TAN'. Single fixed plants from 'Pink' and 'Tan' seed were subsequently grown out and harvested to create these new lines. These new lines were then tested in three years of regional ultra-early variety evaluation trials during 2009-10, 2010-11 and 2011-12, with 'D193-p3-6 TAN' being found to have superior kernel yield, grade out and foliar disease tolerance compared to 'D193-p3-6 PINK', as well as compared to 'Tingoora' and 'Walter' checks. The seed parent has a prostrate growth habit and very sparse branching. The pollen parent has red kernel colour and is medium in maturity. Breeder: Allan Cruickshank, DAFF, Warwick, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	runner type
Plant	time of maturity	very early
Plant	growth habit	semi-erect
Kernel	oleic-acid content	

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Tingoora'	sister line

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Walter'	Plant	growth habit	semi-erect	prostrate	
'Walter'	Plant	branching	medium to profuse	very sparse	

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	'Redvale'	'Tingoora'
<input type="checkbox"/> *Plant: growth habit	semi-erect	semi-erect
<input type="checkbox"/> Plant: branching	medium to profuse	medium to profuse
<input type="checkbox"/> *Time of: maturity	very early	very early
<input type="checkbox"/> Leaflet: size	small to medium	small to medium
<input type="checkbox"/> Leaflet: colour	light green to medium green	light green to medium green
<input type="checkbox"/> *Flowering: general pattern	sequential	sequential

<input checked="" type="checkbox"/> Flowering: pattern of main stem	none	sequential
<input type="checkbox"/> *Pod: constrictions	medium	medium
<input type="checkbox"/> Pod: texture of surface	fine to medium	fine to medium
<input type="checkbox"/> Pod: number of kernels	few	few
<input type="checkbox"/> *Pod: prominence of beak	inconspicuous	inconspicuous
<input type="checkbox"/> *Pod: shape of beak	curved	curved
<input type="checkbox"/> *Kernel: colour of uncured mature testa	monochrome	monochrome
<input type="checkbox"/> *Kernel: colour of mature uncured testa (varieties with monochrome testa only)	flesh	flesh
<input type="checkbox"/> Kernel: shape	spheroidal	spheroidal
<input type="checkbox"/> Kernel: size	medium	small to medium
<input type="checkbox"/> *Kernel: weight per 1000 kernels	medium	medium
<input type="checkbox"/> *Kernel: dormancy period	medium	medium
<input type="checkbox"/> Kernel: percentage of shell	high	high

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Redvale'	'Tingoora'
<input checked="" type="checkbox"/> Kernel: Proportion of jumbo sized kernels(%)	40-45	30-35

Statistical Table

Organ/Plant Part: Context	'Redvale'	'Tingoora'
<input checked="" type="checkbox"/> Kernel: Proportion of jumbo sized kernels(%)		
Mean	42.30	34.90
Std. Deviation	1.28	1.28
LSD/sig.	4.20	P≤0.01

Prior Applications and Sales

Nil

Description: **Dr Graeme Wright**, Kingaroy, QLD

Details of Application		
Application Number	2012/028	
Variety Name	'XPO'	
Genus Species	<i>Lolium perenne</i>	
Common Name	Perennial Ryegrass	
Synonym	Nil	
Accepted Date	09 Apr 2014	
Applicant	Grasslands Innovation Ltd., Palmerston North, New Zealand	
Agent	Griffith Hack, Brisbane, QLD	
Qualified Person	Joy Lin	
Details of Comparative Trial		
Overseas Testing Authority	New Zealand Plant Variety Rights Office (NZPVRO)	
Overseas Data Reference Number	RYG096, Grant No. 2975	
Location	Christchurch, New Zealand	
Descriptor	Ryegrass (new) (<i>Lolium</i> spp.) TG/4/8	
Period	2009 and 2010	
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office atASUREQuality Ltd, Lincoln, New Zealand.	
Trial Design	Randomised spaced plots: 6 replicates of 12 plants per variety. Row plots: 2 replicates of 5 metres with density plants per replicate of 200 plants per metre.	
Measurements	Observations and measurements on spaced plants were made on 60 plants. Observations on rows were made on each row as a whole unit.	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: 'XPO' (PG1113) perennial ryegrass was bred from a cross of PG158 with 'Aberdart' made in 2003/2004. Parent plants were selected on the basis of late flowering seed yield, winter productivity, annual productivity, persistence and disease resistance.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	diploid
Plant	time of inflorescence emergence (after vernalisation)	medium to late
Plant	length of longest stem, inflorescence included (when fully expanded)	Medium

Name	Comments
'Aberdart'	
'AberMagic'	
'Indiana'	
'Aries HD'	
'Dobson'	
'Arrow'	
'Tolosa'	
'Alto'	
'One50'	
'Aberavon'	

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	'XPO'	'Aberavon'	'Aberdart'	'AberMagic'	'Alto'	'Aries HD'	'Arrow'	'Dobson'	'Indiana'	'One50'	'Tolosa'
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	medium	medium	medium	semi-erect to medium	medium	medium to semi-prostrate	medium	medium	semi-erect to medium	medium	medium
<input checked="" type="checkbox"/> Leaf: length	long	long	medium	short to medium	long	medium	medium	medium	medium	long	long
<input checked="" type="checkbox"/> Leaf: width	medium	medium	narrow	narrow	medium	narrow to medium	medium	medium to broad	medium	broad	broad
<input type="checkbox"/> Leaf: intensity of green colour	light to medium	medium	medium	medium	medium	medium	medium	medium	medium	light to medium	light to medium
<input type="checkbox"/> Plant: width	medium	medium	medium	narrow to medium	medium	medium	narrow to medium	medium	medium	medium	narrow to medium
<input checked="" type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium	medium	medium	medium	medium	semi-prostrate	medium	semi-prostrate	semi-erect to medium	medium	medium
<input checked="" type="checkbox"/> Plant: height	tall	medium to tall	medium	short to medium	medium	short	medium to tall	medium	medium	medium to tall	medium
<input type="checkbox"/> Plant: natural height at inflorescence emergence	medium	short to medium	short to medium	short to medium	short to medium	medium	medium	medium	medium	medium	short to medium
<input type="checkbox"/> Plant: width at inflorescence emergence	medium	medium	medium	narrow to medium	medium	medium	medium	narrow to medium	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'XPO'	'Aberavon'	'Aberdart'	'AberMagic'	'Alto'	'Aries HD'	'Arrow'	'Dobson'	'Indiana'	'One50'	'Tolosa'
<input checked="" type="checkbox"/> Plant: growth in winter	strong	medium	medium	weak to medium	medium to strong	medium	strong	medium	medium	strong	strong

Statistical Table

Organ/Plant Part: Context	'XPO'	'Aberavon'	'Aberdart'	'AberMagic'	'Alto'	Aries HD	'Arrow'	'Dobson'	'Indiana'	'One50'	'Tolosa'
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence (days)											
Mean	74.20	74.20	75.65	76.93	71.17	60.96	64.37	64.04	71.52	74.09	79.04
Std. Deviation	7.31	6.45	6.63	4.94	6.27	4.96	4.98	5.48	6.92	6.20	5.86
LSD/sig	3.52	ns	ns	ns	ns	P≤0.01	P≤0.01	P≤0.01	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: length (mm)											
Mean	159.50	166.32	131.20	135.85	150.95	177.42	178.32	189.90	183.95	144.13	113.45
Std. Deviation	38.59	30.09	33.21	34.66	31.52	31.13	32.42	32.19	31.62	28.98	25.46
LSD/sig	22.04	ns	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Flag leaf: length/width ratio											
Mean	26.36	25.21	30.52	23.27	22.72	25.51	26.36	27.60	26.87	21.25	23.07
Std. Deviation	5.82	4.08	10.55	5.38	4.97	5.27	4.76	4.11	4.04	3.25	5.21
LSD/sig	3.17	ns	P≤0.01	ns	P≤0.01	ns	ns	ns	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: length of longest stem inflorescence included (when fully expanded) (mm)											
Mean	717.15	736.57	644.27	714.82	714.90	723.33	7.13	747.85	765.63	729.85	603.72
Std. Deviation	88.19	95.42	90.30	98.44	67.08	79.27	84.66	82.55	80.82	76.18	99.38
LSD/sig	56.55	ns	P≤0.01	ns	ns	ns	ns	ns	ns	ns	P≤0.01
<input type="checkbox"/> Plant: length of upper internode (mm)											
Mean	256.15	241.43	224.88	234.57	277.88	296.58	263.60	292.03	282.70	259.82	203.70
Std. Deviation	70.49	60.34	60.85	48.86	57.78	44.58	49.28	50.99	60.12	58.68	53.11
LSD/sig	33.50	ns	ns	ns	ns	P≤0.01	ns	P≤0.01	ns	ns	P≤0.01
<input type="checkbox"/> Inflorescence: length (mm)											
Mean	249.43	261.77	208.53	242.27	234.52	239.58	254.03	238.98	260.13	235.45	210.52
Std. Deviation	34.10	33.33	33.16	37.88	27.52	37.70	35.60	39.50	34.49	29.38	35.67
LSD/sig	19.97	ns	P≤0.01	ns	ns	ns	ns	ns	ns	ns	P≤0.01
<input type="checkbox"/> Inflorescence: number of spikelets											
Mean	27.58	29.67	23.27	26.57	26.65	26.00	27.05	26.63	28.22	26.62	22.55
Std. Deviation	4.23	4.30	4.14	4.89	4.51	6.28	4.51	3.94	4.12	3.90	3.64
LSD/sig	2.79	ns	P≤0.01	ns	ns	ns	ns	ns	ns	ns	P≤0.01
<input type="checkbox"/> Inflorescence: density(length of inflorescence/number of spikelets)											
Mean	9.19	8.94	9.13	9.28	8.99	9.56	9.61	9.06	9.33	8.98	9.55
Std. Deviation	1.44	1.29	1.72	1.42	1.50	2.10	1.99	1.49	1.41	1.38	1.90
LSD/sig	0.87	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
<input type="checkbox"/> Inflorescence: length of outer glume on basal spikelet (mm)											
Mean	12.39	12.59	10.68	12.14	12.04	13.17	15.48	13.43	13.59	10.42	9.30
Std. Deviation	2.69	2.72	2.61	2.72	2.05	2.33	2.51	1.81	2.58	1.82	1.84
LSD/sig	1.42	ns	P≤0.01	ns	ns	ns	P≤0.01	ns	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length of basal spikelet excluding awn (mm)											
Mean	21.91	20.10	17.26	21.26	20.18	20.80	22.32	18.71	22.31	21.36	18.76
Std. Deviation	3.50	3.10	2.86	3.67	3.34	2.91	3.44	2.36	3.26	3.36	3.17
LSD/sig	1.63	P≤0.01	P≤0.01	ns	P≤0.01	ns	ns	P≤0.01	ns	ns	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2009	Granted	'XPO'

First sold in New Zealand in April 2008 and in Australia in February 2011.

Description: **Joy Lin**, Grasslanz Technology Ltd., Palmerston North, New Zealand.

Details of Application		
Application Number	2012/017	
Variety Name	'BASE'	
Genus Species	<i>Lolium perenne</i>	
Common Name	Perennial Ryegrass	
Synonym	Nil	
Accepted Date	09 Apr 2014	
Applicant	Grasslands Innovation Ltd., Palmerston North, New Zealand	
Agent	Griffith Hack, Brisbane, QLD	
Qualified Person	Joy Lin	
Details of Comparative Trial		
Overseas Testing Authority	New Zealand Plant Variety Rights Office (NZPVRO)	
Overseas Data Reference Number	RYG102 Grant no. 30780	
Location	Lincoln, New Zealand	
Descriptor	Ryegrass (new)(<i>Lolium</i> spp.) TG/4/8	
Period	2010-2012	
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office atASUREQuality Ltd, Lincoln, New Zealand.	
Trial Design	Randomised spaced plots: 6 replicates of 12 plants per variety. Row plots: 2 replicates of 5 metres with density plants per replicate of 200 plants per metre.	
Measurements	Observations and measurements on spaced plants were made on 60 plants. Observations on rows were made on each row as a whole unit.	
RHS Chart - edition	N/A	
Origin and Breeding		
Controlled pollination: Three year old survivors of 'KLp204a' and 'Bealey' were collected from a trial at Hamilton, VIC and 2 year old survivors of 'BQTII' and 'Bealey' swards were collected from separate trials in VIC. Plant density in the plots was approximately 5-10% of density at sowing, following severe drought and hard rotational sheep grazing. Forty 'KLp204a' and 'BQTII' plants were pollinated with 'Bealey' plants and harvested individually to form 40 families. Based on lack of aftermath heading (AMH) and good regrowth of the parents, seed of 20 of these families was combined to form 'KLp701', later renamed as 'Base'. Breeder: PGG Wrightsons Seeds Ltd., Christchurch, New Zealand.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	Ploidy	tetraploid
Plant	Time of inflorescence emergence	late
Plant	Length of longest stem,	semi-erect

		inflorescence included			
Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
‘Abercraigs’					
‘Astonenergy’					
‘Elital’					
‘Impressario’					
‘HLO’					
‘BQT II’					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Bealey’	Plant	head length	medium	medium-erect	
‘Bealey’	Plant	tiller density	medium	low-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	‘BASE’	‘Abercraigs’	‘Astonenergy’	‘BQT II’	‘Elital’	‘HLO’	‘Impressario’
<input type="checkbox"/> Plant: vegetative growth habit (without vernalisation)	semi-erect to medium	medium	medium	medium	medium	medium	medium
<input type="checkbox"/> Leaf: length	short to medium	medium to long	medium to long	medium	medium	medium	medium
<input type="checkbox"/> Leaf: width	medium	medium	medium	medium	medium	medium	medium
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium to dark	medium to dark	medium	medium to dark	medium	medium
<input type="checkbox"/> Plant: width	medium	medium	medium	medium	medium	medium	medium to wide
<input type="checkbox"/> Plant: vegetative growth habit (after vernalisation)	medium	medium	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: height	short to medium	medium	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: natural height at inflorescence	medium	medium	medium	medium	medium	medium	medium

emergence							
<input type="checkbox"/> Plant: width at inflorescence emergence	wide	wide	wide	wide	wide	wide	medium to wide

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'BASE'	'Abercraigs'	'Astonenergy'	'BQT II'	'Elital'	'HLO'	'Impressario'
<input type="checkbox"/> Plant: Growth in winter	medium	medium	medium	medium	medium	medium	medium

Statistical Table

Organ/Plant Part: Context	'BASE'	'Abercraigs'	'Astonenergy'	'BQT II'	'Elital'	'HLO'	'Impressario'
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence (days)							
Mean	80.80	91.46	90.78	81.58	92.61	86.32	71.08
Std. Deviation	5.55	5.90	5.41	4.81	7.66	4.56	6.60
LSD/sig	3.0	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Flag leaf: width (mm)							
Mean	7.77	6.55	7.33	8.23	6.77	8.04	9.03
Std. Deviation	1.28	1.09	1.27	1.22	1.07	1.26	1.79
LSD/sig	0.72	P≤0.01	ns	ns	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Flag leaf: length/width ratio							
Mean	20.91	29.42	29.36	22.03	31.99	21.76	24.87
Std. Deviation	4.52	5.73	5.57	4.23	5.99	3.88	4.66
LSD/sig	2.92	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Plant: length of longest stem inflorescence included (when fully expanded) (mm)							
Mean	720.37	850.75	893.88	834.58	876.70	730.17	739.33
Std. Deviation	85.03	118.46	81.58	114.22	109.19	91.29	117.27
LSD/sig	60.19	P≤0.01	ns	P≤0.01	P≤0.01	ns	ns
<input type="checkbox"/> Plant: length of upper internode (mm)							
Mean	238.38	240.40	256.65	247.00	242.63	213.08	262.17
Std. Deviation	53.47	52.36	42.33	52.13	56.35	53.61	63.81
LSD/sig	31.45	ns	ns	ns	ns	ns	ns
<input type="checkbox"/> Inflorescence: length (mm)							
Mean	242.83	272.40	291.53	266.75	291.50	249.17	272.85
Std. Deviation	43.24	42.03	35.95	36.34	58.46	32.00	46.47
LSD/sig	20.11	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: number spikelets							
Mean	21.53	24.43	26.43	23.75	26.07	23.08	22.68
Std. Deviation	3.82	3.16	3.09	4.21	3.42	3.44	4.19
LSD/sig	1.74	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	ns

☐ Inflorescence: density (length of inflorescence/number of spikelets)							
Mean	11.40	11.20	11.13	11.52	11.23	10.93	12.22
Std. Deviation	1.91	1.54	1.49	2.37	2.15	1.52	1.95
LSD/sig	0.87	ns	ns	ns	ns	ns	ns
☐ Inflorescence: length of outer glume on basal spikelet (mm)							
Mean	13.06	11.91	13.82	14.79	15.25	13.33	16.12
Std. Deviation	2.16	1.90	2.14	2.58	2.41	2.17	2.81
LSD/sig	1.34	ns	ns	P≤0.01	P≤0.01	ns	P≤0.01
☐ Inflorescence: length of basal spikelet excluding awn (mm)							
Mean	21.89	17.51	21.79	21.75	21.12	21.43	23.72
Std. Deviation	2.98	3.99	3.38	3.19	3.24	3.08	3.39
LSD/sig	1.60	P≤0.01	ns	ns	ns	ns	P≤0.01
☐ Flag leaf: length (mm)							
Mean	160.43	190.45	212.48	179.42	213.35	172.75	221.92
Std. Deviation	38.45	39.64	45.48	33.98	38.71	34.63	49.03
LSD/sig	19.65	P≤0.01	P≤0.01	ns	P≤0.01	ns	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2009	Granted	'Base'

First sold in New Zealand and Australia March 2011.

Description: **Joy Lin**, Grasslanz Technology Ltd., Palmerston North, New Zealand.

Details of Application	
Application Number	2012/283
Variety Name	'Zaprikate'
Genus Species	<i>Alstroemeria</i> hybrid
Common Name	Peruvian Lily
Synonym	Nil
Accepted Date	06 Feb 2013
Applicant	Van Zanten Plants B. V. Aalsmeer, The Netherlands.
Agent	Ramm Botanicals Holdings Pty Ltd, Kangy Angy, NSW.
Qualified Person	Megan Bartley
Details of Comparative Trial	
Overseas Testing Authority	Community Plant Variety Office (CPVO)
Overseas Data Reference Number	2012/0663
Location	Kangy Angy, NSW
Descriptor	<i>Alstroemeria</i> (<i>Alstroemeria</i>)TG/29/7
Period	August - December 2013
Conditions	The trial was conducted to verify the CPVO test report conducted by Naktuinbouw at Roelofarendsveen, Holland. Descriptions of the comparators were taken from descriptions published in the Plant Varieties Journal. Tissue cultured cuttings were supplied by Van Zanten Plants B. V. in May 2013. The Tissue cultured plants were planted into Ellgaard plugs under mist then potted to 140mm standard nursery pots in August. The plants were grown outdoors in the open. The light was natural. No additional light was given. Potting mix was a general-purpose type based on composted pine bark pH 5.9. Controlled release fertilizer only was used and no supplementary fertiliser was used. Overhead watering was used as necessary. Routine pest and disease sprays were carried out.
Trial Design	The trial was grown in a completely randomised design. The total number of plants in the trial was 10.
Measurements	All the observations were taken on 8 different flower stems. The measurements were taken in December, 2013.
RHS Chart - edition	1995
Origin and Breeding	
Controlled pollination: 'Zaprikate' arose from crossing work between mother 5779-1 and father 66480-1 in Rijsenhout. The selection work was done by Van Zanten Plants B.V. at the research station in Rijsenhout, The Netherlands during the years 2008 - 2010. The seedling was selected on the basis of flower colour, plant shape and plant quality and propagated by tissue culture through 10 generations, in which, no mutations were observed. Breeder: Van Zanten Plants B. V. Aalsmeer, 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	very short
Flower	main colour	red
Outer Tepal	shape of blade	broad obovate
Inner Tepal	shape of blade	elliptic
Filament	main colour	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Zaprilet'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Staprirange'	inner lateral tepal	number of stripes on upper side	absent or few	medium to many	
'Koncajoli'	inner median tepal	main colour of striped zone	red	yellow	
'Konpulse'	inner lateral tepal	stripes	present	absent	
'Staprioxa'	flower	main colour	red	red-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	'Zaprimate'	'Zaprilet'
<input type="checkbox"/> *Plant: height	very short	very short
<input type="checkbox"/> Stem: thickness	very thin to thin	thin
<input type="checkbox"/> Leaf: length	short	very short
<input type="checkbox"/> Leaf: width	narrow to medium	narrow
<input type="checkbox"/> *Umbel: number of branches	few to medium	few
<input type="checkbox"/> *Umbel: length of branches	very short to short	short
<input type="checkbox"/> *Flower: length of pedicel	short	short
<input type="checkbox"/> *Flower: main colour	red	red
<input type="checkbox"/> *Flower: size	medium	medium
<input type="checkbox"/> *Outer tepal: shape of blade	broad obovate	broad obovate
<input type="checkbox"/> *Outer tepal: depth of emargination	shallow	shallow
<input type="checkbox"/> *Outer tepal: main colour of central zone (RHS Colour Chart)	Red, between RHS 45A and 45B	Red between RHS 45C and 45D
<input type="checkbox"/> *Outer tepal: main colour of top zone (RHS	Red, between RHS	Red between RHS

Colour Chart)	45A and 45B	47A and 47B
<input type="checkbox"/> *Outer tepal: main colour of lateral zone (RHS Colour Chart)	Red, between RHS 45A-B and 42A	Red between RHS 45B and 45C
<input type="checkbox"/> *Outer tepal: main colour of basal zone (RHS Colour Chart)	Red, between RHS 45A-B and 42A	Red ca. RHS 45D
<input checked="" type="checkbox"/> *Outer tepal: very small or small stripes on marginal part of lateral zone of upper side of blade	absent	present
<input type="checkbox"/> *Outer tepal: large or very large stripes on upper side of blade	present	present
<input type="checkbox"/> *Outer tepal: number of large or very large stripes on upper side of blade	very few	medium
<input type="checkbox"/> *Inner tepal: shape of blade	elliptic	elliptic
<input type="checkbox"/> *Inner lateral tepal: size of striped zone on upper side	large to very large	very large
<input checked="" type="checkbox"/> *Inner lateral tepal: main colour of striped zone on upper side (RHS Colour Chart)	Red, between RHS 45A and 45B	Ca. RHS 12A and between 45B and 45C distal part yellow, basal part red
<input type="checkbox"/> *Inner lateral tepal: number of stripes on upper side	absent or few	medium
<input checked="" type="checkbox"/> *Inner lateral tepal: length of longest stripes on upper side	long	medium
<input checked="" type="checkbox"/> *Inner lateral tepal: width of widest stripes on upper side	broad	narrow to medium
<input checked="" type="checkbox"/> *Inner median tepal: difference in striped pattern compared to inner lateral tepal	present	absent
<input type="checkbox"/> *Filament: main colour	red	red
<input type="checkbox"/> Filament: small spots	absent	absent
<input type="checkbox"/> *Anther: colour just before the start of dehiscence	greenish	yellowish
<input checked="" type="checkbox"/> *Ovary: anthocyanin colouration	present	absent
<input type="checkbox"/> *Ovary: intensity of anthocyanin colouration	very weak to weak	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2012	Granted	'Zaprikate'
USA	2012	Granted	'Zaprikate'

First sold in Italy in Sep 2012.

Description: **Megan Bartley**, Ramm Botanicals Holdings Pty Ltd, Kangy Angy, NSW.

