



Plant Varieties Journal

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

Quarter Three 2005

Volume 18 Number 3

ISSN: 1030-9748

Date of Publication : 31 Oct 2005

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Part 1 General Information

Part 1 of *Plant Varieties Journal* provides the link with the General Information about the Plant Breeder's Rights scheme, the procedures for objections and revocations, UPOV developments, Important Changes etc. The General Information pages of *Plant Varieties Journal (Vol. 18 Issue 3)* 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://www.edaff.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@ipaaustralia.gov.au if there is a problem in completing the description using IVDS.

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.

Overseas Testing/Data

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

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

Taxa that must be trailed in Australia

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

Solanum tuberosum Potato

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

- either, to submit Part 2 incorporating a description for publication, any additional data and photographs and to pay the examination fee;
- or, to conduct a DUS trial in Australia, recommending to the applicant/agent which additional varieties of common knowledge to include;
- or, submit Part 2 including additional data (information about similar varieties in Australia to show that they are clearly distinct from the candidate variety that a further DUS test growing including the similar varieties is not warranted and that the variety displays the distinctive characteristics when grown in Australia)

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

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

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

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

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

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 [SCALEplus](#) site

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.

The cumulative index to the *Plant Varieties Journal* has been updated to include variety information from all hardcopy versions upto 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 Webdabase](#) 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 upto *Plant Varieties Journal volume 16 issue 3*. The PBR office recommends to use its [PBR Webdabase](#) to get most updated information on variety registration. The webdabase 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 \(Appendix 3\)](#) experienced in the plant species in question.

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 is 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*.

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

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

The members of UPOV are:

Albania (as of 15 Oct 2005), Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, European Community, Estonia, Finland, France, Germany, Hungary, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Netherlands, New Zealand, Nicaragua, Norway, Panama, Paraguay, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Trinidad and Tobago, Tunisia, Ukraine, United Kingdom, United States of America, Uruguay and Uzbekistan.

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/tg-rom/index-e.htm>

EUROPEAN COMMUNITY BECOMES FIRST INTERGOVERNMENTAL ORGANISATION TO JOIN UPOV

The European Community (EC) became the first intergovernmental organisation to join the International Union for the Protection of New Varieties of Plants (UPOV) when it deposited its instrument of accession with the Secretary-General of UPOV, Dr. Kamil Idris, on June 29, 2005. UPOV is an independent intergovernmental organisation based in Geneva, which administers an international treaty that governs the granting of intellectual property rights to plant breeders to encourage the development of new varieties of plants.

The accession of the EC 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.

Community plant variety rights within the EC 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 59 members of UPOV. The CPVO provides for one application, one examination and one title of protection that is valid and enforceable in all 25 members of the European Union.

The CPVO has announced some likely changes to its Examination and Annual fees. The new rate of Examination fee will range from 1020 to 1200 euros. A list giving the fees foreseen for every species can be viewed at [CPVO website](#). The Annual fee will be reduced to a flat rate of 300 euros for every species until the year 2005. The precise content of the regulations and its entry into force have still to be decided by the European Commission.

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

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

Applicants for protection need to be aware of the existence of any other Australian legislation, which could impact on their intended use of the registered variety. Relatedly, 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.

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://www.edaff.gov.au/pbr_ivds) for the Qualified Persons (QPs).

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Starting from the current issue (PVJ 18.3) 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@ipaaustralia.gov.au) for further information.

Current PBR Forms

The official forms for PBR purposes are periodically updated. A list of current PBR forms with their numbers and date of last update is available from [PBR website](#). When a form is updated, the month and the year of the last update follow the form number within parentheses. For example, Form P1 was last updated in September 2005 and therefore this form gets a designation of Form P1 (9/05). We also encourage you to consult the 'Guidelines for Completing Part 1 Application Form' before filing in the Part 1 Application. To avoid delays we suggest that you use the latest version of the forms.