Details of Application	
Application Number	2011/022
Variety Name	'Black Jack'
Genus Species	<i>Photinia x fraseri</i>
Common Name	Photinia
Synonym	Nil
Accepted Date	21 Apr 2011
Applicant	Eric Wallace Jordan, Box Hill, NSW.
Agent	Traden Tubes Pty Ltd, Box Hill, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Box Hill, NSW
Descriptor	PBR GEN DES (General Descriptor)
Period	Autumn-Winter 2013
Conditions	Trial conducted open beds, rooted cuttings planted into 200 pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.
Trial Design	Fifteen plants of each variety arranged in a completely randomised design.
Measurements	From ten plants at random
RHS Chart - edition	2007

Origin and Breeding

Open pollination: seed parent *Photinia x fraseri* x pollen parent *Photinia x fraseri*. The parent is characterised by a red young shoot colour and medium leaf serration. Selection took place at Box Hill, NSW. Selection criteria: strong plant growth vigour, bushy growth habit and attractive foliage colour. Propagation: vegetatively reproduced plants from cuttings are found to be uniform and stable. Breeder: Eric Wallace Jordan, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	type	shrub
Plant	growth habit	bushy
Stem	presence of anthocyanin in new growth	present
Young shoot	anthocyanin colouration	strong
Leaf	incision of margin	present

Most Similar Varieties of Coon Knowledge identified (VCK)

Name	Comments
'Red Robin'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	'Ever Bright'	young shoot	colour	187A	
'Red Devil'	young shoot	colour	187A	185A	
'PARSUR'	young shoot	colour	greyed orange	dark greyed 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	'Black Jack'	'Red Robin'
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input checked="" type="checkbox"/> Plant: size	small to medium	medium to large
<input checked="" type="checkbox"/> Plant: height	medium	medium to tall
<input checked="" type="checkbox"/> Plant: width	narrow to medium	medium
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	present	present
<input type="checkbox"/> Young shoot: anthocyanin colouration	strong	strong
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input type="checkbox"/> Leaf: size	medium	medium
<input type="checkbox"/> Leaf: attitude	erect	erect
<input type="checkbox"/> Leaf: arrangement	alternate	alternate
<input type="checkbox"/> Leaf: length of blade	medium	short to medium
<input type="checkbox"/> Leaf: width of blade	medium	medium
<input type="checkbox"/> Leaf: length of petiole	medium	medium
<input type="checkbox"/> Leaf: shape	oblanceolate	oblanceolate
<input type="checkbox"/> Leaf: shape of apex	apiculate	apiculate
<input type="checkbox"/> Leaf: shape of base	attenuate	attenuate
<input type="checkbox"/> Leaf: incision of margin	present	present
<input type="checkbox"/> Leaf: depth of incision	very shallow	very shallow
<input type="checkbox"/> Leaf: type of incision	toothed	toothed
<input checked="" type="checkbox"/> Leaf: undulation of the margin	weak to medium	medium to strong
<input type="checkbox"/> Leaf: shape of cross-section	concave	concave
<input type="checkbox"/> Leaf: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> Leaf: glossiness of upper side	weak to medium	medium
<input checked="" type="checkbox"/> Leaf: green colour	dark to very dark	medium
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	147A	147A

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Black Jack'	'Red Robin'
<input checked="" type="checkbox"/> Stem: colour of immature growth (RHS)	187A	183A
<input type="checkbox"/> Stem: attitude of laterals	erect	erect
<input type="checkbox"/> Plant: branching	weak to medium	medium
<input type="checkbox"/> Plant: vigour	medium	medium
Statistical Table		
Organ/Plant Part: Context	'Black Jack'	'Red Robin'
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	60.20	82.80
Std. Deviation	7.70	12.50
LSD/sig	13.38	P≤0.01
<input checked="" type="checkbox"/> Plant: width (cm)		
Mean	21.70	28.30
Std. Deviation	2.10	4.70
LSD/sig	4.64	P≤0.01
<input type="checkbox"/> Leaf: length (mm)		
Mean	108.40	115.60
Std. Deviation	11.20	10.90
LSD/sig	14.18	ns
<input type="checkbox"/> Leaf: width (mm)		
Mean	27.60	44.70
Std. Deviation	5.30	5.40
LSD/sig	6.84	ns
<input type="checkbox"/> Petiole: length (mm)		
Mean	12.10	12.10
Std. Deviation	1.60	2.40
LSD/sig	2.60	ns

Prior Applications and Sales

Nil

Description: **Ian Paananen**, Crop and Nursery Services, Macmasters Beach, NSW.

Details of Application		
Application Number	2008/038	
Variety Name	'SASSY'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym	Nil	
Accepted Date	05 Aug 2008	
Applicant	Germicopa SAS, France	
Agent	Griffith Hack, Perth, WA	
Qualified Person	John Fennell	
Details of Comparative Trial		
Location	Waikerie, SA	
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6	
Period	October 2013 to April 2014	
Conditions	Plantlets ex-quarantine raised from tissue cultures and 60 plants per candidate and comparator varieties were planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse	
Trial Design	Non-replicated block with candidate and comparator next to each other	
Measurements	Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data. Tubers were recorded on 19 January 2014. Lightsprout data recorded and photographed in April 2014.	
Origin and Breeding		
Controlled pollination: 'G82TT137.1' x 'Promesse'. After crossing in 1992 to produce true seed the subsequent multiplications were clonal and a single breeding line was selected following 8 seasons of field trial at Chateauneuf du Faou, France. 'Sassy' was selected for disease resistance, high yield, consistent performance and tuber appearance and consumer qualities. The variety has been stable since commercial release. Breeder: Germicopa SAS, France.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	shape	conical
Flower	colour	pink to purple
Tuber	shape	round
Name	Comments	
'Osprey'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Hermes'	tuber	resistance to common scab	moderate resistance	susceptible	
'Hermes'	tuber	size variation	uniform	variable	

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	'SASSY'	'Osprey'
<input type="checkbox"/> Lightsprout: size	medium to large	medium to large
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	medium
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium	weak to medium
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	small	large
<input checked="" type="checkbox"/> Lightsprout: habit of tip	closed	open
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	strong	medium
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	medium to strong
<input type="checkbox"/> *Lightsprout: number of root tips	medium to many	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short to medium	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	stem type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium to large	medium
<input checked="" type="checkbox"/> Leaf: openness	closed	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium
<input checked="" type="checkbox"/> Leaf: green colour	light	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium to large	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium to broad	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	absent or very weak	absent or very weak
<input type="checkbox"/> Leaflet: depth of veins	medium to deep	medium to deep
<input type="checkbox"/> Leaflet: glossiness of the upper side	medium to glossy	medium to glossy

<input type="checkbox"/> Flower bud: anthocyanin colouration	medium to strong	weak to medium
<input type="checkbox"/> Plant: height	medium to tall	tall
<input type="checkbox"/> *Plant: frequency of flowers	medium to high	low
<input type="checkbox"/> Inflorescence: size	medium to large	small
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	weak	
<input type="checkbox"/> Flower corolla: size	medium to large	medium
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	medium to strong	medium
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	medium	absent or low
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	medium	medium
<input type="checkbox"/> *Plant: time of maturity	early to medium	early
<input type="checkbox"/> *Tuber: shape	round	round
<input checked="" type="checkbox"/> Tuber: depth of eyes	medium	shallow
<input checked="" type="checkbox"/> *Tuber: colour of skin	light beige	red parti-coloured
<input checked="" type="checkbox"/> *Tuber: colour of base of eye	yellow	red
<input checked="" type="checkbox"/> *Tuber: colour of flesh	light yellow	white
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	medium	-

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘SASSY’	‘Osprey’
<input type="checkbox"/> Stem: thickness	medium	thin
<input checked="" type="checkbox"/> Tuber: skin smoothness	rough	medium
<input type="checkbox"/> stem: wings	small	small

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2008	Applied	‘SASSY’
Chile	2006	Granted	‘SASSY’
European Union	2003	Granted	‘SASSY’
Japan	2006	Granted	‘SASSY’
The Netherlands	2000	Granted	‘SASSY’
New Zealand	2008	Granted	‘SASSY’
Russia	2007	Granted	‘SASSY’
South Africa	2008	Applied	‘SASSY’
Switzerland	2007	Granted	‘SASSY’
UK	2008	Granted	‘SASSY’
USA	2008	Applied	‘SASSY’

First sold in Great Britain in Feb 2004.

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

Details of Application		
Application Number	2008/039	
Variety Name	'APOLLINE'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym	Nil	
Accepted Date	17 Oct 2008	
Applicant	Germicopa SAS, France	
Agent	Griffith Hack, Perth, WA	
Qualified Person	John Fennell	
Details of Comparative Trial		
Location	Waikerie, SA	
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6	
Period	October 2013 to April 2014	
Conditions	Plantlets ex-quarantine raised from tissue cultures and 60 plants per candidate and comparator varieties were planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse	
Trial Design	Non-replicated block with candidate and comparator next to each other	
Measurements	Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data. Tubers were recorded on 19 January 2014. Lightsprout data recorded and photographed in April 2014.	
Origin and Breeding		
Controlled pollination: 'Safrane' x 'G81TT155.1'. After crossing in 1993 to produce true seed the subsequent multiplications were clonal and a single breeding line was selected following 10 seasons of field trial at Chateauneuf du Faou, France. 'Apolline' was selected for disease resistance, high yield, consistent performance and tuber appearance and consumer qualities. The variety has been stable since commercial release. Breeder: Germicopa SAS, France.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	white
Lightsprout	shape	conical
Tuber	shape	long oval
Tuber	skin colour	yellow
Tuber	flesh colour	light yellow

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Bintje'					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Safrane'	Flower bud	anthocyanin colouration	medium to strong	absent	maternal 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	'APOLLINE'	'Bintje'
<input type="checkbox"/> Lightsprout: size	medium	medium to large
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	weak	strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	high
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	weak to medium	strong
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	small	medium to large
<input checked="" type="checkbox"/> Lightsprout: habit of tip	closed	open
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak to medium	strong
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	weak	strong
<input type="checkbox"/> *Lightsprout: number of root tips	few	few to medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	weak	medium
<input type="checkbox"/> Leaf: outline size	medium	medium
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	weak	medium
<input type="checkbox"/> Leaf: green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	narrow to medium
<input checked="" type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	medium
<input type="checkbox"/> Leaflet: waviness of margin	weak	very weak to weak
<input type="checkbox"/> Leaflet: depth of veins	medium	shallow to medium

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘APOLLINE’	‘Bintje’
<input type="checkbox"/> Stem: thickness	medium	medium
<input type="checkbox"/> Tuber: skin smoothness	smooth	smooth
<input checked="" type="checkbox"/> stem: wings	medium	small

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Brazil	2009	Granted	‘APOLLINE’
Canada	2008	Granted	‘APOLLINE’
Japan	2007	Granted	‘APOLLINE’
New Zealand	2008	Granted	‘APOLLINE’
South Africa	2008	Applied	‘APOLLINE’
USA	2008	Applied	‘APOLLINE’

First sold in France in Feb 2005.

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

Details of Application		
Application Number	2008/037	
Variety Name	'DAIFLA'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym	Nil	
Accepted Date	05 Aug 2008	
Applicant	Germicopa SAS, France	
Agent	Griffith Hack, Perth, WA	
Qualified Person	John Fennell	
Details of Comparative Trial		
Location	Waikerie, SA	
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6	
Period	October 2013 to April 2014	
Conditions	Plantlets ex-quarantine raised from tissue cultures and 60 plants per candidate and comparator varieties were planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse	
Trial Design	Non-replicated block with candidate and comparator next to each other.	
Measurements	Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data. Tubers were recorded on 19 January 2014. Lightsprout data recorded and photographed in April 2014.	
Origin and Breeding		
Controlled pollination: 'Sylvia' x 'Cara'. After crossing in 1993 to produce true seed the subsequent multiplications were clonal and a single breeding line was selected following 11 seasons of field trial at Chateauneuf du Faou, France. 'Daifla' was selected for disease resistance, high yield, consistent performance and tuber appearance and consumer qualities. The variety has been stable since commercial release. Breeder: Germicopa SAS, France.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Lightsprout	shape	conical
Flower	colour	white
Tuber	skin colour	yellow
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Nicola'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sylvia'	Flower	intensity of anthocyanin on inner side	absent	medium	maternal parent
'Cara'	Tuber	skin colour	yellow	parti- coloured	paternal parent
'Atlas'	Tuber	number	high	medium	
'Atlas'	Plant	maturity	medium	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	'DAIFLA'	'Nicola'
<input type="checkbox"/> Lightsprout: size	medium	medium
<input type="checkbox"/> *Lightsprout: shape	conical	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	medium to strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	medium to strong	strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate to open	intermediate to open
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	medium to strong
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	weak to medium	strong
<input type="checkbox"/> *Lightsprout: number of root tips	medium	medium to many
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	-
<input type="checkbox"/> Plant: foliage structure	intermediate type	stem type
<input type="checkbox"/> *Plant: growth habit	upright to semi-upright	semi-upright to spreading
<input type="checkbox"/> *Stem: anthocyanin colouration	weak	very weak to weak
<input type="checkbox"/> Leaf: outline size	medium to large	medium
<input type="checkbox"/> Leaf: openness	closed to intermediate	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium to strong
<input type="checkbox"/> Leaf: green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Second pair of lateral leaflets: size	large	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	absent or very weak	weak

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'DAIFLA'	'Nicola'
<input type="checkbox"/> Stem: thickness	medium	thick
<input type="checkbox"/> Tuber: skin smoothness	medium	smooth
<input type="checkbox"/> stem: wings	medium	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2008	Applied	'DAIFLA'
Chile	2012	Granted	'DAIFLA'
European Union	2004	Granted	'DAIFLA'
Japan	2007	Granted	'DAIFLA'
New Zealand	2008	Granted	'DAIFLA'
South Africa	2008	Applied	'DAIFLA'
USA	2008	Applied	'DAIFLA'

First sold in Greece in Dec 2004.

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

Details of Application		
Application Number	2012/022	
Variety Name	'Nandina'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym	Nil	
Accepted Date	20 Apr 2012	
Applicant	EUROPLANT Pflanzenzucht GmbH, Germany	
Agent	Dowling AgriTech, Mt Gambier East, SA	
Qualified Person	John Fennell	
Details of Comparative Trial		
Location	Waikerie, SA	
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6	
Period	October 2013 to March 2014	
Conditions	Plantlets ex-quarantine raised from tissue cultures and planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data.	
Trial Design	Un-replicated block with candidate and comparator next to each other.	
Measurements	Tubers were recorded on 19 January 2014. Lightsprout data recorded and photographed in March 2014.	
Origin and Breeding		
Controlled pollination: 'Presto' x 'Flavia'. After crossing in 2000 to produce true seed the subsequent multiplications were clonal and a single breeding line (B01/43/13) was selected following 6 seasons of field trial at D. Bohlendorf, Germany. B01/43/13 was selected for disease resistance, high yield, consistent performance and tuber appearance and processing qualities. The breeding line was named 'Nandina' and released in 2010. The variety has been stable since commercial release. Breeder: Böhm-Nordkartoffel Agraproduktion OHG, Germany.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	pink
Tuber	shape	short oval to oval
Tuber	skin colour	yellow
Tuber	flesh colour	yellow
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Yukon Gold'		

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Flavia’	Flowers	frequency	few to medium	very few	maternal parent
‘Presto’	Leaf	silhouette	medium to open	closed to medium	
‘Chellah’	Plant	foliage structure	leaf type	stem type	

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

Organ/Plant Part: Context	‘Nandina’	‘Yukon Gold’
<input checked="" type="checkbox"/> Lightsprout: size	large	small
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	broad cylindrical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	medium	medium
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	medium	weak
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	medium	small
<input checked="" type="checkbox"/> Lightsprout: habit of tip	intermediate to open	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	medium
<input checked="" type="checkbox"/> Lightsprout: pubescence of tip	medium	weak
<input type="checkbox"/> *Lightsprout: number of root tips	many	medium to many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input type="checkbox"/> Plant: foliage structure	leaf type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright to spreading	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium to large	medium
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium to strong
<input type="checkbox"/> Leaf: green colour	light to medium	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Second pair of lateral leaflets: size	large	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	narrow
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	absent or very weak	absent or very weak
<input type="checkbox"/> Leaflet: depth of veins	medium	medium
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	medium to glossy

<input type="checkbox"/> Flower bud: anthocyanin colouration	medium	medium
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	medium	medium
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	medium	medium
<input type="checkbox"/> *Plant: time of maturity	medium	early to medium
<input type="checkbox"/> *Tuber: shape	short-oval	short-oval
<input type="checkbox"/> Tuber: depth of eyes	shallow	shallow
<input type="checkbox"/> *Tuber: colour of skin	yellow	yellow
<input checked="" type="checkbox"/> *Tuber: colour of base of eye	yellow	red
<input type="checkbox"/> *Tuber: colour of flesh	light yellow	medium yellow

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Nandina'	'Yukon Gold'
<input checked="" type="checkbox"/> Stem: thickness	thin	medium
<input type="checkbox"/> Tuber: skin smoothness	medium	medium
<input type="checkbox"/> stem: wings	absent	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2009	Granted	'Nandina'
Canada	2010	Applied	'Nandina'
Russia	2012	Applied	'Nandina'
The Netherlands	2006	Granted	'Nandina'

First sold in Germany in Mar 2010.

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

Details of Application		
Application Number	2008/150	
Variety Name	'Dinky'	
Genus Species	<i>Solanum tuberosum</i>	
Common Name	Potato	
Synonym	Nil	
Accepted Date	11 Sep 2008	
Applicant	Germicopa SAS, France	
Agent	Griffith Hack, Perth, WA	
Qualified Person	John Fennell	
Details of Comparative Trial		
Location	Waikerie, SA	
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6	
Period	October 2013 to April 2014	
Conditions	Plantlets ex-quarantine raised from tissue cultures and 60 plants per candidate and comparator varieties were planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse	
Trial Design	Non-replicated block with candidate and comparator next to each other.	
Measurements	Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data. Tubers were recorded on 19 January 2014. Lightsprout data recorded and photographed in April 2014.	
Origin and Breeding		
Controlled pollination: 'G84TT411001' x 'G89D2006003'. After crossing in 1995 to produce true seed the subsequent multiplications were clonal and a single breeding line was selected following 9 seasons of field trial at Chateauneuf du Faou. 'Dinky' was selected for disease resistance, high yield, consistent performance and tuber appearance and consumer qualities. The variety has been stable since commercial release. Breeder: Germicopa SAS, France.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	pink
Tuber	shape	long oval
Tuber	skin colour	red
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Desiree'		

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	'Dinky'	'Desiree'
<input type="checkbox"/> Lightsprout: size	medium to large	large
<input type="checkbox"/> *Lightsprout: shape	narrow cylindrical	narrow cylindrical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong to very strong	medium
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	high	absent or low
<input type="checkbox"/> *Lightsprout: pubescence of base	weak to medium	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	small
<input checked="" type="checkbox"/> Lightsprout: habit of tip	intermediate	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak to medium	very weak to weak
<input type="checkbox"/> Lightsprout: pubescence of tip	medium to strong	very weak to weak
<input checked="" type="checkbox"/> *Lightsprout: number of root tips	few	many
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	medium to strong	medium
<input checked="" type="checkbox"/> Leaf: outline size	large	small to medium
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium
<input type="checkbox"/> Leaf: green colour	medium	medium to dark
<input checked="" type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	medium to strong	weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input type="checkbox"/> Leaflet: waviness of margin	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Leaflet: depth of veins	medium	shallow
<input type="checkbox"/> Leaflet: glossiness of the upperside	medium	medium
<input type="checkbox"/> Flower bud: anthocyanin colouration	medium	weak
<input type="checkbox"/> Plant: height	medium to tall	medium to tall
<input type="checkbox"/> *Plant: frequency of flowers	low to medium	medium to high
<input type="checkbox"/> Inflorescence: size	medium	medium
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	medium	medium
<input type="checkbox"/> Flower corolla: size	medium to large	medium
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on	weak	medium

inner side		
<input type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	absent or low	absent or low
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	medium	medium
<input type="checkbox"/> *Plant: time of maturity	early to medium	early to medium
<input type="checkbox"/> *Tuber: shape	long-oval	long-oval
<input type="checkbox"/> Tuber: depth of eyes	shallow to medium	shallow to medium
<input type="checkbox"/> *Tuber: colour of skin	red	red
<input checked="" type="checkbox"/> *Tuber: colour of base of eye	red	yellow
<input type="checkbox"/> *Tuber: colour of flesh	cream	-

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'Dinky'	'Desiree'
<input checked="" type="checkbox"/> Stem: thickness	medium	thick
<input checked="" type="checkbox"/> Tuber: skin smoothness	rough	smooth
<input type="checkbox"/> stem: wings	large	large

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2010	Applied	'Dinky'
Chile	2012	Granted	'Dinky'
European Union	2007	Granted	'Dinky'
Japan	2011	Granted	'Dinky'
The Netherlands	2004	Granted	'Dinky'
New Zealand	2008	Granted	'Dinky'
South Africa	2008	Applied	'Dinky'
Uruguay	2010	Applied	'Dinky'
UK	2011	Applied	'Dinky'
USA	2011	Granted	'Dinky'

First sold in Italy in Feb 2007.

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

Details of Application

Application Number	2012/020
Variety Name	'Concordia'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Accepted Date	20 April 2012
Applicant	EUROPLANT Pflanzenzucht GmbH, Germany
Agent	Dowling AgriTech, Mt Gambier East, SA.
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie SA
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6
Period	October 2013 to April 2014
Conditions	Plantlets ex-quarantine raised from tissue cultures and 60 plants per candidate and comparator varieties were planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Unreplicated block with candidate and comparator next to each other.
Measurements	Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data. Tubers were recorded on 19 January 2014. Light sprout data recorded and photographed in April 2014.

Origin and Breeding

Controlled pollination: 'B1019/2/95' x 'Jelly'. After crossing in 2000 to produce true seed the subsequent multiplications were clonal and a single breeding line was selected following 7 seasons of field trial at D Bohlendorf, Germany. 'Concordia' was selected for disease resistance (high resistance to Potato Virus Y (PVY), resistance to nematodes (PCN, Ro1 and Ro 4), high yield, consistent performance and tuber appearance and consumer qualities. The variety has been stable since commercial release. Original breeder Böhm-Nordkartoffel Agraproduktion OHG, Germany.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	white
Tuber	shape	oval
Tuber	skin colour	yellow
Tuber	flesh colour	yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jelly'	pollen 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
'Finka'	Leaf	openness	intermediate to open	intermediate	
'Finka'	Leaflet:	depth of veins	shallow	medium	
'Finka'	Light-sprout	shape	ovoid	conical	
'Chellah'	Plant	Growth habit	spreading	upright	

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	'Concordia'	'Jelly'
<input type="checkbox"/> Lightsprout: size	medium	medium
<input checked="" type="checkbox"/> *Lightsprout: shape	ovoid	spherical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	strong	weak to medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	small
<input type="checkbox"/> Lightsprout: habit of tip	closed to intermediate	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	medium
<input type="checkbox"/> Lightsprout: pubescence of tip	weak to medium	weak to medium
<input type="checkbox"/> *Lightsprout: number of root tips	medium to many	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	spreading	semi-upright to spreading
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	weak to medium
<input type="checkbox"/> Leaf: outline size	medium to large	medium
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	strong	medium to strong
<input checked="" type="checkbox"/> Leaf: green colour	light	medium to dark
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	narrow to medium	narrow

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Concordia'	'Jelly'
<input type="checkbox"/> Stem: thickness	medium	medium
<input checked="" type="checkbox"/> Tuber: skin smoothness	smooth	medium
<input checked="" type="checkbox"/> Stem: wings	small	large

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2012	Applied	'Concordia'
USA	2012	Applied	'Concordia'
European Union	2008	Granted	'Concordia'
Germany	2005	Granted	'Concordia'

First sold in Germany in March 2009.

Description: **John Fennell**, Little Hampton, SA.

Details of Application

Application Number	2012/021
Variety Name	'Osira'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	
Accepted Date	20 April 2012
Applicant	EUROPLANT Pflanzenzucht GmbH, Germany
Agent	Dowling AgriTech, Mt Gambier East, SA.
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie SA
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6
Period	October 2013 to April 2014
Conditions	Plantlets ex-quarantine raised from tissue cultures and 60 plants per candidate and comparator varieties were planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Unreplicated block with candidate and comparator next to each other.
Measurements	Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data. Tubers were recorded on 19 January 2014. Light sprout data recorded and photographed in April 2014.

Origin and Breeding

Controlled pollination: 'Niska' x 'P97/27'. After crossing in 2001 to produce true seed the subsequent multiplications were clonal and a single breeding line was selected following 6 seasons of field trial at D-29574 Ebstorf, Germany. 'Osira' was selected for disease resistance (resistance to Potato wart (race 1), resistance to nematodes (PCN, Ro1, +Ro 4), high yield, consistent performance and tuber appearance and consumer qualities. The seed parent has white flowers and oval to oblong shaped tubers. The variety has been stable since commercial release. Breeder: Böhm-Nordkartoffel Agraproduktion OHG, Germany.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	pink
Tuber	shape	short-oval to round
Tuber	skin colour	yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jelly'	pollen parent

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in State of Expression in Comments		
			Candidate Variety	Comparator Variety	
‘Premier’	Flower corolla	colour	violet	white	
‘Premier’	Flower	frequency	high	rare	
‘White Delight’	Light sprout	anthocyanin colouration of base	medium to strong	absent or low	
‘White Delight’	Leaf	silhouette	closed	open	
‘White Delight’	Leaflet	depth of veins	deep	shallow	

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	‘Osira’	‘Valor’
<input type="checkbox"/> Lightsprout: size	medium to large	medium to large
<input type="checkbox"/> *Lightsprout: shape	spherical	conical
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium to strong	strong
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	weak	medium to strong
<input type="checkbox"/> Lightsprout: size of tip in relation to base	medium	medium to large
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	intermediate to open
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	absent or very weak
<input type="checkbox"/> Lightsprout: pubescence of tip	medium	absent or very weak
<input type="checkbox"/> *Lightsprout: number of root tips	few	medium
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	short to medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	very weak to weak	absent or very weak
<input type="checkbox"/> Leaf: outline size	medium	medium
<input checked="" type="checkbox"/> Leaf: openness	closed	intermediate

		to open
<input type="checkbox"/> Leaf: presence of secondary leaflets	strong	medium to strong
<input checked="" type="checkbox"/> Leaf: green colour	light	medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	very weak to weak	absent or very weak
<input checked="" type="checkbox"/> Second pair of lateral leaflets: size	large	small to medium
<input type="checkbox"/> Second pair of lateral leaflets: width in relation to length	medium	narrow to medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low
<input checked="" type="checkbox"/> Leaflet: waviness of margin	absent or very weak	medium
<input type="checkbox"/> Leaflet: depth of veins	deep	medium to deep
<input checked="" type="checkbox"/> Leaflet: glossiness of the upper side	medium to glossy	dull
<input type="checkbox"/> Flower bud: anthocyanin colouration	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: height	medium	medium to tall
<input type="checkbox"/> *Plant: frequency of flowers	high	high
<input type="checkbox"/> Inflorescence: size	medium	large
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	absent or very weak	weak to medium
<input type="checkbox"/> Flower corolla: size	small to medium	large
<input type="checkbox"/> *Flower corolla: intensity of anthocyanin colouration on inner side	weak to medium	medium
<input checked="" type="checkbox"/> *Flower corolla: proportion of blue in anthocyanin colouration on inner side	medium	absent or low
<input type="checkbox"/> *Flower corolla: extent of anthocyanin colouration on inner side	small to medium	medium
<input type="checkbox"/> *Plant: time of maturity	very early	late
<input type="checkbox"/> *Tuber: shape	round	short-oval
<input checked="" type="checkbox"/> Tuber: depth of eyes	medium to deep	shallow
<input checked="" type="checkbox"/> *Tuber: colour of skin	light beige	yellow
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow
<input checked="" type="checkbox"/> *Tuber: colour of flesh	light yellow	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Osira'	'Valor'
<input type="checkbox"/> Stem: thickness	thin	thick

<input checked="" type="checkbox"/> Tuber: skin smoothness	rough	medium
<input checked="" type="checkbox"/> Stem: wings	absent	small
<input checked="" type="checkbox"/> Tuber: eyebrows	prominent	none

Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2009	Granted	'Osira'

First sold in Germany in March 2010.

Description: **John Fennell**, Little Hampton, SA.

Details of Application

Application Number	2012/107
Variety Name	'Barcelona'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Accepted Date	22 August 2012
Applicant	The Potato Company BV, The Netherlands
Agent	Southern Packers, Pemberton, WA.
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie SA
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6
Period	October 2013 to April 2014
Conditions	Plantlets ex-quarantine raised from tissue cultures and 60 plants per candidate and comparator varieties were planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse
Trial Design	Unreplicated block with candidate and comparator next to each other.
Measurements	Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data. Tubers were recorded on 19 January 2014. Light sprout data recorded and photographed in April 2014.

Origin and Breeding

Controlled pollination: 'Mondial' x 'Felsina'. After crossing in 2001 to produce true seed the subsequent multiplications were clonal and a single breeding line was selected following 11 seasons of field trial at Emmeloord, The Netherlands. 'Barcelona' was selected for yield, tuber quality, cooking quality, disease resistance and medium to late maturity. The variety has been stable since commercial release in 2011. The seed parent produces flowers in high frequency and pollen parent in low frequency. Breeder: H Kannegieter, 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
Light sprout	shape	ovoid
Flower	colour	white
Tuber	shape	long oval to long
Tuber	skin colour	yellow
Tuber	flesh colour	light yellow

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Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
'Spunta'					
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Mondial'	Flower	frequency	medium	high	
'Felsina'	Flower	frequency	medium	low	
'King Edward'	Flower	frequency	medium	very low	
'Christa'	Plant	maturity	medium to late	very early	

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

Organ/Plant Part: Context	'Barcelona'	'Spunta'
<input checked="" type="checkbox"/> Lightsprout: size	medium	large
<input type="checkbox"/> *Lightsprout: shape	ovoid	ovoid
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	weak to medium	strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	high
<input type="checkbox"/> *Lightsprout: pubescence of base	medium	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	intermediate
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	strong
<input type="checkbox"/> Lightsprout: pubescence of tip	weak to medium	medium
<input checked="" type="checkbox"/> *Lightsprout: number of root tips	few	many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	medium	medium to strong
<input type="checkbox"/> Leaf: outline size	large	large
<input checked="" type="checkbox"/> Leaf: openness	closed	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	medium
<input type="checkbox"/> Leaf: green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium to	medium

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Barcelona'	'Spunta'
<input type="checkbox"/> Stem:thickness	thick	medium
<input checked="" type="checkbox"/> Stem:wings	medium	small
<input type="checkbox"/> Tuber: skin smoothness	medium	medium
<input checked="" type="checkbox"/> Tuber:eyebrows	none	prominent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2012	Granted	'Barcelona'
Netherlands	2008	Granted	'Barcelona'

First sold in Greece in December 2011.

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

Details of Application

Application Number	2012/108
Variety Name	'Monte Carlo'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Accepted Date	09 August 2012
Applicant	The Potato Company BV, The Netherlands
Agent	Southern Packers, Pemberton, WA.
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie SA
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6
Period	October 2013 to April 2014
Conditions	Plantlets ex-quarantine raised from tissue cultures and 60 plants per candidate and comparator varieties were planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse.
Trial Design	Unreplicated block with candidate and comparator next to each other.
Measurements	Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data. Tubers were recorded on 19 January 2014. Light sprout data recorded and photographed in April 2014.

Origin and Breeding

Controlled pollination: 'MUL 91-13' x 'BRU 93-136'. After crossing in 2000 to produce true seed the subsequent multiplications were clonal and a single breeding line was selected following 10 seasons of field trial at Dronten, The Netherlands. 'Monte Carlo' was selected for yield, tuber quality, cooking quality, disease resistance and early to very early maturity. The variety has been stable since commercial release in 2011. The seed parent produces flowers in high frequency and pollen parent in low frequency. Original breeder: MTS. Aardappelkweekbedrijf Boerhave BV, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	pink
Tuber	shape	oval to long oval
Tuber	skin colour	red
Tuber	Flesh colour	cream to light yellow

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 State of Expression in Comments	
			Candidate Variety	Comparator Variety
'Romano'	Flower	frequency	high	low

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

Organ/Plant Part: Context	'Monte Carlo'	'Desiree'
<input type="checkbox"/> Lightsprout: size	large	large
<input checked="" type="checkbox"/> *Lightsprout: shape	spherical	narrow cylindrical
<input checked="" type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	strong	medium
<input type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	absent or low
<input checked="" type="checkbox"/> *Lightsprout: pubescence of base	strong	medium
<input checked="" type="checkbox"/> Lightsprout: size of tip in relation to base	large	small
<input checked="" type="checkbox"/> Lightsprout: habit of tip	intermediate	closed
<input type="checkbox"/> Lightsprout: anthocyanin colouration of tip	weak	very weak to weak
<input type="checkbox"/> Lightsprout: pubescence of tip	strong	very weak to weak
<input type="checkbox"/> *Lightsprout: number of root tips	medium	many
<input type="checkbox"/> Lightsprout: length of lateral shoots	short	medium
<input checked="" type="checkbox"/> Plant: foliage structure	leaf type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	strong	medium
<input type="checkbox"/> Leaf: outline size	medium to large	small to medium
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium
<input type="checkbox"/> Leaf: green colour	dark	medium to dark
<input checked="" type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	strong	weak
<input type="checkbox"/> Second pair of lateral leaflets: size	medium	medium
<input checked="" type="checkbox"/> Second pair of lateral leaflets: width in relation to length	broad	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency	low	low

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Monte Carlo'	'Desiree'
<input type="checkbox"/> Stem: thickness	thick	thick
<input checked="" type="checkbox"/> Stem: wings	small	large
<input checked="" type="checkbox"/> Tuber: skin smoothness	rough	smooth

Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2010	Granted	'Monte Carlo'
The Netherlands	2010	Granted	'Monte Carlo'
Great Britain			

First sold in The Netherlands in March 2010.

Description: **John Fennell**, Little Hampton, SA.

Details of Application

Application Number	2012/109
Variety Name	'Montreal'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Accepted Date	22 August 2012
Applicant	The Potato Company BV, The Netherlands
Agent	Southern Packers, Pemberton, WA.
Qualified Person	John Fennell

Details of Comparative Trial

Location	Waikerie SA
Descriptor	Potato (<i>Solanum tuberosum</i>) UPOV TG/23/6
Period	October 2013 to April 2014
Conditions	Plantlets ex-quarantine raised from tissue cultures and 60 plants per candidate and comparator varieties were planted into potting mix in 200mm diameter plastic pots on 30 October 2013. Pots placed on benches in a screened polythene clad greenhouse.
Trial Design	Unreplicated block with candidate and comparator next to each other.
Measurements	Observations were taken of foliage characteristics on 21 November 2013. Plants did not flower and flower characteristics have been compared using published data. Tubers were recorded on 19 January 2014. Light sprout data recorded and photographed in April 2014.

Origin and Breeding

Controlled pollination: 'Amalia' x 'Amora'. After crossing in 1996 to produce true seed the subsequent multiplications were clonal and a single breeding line was selected following 13 seasons of field trial at Biddinghuizen, The Netherlands. 'Montreal' was selected for yield, tuber quality, disease resistance and maturity time. The variety has been stable since commercial release in 2012. The seed parent is of medium maturity and the pollen parent produces flowers at high frequency. Original breeder: MTS. Aardappelweekbedrijf Boerhave BV, The Netherlands.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	white
Tuber	skin colour	yellow
Tuber	flesh colour	light yellow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Spunta'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Amalia’	Plant	maturity	early	medium	Seed parent
‘Amora’	Flower	frequency	low	high	pollen parent
‘Agria’	Flower	frequency	low	high	
‘Aula’	Plant	maturity	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	‘Montreal’	‘Spunta’
<input type="checkbox"/> Lightsprout: size	large	large
<input checked="" type="checkbox"/> *Lightsprout: shape	broad cylindrical	ovoid
<input type="checkbox"/> *Lightsprout: intensity of anthocyanin colouration	medium	strong
<input checked="" type="checkbox"/> *Lightsprout: proportion of blue in anthocyanin colouration of base	absent or low	high
<input type="checkbox"/> *Lightsprout: pubescence of base	medium	medium
<input type="checkbox"/> Lightsprout: size of tip in relation to base	small to medium	medium
<input type="checkbox"/> Lightsprout: habit of tip	intermediate	intermediate
<input checked="" type="checkbox"/> Lightsprout: anthocyanin colouration of tip	medium	strong
<input type="checkbox"/> Lightsprout: pubescence of tip	medium	medium
<input type="checkbox"/> *Lightsprout: number of root tips	many	many
<input type="checkbox"/> Lightsprout: length of lateral shoots	medium	medium
<input type="checkbox"/> Plant: foliage structure	leaf type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright to spreading	semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	medium to strong
<input type="checkbox"/> Leaf: outline size	large	large
<input type="checkbox"/> Leaf: openness	intermediate to open	open
<input type="checkbox"/> Leaf: presence of secondary leaflets	medium	medium
<input type="checkbox"/> Leaf: green colour	medium	light to medium
<input type="checkbox"/> Leaf: anthocyanin colouration on midrib of upper side	absent or very weak	absent or very weak

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Montreal'	'Spunta'
<input type="checkbox"/> Stem: thickness	medium	medium
<input checked="" type="checkbox"/> Stem: wings	absent	small
<input checked="" type="checkbox"/> Tuber: skin smoothness	smooth	medium
<input checked="" type="checkbox"/> Tuber: eyebrows	none	prominent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
European Union	2012	Granted	'Montreal'
The Netherlands	2010	Granted	'Montreal'
Great Britain			

First sold in The Netherlands in March 2012.

Description: **John Fennell**, Little Hampton, SA.

Details of Application

Application Number	2013/051
Variety Name	'OrangeGlow'
Genus Species	<i>Cucurbita moschata</i>
Common Name	Pumpkin
Synonym	Nil
Accepted Date	26 Jul 2013
Applicant	Shaun Jackson, Manly, QLD.
Agent	Griffith Hack, Melbourne, VIC.
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Ayr, QLD
Descriptor	Pumpkin (Butternut), <i>Cucurbita moschata</i> TG/234/1
Period	April - August 2013
Conditions	Standard field production conditions with trial incorporated within a production block.
Trial Design	Thirty plants of each variety arranged in a completely randomised complete block design, 3 rows, 10 plants per replicate.
Measurements	From 5 plants per replicate.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: seed parent '*C. moschata*' x pollen parent '*C. moschata*'(selfed)
 The seed and pollen parent is characterised by an absence of leaf variegation and a green stem colour. Selection criteria: non elongated fruit; intensity of fruit colour without greening; leaf variegation, yellow calyx colour, yellow stem colour.
 Propagation: seed produced by hand pollinated selfing are found to be uniform and stable. Breeder: Shaun Jackson, Manly, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	length	short
Fruit	diameter	medium
Fruit	shape in longitudinal section	transverse medium elliptic
Fruit	presence of neck	absent
Fruit	profile at stem end	slightly depressed
Fruit	grooves	present
Fruit	depth of grooves	shallow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kent'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Sunglow'	fruit	colour of skin flesh interface	orange to red	green to white	Fruit: colour of flesh is mottled orange whereas candidate is bright orange
'Butternut'	fruit	colour of flesh	yellow orange	bright orange	

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

Organ/Plant Part: Context	'OrangeGlow'	'Kent'
<input checked="" type="checkbox"/> Plant: length of main stem	short	medium
<input type="checkbox"/> Leaf blade: size	medium	medium
<input type="checkbox"/> Leaf blade: margin	weakly incised	weakly incised
<input type="checkbox"/> Leaf blade: intensity of green colour of upper side	medium	medium
<input type="checkbox"/> Leaf blade: silver patches	absent	absent
<input type="checkbox"/> Petiole: length	medium	medium
<input type="checkbox"/> Petiole: diameter	medium	medium
<input type="checkbox"/> Peduncle: length	short	short
<input type="checkbox"/> Peduncle: diameter	medium	medium
<input checked="" type="checkbox"/> Fruit: intensity of green colour of skin	very light	medium
<input type="checkbox"/> Fruit: length	short	short
<input type="checkbox"/> Fruit: diameter	medium	medium
<input type="checkbox"/> Fruit: ratio length/diameter	small	small
<input type="checkbox"/> Fruit: position of broadest part	at middle	at middle
<input type="checkbox"/> Fruit: shape in longitudinal section	transverse medium elliptic	transverse medium elliptic
<input type="checkbox"/> Fruit: presence of neck	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: curving (longitudinal axis)	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: profile at stem end	slightly depressed	slightly depressed
<input type="checkbox"/> Fruit: profile at blossom end	depressed	flat
<input type="checkbox"/> Fruit: grooves	present	present
<input type="checkbox"/> Fruit: distance between grooves	medium	medium
<input type="checkbox"/> Fruit: depth of grooves	shallow	shallow
<input checked="" type="checkbox"/> Fruit: marbling	medium	strong
<input checked="" type="checkbox"/> Fruit: main colour of skin	yellow	green
<input checked="" type="checkbox"/> Fruit: intensity of main colour of skin	dark	medium
<input type="checkbox"/> Fruit: waxiness of skin	present	present

<input type="checkbox"/> Fruit: warts	absent	absent
<input checked="" type="checkbox"/> Fruit: main colour of flesh	orange	yellowish orange
<input type="checkbox"/> Fruit: thickness of flesh (at level of seed cavity)	medium	medium
<input checked="" type="checkbox"/> Fruit: diameter of flower scar	medium	small
<input checked="" type="checkbox"/> Seed: length	medium	short
<input type="checkbox"/> Seed: colour of coat	cream	cream

Characteristics Additional to the Descriptor/TG		
Organ/Plant Part: Context	'OrangeGlow'	'Kent'
<input checked="" type="checkbox"/> Leaf: presence of variegation	present	absent
<input type="checkbox"/> Fruit: glaucosity of skin	present	present

Statistical Table

Organ/Plant Part: Context	'OrangeGlow'	'Kent'
<input type="checkbox"/> Fruit: length (cm)		
Mean	13.00	12.70
Std. Deviation	0.78	0.67
LSD/sig	0.85	ns
<input type="checkbox"/> Fruit: diameter (cm)		
Mean	21.80	22.40
Std. Deviation	1.35	1.23
LSD/sig	1.62	ns

Prior Applications and Sales

Nil

Description: **Ian Paananen**, Crop and Nursery Services, Macmasters Beach, NSW.

Details of Application	
Application Number	2014/061
Variety Name	'PP. 1026'
Genus Species	<i>Cucurbita moschata</i>
Common Name	Pumpkin
Synonym	Nil
Accepted Date	8 Apr 2014
Applicant	Enza Zaden Beheer B.V., Enkhuizen, The Netherlands
Agent	Fisher Adams Kelly, Brisbane, QLD
Qualified Person	Don Loch
Details of Comparative Trial	
Location	218 Eumungerie Road, Narromine, NSW 2821 (Latitude 32°13'S, Longitude 148°15'E, Elevation 240 masl)
Descriptor	UPOV TG/234 (<i>Cucurbita moschata</i>)
Period	21 Nov 2013 to 15 Apr 2014
Conditions	Seed sown on 21 Nov 2013 in 198-cell seed raising flats containing a peat-vermiculite based seed raising medium; seedlings hand transplanted into the field in trial order on 10 Dec 2013; blended fertiliser (N:P:K:S = 9.6:14.5:9.5:4.6) applied pre-plant to the alluvial soil at 350 kg/ha to give 33.6 kg N, 50.75 kg P, 33.25 kg K, and 16.1 kg S per hectare; pre-emergence herbicide applied - Dual Gold (96% metolachlor) @ 2 L/ha + Frontier P (72% dimethenamid) @ 500 ml/ha; field beds covered with standard white horticultural plastic mulch; seedlings hand-watered once after transplanting, then supplementary trickle irrigation applied daily by T-tape as required to maintain unstressed growth. Young plants fertigated with calcium nitrate @ 25 kg/ha + Kelpak @ 2.5 L/ha + Quantum-H™ (liquid soluble humus formulation from Agri-Plus) @ 1 L/ha + Gro Cal® MGB @ 1.5 L/ha via the T-tape on 2 Jan and again on 7 Jan 2014. Seed for cotyledon measurements also sown into 198-cell seed raising flats containing a peat-vermiculite seed raising medium on 1 Apr 2014; trial conducted in a plastic-roofed seed raising tunnel at the Enza Zaden Research Station near Narromine, NSW.
Trial Design	Field trial consisted of 32 spaced plants of each of 5 cultivars 'Jacqueline', 'Sunset QHI', 'Butternut Large', 'PP.1026', 'PP.1038' plus a second generation each of 'PP.1026' and 'PP.1038' (making a total of 7 cultivar treatments) arranged in 4 randomised blocks across two raised beds 1.5 m apart and with 0.9 m between plants within each bed with 8 plants (i.e. 4 plants X 2 beds) per plot. The trial for cotyledon measurements consisted of 20 seedlings of each of 4 cultivars 'Jacqueline', 'Sunset QHI', 'Butternut Large', 'PP.1026' plus a second generation of 'PP.1026' (making a total of 5 cultivar treatments) in a randomised block design with 4 replications.
Measurements	Leaf measurements taken at early flowering on 23-24 and 28 Jan 2014. Fruit measurements and colours recorded on 27-28 Mar 2014. Cotyledon measurements made on 15 Apr 2014.
RHS Chart - edition	2007 edition

Origin and Breeding					
The inbred line 'PP.1026' is the result of 2 generations of cross-breeding followed by selection over 6 generations of inbreeding for powdery mildew resistance (PMR), medium fruit size, blocky shape and good internal fruit quality. The initial cross was made in Australia in 2003/04. F1 progeny were crossed in France. This was followed by 6 generations of inbreeding and selection within the population in Australia and France between 2004/05 and 2007/08 to create the inbred variety 'PP.1026'. Foundation seed of 'PP.1026' was produced and is maintained by Enza Zaden's seed production department. Breeder: Dr Stephen Kammholz (Narromine, NSW).					
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge					
Organ/Plant Part	Context		State of Expression in Group of Varieties		
Pumpkin	type		butternut		
Fruit	shape		blocky		
Fruit	size		medium (1.5 - 2.0 kg)		
Most Similar Varieties of Common Knowledge identified (VCK)					
Name			Comments		
'Jacqueline'					
'PP.1038'					
'Sunset QHI'			Widely grown open-pollinated variety bred by Dr Mark Herrington (PBR application no. 2000/021, certificate no. 2091)		
'Butternut Large'			Widely grown open-pollinated 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
'Matilda'	Fruit	size	medium	larger	Large-fruited hybrid processing variety
'Tiana'	Fruit	size	medium	smaller	Hybrid variety with 1.0-1.2 kg fruit
'Waltham'	Fruit	shape	blocky	pear	Open-pollinated variety with fruit tapered to the stem end
'Desert Gold'	Fruit	shape	blocky	pear	Hybrid Waltham type
'Gobi'	Fruit	shape	blocky	pear	Hybrid Waltham type

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

Organ/Plant Part: Context	'PP.1026'	'Jacqueline'	'Butternut Large'	'PP.1038'	'Sunset QHI'
<input type="checkbox"/> Cotyledon: ratio width/length	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: length of main stem	long	long	long	long	long
<input checked="" type="checkbox"/> Leaf blade: size	large	large	small	small	small
<input checked="" type="checkbox"/> Leaf blade: margin	moderately or strongly incised	weakly incised	entire or very weakly incised	entire or very weakly incised	entire or very weakly incised
<input type="checkbox"/> Leaf blade: intensity of green colour of upper side	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Leaf blade: silver patches	present	present	present	present	absent
<input checked="" type="checkbox"/> Petiole: length	long	long	short	short	short
<input checked="" type="checkbox"/> Petiole: diameter	large	large	large	small	medium
<input checked="" type="checkbox"/> Female flower: length of sepal	short	medium	short	medium	medium
<input type="checkbox"/> Male flower: length of sepal	long	long	long	long	long
<input checked="" type="checkbox"/> Peduncle: length	medium	long	medium	long	short
<input checked="" type="checkbox"/> Peduncle: diameter	large	medium	large	small	medium
<input type="checkbox"/> Fruit: intensity of green colour of skin	light	light	light	light	light
<input type="checkbox"/> Fruit: length	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Fruit: diameter	medium	medium	large	small	medium
<input checked="" type="checkbox"/> Fruit: ratio length/diameter	medium	large	small	large	large
<input type="checkbox"/> Fruit: position of broadest part	toward blossom end	toward blossom end	toward blossom end	toward blossom end	toward blossom end
<input type="checkbox"/> Fruit: shape in longitudinal section	quadrangular	quadrangular	quadrangular	quadrangular	quadrangular
<input type="checkbox"/> Fruit: presence of neck	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: curving (longitudinal axis)	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Fruit: profile at stem end	slightly depressed	slightly depressed	flat	slightly depressed	slightly depressed
<input type="checkbox"/> Fruit: profile at	depressed	depressed	depressed	depressed	depressed

blossom end					
<input type="checkbox"/> Fruit: grooves	present	present	present	present	present
<input type="checkbox"/> Fruit: distance between grooves	small	small	small	small	small
<input type="checkbox"/> Fruit: depth of grooves	very shallow	very shallow	very shallow	very shallow	very shallow
<input type="checkbox"/> Fruit: marbling	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: main colour of skin	yellow-orange	yellow-orange	yellow-orange	yellow-orange	yellow-orange
<input type="checkbox"/> Fruit: intensity of main colour of skin	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit: waxiness of skin	absent	absent	absent	absent	absent
<input type="checkbox"/> Fruit: warts	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Fruit: main colour of flesh	yellowish orange	orange	yellowish orange	yellowish orange	orange
<input checked="" type="checkbox"/> Fruit: thickness of flesh (at level of seed cavity)	thick	medium	medium	thin	thick
<input type="checkbox"/> Fruit: diameter of flower scar	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Seed: length	short	medium	medium	medium	short
<input type="checkbox"/> Seed: ratio width/length	large	large	large	large	large
<input type="checkbox"/> Seed: colour of coat	cream	cream	cream	cream	cream
Characteristics Additional to the Descriptor/TG					
Organ/Plant Part: Context	‘PP.1026’	‘Jacqueline’	‘Butternut Large’	‘PP.1038’	‘Sunset QHI’
<input checked="" type="checkbox"/> Leaf blade: colour of underside (RHS)	143A	137C	143A	143A	143C
<input type="checkbox"/> Fruit: immature colours (extremes) (RHS)	145B/145D	145A/145D	145A/145C	145A/145C	145A/145C
<input checked="" type="checkbox"/> Plant: maturity (days to first female flower)	late	medium	medium	medium	late
<input checked="" type="checkbox"/> Fruit: colour of flesh (RHS)	23A	25C-D	23A	23A	N25C-D
Statistical Table					
Organ/Plant Part: Context	‘PP.1026’	‘Jacqueline’	‘Butternut Large’	‘PP.1038’	‘Sunset QHI’
<input type="checkbox"/> Peduncle: length (mm)					
Mean	48.33	53.17	42.58	50.00	37.67
Std. Deviation	9.63	7.94	10.11	8.89	7.19
LSD /sig	11.50	ns	ns	ns	ns

<input type="checkbox"/> Peduncle: diameter (mm)					
Mean	11.40	10.22	12.39	9.52	10.26
Std. Deviation	0.95	1.09	1.47	1.39	1.13
LSD /sig	1.31	ns	ns	ns	ns
<input type="checkbox"/> Peduncle: length: diameter ratio					
Mean	4.26	5.21	3.51	5.44	3.74
Std. Deviation	0.86	0.65	1.10	1.68	0.94
LSD /sig	1.41	ns	ns	ns	ns
<input type="checkbox"/> Fruit: length (mm)					
Mean	175.92	188.75	168.83	176.58	189.75
Std. Deviation	19.22	22.16	12.84	17.92	30.96
LSD /sig	25.90	ns	ns	ns	ns
<input checked="" type="checkbox"/> Fruit: maximum diameter (mm)					
Mean	108.82	108.66	124.33	92.25	111.66
Std. Deviation	6.59	4.89	13.84	6.79	8.29
LSD /sig	11.94	ns	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Fruit: length: diameter ratio					
Mean	1.62	1.74	1.37	1.92	1.70
Std. Deviation	0.13	0.19	0.20	0.22	0.26
LSD /sig	0.315	ns	ns	ns	ns
<input checked="" type="checkbox"/> Fruit: thickness of cavity wall (mm)					
Mean	21.25	18.38	19.35	15.24	21.12
Std. Deviation	1.84	2.12	2.16	2.41	2.79
LSD /sig	2.54	P≤0.01	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Seed: length (mm)					
Mean	11.56	13.61	14.35	15.09	11.36
Std. Deviation	0.64	0.83	1.69	1.00	1.02
LSD /sig	1.61	P≤0.01	P≤0.01	P≤0.01	ns
<input type="checkbox"/> Seed: width (mm)					
Mean	7.64	8.10	7.79	8.31	7.33
Std. Deviation	0.51	0.58	1.10	0.79	0.82
LSD /sig	1.03	ns	ns	ns	ns
<input checked="" type="checkbox"/> Seed: length: width ratio					
Mean	1.52	1.69	1.85	1.83	1.56
Std. Deviation	0.12	0.09	0.18	0.16	0.15
LSD /sig	0.18	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Cotyledon: length (mm)					
Mean	42.24	33.67	45.23	-	38.76
Std. Deviation	1.92	2.59	4.61	-	3.27
LSD /sig	3.11	P≤0.01	P≤0.01	-	P≤0.01
<input checked="" type="checkbox"/> Cotyledon: width (mm)					
Mean	27.47	22.09	27.91	-	25.55
Std. Deviation	1.74	1.41	1.80	-	2.49

LSD /sig	2.23	P≤0.01	ns	-	ns
<input type="checkbox"/> Cotyledon: width: length ratio					
Mean	0.65	0.66	0.62	-	0.66
Std. Deviation	0.04	0.04	0.05	-	0.04
LSD /sig	0.051	ns	ns	-	ns
<input checked="" type="checkbox"/> Leaf blade: overall length (mm)					
Mean	173.03	169.97	157.34	139.97	148.45
Std. Deviation	18.43	20.91	14.20	12.50	16.34
LSD /sig	13.15	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)					
Mean	249.65	242.31	228.59	204.48	228.16
Std. Deviation	21.40	28.94	18.27	13.11	21.40
LSD/sig	20.35	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: length to incision (mm)					
Mean	80.39	104.66	123.48	110.48	117.00
Std. Deviation	9.16	11.74	10.09	10.00	12.40
LSD /sig	7.03	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Leaf blade: overall length: width ratio					
Mean	0.69	0.70	0.69	0.69	0.65
Std. Deviation	0.06	0.06	0.05	0.06	0.04
LSD /sig	0.04	ns	ns	ns	ns
<input checked="" type="checkbox"/> Leaf blade: length to incision: overall length ratio					
Mean	0.47	0.62	0.79	0.79	0.79
Std. Deviation	0.05	0.06	0.04	0.07	0.06
LSD /sig	0.04	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Petiole: length (mm)					
Mean	217.90	207.62	183.31	184.90	176.52
Std. Deviation	35.69	34.43	29.92	34.21	27.64
LSD /sig	24.46	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Petiole: mean diameter (mm)					
Mean	8.19	8.12	8.01	7.23	7.64
Std. Deviation	0.65	0.91	0.70	0.50	0.66
LSD/sig	0.57	ns	ns	P≤0.01	ns
<input type="checkbox"/> Petiole: length: diameter ratio					
Mean	26.72	25.69	23.02	25.74	23.14
Std. Deviation	4.64	4.05	3.99	5.45	3.42
LSD /sig	4.39	ns	ns	ns	ns

Prior Applications and Sales

Nil.