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

This part of the *Plant Varieties Journal* provides public notices on Acceptances, Variety Descriptions, Grants, Variations etc. The Part 2 Public Notices pages of ***Plant Varieties Journal* (Vol. 18 Issue 3)** are listed below:

[Acceptances](#)
[Variety Descriptions](#)
[Grants](#)
[Denomination Changed](#)
[Synonym Added](#)
[Change of Owner](#)
[Application Rejected](#)
[Applications Withdrawn](#)
[Grants Surrendered](#)
[Corrigenda](#)

ACCEPTANCES

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

Angelonia hybrid

ANGELONIA

‘Anblauzwei’ syn Anzwei

Application No: 2005/104 Accepted: 20 July, 2005

Applicant: **Elsner pac Jungpflanzen.**

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

‘Anwhit’

Application No: 2005/075 Accepted: 20 September, 2005

Applicant: **Elsner pac Jungpflanzen.**

Agent: **Proven Winners Australasia Pty Ltd**, Redland Bay, QLD.

Anthurium andraeanum

FLAMINGO FLOWER

‘Red King’

Application No: 2005/202 Accepted: 5 August, 2005

Applicant: **Rijnplant B.V.**

Agent: **Futura Promotions Pty Ltd**, Wellington Point, QLD.

‘RIJN200042’

Application No: 2005/203 Accepted: 5 August, 2005

Applicant: **Rijnplant B.V.**

Agent: **Futura Promotions Pty Ltd**, Wellington Point, QLD.

‘True Love’

Application No: 2005/204 Accepted: 5 August, 2005

Applicant: **Rijnplant B.V.**

Agent: **Futura Promotions Pty Ltd**, Wellington Point, QLD.

Argyranthemum hybrid

MARGUERITE DAISY

‘OHMADMADE’ syn Madelana

Application No: 2005/221 Accepted: 6 September, 2005

Applicant: **Bonza Botanicals Pty Limited**, Winmalee, NSW.

‘OHMADSANT’ syn Santana

Application No: 2005/222 Accepted: 6 September, 2005
Applicant: **Bonza Botanicals Pty Limited**, Winmalee, NSW.

Avena sativa

OATS

‘Galileo’

Application No: 2005/179 Accepted: 10 August, 2005
Applicant: **State of Queensland through its Department of Primary Industries and Fisheries**,
Brisbane, QLD.

Brassica napus

CANOLA

‘ATR-Summitt’

Application No: 2005/232 Accepted: 10 August, 2005
Applicant: **Agriculture Victoria Services Pty Ltd and Grains Research and Development Corporation**.
Agent: **Ag-Seed Research Pty Ltd**, Horsham, VIC.

‘Warrior CL’

Application No: 2005/233 Accepted: 24 August, 2005
Applicant: **Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation, Nugrain Pty Ltd and PlantTech Pty Ltd**.
Agent: **PlantTech Pty Ltd**, Altona, VIC.

Chamelaucium hybrid

WAXFLOWER

‘Blossom Fireball’

Application No: 2005/217 Accepted: 25 August, 2005
Applicant: **Western Flora**, Coorow, WA.

‘Stefans Delight’

Application No: 2005/218 Accepted: 25 August, 2005
Applicant: **Western Flora & Stephen Peters**, Coorow, WA.

‘Teinas Delight’

Application No: 2005/215 Accepted: 25 August, 2005
Applicant: **Western Flora & Stephen Peters**, Coorow, WA.

Chamelaucium uncinatum

WAXFLOWER

‘Lilac Spring’

Application No: 2005/214 Accepted: 6 September, 2005
Applicant: **Western Flora**, Coorow, WA.

‘Purple Giant’

Application No: 2005/216 Accepted: 25 August, 2005
Applicant: **Western Flora & Stephen Peters**, Coorow, WA.

Cicer arietinum

CHICKPEA

‘Rupali’

Application No: 2004/271 Accepted: 5 August, 2005
Applicant: **State of Western Australia through its Department of Agriculture, University of Western Australia, CSIRO, Murdoch University, Grains Research and Development Corporation.**
Agent: **State of Western Australia through its Department of Agriculture**, South Perth, WA.

‘Sonali’

Application No: 2004/272 Accepted: 5 August, 2005
Applicant: **State of Western Australia through its Department of Agriculture, University of Western Australia, CSIRO, Murdoch University, Grains Research and Development Corporation.**
Agent: **State of Western Australia through its Department of Agriculture**, South Perth, WA.

Cordyline australis

CORDYLINE, CABBAGE TREE

‘Pink Sensation’ syn Sprint 2 Pink

Application No: 2005/007 Accepted: 13 July, 2005
Applicant: **Sprint Horticulture Pty Ltd**, Erina, NSW.