Description: **Donald S. Loch** (Alexandra Hills, QLD) and **Stephen Kammholz** (Narromine, NSW).

Details of Application	
Application Number	2013/075
Variety Name	'Jacqueline'
Genus Species	<i>Cucurbita moschata</i>
Common Name	Pumpkin
Synonym	Nil
Accepted Date	19 Apr 2013
Applicant	Enza Zaden Beheer B.V., Enkhuizen, The Netherlands
Agent	Fisher Adams Kelly, Brisbane, QLD
Qualified Person	Don Loch
Details of Comparative Trial	
Location	218 Eumungerie Road, Narromine, NSW 2821 (Latitude 32°13'S, Longitude 148°15'E, Elevation 240 masl)
Descriptor	UPOV TG/234 (<i>Cucurbita moschata</i>)
Period	21 Nov 2013 to 15 Apr 2014
Conditions	Seed sown on 21 Nov 2013 in 198-cell seed raising flats containing a peat-vermiculite based seed raising medium; seedlings hand transplanted into the field in trial order on 10 Dec 2013; blended fertiliser (N:P:K:S = 9.6:14.5:9.5:4.6) applied pre-plant to the alluvial soil at 350 kg/ha to give 33.6 kg N, 50.75 kg P, 33.25 kg K, and 16.1 kg S per hectare; pre-emergence herbicide applied - Dual Gold (96% metolachlor) @ 2 L/ha + Frontier P (72% dimethenamid) @ 500 ml/ha; field beds covered with standard white horticultural plastic mulch; seedlings hand-watered once after transplanting, then supplementary trickle irrigation applied daily by T-tape as required to maintain unstressed growth. Young plants fertigated with calcium nitrate @ 25 kg/ha + Kelpak @ 2.5 L/ha + Quantum-H™ (liquid soluble humus formulation from Agri-Plus) @ 1 L/ha + Gro Cal® MGB @ 1.5 L/ha via the T-tape on 2 Jan and again on 7 Jan 2014. Seed for cotyledon measurements also sown into 198-cell seed raising flats containing a peat-vermiculite seed raising medium on 1 Apr 2014; trial conducted in a plastic-roofed seed raising tunnel at the Enza Zaden Research Station near Narromine, NSW.
Trial Design	Field trial consisted of 32 spaced plants of each of 5 cultivars 'Jacqueline', 'Sunset QHI', 'Butternut Large', 'PP.1026', 'PP.1038' plus a second generation each of 'PP.1026' and 'PP.1038' (making a total of 7 cultivar treatments) arranged in 4 randomised blocks across two raised beds 1.5 m apart and with 0.9 m between plants within each bed with 8 plants (i.e. 4 plants X 2 beds) per plot. The trial for cotyledon measurements consisted of 20 seedlings of each of 4 cultivars 'Jacqueline', 'Sunset QHI', 'Butternut Large', 'PP.1026' plus a second generation of 'PP.1026' (making a total of 5 cultivar treatments) in a randomised block design with 4 replications.
Measurements	Leaf measurements taken at early flowering on 23-24 and 28 Jan 2014. Fruit measurements and colours recorded on 27-28 Mar 2014. Cotyledon measurements made on 15 Apr 2014.
RHS Chart - edition	2007 edition

Origin and Breeding					
<p>The hybrid variety 'Jacqueline' was developed in a breeding programme aimed at producing a powdery mildew resistant (PMR) butternut pumpkin bearing 1.5-2.0 kg blocky fruits. 'Jacqueline' is the result of a cross between inbred lines developed by the breeder. Its performance was first observed in a hybrid breeding trial at the Enza Zaden Research Station near Narromine (NSW) during the summer of 2009/10 where it was entered as field number 09AU9681. Based on its outstanding results in this first screening trial, 'Jacqueline' was included in the 2010 screening trial at the Enza Zaden Research Station near Châteaurenard in southern France where it again excelled. 'Jacqueline' was then assigned the breeder's hybrid number E30B.00101. Seed for follow-up trials was produced by Enza Zaden's seed production department, and EB30B.00101 tested in the company's field trials worldwide. Breeder: Dr Stephen Kammholz (Narromine, NSW).</p>					
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	
Pumpkin		type		butternut	
Fruit		shape		blocky	
Fruit		size		medium (1.5 - 2.0 kg)	
Most Similar Varieties of Common Knowledge identified (VCK)					
Name			Comments		
'PP.1026'					
'PP.1038'					
'Sunset QHI'			Widely grown open-pollinated variety bred by Dr Mark Herrington (PBR application no. 2000/021, certificate no. 2091)		
'Butternut Large'			Widely grown open-pollinated 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
'Matilda'	Fruit	size	medium	larger	Large-fruited hybrid processing variety
'Tiana'	Fruit	size	medium	smaller	Hybrid variety with 1.0-1.2 kg fruit
'Waltham'	Fruit	shape	blocky	pear	Open-pollinated variety with fruit tapered to the stem end
'Desert Gold'	Fruit	shape	blocky	pear	Hybrid Waltham type
'Gobi'	Fruit	shape	blocky	pear	Hybrid Waltham type

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

Organ/Plant Part: Context	'Jacqueline'	'Butternut Large'	'PP.1026'	'PP.1038'	'Sunset QHI'
<input type="checkbox"/> Cotyledon: ratio width/length	medium	medium	medium	medium	medium
<input type="checkbox"/> Plant: length of main stem	long	long	long	long	long
<input checked="" type="checkbox"/> Leaf blade: size	large	small	large	small	small
<input checked="" type="checkbox"/> Leaf blade: margin	weakly incised	entire or very weakly incised	moderately or strongly incised	entire or very weakly incised	entire or very weakly incised
<input type="checkbox"/> Leaf blade: intensity of green colour of upper side	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Leaf blade: silver patches	present	present	present	present	absent
<input checked="" type="checkbox"/> Petiole: length	long	short	long	short	short
<input checked="" type="checkbox"/> Petiole: diameter	large	large	large	small	medium
<input checked="" type="checkbox"/> Female flower: length of sepal	medium	short	short	medium	medium
<input type="checkbox"/> Male flower: length of sepal	long	long	long	long	long
<input checked="" type="checkbox"/> Peduncle: length	long	medium	medium	long	short
<input checked="" type="checkbox"/> Peduncle: diameter	medium	large	large	small	medium
<input type="checkbox"/> Fruit: intensity of green colour of skin	light	light	light	light	light
<input type="checkbox"/> Fruit: length	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Fruit: diameter	medium	large	medium	small	medium
<input checked="" type="checkbox"/> Fruit: ratio length/diameter	large	small	medium	large	large
<input type="checkbox"/> Fruit: position of broadest part	toward blossom end	toward blossom end	toward blossom end	toward blossom end	toward blossom end
<input type="checkbox"/> Fruit: shape in longitudinal section	quadrangular	quadrangular	quadrangular	quadrangular	quadrangular
<input type="checkbox"/> Fruit: presence of neck	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: curving (longitudinal axis)	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Fruit: profile at stem end	slightly depressed	flat	slightly depressed	slightly depressed	slightly depressed

<input type="checkbox"/> Fruit: profile at blossom end	depressed	depressed	depressed	depressed	depressed
<input type="checkbox"/> Fruit: grooves	present	present	present	present	present
<input type="checkbox"/> Fruit: distance between grooves	small	small	small	small	small
<input type="checkbox"/> Fruit: depth of grooves	very shallow	very shallow	very shallow	very shallow	very shallow
<input type="checkbox"/> Fruit: marbling	absent or very weak	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: main colour of skin	yellow-orange	yellow-orange	yellow-orange	yellow-orange	yellow-orange
<input type="checkbox"/> Fruit: intensity of main colour of skin	medium	medium	medium	medium	medium
<input type="checkbox"/> Fruit: waxiness of skin	absent	absent	absent	absent	absent
<input type="checkbox"/> Fruit: warts	absent	absent	absent	absent	absent
<input checked="" type="checkbox"/> Fruit: main colour of flesh	orange	yellowish orange	yellowish orange	yellowish orange	orange
<input checked="" type="checkbox"/> Fruit: thickness of flesh (at level of seed cavity)	medium	medium	thick	thin	thick
<input type="checkbox"/> Fruit: diameter of flower scar	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Seed: length	medium	medium	short	medium	short
<input type="checkbox"/> Seed: ratio width/length	large	large	large	large	large
<input type="checkbox"/> Seed: colour of coat	cream	cream	cream	cream	cream
Characteristics Additional to the Descriptor/TG					
Organ/Plant Part: Context	‘Jacqueline’	‘Butternut Large’	‘PP.1026’	‘PP.1038’	‘Sunset QHI’
<input checked="" type="checkbox"/> Leaf blade: colour of underside (RHS)	137C	143A	143A	143A	143C
<input type="checkbox"/> Fruit: immature colours (extremes) (RHS)	145A/145D	145A/145C	145B/145D	145A/145C	145A/145C
<input checked="" type="checkbox"/> Plant: maturity (days to first female flower)	medium	medium	late	medium	late
<input checked="" type="checkbox"/> Fruit: colour of flesh (RHS)	25C-D	23A	23A	23A	N25C-D
Statistical Table					
Organ/Plant Part: Context	‘Jacqueline’	‘Butternut Large’	‘PP.1026’	‘PP.1038’	‘Sunset QHI’
<input checked="" type="checkbox"/> Peduncle: length (mm)					
Mean	53.17	42.58	48.33	50.00	37.67
Std. Deviation	7.94	10.11	9.63	8.89	7.19

LSD /sig	11.50	ns	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Peduncle: diameter (mm)					
Mean	10.22	12.39	11.40	9.52	10.26
Std. Deviation	1.09	1.47	0.95	1.39	1.13
LSD /sig	1.31	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Peduncle: length: diameter ratio					
Mean	5.21	3.51	4.26	5.44	3.74
Std. Deviation	0.65	1.10	0.86	1.68	0.94
LSD /sig	1.41	P≤0.01	ns	ns	P≤0.01
<input type="checkbox"/> Fruit: length (mm)					
Mean	188.75	168.83	175.92	176.58	189.75
Std. Deviation	22.16	12.84	19.22	17.92	30.96
LSD /sig	25.90	ns	ns	ns	ns
<input checked="" type="checkbox"/> Fruit: maximum diameter (mm)					
Mean	108.66	124.33	108.82	92.25	111.66
Std. Deviation	4.89	13.84	6.59	6.79	8.29
LSD /sig	11.94	P≤0.01	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Fruit: length: diameter ratio					
Mean	1.74	1.37	1.62	1.92	1.70
Std. Deviation	0.19	0.20	0.13	0.22	0.26
LSD /sig	0.32	P≤0.01	ns	ns	ns
<input checked="" type="checkbox"/> Fruit: thickness of cavity wall (mm)					
Mean	18.38	19.35	21.25	15.24	21.12
Std. Deviation	2.12	2.16	1.84	2.41	2.79
LSD /sig	2.54	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Seed: length (mm)					
Mean	13.61	14.35	11.56	15.09	11.36
Std. Deviation	0.83	1.69	0.64	1.00	1.02
LSD /sig	1.61	ns	P≤0.01	ns	P≤0.01
<input type="checkbox"/> Seed: width (mm)					
Mean	8.10	7.79	7.64	8.31	7.33
Std. Deviation	0.58	1.10	0.51	0.79	0.82
LSD /sig	1.03	ns	ns	ns	ns
<input type="checkbox"/> Seed: length: width ratio					
Mean	1.69	1.85	1.52	1.83	1.56
Std. Deviation	0.09	0.18	0.12	0.16	0.15
LSD /sig	0.18	ns	ns	ns	ns
<input checked="" type="checkbox"/> Cotyledon: length (mm)					
Mean	33.67	45.23	42.24	-	38.76
Std. Deviation	2.59	4.61	1.92	-	3.27
LSD /sig	3.11	P≤0.01	P≤0.01	-	P≤0.01
<input checked="" type="checkbox"/> Cotyledon: width (mm)					
Mean	22.09	27.91	27.47	-	25.55

Std. Deviation	1.41	1.80	1.74	-	2.49
LSD /sig	2.23	P≤0.01	P≤0.01	-	P≤0.01
<input type="checkbox"/> Cotyledon: width: length ratio					
Mean	0.66	0.62	0.65	-	0.66
Std. Deviation	0.04	0.05	0.04	-	0.04
LSD /sig	0.05	ns	ns	-	ns
<input checked="" type="checkbox"/> Leaf blade: overall length (mm)					
Mean	169.97	157.34	173.03	139.97	148.45
Std. Deviation	20.91	14.20	18.43	12.50	16.34
LSD /sig	13.15	ns	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)					
Mean	242.31	228.59	249.65	204.48	228.16
Std. Deviation	28.94	18.27	21.40	13.11	21.40
LSD/sig	20.35	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf blade: length to incision (mm)					
Mean	104.66	123.48	80.39	110.48	117.00
Std. Deviation	11.74	10.09	9.16	10.00	12.40
LSD /sig	7.03	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: overall length: width ratio					
Mean	0.70	0.69	0.69	0.69	0.65
Std. Deviation	0.06	0.05	0.06	0.06	0.04
LSD /sig	0.04	ns	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: length to incision: overall length ratio					
Mean	0.62	0.79	0.47	0.79	0.79
Std. Deviation	0.06	0.04	0.05	0.07	0.06
LSD /sig	0.04	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Petiole: length (mm)					
Mean	207.62	183.31	217.90	184.90	176.52
Std. Deviation	34.43	29.92	35.69	34.21	27.64
LSD /sig	24.46	ns	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Petiole: mean diameter (mm)					
Mean	8.12	8.01	8.19	7.23	7.64
Std. Deviation	0.91	0.70	0.65	0.50	0.66
LSD/sig	0.57	ns	ns	P≤0.01	ns
<input type="checkbox"/> Petiole: length: diameter ratio					
Mean	25.69	23.02	26.72	25.74	23.14
Std. Deviation	4.05	3.99	4.64	5.45	3.42
LSD /sig	4.39	ns	ns	ns	ns

Prior Applications and Sales

Prior Applications: nil.

First sold in Australia in Mar 2012 under the name 'Jacqueline'.

Description: **Donald S. Loch** (Alexandra Hills, QLD) and **Stephen Kammholz** (Narromine, NSW).

Details of Application	
Application Number	2013/118
Variety Name	'DEB2010'
Genus Species	<i>Cucurbita moschata</i>
Common Name	Pumpkin
Synonym	Nil
Accepted Date	08 Aug 2013
Applicant	Nature's Haven Pty Ltd, Dimbulah, QLD.
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial	
Location	Coleambally, NSW
Descriptor	Pumpkin (Butternut), <i>Cucurbita moschata</i> TG/234/1
Period	December 2013 - March 2014
Conditions	Organic field production conditions with trial incorporated within a production block.
Trial Design	Thirty plants of each variety arranged in a completely randomised complete block design, 3 rows, 10 plants per replicate.
Measurements	From 5 plants per replicate.
RHS Chart - edition	2007

Origin and Breeding

Open pollination: seed parent '*C. moschata*' x pollen parent '*C. moschata*' (selfed). The seed and pollen parent is characterised by a green colour of fruit skin. Selection criteria: Yellow colour of fruit skin. Propagation: seed produced by open pollination are found to be uniform and stable. Breeder: Don Murray, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	length	short
Fruit	diameter	medium
Fruit	shape in longitudinal section	transverse medium elliptic
Fruit	presence of neck	absent
Fruit	grooves	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Kent'	
'Butternut'	
'Sunglow'	
'OrangeGlow'	

Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Butternut’	fruit	shape	quadrangular	transverse medium elliptic	
‘Sunglow’	fruit	colour of skin	green	yellow	
‘OrangeGlow’	fruit	colour of skin	orange	yellow	

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

Organ/Plant Part: Context	‘DEB2010’	‘Kent’
<input type="checkbox"/> Leaf blade: margin	moderately or strongly incised	moderately or strongly incised
<input type="checkbox"/> Leaf blade: intensity of green colour of upper side	medium	medium
<input type="checkbox"/> Leaf blade: silver patches	absent	absent
<input type="checkbox"/> Petiole: length	medium	medium
<input type="checkbox"/> Female flower: length of sepal	medium	medium
<input type="checkbox"/> Male flower: length of sepal	medium	medium
<input checked="" type="checkbox"/> Fruit: intensity of green colour of skin	very light	dark
<input type="checkbox"/> Fruit: length	short	short
<input type="checkbox"/> Fruit: diameter	medium	medium
<input type="checkbox"/> Fruit: ratio length/diameter	small	small
<input type="checkbox"/> Fruit: position of broadest part	at middle	at middle
<input type="checkbox"/> Fruit: shape in longitudinal section	transverse medium elliptic	transverse medium elliptic
<input type="checkbox"/> Fruit: presence of neck	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: curving (longitudinal axis)	absent or very weak	absent or very weak
<input type="checkbox"/> Fruit: profile at stem end	slightly depressed	slightly depressed
<input type="checkbox"/> Fruit: profile at blossom end	flat	flat
<input type="checkbox"/> Fruit: grooves	present	present
<input type="checkbox"/> Fruit: distance between grooves	medium	medium
<input type="checkbox"/> Fruit: depth of grooves	medium	medium
<input checked="" type="checkbox"/> Fruit: marbling	absent or very weak	strong
<input checked="" type="checkbox"/> Fruit: main colour of skin	cream	green
<input checked="" type="checkbox"/> Fruit: intensity of main colour of skin	light	dark
<input type="checkbox"/> Fruit: waxiness of skin	present	present
<input type="checkbox"/> Fruit: warts	absent	absent
<input type="checkbox"/> Fruit: main colour of flesh	yellowish orange	orange
<input type="checkbox"/> Fruit: thickness of flesh (at level of seed cavity)	medium	medium

<input type="checkbox"/> Fruit: diameter of flower scar	medium	medium
<input type="checkbox"/> Seed: length	medium	medium
<input type="checkbox"/> Seed: ratio width/length	medium	medium
<input type="checkbox"/> Seed: colour of coat	cream	cream

Statistical Table

Organ/Plant Part: Context	'DEB2010'	'Kent'
<input type="checkbox"/> Fruit: length (cm)		
Mean	13.20	12.50
Std. Deviation	0.79	0.85
LSD/sig	1.07	ns
<input type="checkbox"/> Fruit: diameter (cm)		
Mean	23.10	23.10
Std. Deviation	1.07	1.59
LSD/sig	1.54	ns

Prior Applications and Sales

Nil

Description: **Ian Paananen**, Crop and Nursery Services, Macmasters Beach, NSW.

Details of Application		
Application Number	2013/018	
Variety Name	'HeatwaveGlow'	
Genus Species	<i>Salvia</i> hybrid	
Common Name	Sage	
Synonym	Nil	
Accepted Date	21 Jun 2013	
Applicant	Plant Growers Australia Pty Ltd., Wonga Park, VIC	
Agent	Plants Management Australia Pty Ltd., Dodges Ferry, TAS	
Qualified Person	Steve Eggleton	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	Salvia	
Period	Nov 2013 to Mar 2014	
Conditions	Trial conducted in the open, plants propagated via cuttings and grown in 40 mm plugs during November 2013 to January 2014. Plugs were potted and grown on in 140 mm containers throughout January to March 2014. Containers filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required	
Trial Design	Twelve pots of each variety in a completely randomised design	
Measurements	From ten plants randomly selected	
RHS Chart - edition	Fifth	
Origin and Breeding		
Controlled pollination: Crossing occurred between March and April 2008 at Wonga Park, VIC. This was part of an ongoing breeding program designed to hybridize forms of <i>Salvia greggii</i> with <i>Salvia microphylla</i> with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than <i>S. greggii</i> itself). 'Heatwave Sparkle' was selected as the maternal parent for its plant habit and flower size and was self-pollinated for an F2 generation of seed. This seed was collected, sown and raised and then grown out in field conditions. When the seedlings reached flowering maturity a selection was made on the basis of plant habit upright to bushy and petal colour yellow with a pink/orange margin. The selection was made and reviewed over a period of twelve months beginning from March 2010 to March 2011 when it was finally selected for production. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable. Breeder: Plant Growers Australia, Wonga Park, 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
Leaf	shape	ovate
Leaf	incision of margin	present
Leaf	presence of variegation	absent

Corolla	size	medium to large		
Plant	density	medium to dense		
Most Similar Varieties of Common Knowledge identified (VCK)				
Name	Comments			
‘Heatwave Glare’				
‘Heatwave Glimmer’				
Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Moonlight Serenade’	Plant density	medium to dense	sparse	
‘Riongelle’	Corolla Predominant colour of lower lip (RHS)	orange (29B)	red (37B)	

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	‘HeatwaveGlow’	‘Heatwave Glare’	‘Heatwave Glimmer’
<input checked="" type="checkbox"/> *Plant: growth habit	upright to bushy	bushy to spreading	bushy to spreading
<input type="checkbox"/> *Plant: density	medium to dense	medium	medium to dense
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	very weak to weak	very weak to weak	medium
<input type="checkbox"/> Leaf: shape	ovate	ovate	ovate
<input checked="" type="checkbox"/> Leaf: shape of apex	obtuse	obtuse	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	present	present	present
<input type="checkbox"/> Leaf: depth of incision	medium	medium to deep	shallow
<input type="checkbox"/> Leaf: type of incision	crenate	crenate	toothed
<input type="checkbox"/> Leaf: undulation of the margin	weak to medium	medium	very weak
<input type="checkbox"/> Leaf: prominence of venation	weak to medium	weak to medium	medium
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	weak	medium	weak
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	147A	146A	146A
<input checked="" type="checkbox"/> Inflorescence: number of flowers per node	1 or 2 only	1, 2 or more	1 or 2 only
<input checked="" type="checkbox"/> Calyx: anthocyanin colouration	medium to strong	very weak to weak	strong
<input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart)	orange (29B)	white (NN155B)	yellow (10D)

Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	'HeatwaveGlow'	'Heatwave Glare'	'Heatwave Glimmer'
<input type="checkbox"/> Corolla: size	medium to large	medium	medium to large
<input checked="" type="checkbox"/> Calyx: colour at corolla full expansion (RHS colour chart)	brown (200C) + greyed-brown (N199A)	yellow-green (144B)	brown (200A)
<input checked="" type="checkbox"/> Corolla: presence of central eye zone on lower lip	present	absent	absent
<input type="checkbox"/> Corolla: colour of central eye zone on lower lip (RHS colour chart)	yellow (10B)	-	-
<input type="checkbox"/> Corolla: undulation of margin of lower lip	weak to medium	weak to medium	very weak to weak

Prior Applications :Nil

First sold in Australia in Mar 2012

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

Details of Application		
Application Number	2013/017	
Variety Name	'Heatwave Glare'	
Genus Species	<i>Salvia</i> hybrid	
Common Name	Sage	
Synonym	Nil	
Accepted Date	09 May 2013	
Applicant	Plant Growers Australia Pty Ltd., Wonga Park, VIC	
Agent	Plants Management Australia Pty Ltd., Dodges Ferry, TAS	
Qualified Person	Steve Eggleton	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	Salvia	
Period	Nov 2013 to Mar 2014	
Conditions	Trial conducted in the open, plants propagated via cuttings and grown in 40 mm plugs during November 2013 to January 2014. Plugs were potted and grown on in 140 mm containers throughout January to March 2014. Containers filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required	
Trial Design	Twelve pots of each variety in a completely randomised design	
Measurements	From ten plants randomly selected.	
RHS Chart - edition	Fifth	
Origin and Breeding		
Controlled pollination: Crossing occurred between March and April 2008 at Wonga Park, VIC. This was part of an ongoing breeding program designed to hybridize forms of <i>Salvia greggii</i> with <i>Salvia microphylla</i> with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than <i>S. greggii</i> itself). 'Heatwave Glimmer' was selected as the maternal parent for its plant habit and flower size and was self-pollinated for an F2 generation of seed. This seed was collected, sown and raised and then grown out in field conditions. When the seedlings reached flowering maturity a selection was made on the basis of plant habit bushy to spreading and petal colour white. The selection was made and reviewed over a period of twelve months beginning from March 2010 to March 2011 when it was finally selected for production. Propagation: will continue to be cuttings. All generations have proved to be uniform and stable. Breeder: Plant Growers Australia, Wonga Park, VIC.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	bushy to spreading
Plant	density	medium to dense
Leaf	shape	ovate

Leaf	incision of margin	present		
Leaf	presence of variegation	absent		
Corolla	presence of central eye zone on lower lip	absent		
Most Similar Varieties of Common Knowledge identified (VCK)				
Name		Comments		
'Glimmer'				
Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Moonlight Serenade'	plant density	medium	sparse	

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

Organ/Plant Part: Context	'Heatwave Glare'	'Glimmer'
<input type="checkbox"/> *Plant: growth habit	bushy to spreading	bushy to spreading
<input type="checkbox"/> *Plant: density	medium	medium to dense
<input checked="" type="checkbox"/> Stem: anthocyanin colouration	very weak to weak	medium
<input type="checkbox"/> Leaf: shape	ovate	ovate
<input checked="" type="checkbox"/> Leaf: shape of apex	obtuse	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	present	present
<input checked="" type="checkbox"/> Leaf: depth of incision	medium to deep	shallow
<input type="checkbox"/> Leaf: type of incision	crenate	toothed
<input checked="" type="checkbox"/> Leaf: undulation of the margin	medium	very weak
<input type="checkbox"/> Leaf: prominence of venation	weak to medium	medium
<input type="checkbox"/> Leaf: glossiness of upper side	medium	weak
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	146A	146A
<input type="checkbox"/> Inflorescence: number of flowers per node	1, 2 or more	1 or 2 only
<input checked="" type="checkbox"/> Calyx: anthocyanin colouration	very weak to weak	strong
<input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart)	white (NN155B)	yellow (10D)

Characteristics Additional to the Descriptor/TG

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

Prior Applications :Nil

First sold in Australia in Mar 2012.

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

Details of Application		
Application Number	2013/259	
Variety Name	'Eggben 008'	
Genus Species	<i>Salvia</i> hybrid	
Common Name	Sage	
Synonym	'Heatwave Brilliance'	
Accepted Date	06 Dec 2013	
Applicant	Plant Growers Australia Pty Ltd., Wonga Park, VIC	
Agent	Plants Management Australia Pty Ltd., Dodges Ferry, TAS	
Qualified Person	Steve Eggleton	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	Salvia	
Period	Nov 2013 to Mar 2014	
Conditions	Trial conducted in the open, plants propagated via cuttings and grown in 40 mm plugs during November 2013 to January 2014. Plugs were potted and grown on in 140mm containers throughout January to March 2014. Containers filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required.	
Trial Design	Twelve pots of each variety in a completely randomised design	
Measurements	From ten plants randomly selected.	
RHS Chart - edition	2001	
Origin and Breeding		
Controlled pollination: Crossing occurred between March and April 2007 at Wonga Park, VIC. This was part of an ongoing breeding program designed to hybridize forms of <i>Salvia greggii</i> with <i>Salvia microphylla</i> with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than <i>S. greggii</i> itself). 'Heatwave Sparkle' was selected as the maternal parent for its plant habit and flower size. This was self-pollinated for a F2 generation of seed which was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density dense, corolla predominant colour of lower lip deep cerise and corolla presence of central eye zone absent. The selection was made and reviewed over a period of months beginning from October 2009. From this selection cuttings were taken and further plants grown to maturity. During 2011 and 2012 further generations of garden plant outs and container production trials were completed. All generations have remained uniform and stable. Breeder: Plant Growers Australia, Wonga Park, 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	density	medium

Stem	degree of anthocyanin colouration	very weak to weak		
Leaf	shape of apex	acute		
Leaf	incision of margin	present		
Leaf	presence of variegation	absent		
Corolla	predominant colour of lower lip	RHS Red-Purple group		
Most Similar Varieties of Common Knowledge identified (VCK)				
Name		Comments		
'Eggben 009'				
'Heatwave Sparkle'				
Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Navajo Rose'	Leaf incision of margin	present	absent	

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

Organ/Plant Part: Context	'Eggben 008'	'Eggben 009'	'Heatwave Sparkle'
<input type="checkbox"/> *Plant: growth habit	bushy to spreading	bushy to spreading	bushy
<input type="checkbox"/> *Plant: density	medium	medium	medium
<input type="checkbox"/> Stem: anthocyanin colouration	very weak to weak	very weak to weak	very weak to weak
<input checked="" type="checkbox"/> Leaf: shape	ovate	ovate	elliptic
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	present	present	present
<input checked="" type="checkbox"/> Leaf: depth of incision	shallow to medium	shallow	medium to deep
<input type="checkbox"/> Leaf: type of incision	toothed	toothed	crenate
<input checked="" type="checkbox"/> Leaf: undulation of the margin	very weak to weak	medium	medium
<input type="checkbox"/> Leaf: prominence of venation	weak	very weak to weak	weak to medium
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak	weak
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	147B	147B	146A
<input type="checkbox"/> Inflorescence: number of flowers per node	1 or 2 only	1 or 2 only	1 or 2 only
<input type="checkbox"/> Calyx: anthocyanin colouration	strong	medium to strong	strong

<input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart)	lose to red-purple (61A)	red-purple (73A)	red-purple (71C)
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Characteristics Additional to the Descriptor/TG			
Organ/Plant Part: Context	‘Eggben 008’	‘Eggben 009’	‘Heatwave Sparkle’
<input type="checkbox"/> Corolla: size	medium	medium to large	medium to large
<input type="checkbox"/> Calyx: colour at corolla full expansion (RHS colour chart)	greyed-purple (187A)	greyed-purple (187B)	brown (200C) and grey-brown (N199A)
<input checked="" type="checkbox"/> Corolla: presence of central eye zone on lower lip	absent	present	present
<input checked="" type="checkbox"/> Corolla: undulation of margin of lower lip	very weak to weak	very weak to weak	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2013	Applied	‘Eggben 008’

First sold in Australia in Nov 2012.

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

Details of Application		
Application Number	2013/257	
Variety Name	'Eggben 009'	
Genus Species	<i>Salvia</i> hybrid	
Common Name	Sage	
Synonym	'Heatwave Radiance'	
Accepted Date	06 Dec 2013	
Applicant	Plant Growers Australia Pty Ltd., Wonga Park, VIC	
Agent	Plants Management Australia Pty Ltd., Dodges Ferry, TAS	
Qualified Person	Steve Eggleton	
Details of Comparative Trial		
Location	Wonga Park, VIC	
Descriptor	Salvia	
Period	Nov 2013 to Mar 2014	
Conditions	Trial conducted in the open, plants propagated via cuttings and grown in 40 mm plugs during November 2013 to January 2014. Plugs were potted and grown on in 140mm containers throughout January to March 2014. Containers filled with soilless, pinebark based mix with controlled release fertilisers. Appropriate pest and disease treatments were applied as required	
Trial Design	Twelve pots of each variety in a completely randomised design	
Measurements	From ten plants randomly selected.	
RHS Chart - edition	2001	
Origin and Breeding		
Controlled pollination: Crossing occurred between March and April 2007 at Wonga Park, VIC. This was part of an ongoing breeding program designed to hybridize forms of <i>Salvia greggii</i> with <i>Salvia microphylla</i> with the aim of producing plants with denser plant habits, being more robust garden plants and in a range of flower colours (than <i>S. greggii</i> itself). 'Heatwave Sparkle' (a selection from a previous breeding generation) was selected as the maternal parent for its plant habit and flower size. This was self-pollinated for a F2 generation of seed which was collected, sown and raised. When the seedlings reached flowering maturity a selection was made on the basis of plant density medium, corolla predominant colour of lower lip bright pink and corolla presence of central eye zone present. The selection was made and reviewed over a period of months beginning from October 2009. From this selection cuttings were taken and further plants grown to maturity. During 2011 and 2012 further generations of garden plant outs and container production trials were completed. All generations have remained uniform and stable. Breeder: Plant Growers Australia, Wonga Park, 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	density	medium

Leaf	shape of apex	acute
Leaf	incision of margin	present
Stem	degree of anthocyanin colouration	very weak to weak
Leaf	presence of variegation	absent
Corolla	predominant colour of lower lip	RHS Red-Purple group

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Eggben 008'	
'Heatwave Sparkle'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Navajo Rose'	Leaf incision of margin	present	absent	
'James Compton'	Leaf incision of margin	present	absent	

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

Organ/Plant Part: Context	'Eggben 009'	'Eggben 008'	'Heatwave Sparkle'
<input type="checkbox"/> *Plant: growth habit	bushy to spreading	bushy to spreading	bushy
<input type="checkbox"/> *Plant: density	medium	medium	medium
<input type="checkbox"/> Stem: anthocyanin colouration	very weak to weak	very weak to weak	very weak to weak
<input checked="" type="checkbox"/> Leaf: shape	ovate	ovate	elliptic
<input type="checkbox"/> Leaf: shape of apex	acute	acute	acute
<input type="checkbox"/> Leaf: shape of base	cuneate	cuneate	cuneate
<input type="checkbox"/> Leaf: incision of margin	present	present	present
<input checked="" type="checkbox"/> Leaf: depth of incision	shallow	shallow to medium	medium to deep
<input type="checkbox"/> Leaf: type of incision	toothed	toothed	crenate
<input type="checkbox"/> Leaf: undulation of the margin	medium	very weak to weak	medium
<input type="checkbox"/> Leaf: prominence of venation	very weak to weak	weak	weak to medium
<input type="checkbox"/> Leaf: glossiness of upper side	weak	weak	weak
<input type="checkbox"/> Leaf: presence of variegation	absent	absent	absent
<input type="checkbox"/> Leaf: predominant colour of upper side (RHS colour chart)	147B	147B	146A
<input type="checkbox"/> Inflorescence: number of flowers per node	1 or 2 only	1 or 2 only	1 or 2 only

<input type="checkbox"/> Calyx: anthocyanin colouration	medium to strong	strong	strong
<input checked="" type="checkbox"/> Corolla: predominant colour of lower lip (RHS colour chart)	red-purple (73A)	close to red-purple (61A)	red-purple (71C)

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Eggben 009'	'Eggben 008'	'Heatwave Sparkle'
<input type="checkbox"/> Corolla: size	medium to large	medium	medium to large
<input checked="" type="checkbox"/> Calyx: colour at corolla full expansion (RHS colour chart)	greyed-purple (187B)	greyed-purple (187A)	brown (200C) and grey-brown (N199A)
<input checked="" type="checkbox"/> Corolla: presence of central eye zone on lower lip	present	absent	present
<input checked="" type="checkbox"/> Corolla: colour of central eye zone on lower lip (RHS colour chart)	white (N155A)	-	orange-white (159D)
<input checked="" type="checkbox"/> Corolla: undulation of margin of lower lip	very weak to weak	very weak to weak	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2013	Applied	'Eggben 009'

First sold in Australia in Nov 2012.

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

Details of Application		
Application Number	2010/294	
Variety Name	'Sunsenepiba'	
Genus Species	<i>Senecio</i> hybrid	
Common Name	Senecio	
Synonym	Nil	
Accepted Date	15 Jun 2011	
Applicant	Suntory Flowers Ltd, Tokyo, Japan	
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Oasis Horticulture Pty Limited, Winmalee, NSW	
Descriptor	General Descriptor (for plant varieties with no descriptor available) PBR GEN DES	
Period	February - April 2014	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design	
Measurements	From ten plants at random. One sample per plant.	
RHS Chart - edition	2007	
Origin and Breeding		
Spontaneous mutation: parent 'RB325'. The parent is characterised by a reddish ray floret colour and late season. 'Sunsenepiba' was selected due to its uniform, mounding plant growth habit, attractive inflorescence colour, freely flowering & branching. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Kiyoshi Miyazaki, Shiga, Japan.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Ray floret	main colour group	purple or violet
Ray floret	secondary colour	present
Ray floret	secondary colour group	white
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Sunseneribuba'		

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	‘Sunsenepiba’	‘Sunseneribuba’
<input type="checkbox"/> Plant: height	medium	short to medium
<input type="checkbox"/> Plant: width	medium	narrow to medium
<input type="checkbox"/> Leaf: length of blade	medium	short to medium
<input type="checkbox"/> Leaf: width of blade	medium	medium
<input type="checkbox"/> Leaf: depth of incision	very shallow to shallow	shallow
<input type="checkbox"/> Leaf: type of incision	toothed	toothed
<input type="checkbox"/> Leaf: green colour	medium to dark	medium to dark

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sunsenepiba’	‘Sunseneribuba’
<input type="checkbox"/> Inflorescence: diameter of flower cluster	medium	medium
<input type="checkbox"/> Ray floret: number of colours	two	two
<input checked="" type="checkbox"/> Ray floret: main colour of upper side (RHS)	N78A	N88A
<input type="checkbox"/> Ray floret: secondary colour of upper side (RHS)	NN155D	NN155D
<input checked="" type="checkbox"/> Ray floret: main colour of lower side (RHS)	N78A	N88B
<input type="checkbox"/> Ray floret: length	medium	medium
<input type="checkbox"/> Ray floret: width	narrow-medium	narrow-medium
<input checked="" type="checkbox"/> Disc floret: colour (RHS)	purple	violet
<input type="checkbox"/> Leaf: degree of lobing	weak to medium	weak to medium

Prior Applications and Sales

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

First sold in USA and Canada in Sep 2009 under the name Senetti Pink Bicolor.

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

Details of Application		
Application Number	2011/175	
Variety Name	'M 4'	
Genus Species	<i>Citrus sinensis</i>	
Common Name	Sweet Orange	
Synonym	Nil	
Accepted Date	26 Aug 2011	
Applicant	Pacific Fresh Enterprises, Leeton, NSW	
Agent	N/A	
Qualified Person	Arthur Edwards	
Details of Comparative Trial		
Location	Leeton, NSW	
Descriptor	TG/202/1	
Period	July 2013 - July 2014	
Conditions	The candidate variety and one variety was field grafted onto existing Washington navel trees in a commercial orchard at Leeton, NSW. Plant measurements commenced in the second cropping season during flowering (September) 2013 and completed at harvest (July) 2014. All trees were provided with the same nutrition, irrigation, pest and disease management as commercial trees in the same orchard.	
Trial Design	A replicated trial was established in a single row of trees which included five candidate trees interspersed with comparator trees.	
Measurements	Measurements were taken at flowering and when the fruit was mature.	
RHS Chart - edition	2007	
Origin and Breeding		
The candidate was discovered in June 2006 as a sport limb on a Washington navel tree in an established orchard at Pacific Fresh, in Leeton NSW. The parent is characterised by orange fruit rind colour. Selection criteria: bronzed fruit rind colour at maturity. Propagation: clonal. Breeder: Pacific Fresh Enterprises, Leeton, NSW		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	Seededness	Seedless
Fruit	presence of navel	present
Fruit	maturity	mid-season
Petiole	presence of wings	present
Tree	growth habit	drooping
Tree	density of spines	absent or sparse

Most Similar Varieties of Common Knowledge identified (VCK)					
Name		Comments			
Washington navel		mid-season, large, seedless, navel orange			
Varieties of Common Knowledge identified and subsequently excluded					
Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
Leng navel	fruit	colour at maturity	bronze	orange	
Navelina	fruit	colour at maturity	bronze	orange	
Late lane	fruit	colour at maturity	bronze	orange	

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

Organ/Plant Part: Context	'M 4'	'Washington navel'
<input type="checkbox"/> Ploidy:	triploid	triploid
<input type="checkbox"/> *Tree: growth habit	drooping	drooping
<input type="checkbox"/> Tree: density of spines	absent or sparse	absent or sparse
<input type="checkbox"/> Tree: length of spines	short	short to medium
<input type="checkbox"/> Leaf blade: length	medium	medium
<input type="checkbox"/> Leaf blade: width	medium to broad	medium to broad
<input type="checkbox"/> Leaf blade: ratio length/width	medium	medium
<input type="checkbox"/> Leaf blade: shape in cross section	intermediate	intermediate
<input type="checkbox"/> Leaf blade: twisting	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: blistering	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: green colour	medium to dark	medium to dark
<input type="checkbox"/> Leaf blade: undulation of margin	absent or weak	absent or weak
<input type="checkbox"/> Leaf blade: incisions of margin	absent	absent
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> Leaf blade: emargination at tip	absent	absent
<input type="checkbox"/> Petiole: length	long	medium
<input type="checkbox"/> Petiole: presence of wings	present	present
<input type="checkbox"/> Petiole: width of wings (varieties with petiole wings present only)	medium	medium
<input type="checkbox"/> Flower: diameter of calyx	medium to large	medium
<input type="checkbox"/> Flower: length of petal	medium to long	medium to long
<input type="checkbox"/> Flower: width of petal	broad	medium
<input type="checkbox"/> Flower: ratio length/width of petal	medium	medium
<input type="checkbox"/> Flower: length of stamens	long	medium
<input type="checkbox"/> Flower: basal union of stamens	absent	absent

<input type="checkbox"/> Anther: colour	medium yellow	medium yellow
<input type="checkbox"/> Style: length	medium to long	medium
<input type="checkbox"/> Style: shape	straight	straight
<input type="checkbox"/> *Fruit: length	medium to long	medium to long
<input type="checkbox"/> *Fruit: diameter	medium	medium
<input type="checkbox"/> *Fruit: ratio length/diameter	medium	medium
<input type="checkbox"/> *Fruit: position of broadest part	at middle	at middle
<input type="checkbox"/> Fruit: general shape of proximal part	slightly rounded	slightly rounded
<input type="checkbox"/> *Fruit: presence of depression at stalk end (varieties without fruit neck only)	present	present
<input type="checkbox"/> Fruit: depth of depression at stalk end (varieties without fruit neck only)	shallow	shallow
<input type="checkbox"/> Fruit: number of radial grooves at stalk end	intermediate	intermediate
<input type="checkbox"/> Fruit: length of radial grooves at stalk end	short	short to medium
<input type="checkbox"/> Fruit: presence of collar	absent	absent
<input type="checkbox"/> Fruit: general shape of distal part	slightly rounded	slightly rounded
<input type="checkbox"/> *Fruit: presence of depression at distal end	absent	absent
<input type="checkbox"/> *Fruit: presence of areola	absent	absent
<input type="checkbox"/> Fruit: diameter of styler scar	medium to large	medium
<input type="checkbox"/> Fruit: persistence of style	none	none
<input type="checkbox"/> Fruit: diameter of navel opening	small to medium	small to medium
<input type="checkbox"/> Fruit: bulging of navel	absent or weak	absent or weak
<input type="checkbox"/> Fruit: presence of radial grooves at distal end	absent	absent
<input type="checkbox"/> Fruit: colour variegation	present	absent
<input checked="" type="checkbox"/> *Fruit surface: predominant colour(s)	greenish brown	medium orange
<input type="checkbox"/> Fruit surface: roughness	medium	medium
<input type="checkbox"/> Fruit surface: size of oil glands	all more or less the same size	all more or less the same size
<input type="checkbox"/> Fruit surface: presence of pitting and pebbling on oil glands	pitting and pebbling absent	pitting and pebbling absent
<input type="checkbox"/> *Fruit rind: thickness	medium	medium
<input checked="" type="checkbox"/> Fruit rind: strength	strong	medium
<input checked="" type="checkbox"/> Fruit: colour of albedo	greenish	light yellow
<input type="checkbox"/> Fruit: differently coloured specks in flesh	absent	absent
<input type="checkbox"/> Fruit: bicoloured segments	absent	absent
<input type="checkbox"/> *Fruit: main colour of flesh	light orange	light orange
<input type="checkbox"/> Fruit: bitterness of flesh	absent	absent
<input type="checkbox"/> Fruit: filling of core	medium to dense	medium
<input type="checkbox"/> Fruit: diameter of core	small	small
<input type="checkbox"/> Fruit: number of well developed segments	medium	medium

<input type="checkbox"/>	Fruit: coherence of adjacent segment walls	medium	medium
<input type="checkbox"/>	Fruit: strength of segment walls	weak	medium
<input type="checkbox"/>	Fruit: length of juice vesicles	long	long
<input type="checkbox"/>	Fruit: thickness of juice vesicles	medium	medium
<input type="checkbox"/>	Fruit: conspicuousness of juice vesicle walls	medium	medium
<input type="checkbox"/>	*Fruit: presence of navel (viewed internally)	always present	always present
<input type="checkbox"/>	Fruit: size of navel (viewed internally)	medium to large	medium to large
<input type="checkbox"/>	Fruit: juiciness	high	medium to high
<input type="checkbox"/>	Fruit juice: total soluble solids	medium to high	medium
<input type="checkbox"/>	Fruit juice: acidity	low to medium	medium
<input type="checkbox"/>	Fruit: number of seeds (open pollination)	absent or very few	absent or very few
<input type="checkbox"/>	*Time of: maturity of fruit for consumption	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'M 4'	'Washington navel'	
<input type="checkbox"/>	Fruit: presence of navel opening	present in 85% of fruit	present in 80% of fruit
<input checked="" type="checkbox"/>	Fruit: date achieving ACQS of 90	late May	late April
<input type="checkbox"/>	Fruit: date of achieving 40% juice	mid June	mid June
<input checked="" type="checkbox"/>	Fruit: predominant colour of mature fruit	combination of grey-brown 199A with grey orange N167A with yellow green 146A and 146B	Orange N25C

Prior Applications and Sales

Nil

Description: Alison MacGregor, Mildura, VIC

Details of Application	
Application Number	2012/084
Variety Name	'Hummer'
Genus Species	<i>Festuca arundinacea</i>
Common Name	Tall Fescue
Synonym	Nil
Accepted Date	09 Apr 2014
Applicant	Grasslands Innovation Ltd., Palmerston North, New Zealand
Agent	Griffith Hack, Brisbane, QLD
Qualified Person	Joy Lin

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	FES013, Grant No. 30919
Location	Lincoln, New Zealand
Descriptor	Tall Fescue (<i>Festuca arundinacea</i>) UPOV TG/39/8
Period	2012-2013
Conditions	Centralised trials conducted on contract under the directorship of the New Zealand Plant Variety Rights Office atASUREQuality Ltd, Lincoln, New Zealand.
Trial Design	Randomised spaced plots: 6 replicates of 12 plants per variety. Row plots: 2 replicates of 5 metres with density plants per replicate of 200 plants per metre.
Measurements	Observations and measurements on spaced plants were made on 60 plants. Observations on rows were made on each row as a whole unit.
RHS Chart - edition	Nil

Origin and Breeding

Recurrent Phenotypic Selection: Seed was collected from beside a farmer's meadow in the South-East Pyrenees foothills, near Noves de Segre, Spain. This seed was subjected to 4 cycles of recurrent selection for yield, disease resistance, leaf softness & persistence under grazing. Seed was then inoculated with AR542 endophyte, and further 2 cycles of selection undertaken. Seed from this 6th cycle was designated KFa707 Breeder: Grasslands Innovation Ltd., Palmerston North, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	ploidy	hexaploid
Vegetative leaf	intensity of green colour	medium
Plant	time of inflorescence emergence	early
Stem	length of longest stem including inflorescence (when fully expanded)	short

Most Similar Varieties of Common Knowledge identified (VCK)	
Name	Comments
'Grasslands Flecha'	
'Quantum'	
'Quantum II'	
'Resolute'	
'Resolute II'	

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	'Hummer'	'Grasslands Flecha'	'Quantum'	'Quantum II'	'Resolute'	'Resolute II'
<input type="checkbox"/> *Plant: ploidy	hexaploid	hexaploid	hexaploid	hexaploid	hexaploid	hexaploid
<input type="checkbox"/> *Leaf: intensity of green colour during vegetative growth stage	medium	medium	medium	medium to dark	light	light
<input checked="" type="checkbox"/> Plant: natural height after vernalisation	medium to long	medium to long	medium	short to medium	medium	medium to long
<input checked="" type="checkbox"/> Plant: growth habit at inflorescence emergence	intermediate	erect to semi-erect	intermediate	intermediate	semi-erect	semi-erect
<input type="checkbox"/> Plant: natural height at inflorescence emergence	medium to long	long	long	long	long	long

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Hummer'	'Grasslands Flecha'	'Quantum'	'Quantum II'	'Resolute'	'Resolute II'
<input checked="" type="checkbox"/> Plant: growth habit	medium	semi-erect	medium to semi-prostrate	medium	medium	medium
<input type="checkbox"/> Vegetative leaf: width	wide	wide	wide	wide	wide	wide
<input type="checkbox"/> Vegetative leaf: length	medium	medium	medium	medium	short to medium	short to medium
<input type="checkbox"/> Plant: growth in winter	medium to strong	medium	medium	medium	medium	medium to strong

Statistical Table						
Organ/Plant Part: Context	'Hummer'	'Grasslands Flecha'	'Quantum'	'Quantum II'	'Resolute'	'Resolute II'
<input checked="" type="checkbox"/> Plant: time of inflorescence emergence (days)						
Mean	49.92	59.18	45.18	51.41	55.52	59.18
Std. Deviation	4.15	3.56	4.94	6.46	3.69	3.56
LSD/sig	2.6	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stem: length of longest stem including inflorescence -when fully expanded (mm)						
Mean	968.23	1269.58	1067.00	1134.76	1128.83	1269.58
Std. Deviation	77.62	110.73	104.70	89.31	103.04	110.73
LSD/sig	77.18	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: width (mm)						
Mean	6.61	7.06	7.85	8.03	8.32	7.06
Std. Deviation	0.99	0.89	1.40	1.71	1.44	0.89
LSD/sig	0.74	ns	P≤0.01	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Inflorescence: length (mm)						
Mean	20.91	35.37	24.38	26.01	27.39	35.37
Std. Deviation	38.88	52.87	36.03	35.88	39.76	52.87
LSD/sig	2.5898	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Flag leaf: length (mm)						
Mean	145.17	193.63	169.08	180.08	225.25	193.63
Std. Deviation	25.98	29.65	36.15	41.90	37.33	29.65
LSD/sig	23.913	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stem: length of upper internode (mm)						
Mean	529.25	723.17	580.00	590.08	670.00	698.17
Std. Deviation	73.25	85.81	81.84	53.42	73.35	69.02
LSD/sig	48.94	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Inflorescence: spikelet length (mm)						
Mean	14.04	13.81	14.41	13.85	13.62	13.27
Std. Deviation	1.80	1.77	1.93	1.52	1.67	1.64
LSD/sig	0.84	ns	ns	ns	ns	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2011	Granted	'Hummer'

Prior sale: nil.