Crambe abyssinica

SEA KALE

‘Galactica’

Application No: 2005/160 Accepted: 5 August, 2005

Applicant: **Plant Research International B.V.**

Agent: **Callinan Lawrie**, Kew, VIC.

‘Nebula’

Application No: 2005/161 Accepted: 5 August, 2005

Applicant: **Plant Research International B.V.**

Agent: **Callinan Lawrie**, Kew, VIC.

Dactylis glomerata

COCKSFOOT

‘Megatas’

Application No: 2005/197 Accepted: 15 August, 2005

Applicant: **University of Tasmania and The Crown in Right of the State of Tasmania through the Department of Primary Industries, Water and Environment**, Kings Meadows, TAS.

Dianella tasmanica

FLAX LILY

‘Rainbow’

Application No: 2005/249 Accepted: 15 August, 2005

Applicant: **Phillip Allen Dowling**, Mt Gambier West, SA.

‘Splice’

Application No: 2005/248 Accepted: 15 August, 2005

Applicant: **Phillip Allen Dowling**, Mt Gambier West, SA.

Dieffenbachia hybrid

DUMB CANE

‘Tropic Judyanne’

Application No: 2005/251 Accepted: 5 August, 2005

Applicant: **Edwin J Frazer**.

Agent: **Futura Promotions Pty Ltd**, Wellington Point, QLD.

‘Tropic Suzanne’

Application No: 2005/250 Accepted: 5 August, 2005
Applicant: **Edwin J Frazer**.
Agent: **Futura Promotions Pty Ltd**, Wellington Point, QLD.

Euphorbia pulcherrima

POINSETTIA

‘Fiselfi’

Application No: 2005/051 Accepted: 13 July, 2005
Applicant: **FLORA-NOVA Pflanzen GmbH**.
Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

Gossypium hirsutum

COTTON

‘Sicala 350B’

Application No: 2005/194 Accepted: 13 July, 2005
Applicant: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

‘Sicot 43B’

Application No: 2005/195 Accepted: 13 July, 2005
Applicant: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

‘Sicot 71B’

Application No: 2005/196 Accepted: 13 July, 2005
Applicant: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

Hydrangea macrophylla

HYDRANGEA

‘Rabearth’ syn Blue Earth

Application No: 2005/093 Accepted: 17 August, 2005
Applicant: **Franz-Xaver Rampp**.
Agent: **Lifetech Laboratories Ltd**, Kincumber, NSW.

‘Ramars’

Application No: 2005/094 Accepted: 24 August, 2005
Applicant: **Franz-Xaver Rampp**.
Agent: **Lifetech Laboratories Ltd**, Kincumber, NSW.

Impatiens hawkeri

NEW GUINEA IMPATIENS

‘Fisnics Hot Rose’

Application No: 2005/054 Accepted: 13 July, 2005

Applicant: **FLORA-NOVA Pflanzen GmbH**.

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

‘Fisnics Lil’

Application No: 2005/055 Accepted: 13 July, 2005

Applicant: **FLORA-NOVA Pflanzen GmbH**.

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

‘Fisnics Lired’

Application No: 2005/053 Accepted: 13 July, 2005

Applicant: **FLORA-NOVA Pflanzen GmbH**.

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

‘Fisnics Redgold’

Application No: 2005/052 Accepted: 13 July, 2005

Applicant: **FLORA-NOVA Pflanzen GmbH**.

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

Impatiens hawkeri x *Impatiens auricomma*

IMPATIENS

‘Fiswild’

Application No: 2005/049 Accepted: 13 July, 2005

Applicant: **FLORA-NOVA Pflanzen GmbH**.

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

Lavandula stoechas

ITALIAN LAVENDER

‘Peachberry Ruffles’

Application No: 2005/261 Accepted: 29 July, 2005

Applicant: **Plant Growers Australia Pty Ltd**, Wonga Park, VIC.

‘Ruffles’

Application No: 2005/260 Accepted: 29 July, 2005

Applicant: **Plant Growers Australia Pty Ltd**, Wonga Park, VIC.

Leptospermum hybrid

TEA TREE

‘Alicia Rose’

Application No: 2005/254 Accepted: 25 August, 2005

Applicant: **Geoffrey Wallace Watson.**

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

‘Stephen Rose’

Application No: 2005/253 Accepted: 25 August, 2005

Applicant: **Geoffrey Wallace Watson.**

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

Lilium hybrid

LILY

‘Mothers Choice’

Application No: 2005/156 Accepted: 29 July, 2005

Applicant: **Mak 't Zand B.V.**

Agent: **A J Park**, Canberra, ACT.