Description: **Joy Lin**, Grasslands Innovation Ltd., Palmerston North, New Zealand.

Details of Application	
Application Number	2013/170
Variety Name	'Kesaria'
Genus Species	<i>Solanum lycopersicum</i>
Common Name	Tomato
Synonym	Nil
Accepted Date	06 Sep 2013
Applicant	Yissum Research Development Company of The Hebrew University of Jerusalem, Israel
Agent	Shelston IP, Sydney, NSW
Qualified Person	John Oates

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands
Overseas Data Reference Number	TMT02339
Location	Naktuinbouw, Roelofarendsveen, NL
Descriptor	TG/44/11
Period	2012-2013
Measurements	As according UPOV test guideline
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: The female parent, a stable non commercial breeding line of Yissum research Development Company designated CN5499A is pollinated by a stable non-commercial breeding line of Nunhems B.V. designated G2-15. Selections criteria: size - large; resistance - present; parent lines - stable. The hybrid has been grown in many places (Israel, Mexico, Turkey and Greece) and seasons, for consistency, performance and yield. breeder: Yissum Research Development Company of The Hebrew University of Jerusalem, Givat-Ram, Israel.

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	large
Fruit	number of locules	four, five or six
Fruit	green shoulder (before maturity)	absent
Fruit	colour at maturity	red
Disease	Resistance to <i>Verticillium</i> sp. (Va and Vd) – Race 0	present
Disease	resistance to <i>F. oxysporum</i> r 0 (ex 1)	present

Disease	resistance to <i>F. oxysporum</i> r 1 (ex 2)	present
Disease	resistance to ToMV (strain 0, 1 and 2)	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Alexsia'	
'Elpida'	
'Beladona'	
CN5499A	parent line
G2-15	parent line

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
CN5499A	Fruit :size	large	small	Parent line
G2-15	Resistance to TYLCV	present	absent	Parent line
G2-15	Fruit: blossom end size	small	large	Parent line
'Beladona'	Resistance toTYLCV	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	'Kesaria'	'Alexsia'	'Elpida'
<input type="checkbox"/> Seedling: anthocyanin colouration of hypocotyl (seed-propagated varieties only)	present	present	present
<input type="checkbox"/> *Plant: growth type	indeterminate	indeterminate	indeterminate
<input type="checkbox"/> Stem: anthocyanin colouration	weak	very weak to weak	-
<input type="checkbox"/> Stem: length of internode (varieties with plant growth type indeterminate only)	medium	medium	short to medium
<input type="checkbox"/> Plant: height (varieties with plant growth type indeterminate only)	medium to long	-	-
<input type="checkbox"/> *Leaf: attitude	semi-drooping to drooping	semi-drooping	semi-drooping to drooping
<input checked="" type="checkbox"/> Leaf: length	medium	long	medium to long
<input checked="" type="checkbox"/> Leaf: width	medium	broad	medium
<input type="checkbox"/> *Leaf: type of blade	bipinnate	bipinnate	bipinnate
<input type="checkbox"/> Leaf: size of leaflets	medium to large	medium	medium to large
<input type="checkbox"/> Leaf: intensity of green colour	medium to dark	medium to dark	medium

<input type="checkbox"/>	Leaf: glossiness	weak	weak to medium	very weak to weak
<input type="checkbox"/>	Leaf: blistering	weak to medium	weak to medium	weak
<input type="checkbox"/>	Leaf: attitude of petiole of leaflet in relation to main axis	semi-erect to horizontal	semi-erect	semi-erect
<input type="checkbox"/>	Inflorescence: type	mainly uniparous	mainly uniparous	mainly uniparous
<input type="checkbox"/>	*Flower: colour	yellow	yellow	yellow
<input type="checkbox"/>	Flower: pubescence of style	present	present	present
<input type="checkbox"/>	*Peduncle: abscission layer	present	present	present
<input type="checkbox"/>	*Pedicel: length (varieties with peduncle abscission layer present only)	short to medium	medium	medium
<input checked="" type="checkbox"/>	*Fruit: green shoulder (before maturity)	absent	absent	present
<input type="checkbox"/>	*Fruit: intensity of green colour excluding shoulder (before maturity)	light to medium	light to medium	medium
<input type="checkbox"/>	*Fruit: size	large	large	large
<input type="checkbox"/>	*Fruit: ratio length/diameter	moderately compressed	very compressed to moderately compressed	medium
<input type="checkbox"/>	*Fruit: shape in longitudinal section	oblate	oblate	-
<input type="checkbox"/>	*Fruit: ribbing at peduncle end	weak to medium	weak to medium	medium
<input type="checkbox"/>	Fruit: depression at peduncle end	medium to strong	medium	medium
<input type="checkbox"/>	Fruit: size of peduncle scar	medium to large	medium	large
<input checked="" type="checkbox"/>	Fruit: size of blossom scar	small to medium	large	small to medium
<input type="checkbox"/>	Fruit: shape at blossom end	flat	flat	flat
<input type="checkbox"/>	Fruit: diameter of core in cross section in relation to total diameter	medium to large	medium to large	large
<input type="checkbox"/>	Fruit: thickness of pericarp	medium to thick	medium	medium to thick
<input type="checkbox"/>	*Fruit: number of locules	four, five or six	four, five or six	four, five or six
<input type="checkbox"/>	*Fruit: colour (at maturity)	red	red	red
<input type="checkbox"/>	*Fruit: colour of flesh (at maturity)	red	red	red
<input type="checkbox"/>	*Fruit: firmness	firm to very firm	firm	firm
<input type="checkbox"/>	Time of: flowering	medium to late	medium	-
<input checked="" type="checkbox"/>	*Time of: maturity	very late	late	medium to late

<input checked="" type="checkbox"/> *Resistance to: <i>Meloidogyne incognita</i> (Mi)	moderately resistant	susceptible	-
<input type="checkbox"/> *Resistance to: <i>Verticillium</i> sp. (Va and Vd) – Race 0	present	present	present
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol) – Race 0 (ex 1)	present	present	present
<input type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> (Fol) – Race 1 (ex 2)	present	present	present
<input checked="" type="checkbox"/> Resistance to: <i>Fusarium oxysporum</i> f. sp. <i>radicis lycopersici</i> (Forl)	absent	-	present
<input checked="" type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i>) – Group A	absent	absent	present
<input checked="" type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i>) – Group B	absent	absent	present
<input checked="" type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i>) – Group C	absent	absent	present
<input checked="" type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i>) – Group D	absent	absent	present
<input type="checkbox"/> Resistance to: <i>Fulvia fulva</i> (Ff) (ex <i>Cladosporium fulvum</i>) – Group E	absent	absent	present
<input type="checkbox"/> Resistance to: <i>Tomato Mosaic Tobamovirus</i> (ToMV) – Strain 0	present	present	present
<input type="checkbox"/> Resistance to: <i>Tomato Mosaic Tobamovirus</i> (ToMV) – Strain 1	present	present	present
<input type="checkbox"/> Resistance to: <i>Tomato Mosaic Tobamovirus</i> (ToMV) – Strain 2	present	present	present
<input type="checkbox"/> Resistance to: <i>Phytophthora infestans</i> (Pi)	absent	-	-
<input type="checkbox"/> Resistance to: <i>Tomato Yellow Leaf Curl Begomovirus</i> (TYLCV)	present	present	-
<input type="checkbox"/> Resistance to: <i>Tomato Spotted Wilt Tospovirus</i> (TSWV) - Race 0	present	present	-
<input checked="" type="checkbox"/> Resistance to: <i>Oidium neolycopersici</i> (On) (ex <i>Oidium lycopersicum</i> (Ol))	absent	-	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2011	Granted	'Kesaria'
EU	2011	Applied	'Kesaria'

First sold in Greece in Nov 2010. First Australian sale Jul 2012.

Description: **John Oates**, VF Solutions, Tura Beach, NSW.

Details of Application	
Application Number	2009/107
Variety Name	'Sunmarired'
Genus Species	<i>Verbena</i> hybrid
Common Name	Verbena
Synonym	Nil
Accepted Date	31 Aug 2009
Applicant	Suntory Flowers Limited, Tokyo, Japan
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Oasis Horticulture Pty Limited, Winmalee, NSW
Descriptor	UPOV Technical Guidelines for Verbena (UPOV TG /220/1 Rev.)
Period	February - April 2014
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.
Trial Design	Fifteen pots of each variety arranged in a completely randomised design
Measurements	From ten plants at random. One sample per plant.
RHS Chart - edition	2007

Origin and Breeding

Controlled pollination: seed parent 'USV65' x pollen parent 'H232-2'. The seed parent is characterised by a small flower diameter and large plant diameter. The pollen parent is characterised by a red flower colour and a small plant diameter. Selection criteria: bushy, trailing plant growth habit, vivid red flowers, large inflorescence size, long flowering period, abundant branching. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeder: Naoto Takamura, Yamanashi, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	red
Plant	growth habit	semi-upright
Flower	diameter of corolla	large or large to very large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sunvivare'	

Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Scarlena'	Corolla: diameter	large	medium-large	'Scarlena' also more orange red and a larger plant diameter

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	'Sunmarired'	'Sunvivare'
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input type="checkbox"/> *Plant: width just after the start of flowering	medium to large	medium
<input type="checkbox"/> *Stem: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> *Leaf blade: length	medium	long
<input checked="" type="checkbox"/> *Leaf blade: width	narrow to medium	medium to broad
<input type="checkbox"/> *Leaf blade: shape	ovate	ovate
<input type="checkbox"/> *Leaf blade: division	absent	absent
<input checked="" type="checkbox"/> *Leaf blade: type of incisions of margin	crenate	dentate
<input type="checkbox"/> *Leaf blade: colour of upper side	medium green	yellow green
<input type="checkbox"/> *Leaf blade: anthocyanin colouration on upper side	absent	absent
<input type="checkbox"/> *Petiole: length	very short to short	short
<input type="checkbox"/> *Inflorescence: diameter	medium to large	medium to large
<input type="checkbox"/> *Inflorescence: shape in profile	broad obovate	broad ovate
<input checked="" type="checkbox"/> *Flower: arrangement of corolla lobes	overlapping	free
<input type="checkbox"/> *Flower: diameter of corolla	large	large to very large
<input type="checkbox"/> *Calyx: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> *Calyx: distribution of anthocyanin colouration	teeth only	upper part
<input type="checkbox"/> *Corolla tube: length	medium to long	medium to long
<input checked="" type="checkbox"/> *Corolla tube: colour of tip of protruding hairs	pink	grey purple
<input type="checkbox"/> *Corolla lobe: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> *Corolla lobe: undulation of margin	weak	weak to medium
<input type="checkbox"/> *Corolla: number of colours	one	one

<input checked="" type="checkbox"/> *Corolla: colour pattern	shaded	even
<input type="checkbox"/> *Corolla: distribution of colour (shaded varieties only)	lighter towards apex	
<input checked="" type="checkbox"/> *Corolla: main colour (RHS colour chart)	darker than 45A	57A
<input type="checkbox"/> *Corolla: eye	absent	absent
<input checked="" type="checkbox"/> Corolla: change of colour with age	no change	weakly fading

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2006	Granted	'Sunmarired'
EU	2007	Granted	'Sunmarired'
Israel	2007	Granted	'Sunmarired'
Russia	2008	Granted	'Sunmarired'
USA	2006	Granted	'Sunmarired'

First sold in the USA in Oct 2006 under the name Temari Red.

First Australian sale in Oct 2010 under the name Kazari Red.

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

Details of Application		
Application Number	2011/290	
Variety Name	'Sunmaricomu'	
Genus Species	<i>Verbena</i> hybrid	
Common Name	Verbena	
Synonym	Magenta	
Accepted Date	24 Feb 2012	
Applicant	Suntory Flowers Limited, Tokyo, Japan	
Agent	Oasis Horticulture Pty Limited, Winmalee, NSW	
Qualified Person	Ian Paananen	
Details of Comparative Trial		
Location	Oasis Horticulture Pty Limited, Winmalee, NSW	
Descriptor	UPOV Technical Guidelines for Verbena (UPOV TG /220/1 Rev.)	
Period	February - April 2014	
Conditions	Trial conducted open beds, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers, pest and disease treatments applied as required.	
Trial Design	Fifteen pots of each variety arranged in a completely randomised design	
Measurements	From ten plants at random. One sample per plant.	
RHS Chart - edition	2007	
Origin and Breeding		
Controlled pollination: seed parent '00-17' x pollen parent '00-20'. The seed parent is characterised by a violet flower colour and upright plant growth habit. The pollen parent is characterised by a lavender flower colour and an upright plant growth habit. Selection criteria: compact, mounding growth habit, free branching, red purple flower colour. Propagation: vegetative cuttings and micropropagation were found to be uniform and stable. Breeders: Takeshi Kanaya, Chiba, Japan, Tomoya Misato, Yamanashi, Japan.		
Choice of Comparators Characteristics used for grouping varieties to identify the most similar Variety of Common Knowledge		
Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	red purple
Plant	growth habit	semi-upright
Inflorescence	diameter	medium
Most Similar Varieties of Common Knowledge identified (VCK)		
Name	Comments	
'Balwilvio'		

Varieties of Common Knowledge identified and subsequently excluded				
Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Sunvivapa’	Plant: growth habit	semi-upright	creeping	comparator is late flowering whereas candidate is early
‘Sunvivadaiba’	Plant: growth habit	semi-upright	creeping	
‘Sunmaririwaba’	Corolla: eye	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	‘Sunmaricomu’	‘Balwilvio’
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright
<input checked="" type="checkbox"/> *Plant: width just after the start of flowering	medium	large
<input type="checkbox"/> *Stem: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf blade: length	short to medium	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium
<input type="checkbox"/> *Leaf blade: shape	ovate	ovate
<input type="checkbox"/> *Leaf blade: division	absent	absent
<input type="checkbox"/> *Leaf blade: type of incisions of margin	dentate	dentate
<input type="checkbox"/> *Leaf blade: colour of upper side	medium green	medium green
<input type="checkbox"/> *Leaf blade: anthocyanin colouration on upper side	absent	absent
<input type="checkbox"/> *Petiole: length	very short to short	short
<input type="checkbox"/> *Inflorescence: diameter	medium	medium
<input type="checkbox"/> *Inflorescence: shape in profile	broad ovate	broad ovate
<input checked="" type="checkbox"/> *Flower: arrangement of corolla lobes	touching	free
<input checked="" type="checkbox"/> *Flower: diameter of corolla	large	medium
<input checked="" type="checkbox"/> *Calyx: anothocyanin colouration	present	absent
<input type="checkbox"/> *Calyx: distribution of anthocyanin colouration	teeth only	
<input type="checkbox"/> *Corolla tube: length	medium	medium
<input checked="" type="checkbox"/> *Corolla tube: colour of tip of protruding hairs	light green yellow	grey purple
<input checked="" type="checkbox"/> *Corolla lobe: curvature of longitudinal axis	straight	incurved
<input type="checkbox"/> *Corolla lobe: undulation of margin	very weak to weak	very weak to weak

<input type="checkbox"/> *Corolla: number of colours	one	one
<input checked="" type="checkbox"/> *Corolla: colour pattern	shaded	even
<input type="checkbox"/> *Corolla: distribution of colour (shaded varieties only)	lighter towards apex	
<input checked="" type="checkbox"/> *Corolla: main colour (RHS colour chart)	darker than 71A	N78A
<input type="checkbox"/> *Corolla: eye	present	present
<input checked="" type="checkbox"/> *Corolla: diameter of eye	medium	small
<input type="checkbox"/> *Corolla: colour of eye	whitish green	whitish green
<input type="checkbox"/> Corolla: change of colour with age	weakly fading	weakly fading
<input type="checkbox"/> *Stem: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf blade: length	short to medium	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2009	Withdrawn	'Sunmaricomu'
Japan	2011	Granted	'Sunmaricomu'
USA	2010	Granted	'Sunmaricomu'

First sold in the USA in Oct 2009 under the name Temari Magenta.

First Australian sale in Nov 2011 under the name Kazari 'Magenta'.

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

Details of Application	
Application Number	2010/048
Variety Name	'Altitude'
Genus Species	<i>Trifolium repens</i>
Common Name	White Clover
Synonym	
Accepted Date	11 April 2014
Applicant	Grasslanz Technology Limited, Palmerston North, New Zealand
Agent	Griffith Hack, Brisbane, QLD
Qualified Person	Ms Joy Lin
Details of Comparative Trial	
Overseas Testing Authority	New Zealand Plant Varieties Rights Office
Overseas Data Reference Number	CLO048 Grant No: 30735
Location	Centralised PVR trials, Lincoln, New Zealand
Descriptor	UPOV White clover <i>Trifolium repens</i> TG/38/7
Period	2011 & 2013
Conditions	Centralised trials conducted on contract under the supervision of the New Zealand Plant Variety Rights Office byASUREQuality Ltd, Lincoln, New Zealand
Trial Design	Randomised block design with spaced plots: 6 replicates of 12 plants per variety.
Measurements	Observations and measurements on spaced plants were made on 60 plants.
Origin and Breeding	
<p>Controlled pollination: Poly-cross among selected 'Haifa' genotypes. 'Altitude' originated from a cross in 1998 between 'Haifa' genotypes, identified by screening for agronomic performance, and frost tolerant genotypes identified by screening large-leaved white clover lines at negative 8 degrees Celsius in controlled environment cabinets at Palmerston North, New Zealand. This 'Haifa' x frost tolerant line was evaluated for agronomic performance in a mixed sward under rotational sheep grazing from 1998-2001. The high stolon density, superior spring and autumn growth, good recovery following moisture stress, and excellent persistence under grazing relative to the control cultivars indicated the potential of 'Altitude' in intensive sheep and cattle systems. Stolons collected from surviving plants in the field trial were used to develop an F₂ population in summer 2001-02. 200 genotypes from this F₂ were screened at Lincoln, New Zealand in 2002-03 for seed production potential to identify the final parents of 'Altitude'. Parents were identified based on high seed yield, uniform flowering pattern and leaf size, long peduncles, absence of white clover mosaic virus, alfalfa mosaic virus and other foliar diseases. The 24 selected parents were vegetatively propagated and poly-crossed at Lincoln in 2003/04 to provide pre-nucleus seed.</p>	
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	intermediate
Plant	density of foliage	medium to medium to high
Plant	time of flowering	early to medium
Leaf	prominence of white leaf marks	medium to strong to strong
Leaf	size of median leaflet	Medium to large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Chieftain'	
'Grassland Chalice'	
'Grasslands Huia'	
'Grasslands Kopu II'	
'Haifa'	
'Trophy'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
'Super Haifa'	Inflor- escence	peduncle length	long	short	
'Tribute'	Plant	flowering time	early	medium	
'Tribute'	Plant	Cyano- genesis (HCN%)	medium	high	
'Trophy'	Plant	growth habit	intermediate	intermediate to prostrate	
'Trophy'	Plant	flowering time	early	medium	
'Trophy'	Plant	Cyano- genesis (HCN%)	medium	very high	

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

Organ/Plant Part: Context	'Altitude'	'Chieftain'	'Grasslands Chalice'	'Grasslands Huia'	'Grasslands Kopu II'	'Haifa'
<input type="checkbox"/> Plant: intensity of green colour	medium	light	medium to dark	medium	medium	medium
<input type="checkbox"/> Plant: density of foliage	medium	medium to high	medium	medium to high	medium	medium to high
<input checked="" type="checkbox"/> Plant: proportion of plants with cyanid gluco- side	medium	high	high	high	high	very high

<input type="checkbox"/> *Plant: prominence of white leaf marks	strong	medium to strong	strong	medium	strong	strong
<input checked="" type="checkbox"/> Plant: height	medium	tall	medium to tall	short to medium	medium	tall
<input type="checkbox"/> Plant: width	medium	medium	narrow to medium	medium	narrow to medium	medium
<input type="checkbox"/> Plant: growth habit	intermediate	intermediate	intermediate	intermediate	intermediate	intermediate
<input type="checkbox"/> Plant: number of inflorescences	medium to many	medium	medium	medium	medium	medium
<input type="checkbox"/> Inflorescence: diameter	medium	medium	medium to large	medium	medium to large	medium to large

Statistical Table

Organ/Plant Part: Context	'Altitude'	'Chieftain'	'Grasslands Chalice'	'Grasslands Huia'	'Grasslands Kopu II'	'Haifa'
<input checked="" type="checkbox"/> Stem: internode length of stolon(mm)						
Mean	33.75	28.67	22.08	29.67	36.67	22.98
Std. Deviation	10.15	8.72	6.70	8.75	11.46	8.29
Lsd/sig	4.60	P≤0.01	P≤0.01	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Plant: time of flowering (days from sowing)						
Mean	65.76	69.26	71.99	69.20	75.65	64.33
Std. Deviation	5.80	5.20	5.44	4.75	6.47	4.75
Lsd/sig	4.48	ns	P≤0.01	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: length of median leaflet(mm)						
Mean	34.03	27.17	30.58	27.17	37.92	25.25
Std. Deviation	6.18	6.33	5.47	5.22	7.03	6.63
Lsd/sig	4.52	P≤0.01	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Stem: thickness of stolon(mm)						
Mean	3.18	2.77	3.39	2.61	3.38	3.01
Std. Deviation	0.45	0.53	0.57	0.49	0.39	0.46
Lsd/sig	0.26	P≤0.01	ns	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Leaf: length of petiole(mm)						
Mean	104.33	104.39	125.50	145.25	148.75	96.17
Std. Deviation	41.02	40.37	43.33	47.72	45.32	47.91
Lsd/sig	42.87	ns	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf: thickness of petiole(mm)						
Mean	1.45	1.70	2.20	1.72	2.17	1.80
Std. Deviation	0.38	0.38	0.51	0.42	0.42	0.38
Lsd/sig	0.25	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: width of median leaflet(mm)						
Mean	26.60	22.92	23.42	22.25	29.42	18.83
Std. Deviation	4.96	4.69	4.23	4.67	5.87	5.14
Lsd/sig	3.62	ns	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf: size of median leaflet (leaflet length x leaflet width)(mm)						
Mean	931.90	645.83	737.50	635.00	1175.42	515.32

Std. Deviation	344.90	269.68	256.68	256.11	425.15	263.74
Lsd/sig	236.86	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaf: ratio of length to width of median leaflet						
Mean	1.31	1.19	1.32	1.24	1.29	1.35
Std. Deviation	8.66	0.15	0.19	0.14	0.16	0.19
Lsd/sig	0.10	P≤0.01	ns	ns	ns	ns
<input type="checkbox"/> Inflorescence: length of peduncle(mm)						
Mean	213.67	205.14	229.79	230.53	251.62	196.58
Std. Deviation	55.45	63.91	55.66	51.63	68.80	57.94
Lsd/sig	48.68	ns	ns	ns	ns	ns
<input checked="" type="checkbox"/> Inflorescence: thickness of peduncle(mm)						
Mean	2.26	2.23	2.48	2.16	2.64	2.52
Std. Deviation	0.43	0.49	0.46	0.38	0.38	0.43
Lsd/sig	0.27	ns	ns	ns	P≤0.01	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2009`	Granted	'Altitude'

Description: **Joy Lin**, Palmerston North, New Zealand.

Grants

Acacia cognata

BOWER WATTLE, RIVER WATTLE

‘DW1’^Φ

Application No: 2010/007

Applicant: **Treeplanters Nursery**

Certificate No: 4802 Expiry Date: 8 May, 2034.

Agent: **Greenhill's Propagation Nursery Pty Ltd**, Tynong, VIC.

Actinidia chinensis

KIWIFRUIT

‘X60’^Φ

Application No: 2007/103

Applicant: **Donald Alfred Skelton**

Certificate No: 4817 Expiry Date: 5 June, 2034.

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

Actinidia chinensis

KIWIFRUIT

‘Y118’^Φ

Application No: 2007/102

Applicant: **Donald Alfred Skelton**

Certificate No: 4816 Expiry Date: 5 June, 2034.

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

Argyranthemum frutescens

MARGUERITE DAISY

‘BONMADMERLO’^Φ

Application No: 2008/167

Applicant: **Bonza Botanicals Pty Ltd**

Certificate No: 4827 Expiry Date: 18 June, 2034.

Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

Argyranthemum frutescens

MARGUERITE DAISY

'BONMADWITIM'^ϕ

Application No: 2008/169

Applicant: **Bonza Botanicals Pty Ltd**

Certificate No: 4828 Expiry Date: 18 June, 2034.

Agent: **Oasis Horticulture Pty Limited**, Yellow Rock, NSW.

Calibrachoa hybrid

CALIBRACHOA

'Suncalho'^ϕ

Application No: 2011/288

Applicant: **Suntary Flowers Limited**

Certificate No: 4830 Expiry Date: 23 June, 2034.

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

Cannabis sativa

INDUSTRIAL HEMP

'Xulan'^ϕ **syn Frog One**^ϕ

Application No: 2008/058

Applicant: **Patrick Steven Calabria**

Certificate No: 4806 Expiry Date: 7 May, 2034.

Chamelaucium uncinatum

WAXFLOWER

'FlatwaxwhiteGL'^ϕ

Application No: 2010/178

Applicant: **George A Lullfitz**

Certificate No: 4822 Expiry Date: 11 June, 2034.

Citrus clementina x *sinensis*

MANDARIN

'Alkantara'^ϕ

Application No: 2007/243

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

Certificate No: 4808 Expiry Date: 19 May, 2039.

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

Citrus limon

LEMON

‘CPN1’^ϕ

Application No: 2002/292

Applicant: **John Marshall**

Certificate No: 4799 Expiry Date: 17 April, 2039.

Citrus reticulata x deliciosa

MANDARIN

‘Mandalate’^ϕ

Application No: 2007/244

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

Certificate No: 4812 Expiry Date: 21 May, 2039.

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

Fragaria x ananassa

STRAWBERRY

‘DrisStrawSeventeen’^ϕ

Application No: 2010/184

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

Certificate No: 4805 Expiry Date: 12 May, 2034.

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

Fragaria x ananassa

STRAWBERRY

‘Reliance’^ϕ

Application No: 2010/139

Applicant: **Plant Sciences Inc and Berry R&D Inc.**

Certificate No: 4803 Expiry Date: 30 April, 2034.

Agent: **Watermark Patent and Trademark Attorneys**, Hawthorn, VIC.

Glycine max

SOYBEAN

‘Bidgee’^ϕ

Application No: 2012/096

Applicant: **Commonwealth Scientific and Industrial Research Organisation, NSW Department of Primary Industries, Grains Research and Development Corporation**
Certificate No: 4811 Expiry Date: 22 May, 2034.

Glycine max

SOYBEAN

'Hayman'^ϕ

Application No: 2013/052

Applicant: **CSIRO, NSW Department of Primary Industries, GRDC**

Certificate No: 4810 Expiry Date: 22 May, 2034.

Glycine max

SOYBEAN

'Richmond'^ϕ

Application No: 2013/053

Applicant: **CSIRO, NSW Department of Primary Industries, GRDC**

Certificate No: 4809 Expiry Date: 22 May, 2034.

Lactuca sativa

LETTUCE

'WHALE'^ϕ

Application No: 2010/260

Applicant: **Nunhems B.V.**

Certificate No: 4820 Expiry Date: 10 June, 2034.

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

Magnolia grandiflora

SOUTHERN MAGNOLIA

'Southern Charm'^ϕ **syn Teddy Bear**^ϕ

Application No: 2007/162

Applicant: **Head Ornamentals Inc.**

Certificate No: 4800 Expiry Date: 5 May, 2039.

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

Malus domestica

APPLE

'Burkitt Gala'^ϕ syn Cherry Gala^ϕ

Application No: 2007/258

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

Certificate No: 4814 Expiry Date: 03 June 2039.

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

Malus domestica

APPLE

'Fugachee Fuji'^ϕ

Application No: 2007/257

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

Certificate No: 4813 Expiry Date: 03 June 2039.

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

Malus domestica

APPLE

'Fuji Supreme'^ϕ syn CABp Fuji^ϕ

Application No: 2007/307

Applicant: **CABP4 LIMITED**

Certificate No: 4815 Expiry Date: 2 June, 2039.

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

Mandevilla hybrid

MANDEVILLA

'Sunparavel'^ϕ

Application No: 2011/291

Applicant: **Suntory Flowers Limited**

Certificate No: 4831 Expiry Date: 23 June, 2034.

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

Ozothamnus diosmifolius

RICEFLOWER

'Royal Flush'^ϕ

Application No: 2010/055

Applicant: **E.G & E.R. Cook**
 Certificate No: 4819 Expiry Date: 6 June, 2034.

Ozothamnus diosmifolius

RICEFLOWER

'Springtime White'^ϕ

Application No: 2010/054
 Applicant: **E.G & E.R. Cook**
 Certificate No: 4818 Expiry Date: 6 June, 2034.

Pisum sativum

FIELD PEA

'SHIRAS'^ϕ

Application No: 2012/184
 Applicant: **Elsoms Seeds Ltd**
 Certificate No: 4798 Expiry Date: 17 April, 2034.
 Agent: **Lefroy Valley**, Seaford,, VIC.

Prunus cerasifera x *persica*

MYROBALAN X PEACH

'Kuban 86'^ϕ syn **Krymsk 86'**^ϕ

Application No: 2010/109
 Applicant: **Gennady Eremin**
 Certificate No: 4821 Expiry Date: 11 June, 2039.
 Agent: **Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

Prunus cerasus x *cerasus* x *maackii*

PRUNUS - INTERSPECIFIC PLUM

'LC-52'^ϕ syn **Krymsk 6'**^ϕ

Application No: 2010/113
 Applicant: **Gennady Eremin**
 Certificate No: 4826 Expiry Date: 12 June, 2039.
 Agent: **Australian Nurserymen's Fruit Improvement Company (ANFIC) Ltd**, Kallangur, QLD.

Prunus fruticosa x lannesiana

PRUNUS - INTERSPECIFIC PLUM

‘VSL 2’^ϕ syn Krymsk 5^ϕ

Application No: 2010/110

Applicant: **Gennady Eremin**

Certificate No: 4824 Expiry Date: 12 June, 2039.

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

Prunus persica var nucipersica

NECTARINE

‘Pacific Sugarine’^ϕ

Application No: 2012/013

Applicant: **Lowell G. Bradford**

Certificate No: 4823 Expiry Date: 11 June, 2039.

Agent: **Buchanan's Nursery**, HODGSON VALE, QLD.

Prunus tomentosa x cerasifera

NANKING CHERRY X MYROBOLAN PLUM

‘VVA-1’^ϕ syn Krymsk 1^ϕ

Application No: 2010/112

Applicant: **Gennady Eremin**

Certificate No: 4825 Expiry Date: 12 June, 2039.

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

Ricinocarpos cyanescens

COASTAL WEDDING BUSH

‘Little Bride’^ϕ

Application No: 2011/305

Applicant: **George A Lullfitz**

Certificate No: 4807 Expiry Date: 19 May, 2034.

Rosa hybrid

ROSE

‘NOA97400A’^ϕ

Application No: 2008/051

Applicant: **Reinhard Noack**

Certificate No: 4801 Expiry Date: 9 May, 2034.
Agent: **Flower Carpet Pty Ltd**, SILVAN, VIC.

Rubus ideaus

RASPBERRY

'MOUTERE'^ϕ

Application No: 2010/046

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

Certificate No: 4804 Expiry Date: 1 May, 2034.

Agent: **A J Park**, Canberra, ACT.

Vicia faba

FIELD BEAN

'PBA Rana'^ϕ *syn* **Rana**^ϕ

Application No: 2011/047

Applicant: **Adelaide Research & Innovation Pty Ltd, Grains Research & Development Corporation**

Certificate No: 4829 Expiry Date: 23 June, 2034.

Agent: **Adelaide Research & Innovation Pty Ltd**, Adelaide, SA.

Denomination Changed

Application No.	<i>Genus</i>	<i>Species</i>	Common Name	Changed From	Changed To
2013/107	<i>Trifolium</i>	micelianum	Balansa Clover	B35/99/08	Vista
2013/204	<i>Vicia</i>	faba	Field Bean	AF05069-2	PBA Samira

Synonym Changed

App. No.	Genus	Species	Variety	Common Name	Synonym Changed From	Synonym Changed To
2013/204	<i>Vicia</i>	<i>faba</i>	PBA Samira	Field Bean		Samira

Change/Nomination of Agent

App. No.	Genus	Species	Variety	Changed From	Changed To
1998/138	<i>Triticum</i>	<i>aestivum</i>	Camm		Intergrain Pty Ltd
2013/190	<i>Tibouchina</i>	<i>hybrid (organensis x mutabilis)</i>	Allure	Plants Management Australia Pty Ltd	
2013/125	<i>Tibouchina</i>	<i>x mutabilis</i>	Illusion	Plants Management Australia Pty Ltd	
2001/081	<i>Rhododendron</i>	<i>simsii</i>	Christine Matton	Futura Promotions Pty Ltd	Azalea grove Nursery Pty Ltd
2012/303	<i>Agonis</i>	<i>flexuosa</i>	Pink Flamingo		Touch of Class Plants Pty Ltd
2007/007	<i>Hebe</i>	<i>hybrid</i>	Pretty 'n' Pink		Touch of Class Plants Pty Ltd
2006/210	<i>Lomandra</i>	<i>concertifolia subsp. Rubiginosa</i>	Seascape		Touch of Class Plants Pty Ltd
2012/302	<i>Pittosporum</i>	<i>tenuifolium</i>	HI01		Touch of Class Plants Pty Ltd
1999/122	<i>Pittosporum</i>	<i>tenuifolium</i>	Golden Sheen		Touch of Class Plants Pty Ltd
2009/085	<i>Syzygium</i>	<i>australe</i>	Redlil		Touch of Class Plants Pty Ltd
2011/011	<i>Ficus</i>	<i>obliqua</i>	FFV1		Touch of Class Plants Pty Ltd
2008/254	<i>Dodonaea</i>	<i>viscosa</i>	Hip Hop	Mansfields Propagation Nursery	Ozbreed Pty Ltd

Change of Applicant's Name

App. No.	Genus	Species	Variety	Common Name	Changed From	Changed To
2012/303	<i>Agonis</i>	<i>flexuosa</i>	Pink Flamingo	Willow Myrtle	Robert Harrison	REH Superannuation Pty Ltd
2007/007	<i>Hebe</i>	hybrid	Pretty 'n' Pink	Hebe	Robert Harrison	REH Superannuation Pty Ltd
2006/210	<i>Lomandra</i>	<i>confertifolia</i> subsp. <i>Rubiginosa</i>	Seascape	Matt rush	Robert Harrison	REH Superannuation Pty Ltd
2012/302	<i>Pittosporum</i>	<i>tenuifolium</i>	HI01	<i>Pittosporum</i>	Robert Harrison	REH Superannuation Pty Ltd
1999/122	<i>Pittosporum</i>	<i>tenuifolium</i>	Golden Sheen	<i>Pittosporum</i>	Robert Harrison	REH Superannuation Pty Ltd
2009/085	<i>Syzygium</i>	<i>australe</i>	Redlil	Lilly Pilly	Agbiz Holdings Pty Ltd, Greenhills Propagation Nursery Pty Ltd	Agbiz Holdings Pty Ltd, REH Superannuation Pty Ltd
2011/011	<i>Ficus</i>	<i>obliqua</i>	FFV1	Small Leaved Fig	Agbiz Holdings Pty Ltd, R.J. Jackson, B.E. Jackson	Agbiz Holdings Pty Ltd, REH Superannuation Pty Ltd, B.E. Jackson
2010/325	<i>Cordyline</i>	hybrid	Roma 06	Cordyline	Malcolm Woolmore	Malcolm Woolmore, REH Superannuation Pty Ltd

WITHDRAWN

The following varieties are no longer under PBR provisional protection

App. No.	Genus	Species	Common Name	Variety
2011/304	<i>Pennisetum</i>	<i>advena</i>	Fountain Grass	MFGS01
2011/323	<i>Salvia</i>	<i>greggii</i>	Sage	Miss Scarlet
2011/324	<i>Iberis</i>	hybrid	Evergreen Candytuft	<i>Masterpiece</i>
2010/146	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Koncajoli
2013/167	<i>Lactuca</i>	<i>sativa</i>	Lettuce	Klee
1997/179	<i>Lolium</i>	<i>perenne</i>	Perennial Ryegrass	Fitzroy
2005/203	<i>Anthurium</i>	<i>andraeanum</i>	Flamingo Flower	RIJN200042
2005/204	<i>Anthurium</i>	<i>andraeanum</i>	Flamingo Flower	True Love
2012/249	<i>Crocea</i>	<i>saligna</i>	Wax flower	Starlet
2013/070	<i>Daucus</i>	<i>carota</i>	Carrot	Allyance

Grants Surrendered

App. No.	Genus	Species	Variety	Synonym	Common Name
2000/080	<i>Gaura</i>	<i>lindheimeri</i>	Blushing Butterflies		Gaura
2004/326	<i>Triticum</i>	<i>aestivum</i>	GBA Hunter		Wheat
2004/257	<i>Bracteantha</i>	<i>bracteata</i>	Flobrabri		Everlasting Daisy
2011/315	<i>Baloskion</i>	<i>tetraphyllum</i>	BUNNAN		Tassel Cord Rush
2002/071	<i>Rosa</i>	hybrid	Ausjake		Rose
2000/109	<i>Rosa</i>	hybrid	AUSJOLLY		Rose
2001/230	<i>xTriticosecale</i>		Crackerjack		Triticale
2004/198	<i>Lolium</i>	<i>multiflorum</i>	LWD 699	Griffin	Italian Ryegrass
1995/232	<i>Lolium</i>	<i>perenne</i>	BRONSYN		Perennial Ryegrass
1993/237	<i>Medicago</i>	<i>sativa</i>	Aquarius		Lucerne
2003/014	<i>Euphorbia</i>	<i>pulcherrima</i>	Fislemon	Fispoin 6935	Poinsettia
2005/040	<i>Euphorbia</i>	<i>pulcherrima</i>	Fismarble Silver		Poinsettia
2011/006	<i>Rosa</i>	hybrid	GRA6P8213		Rose
2010/272	<i>Rosa</i>	hybrid	<i>Grandcrebru</i>		Rosa
2001/144	<i>Rosa</i>	hybrid	Ausecret		Rose
2008/363	<i>Agonis</i>	<i>flexuosa</i>	<i>Midnight Shadow</i>		Willow Myrtle
2010/130	<i>Rosa</i>	hybrid	AUSGLADE		Rose
1993/162	<i>Festuca</i>	<i>arundinacea</i>	GRASSLANDS ADVANCE		Tall Fescue
1993/148	<i>Lolium</i>	<i>multiflorum</i>	NOBLE		Italian Ryegrass
1995/117	<i>Rosa</i>	hybrid	PREBIAN	BIANCA	Rose
2007/118	<i>Alstroemeria</i>	hybrid	Zalsalan	Avalange	Peruvian Lily
1996/097	<i>Triticum</i>	<i>aestivum</i>	<i>Goldmark</i>		Wheat
2003/175	<i>Pisum</i>	<i>sativum</i>	Sturt		Field Pea
2008/324	<i>Metrosideros</i>	<i>collina</i>	<i>Crimson Glory</i>		Christmas Bush
1994/147	<i>Schlumbergera</i>	<i>truncata</i>	Aspen		Christmas Cactus
2004/062	<i>Prunus</i>	<i>armeniaca</i>	<i>Cluthafire</i>		Apricot
2004/063	<i>Prunus</i>	<i>armeniaca</i>	Mascot		Apricot
1989/013	<i>Malus</i>	<i>domestica</i>	JONAGORED		Apple
1995/214	<i>Alstroemeria</i>	hybrid	STASACH	SACHA	Peruvian Lily
2005/280	<i>Alstroemeria</i>	hybrid	Zalsanem	Nemo	Peruvian Lily
2005/281	<i>Alstroemeria</i>	hybrid	Zalsamot	Emotion	Peruvian Lily
1996/242	<i>Rosa</i>	hybrid	MEILMERA	BRIDAL SUNBLAZE	Rose
1999/215	<i>Lechenaultia</i>	hybrid	Kings Park Spirit of Suffrage		Lechenaultia
2001/285	<i>Codiaeum</i>	<i>variegatum</i>	Congo		Variegated Croton

Grants Expired

The following varieties are no longer under PBR protection:

App. No.	Genus	Species	Common Name	Variety
1992/186	<i>Hardenbergia</i>	<i>violacea</i>	False Sarsparilla	FREE 'N' EASY
1993/007	Euphorbia	milii	Crown of Thorns	STIBIA
1992/109	Lolium	perenne	Perennial Ryegrass	BOOMER
1993/006	Rosa	hybrid	Rose	KORWILMA
1993/005	Rosa	<i>hybrid</i>	Rose	JACIENT
1993/004	<i>Rosa</i>	<i>hybrid</i>	Rose	CATHERINE MCAULEY
1992/165	<i>Vigna</i>	<i>radiata</i>	Mung Bean	EMERALD
1992/169	<i>Vigna</i>	<i>unquiculata</i>	Cowpea	BIG BUFF

Transfer of Rights

App. No.	<i>Genus</i>	<i>Species</i>	Variety	Common Name	Changed From	Changed To
2003/171	<i>Triticum</i>	<i>aestivum</i>	GBA Ruby	wheat	Grain Biotech Australia Pty Ltd	Council of Grain Grower Organisations Limited
2003/172	<i>Triticum</i>	<i>aestivum</i>	GBA Sapphire	Wheat	Grain Biotech Australia Pty Ltd	Council of Grain Grower Organisations Limited

CORRIGENDA**Application No: 2010/260**

Lettuce

Lactuca sativa

The description of this variety published in Plant Varieties Journal Vol. 26 issue 1 (Page: 162 and 165), has been replaced by the following

Details of Comparative Trial**Overseas Testing Authority** Naktuinbouw, NL**Prior Applications and Sales**

Country	Year	Current Status	Name Applied
EU	2008	Withdrawn	'Whale'

Application No: 2010/110

Prunus – Interspecific Plum

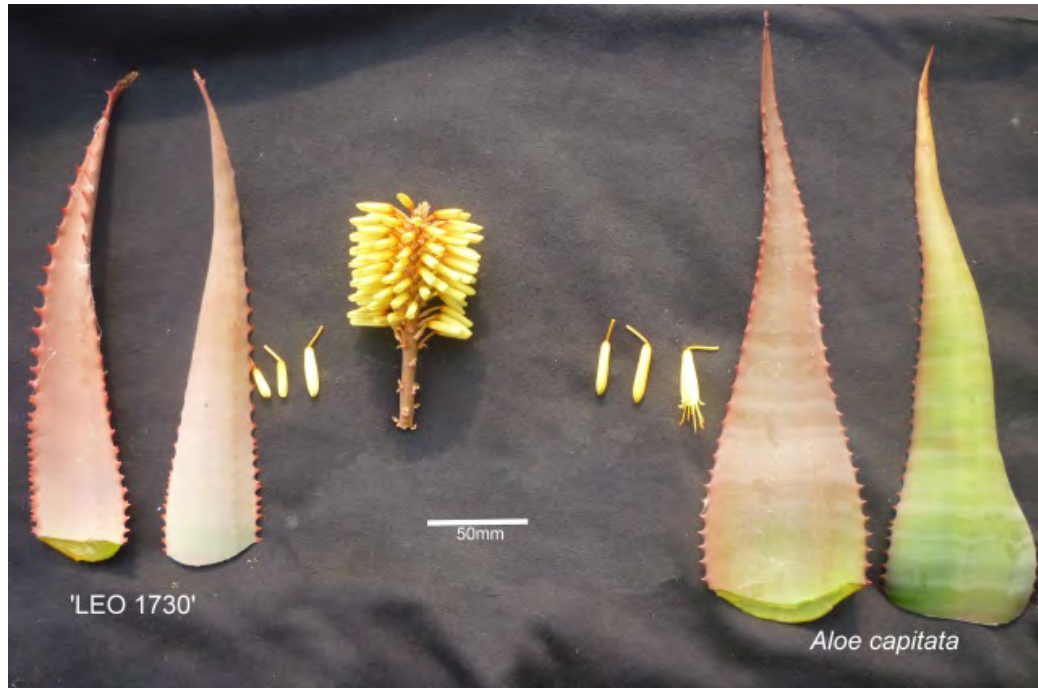
Prunus fruticosa x lannesiana

The breeding method of this variety published in PVJ 26.3 p247 should be controlled pollination instead of open pollination.

ALOE

Aloe hybrid**'LEO 1730'****Application No: 2008/353**

In the description of this variety published in PVJ 25.3 pg. 44 the photograph is incorrect and should be replaced by the following photograph with the same caption.



Aloe - 'LEO 1730' (left) and its comparator Aloe capitata (right) showing difference in leaf width.



Australian Government

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 Australia
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Official Notice

Declaration of the days from 5 June 2014, until 1 January 2015, when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office are taken not to be open for business

The close-down provisions in the Designs, Olympic Insignia protection, Patents, Plant Breeder's Rights and Trade Marks legislation provide for the effect of Designs Office, the Patent Office, the PBR Office and the Trade Marks Office not being open for business.

On 6 May 2014, the Director General of IP Australia declared under the close-down provisions the days when the Canberra offices will not be open for business. A copy of the declaration is attached.

The Canberra offices will not be open for business on the following days in the period **5 June 2014 to 1 January 2015**.

All the Canberra offices:

All Saturdays and Sundays in the period

The Canberra office

Monday, 9 June 2014	Queen's Birthday Holiday
Monday, 29 September 2014	Family & Community Day
Monday, 6 October 2014	Labour Day
Thursday, 25 December 2014 to Thursday, 1 January 2015	Christmas Close Down

For more information on the effect of the close-down provisions, please see the Official Notices of 23 March 2007 titled *Intellectual Property Legislation Amendment Regulations 2007 (No. 1)* and *The new close-down provisions in the trade marks legislation* available on IP Australia's website through the page www.ipaustralia.gov.au/resources/officialnotices.shtml.

Contact: IP Australia
Phone: 1300 651 010
Web: www.ipaustralia.gov.au

Director General of IP Australia


Declaration of the days when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office are taken not to be open for business

Note: This declaration supersedes the version of December 2013.

With effect from 5 June 2014, section 136A of the *Designs Act 2003*, section 14A of the *Olympic Insignia Protection Act 1987*, section 222A of the *Patents Act 1990*, section 76A of the *Plant Breeder's Rights Act 1994* and section 223A of the *Trade Marks Act 1995* provide for the effect of the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office ('the Offices') not being open for business.

The Director General of IP Australia ('Director General') is the person prescribed under paragraph 2(b) of each of those sections. This means that the Director General can declare in writing a day or days on which the Offices are taken not to be open for business for the purposes of those sections. Paragraph (4) (a) of each of those sections provides that such a declaration may be made before, on or after the day on which the Offices are taken to be not open for business.

I, Patricia Margaret Kelly, as the person currently employed as the Director General of IP Australia, declare the days in the period 5 June 2014 to 1 January 2015, when the Offices are taken not to be open for business for the purpose of the sections mentioned above, as specified in the attached Schedule, Part 1.



Director General of IP Australia
6 May 2014

Part 3 Appendices

The appendices to *Plant Varieties Journal* (**Vol. 27 Issue 2**) 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 the *Plant Breeder's Rights Act 1994*)

- **Chair** - Mr Doug Waterhouse – Chief of Plant Breeder's Rights
- **Member with Appropriate Qualifications** - Professor Andrew Christie
- **Member Representing Users** - Ms Helen Dalton
- **Member Representing Conservation Interests** - Ms Marnie Ireland
- **Member Representing Consumers** - Mr Mark McKay
- **Member Representing Plant Breeders** - Mr Christopher Prescott
- **Member Representing Plant Breeders** - Mr Grant Wilson
- **Member with Appropriate Qualifications** - Dr Roslyn Prinsley
- **Member Representing Indigenous Interests** - Appointment process currently underway

For more information on PBRAC members <http://www.ipaustralia.gov.au/about-us/regulatory-and-advisory-bodies/pbrac/pbrac-members/>

APPENDIX 3 - INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

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

A guide to the use of the index of consultants:

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

TABLE 1

PLANT GROUP/SPECIES/FAMILY	CONSULTANT'S NAME (TELEPHONE AND AREA IN TABLE 2)
Actinidia	Lye, Colin Paananen, Ian
Agapanthus	Paananen, Ian
Almonds	Cottrell, Matthew Pettigrew, Stuart Swinburn, Garth
Alstroemeria	Paananen, Ian
Ajuga	Paananen, Ian
Apple	Buchanan, Peter Cramond, Gregory Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Mitchell, Leslie Paananen, Ian Pettigrew, Stuart Tancred, Stephen
Anigozanthos	Paananen, Ian Kirby, Greg Smith, Daniel

Anthurium	Paananen, Ian
Aroid	Harrison, Peter
Avocado	Chislett, Susan Cottrell, Matthew Lye, Colin Edwards, Arthur MacGregor, Alison Owen-Turner, John Parr, Wayne Swinburn, Garth Whiley, Tony
Azalea	Hempel, Maciej Paananen, Ian
Barley (Common)	Collins, David Downes, Ross Rhodes, Phil Saunders, James
Berry Fruit	Brevis-Acuna, Patricio Fleming, Graham Pettigrew, Stuart Zorin, Margaret
Blackberry	Brevis-Acuna, Patricio Paananen, Ian
Blandfordia	Treverrow, Florence
Blueberry	Brevis-Acuna, Patricio Paananen, Ian Scalzo, Jessica Zorin, Margaret
Bougainvillea	Iredell, Janet Willa Prince, John
Brachyscome	Paananen, Ian
Brassica	Cooper, Kath Downes, Ross Easton, Andrew Fennell, John Gororo, Nelson O'Connell Peter Rhodes, Phil Saunders, James Watson, Brigid
Brunia	Dunstone, Bob
Buddleia	Robb, John Paananen, Ian

Buffalo Grass	Paananen, Ian
Calibrachoa	Paananen, Ian
Callistemon	Parsons, Rodney
Camellia	Paananen, Ian Robb, John
Cannabis (low THC varieties only and subject to holding a current licence from the appropriate authority)	Warner, Philip
Carnation/Dianthus	Paananen, Ian
Cereals	Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Downes, Ross Fennell, John Hare, Raymond Harrison, Peter Henry, Robert J Madsen, Dean Mitchell, Leslie Moore, Stephen Oates, John Rhodes, Phil Roake, Jeremy Rose, John Saunders, James Siedel, John Watson, Brigid
Cherry	Cramond, Gregory Fleming, Graham Mackay, Alastair Mitchell, Leslie
Chickpeas	Downes, Ross Collins, David Goulden, David Rhodes, Phil Saunders, James
Chrysanthemum	Paananen, Ian

Citrus	Calabria, Patrick Chislett, Susan Cottrell, Matthew Edwards, Arthur Lee, Slade MacGregor, Alison Mitchell, Leslie Owen-Turner, John Parr, Wayne Pettigrew, Stuart Strange, Pamela Swinburn, Garth Topp, Bruce
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Clivia	Smith, Kenneth
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Clover	Downes, Ross James, Jennifer Lake, Andrew Lin, Joy Mitchell, Leslie Rhodes, Phil Saunders, James Watson, Brigid
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Cucurbits	Herrington, Mark O'Connell Peter Paananen, Ian Rhodes, Phil
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Dianella	Paananen, Ian
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Dogwood	Fleming, Graham
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Echinacea	Paananen, Ian
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Eremophila	Parsons, Rodney
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Eucalyptus	Paananen, Ian
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Euphorbia	Paananen, Ian
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Feijoa	Parr, Wayne
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Fibre Crops	Gillespie, David
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Fig	Cottrell, Matthew Fleming, Graham Parr, Wayne
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Flower Bulbs	
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Forage Brassicas	Goulden, David Rhodes, Phil Saunders, James
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Forage Grasses	Downes, Ross Fennell, John Harrison, Peter Kirby, Greg Mitchell, Leslie Rhodes, Phil Watson, Brigid
Forage Legumes	Downes, Ross Fennell, John Harrison, Peter Hill, Jeff James, Jennifer Lake, Andrew Lin, Joy Rhodes, Phil Saunders, James Siedel, John
Fruit	Brown, Gordon Chislett, Susan Cramond, Gregory Cottrell, Matthew Delaporte, Kate Fleming, Graham Gillespie, David Lenoir, Roland Mitchell, Leslie Paananen, Ian Parr, Wayne Pettigrew, Stuart Trimboli, Dan
Fuchsia	Paananen, Ian
Gerbera	Paananen, Ian
Ginger	Smith, Mike Whiley, Tony
Grape	Cottrell, Matthew Delaporte, Kate Fleming, Graham Hashim-Maguire, Jennifer Lye, Colin MacGregor, Alison Mitchell, Leslie Paananen, Ian Parr, Wayne Pettigrew, Stuart Smith, Daniel Strange, Pamela Swinburn, Garth Zorin, Margaret
Grevillea	Dunstone, Bob Herrington, Mark Paananen, Ian Parsons, Rodney

Gypsophila	Paananen, Ian
Hardenbergia	Dunstone, Bob
Hops	Paananen, Ian
Hydrangea	Hanger, Brian Paananen, Ian
Impatiens	Paananen, Ian
Jojoba	Dunstone, Bob
Kalanchoe	Paananen, Ian
Lavender	Paananen, Ian
Legumes	Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Harrison, Peter Kirby, Greg Lake, Andrew Loch, Don Mitchell, Leslie Rhodes, Phil Rose, John Saunders, James Siedel, John
Lentils	Collins, David Downes, Ross Goulden, David Rhodes, Phil Saunders, James
Leucaena	Roche, Matthew
Lilium	Paananen, Ian
Liriope	Paananen, Ian
Lettuce	O'Connell, Peter
Lomandra	Paananen, Ian
Lucerne	Downes, Ross Lake, Andrew Mitchell, Leslie Rhodes, Phil Saunders, James
Lupin	Collins, David Rhodes, Phil Saunders, James
Macadamia	Hockings, David

Magnolia	Paananen, Ian
Mandevilla	Paananen, Ian
Mango	Lye, Colin Owen-Turner, John Mitchell, Leslie Parr, Wayne Whiley, Tony
Mushrooms, edible	Wong, Percy
Myrtaceae	Dunstone, Bob
Myrtus	Buchanan, Peter
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Collins, David Downes, Ross Madsen, Dean Rhodes, Phil Saunders, James
Oilseed crops	Downes, Ross Madsen, Dean Oates, John Siedel, John Rhodes, Phil Saunders, James
Olives	Lunghusen, Mark Pettigrew, Stuart
Onions	Fennell, John O'Connell Peter Rhodes, Phil

Ornamentals - Exotic

Abell, Peter
 Armitage, Paul
 Angus, Tim
 Collins, Ian
 Delaporte, Kate
 Eggleton, Steve
 Fisk, Anne Marie
 Fleming, Graham
 Guy, Gareme
 Harrison, Dion
 Harrison, Peter
 Hempel, Maciej
 Hockings, David
 Lenoir, Roland
 Loch, Don
 Lunghusen, Mark
 Mackinnon, Amanda
 Mitchell, Hamish
 Mitchell, Leslie
 Oates, John
 O'Brien, Shaun
 Paananen, Ian
 Prescott, Chris
 Prince, John
 Robb, John
 Singh, Deo
 Stewart, Angus
 Watkins, Phillip

 Ornamentals - Indigenous

Abell, Peter
 Angus, Tim
 Delaporte, Kate
 Downes, Ross
 Eggleton, Steve
 Harrison, Dion
 Harrison, Peter
 Henry, Robert J
 Hockings, David
 Jack, Brian
 Kirby, Greg
 Lee, Slade
 Lenoir, Roland
 Loch, Don
 Lowe, Greg
 Lunghusen, Mark
 Mackinnon, Amanda
 Mitchell, Hamish
 Molyneux, W M
 Oates, John
 O'Brien, Shaun
 Paananen, Ian
 Prince, John
 Singh, Deo
 Slater, Tony
 Watkins, Phillip

Osmanthus	Paananen, Ian Robb, John
Osteospermum	Paananen, Ian
Pastures & Turf	Cameron, Stephen Cook, Bruce Downes, Ross Fennell, John Harrison, Peter Kirby, Greg James, Jennifer Lin, Joy Loch, Don Madsen, Dean McMaugh, Peter Mitchell, Leslie Oates, John Paananen, Ian Rhodes, Phil Roche, Matthew Rose, John Saunders, James Sewell, James Smith, Raymond Zorin, Margaret
Peanut	Cruickshank, Alan
Pear	Cramond, Gregory Fleming, Graham Langford, Garry Mackay, Alastair Malone, Michael Paananen, Ian Tancred, Stephen
Pelargonium	Paananen, Ian
Persimmon	Parr, Wayne Swinburn, Garth
Petunia	Paananen, Ian
Philodendron	Paananen, Ian
Philotheca	Dunstone, Bob
Phormium	Paananen, Ian
Photinia	Robb, John
Pistacia	Chislett, Susan Cottrell, Matthew Pettigrew, Stuart Richardson, Clive

Pisum	Downes, Ross Goulden, David Rhodes, Phil Saunders, James
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Pomegranate	Paananen, Ian Pettigrew, Stuart
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Potatoes	Delaporte, Kate Fennell, John Friemond, Terry Hill, Jim McKay, Stewart O'Connell Peter Rhodes, Phil Saunders, James Slater, Tony Wharmby, Emma
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Proteaceae	Paananen, Ian Robb, John
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Prunus	Buchanan, Peter Calabria, Patrick Cottrell, Matthew Cramond, Gregory Fleming, Graham Mackay, Alastair Malone, Michael Topp, Bruce Witherspoon, Jennifer
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Pulse Crops	Collins, David Downes, Ross Oates, John Rhodes, Phil Saunders, James
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Raspberry	Brevis-Acuna, Patricio Fleming, Graham Herrington, Mark Zorin, Margaret
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Rhododendron	Paananen, Ian
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Rose	Delaporte, Kate Fleming, Graham Hanger, Brian Lee, Peter McKirdy, Simon Paananen, Ian Prescott, Chris Swane, Geoff Syrus, A Kim
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Scaevola	Paananen, Ian
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Sesame	Harrison, Peter
Soybean	Harrison, Peter James, Andrew
Spathiphyllum	Paananen, Ian
Stone Fruit	Chislett, Susan Cottrell, Matthew Cramond, Gregory Fleming, Graham MacGregor, Alison Mackay, Alistair Malone, Michael Pettigrew, Stuart Swinburn, Garth
Strawberry	Brevis-Acuna, Patricio Herrington, Mark Mitchell, Leslie Zorin, Margaret
Sugarcane	Cox, Mike Piperidis, George
Tomato	Herrington, Mark O'Connell Peter Rhodes, Phil
Tree Crops	Hockings, David
	Downes, Ross Collins, David Cooper, Kath Rhodes, Phil Saunders, James
Tropical/Sub-Tropical Crops	Fittler, Michael Harrison, Peter Hockings, David Parr, Wayne Whiley, Tony
Umbrella Tree	Paananen, Ian

Vegetables	Delaporte, Kate Fennell, John Frkovic, Edward Harrison, Peter Gillespie, David Lenoir, Roland MacGregor, Alison Morley, Ken Oates, John Pearson, Craig Pettigrew, Stuart Rhodes, Phil Trimboli, Dan Westra Van Holthe, Jan
Verbena	Paananen, Ian
Walnut	Cottrell, Matthew Mitchell, Leslie
Wheat (Aestivum & Durum Groups)	Collins, David Downes, Ross Fittler, Michael Rhodes, Phil Saunders, James
Zantedeschia	Paananen, Ian

TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
Abell, Peter	0438 392 837 mobile	Australia
Angus, Tim	(64 4) 568 3878 ph/fax 001164211871076 mobile tim.angus@ymail.com	Australia and New Zealand
Armitage, Paul	03 9756 7233 03 9756 6948 fax	Victoria
Brevis-Acuna, Patricio	0400 446 588 mobile	Yarra Valley/Melbourne area, Victoria
Brown, Gordon	03 6239 6411 03 6239 6711 fax	Tasmania
Buchanan, Peter	07 4615 2182 07 4615 2183 fax	Eastern Australia
Calabria, Patrick	02 6963 6360 0438 636 219 mobile	Riverina area of NSW
Chislett, Susan	03 5038 8238 03 5038 8213 fax 0417 344 745 mobile	Murray Valley Region, Southern Australia
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheat belt of Western Australia
Cooper, Kath	08 8339 3049 0429 191 848 mobile	South Australia
Cottrell, Matthew	03 5024 8603 0438 594010 mobile	Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia
Cruickshank, Alan	07 4160 0722 07 4162 3238 fax	QLD
Delaporte, Kate	08 8373 2488 08 8373 2442 fax 0427 394 240 mobile	South Australia
Downes, Ross	02 4474 0456 ph 02 4474 0476 fax 0402472601 mobile	ACT, South East Australia
Dunstone, Bob	02 6281 1754 ph/fax	South East NSW
Easton, Andrew	07 4690 2666 07 4630 1063 fax	QLD and NSW
Edwards, Arthur	08 8586 1232 08 8595 1394 fax 0409 609 300 mobile	SE Australia
Eggleton, Steve	03 9876 1097 03 9876 1696 fax	Melbourne Region
Fennell, John	08 8369 8840 08 8389 8899 fax 0401 121 891 mobile	Australia
Fittler, Michael	02 6773 2522 02 6773 3238	NSW
Fleming, Graham	03 9756 6105 03 9752 0005 fax	Australia
Friemond, Terry	08 9203 6720 08 9203 6720 fax 0438 915 811 mobile	Western Australia

Frkovic, Edward	02 6962 7333	Australia
Gillespie, David	02 6964 1311 fax 07 4155 6344 07 4155 6656 fax	Wide Bay Burnett District, QLD
Gororo, Nelson	03 5382 5911 03 5382 5755 fax 0428 534 770 mobile	Mediterranean areas of Australia
Goulden, David	64 3 325 6400 64 3 325 2074 fax	New Zealand
Hanger, Brian	03 9837 5547 ph/fax 0418 598106 mobile	Victoria
Hare, Ray	02 6763 1232 02 6763 1222 fax	QLD, NSW VIC & SA
Harrison, Dion	07 5460 1313 07 5460 1283 fax	south east QLD and northern NSW
Harrison, Peter	08 8948 1894 ph 08 8948 3894 fax 0407 034 083 mobile	Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas
Hashim-Maguire, Jennifer	0499 499 089 mobile	VIC, SA, WA, NSW, QLD
Hempel, Maciej	02 4628 0376 02 4625 2293 fax	NSW, QLD, VIC, SA
Henry, Robert J	02 6620 3010 02 6622 2080 fax	Australia
Herrington, Mark	07 5441 2211 07 5441 2235 fax	Southern Queensland
Hill, Jeff	08 8303 9487 08 8303 9607 fax	South Australia
Hill, Jim	03 6428 2519 03 6428 2049 fax 0428 262 765 mobile	Australia
Hockings, David	07 5494 3385 ph/fax	Southern Queensland
Iredell, Janet Willa	07 3202 6351 ph/fax	SE Queensland
Jack, Brian	08 9952 5040 08 9952 5053 fax	South West WA
James, Andrew	07 3214 2278 07 3214 2272 fax	Australia
James, Jennifer	+64 6 3518214	Manawatu Region, New Zealand
Kirby, Greg	08 8201 2176 08 8201 3015 fax	South Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Lee, Peter	03 6330 1147 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
Lin, Joy	64 6351 8214	New Zealand
Loch, Don	07 38245440 07 38245445 fax lochd@bigpond.com	Queensland
Lunghusen, Mark	03 5998 2083 03 5998 2089fax 0407 050 133 mobile	Melbourne & environs

Lye, Colin	07 4671 0044 07 4671 0066 fax 0427 786 668 mobile	NT, QLD and NSW
MacGregor, Alison	03 5023 4644 0419 229 713 mobile	Southern Australia – Murray Valley Region
Mackay, Alastair	08 9310 5342 ph/fax 0159 87221 mobile	Western Australia
Mackinnon, Amanda	03 6265 9050 03 6265 9919 fax	Australia
Madsen, Dean	02 6025 4817 0429 023 766 mobile	Southern NSW, Victoria and Tasmania
McMaugh, Peter	02 9872 7833 02 9872 7855 fax	Australia
Malone, Michael	+64 6 877 8196 +64 6 877 4761 fax	New Zealand
McKay, Stewart	03 6428 2519 0438 247 978	North West Tasmania
McKirdy, Simon	042 163 8229 mobile	Australia
Mitchell, Hamish	03 9737 9568 03 9737 9899 fax	Victoria
Mitchell, Leslie	03 5821 2021 03 5831 1592 fax	VIC, Southern NSW
Molyneux, William	03 5965 2011 03 5965 2033 fax	Victoria
Moore, Stephen	02 6799 2230 02 6799 2239 fax	NSW
Morley, Ken	08 8541 2802 08 8541 3108 fax 0429 081 318	South Australia
Oates, John	02 6495 0712 0427 277 951 mobile	Eastern Australia
O'Brien, Shaun	07 5442 3055 07 5442 3044 fax 0407 584 417 mobile	SE Queensland
O'Connell, Peter	02 9403 0787 02 9402 6664 fax 0488 233 704 mobile	VIC, NSW, QLD
Owen-Turner, John	07 4129 5217 07 4129 5511 fax	Burnett region, Central Queensland region
Paananen, Ian	02 4381 0051 02 8569 1896 fax 0412 826 589 mobile	Australia (based in Sydney) and New Zealand
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Pettigrew, Stuart	08 8431 0689 0429 936 812	South eastern Australia and southern Western Australia
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD
Quinn, Patrick	03 5427 0485	SE Australia
Richardson, Clive	03 51550255	Victoria
Rhodes, Phil	64 3322 5405 0211 862 422 mobile phil@epr.co.nz	New Zealand

Roake, Jeremy	02 9351 8830	Sydney Region
	02 9351 8875 fax	
Roche, Matthew	0412 197 218 mobile	Queensland
Robb, John	02 4376 1330	Sydney, Central Coast NSW
	02 4376 1271 fax	
	0199 19252 mobile	
Rose, John	07 4661 2944	SE Queensland
	07 4661 5257 fax	
Saunders, James	03 8318 9016	Australia
	03 8318 9002 fax	
	0408 037 801 mobile	
Sewell, James	03 5334 7871	Southern Australia
	0403 546 811 mobile	
Scalzo, Jessica	+64 6975 8908	New Zealand and Australia
	2122 689 08 mobile	
Singh, Deo	0418 880787 mobile	Brisbane
	07 3207 5998 fax	
Slater, Tony	03 9210 9222	SE Australia
	03 9800 3521 fax	
	0408 656 021 mobile	
Smith, Kenneth	02 4570 9069	Australia
Smith, Mike	07 5444 9630	SE Queensland
Smith, Stuart	03 6336 5234	SE Australia
	03 6334 4961 fax	
Strange, Pamela	03 5024 8204	SE Australia
	0427539441 mobile	
Swane, Geoff	02 6889 1545	Central western NSW
	02 6889 2533 fax	
	0419 841580 mobile	
Swinburn, Garth	03 5023 4644	Murray Valley Region - from
	03 5023 5814 fax	Swan Hill (Vic) to Waikere (SA)
Syrus, A Kim	03 8556 2555	Adelaide
	03 8556 2955 fax	
Tancred, Stephen	07 4681 2931	QLD, NSW
	07 4681 4274 fax	
	0157 62888 mobile	
Treverrow, Florence	02 6629 3359	Australia
Trimboli, Dan	02 6882 6433	Southern Australia
	0419 286376 mobile	
Topp, Bruce	07 4681 1255	SE QLD, Northern NSW
	07 4681 1769 fax	
Warner, Philip	07 5499 9249 ph/fax	Australia
	0412 162 003 mobile	
Watkins, Phillip	08 9537 1811	Perth Region
	08 9537 3589 fax	
	0416 191 472 mobile	
Watson, Brigid	03 5688 1058	Victoria
	0429 702 277 mobile	
Westra Van Holthe, Jan	03 9706 3033	Australia
	03 9706 3182 fax	
Wharmby, Emma	03 6428 2519	North west Tasmania
	0400410779	
Whiley, Tony	07 5441 5441	QLD
Wong, Percy	02 9036 7767	Australia
Zorin, Margaret	07 3207 4306	Eastern Australia
	0418 984 555	

Last updated on: 10/07/2014

Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name
Archbald, Rachel
Aquilizan, Flaviano
Baelde, Arie
Baker, Grant
Bally, Ian
Bartley, Megan
van Beek, Marije
Bennett, Nicholas
Bernuetz, Andrew
Berryman, Pamela
Birchall, Craig
Boorman, Des
Box, Amanda
Brewer, Lester
Brindley, Tony
Brown, Emma
Bunker, Kerry
Brunt, Charlotte
Bunker, John
Burton, Wayne
Cameron, Nick
Cecil, Andrew
Chesher, Wayne
Chaudhury, Abdul
Clayton-Greene, Kevin
Clingeffer, Peter
Constable, Greg
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
Fleming, Rebecca
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
Madsen, Dean
Matic, Rade
Materne, Michael
Matthews, Michael
May, Peter
McCabe, Dominic
McCredde, 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
Ovenden, Ben
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
Snell, Peter
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

Last updated on: 10/07/2014

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 may be allowed for roses.

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

Authorised Centralised Test Centres (CTCs)

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

Name	Location	Approved Genera	Facilities	Name of QP	Date of accreditation
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture laboratory	R Kirkham	31/3/97
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane QLD	<i>Saccharum</i>	Field, glasshouse, tissue culture, pathology	G Piperidis	30/6/97
Ag-Seed Research	Horsham and other sites	Canola	Field, glasshouse, shadehouse, laboratory and biochemical analyses	P Rudolph	30/6/97
Agriculture Western Australia	Northam WA	Wheat	Field, laboratory	D Collins	30/6/97
University of Sydney, Plant Breeding Institute	Camden, NSW	<i>Argyranthemum</i> , <i>Diascia</i> , <i>Mandevilla</i>	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms,	J Oates	30/6/97

			tissue culture, molecular genetics and cytology lab.		
Boulter 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	<i>Bracteantha</i>	Outdoor, irrigation	M Lunghusen	30/6/98
Redlands Nursery	Redland Bay, QLD	<i>Aglaonema</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	30/6/98
Protected Plant Promotions	Macquarie Fields, NSW	New Guinea Impatiens including <i>Impatiens hawkeri</i> and its hybrids	Glasshouse	I Paananen	30/9/98
University of Queensland, Gatton College	Lawes, QLD	Some tropical pastures	Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage	To be advised	30/9/98
Jan and Peter Iredell	Moggill, QLD	Bougainvillea	Outdoor, shadehouse	J Iredell	30/9/98
Protected Plant Promotions	Macquarie Fields, NSW	<i>Verbena</i>	Glasshouse	I Paananen	31/12/98
Avondale Nurseries Ltd	Glenorie, NSW	<i>Agapanthus</i>	Greenhouse, tissue culture with commercial partnership	I Paananen	31/12/98
Paradise Plants	Kulnura, NSW	<i>Camellia</i> , <i>Lavandula</i> , <i>Osmanthus</i> , <i>Ceratopetalum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	31/12/98
Prescott Roses	Berwick, VIC	<i>Rosa</i>	Field, controlled environment greenhouses	C Prescott	31/12/98
F & I Baguley Flower and Plant Growers	Clayton South, VIC	<i>Euphorbia</i>	Controlled glasshouses, quarantine facilities, tissue culture	G Guy	31/3/99
Paradise Plants	Kulnura, NSW	<i>Limonium</i> , <i>Raphiolepis</i> , <i>Eriostemon</i> , <i>Lonicera</i> , <i>Jasminum</i>	Field, glasshouse, shadehouse, irrigation, tissue culture lab	J Robb	30/6/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Angelonia</i>	Glasshouse	I Paananen	30/6/00
Carol's Propagation	Alexandra Hills, QLD	<i>Cuphea</i> , <i>Anthurium</i>	Field beds, wide range of comparative varieties	C Milne D Singh	30/6/00
Turf Australia†	Cleveland, QLD	<i>Cynodon</i> , <i>Zoysia</i> and other selected warm season- season turf and amenity species	Field, glasshouse, irrigation, tissue culture lab	M Roche	30/9/00

Luff Partnership	Kulnura, NSW	<i>Bracteantha</i>	Field beds, irrigation, shade house, propagation house, cool rooms,	I Dawson	31/12/00
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Petunia, Calibrachoa</i>	Glasshouse	I Paananen J Oates	31/12/00
NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood,	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteafloa Nursery Pty Ltd	Monbulk, VIC	<i>Plectranthus</i>	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	<i>Zingiber</i>	Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services	D Marcsik	30/9/04
Ball Australia	Keysborough, VIC	<i>Impatiens, Verbena</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/04
Floreta Pty Ltd	Redland Bay QLD	<i>Bracteantha</i>	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevard Nurseries Mildura Pty Ltd	Irymple VIC	<i>Zantedeschia</i>	Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics, quarantine facilities	K Mullins	31/12/04

Buchanan's Nursery	Hodgsonvale, QLD	<i>Prunus</i>	Outdoor facilities including a collection of 90 varieties of common knowledge.	P Buchanan	31/12/04
Ball Australia	Keysborough, VIC	<i>Calibrachoa, Osteospermum</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including biotech, propagation, outdoor facilities	I Bally	30/09/05
Blueberry Farms of Australia	Corindi Beach NSW and optional sites Tumbarumba NSW and Tasmania	<i>Vaccinium</i>	Extensive irrigated growing beds. Birds, hail and frost protection. Post harvest facilities including cool rooms. Access to tissue culture laboratories.	I Paananen	15/10/07
Ball Australia	Keysborough, VIC	<i>Kalanchoe</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	M Lunghusen	3/6/08
PBseeds	Horsham, VIC	<i>Lens culinaris</i>	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	<i>Lomandra</i>	Propagation greenhouses and indoor and outdoor growing areas.	M Lunghusen	7/11/11
Ramm Botanicals	Kangy Angy, NSW	<i>Anigozanthos</i>	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	<i>Aloe</i>	Propagation greenhouses and indoor and outdoor growing areas.	M Lunghusen	10/12/12
Solan Pty Ltd	Waikerie SA	<i>Solanum tuberosum</i>	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	<i>Pelargonium, Verbena and Petunia</i>	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	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen
Aussie Winners Pty Ltd	Redland Bay, QLD	<i>Fuchsia</i>	Comprehensive growing facilities	I Paananen
Schreurs Australia Pty Ltd**	Leppington, NSW	<i>Rosa</i>	Comprehensive growing facilities	I Paananen

** = 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 March 2014.

APPENDIX 7

List of Classes for Variety Denomination Purposes

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

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

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

The variety denomination classes are as follows:

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

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

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

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

LIST OF CLASSES

Part I*Classes within a genus*

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

LIST OF CLASSES (Continuation)

Part II

Classes encompassing more than one genus

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

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

APPENDIX 8**REGISTER OF PLANT VARIETIES**

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

South Australia

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

New South Wales

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

Victoria and Tasmania

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

Queensland

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

Australian Capital Territory, Northern Territory and Western Australia

ACT and NT Registers are kept
in the Library of PBR Office in Canberra
Phone (02) 6283 2999

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



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