Lolium multiflorum

ITALIAN RYEGRASS

‘Sonik’

Application No: 2005/176 Accepted: 29 July, 2005

Applicant: **Cropmark Seeds Australia Pty Ltd**, Attwood, VIC.

Lolium perenne

PERENNIAL RYEGRASS

‘Revolution’

Application No: 2005/177 Accepted: 20 July, 2005

Applicant: **Cropmark Seeds Australia Pty Ltd**, Attwood, VIC.

Lupinus albus

WHITE LUPIN

‘Rosetta’

Application No: 2005/223 Accepted: 6 September, 2005

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

Agent: **Graintrust Pty Ltd**, North Sydney, NSW.

Medicago sativa

LUCERNE

‘PAC901’

Application No: 2005/224 Accepted: 16 August, 2005

Applicant: **The University of Queensland on behalf of the Participants of the Cooperative Research Centre for Tropical Plant Protection and Grains Research and Development Corporation.**

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

Pelargonium hybrid

PELARGONIUM

‘Fisroyal’

Application No: 2005/050 Accepted: 13 July, 2005

Applicant: **FLORA-NOVA Pflanzen GmbH.**

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

Pelargonium peltatum

IVY PELARGONIUM

‘KLEP02038’ syn Royal Barolo

Application No: 2005/117 Accepted: 25 July, 2005

Applicant: **Nils Klemm.**

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

Pelargonium zonale

ZONAL PELARGONIUM, GARDEN GERANIUM

‘KLETARINE’

Application No: 2005/118 Accepted: 25 July, 2005

Applicant: **Nils Klemm.**

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

Persea americana

AVOCADO

‘Mendez No. 1’

Application No: 2005/220 Accepted: 25 July, 2005

Applicant: **Carlos Mendez Vega**.

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

Prunus persica

PEACH

‘Burauspchfive’

Application No: 2005/239 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Burauspchfour’

Application No: 2005/235 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Burpeachfifteen’ syn Burpchfifteen

Application No: 2005/236 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Burpeachfourteen’ syn Burpchfourteen

Application No: 2005/234 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Burpeachthirteen’ syn Burpchthirteen

Application No: 2005/237 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Burpeachtwelve’ syn Burpchtwelve

Application No: 2005/238 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘SpringCandy’ syn Spring Gold

Application No: 2005/258 Accepted: 21 September, 2005

Applicant: **Lowell G. Bradford**.

Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘TexKing’

Application No: 2005/246 Accepted: 25 July, 2005

Applicant: **Texas Agricultural Experiment Station, The Texas A&M University System**.

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘TexVictory’

Application No: 2005/247 Accepted: 6 September, 2005

Applicant: **Texas Agricultural Experiment Station, The Texas A&M University System**.

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘TropicPeachOne’ syn TropicPrince

Application No: 2005/245 Accepted: 25 July, 2005

Applicant: **Texas Agricultural Experiment Station, The Texas A&M University System**.

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

Prunus persica var. *nucipersica*

NECTARINE

‘Burnectfifteen’

Application No: 2005/241 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Burnectfourteen’

Application No: 2005/244 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Burnectthree’

Application No: 2005/242 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Burnectseven’

Application No: 2005/243 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**

Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Burnecten’

Application No: 2005/240 Accepted: 25 July, 2005

Applicant: **The Burchell Nursery, Inc.**
Agent: **Jempi Pty Ltd**, Beaumaris, VIC.

‘Giant Pearl’ syn Giant Ice

Application No: 2005/255 Accepted: 21 September, 2005
Applicant: **Lowell G. Bradford**.
Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Sweet River’

Application No: 2005/205 Accepted: 5 August, 2005
Applicant: **Zaiger's Inc. Genetics**.
Agent: **Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC.

Prunus salicina

JAPANESE PLUM

‘ARC SUN 1’

Application No: 2005/131 Accepted: 5 August, 2005
Applicant: **ARC Infruitec-Nietvoorbij**.
Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)**, Bathurst, NSW.

‘ARC SUN 2’

Application No: 2005/130 Accepted: 5 August, 2005
Applicant: **ARC Infruitec-Nietvoorbij**.
Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)**, Bathurst, NSW.

‘August Yummy’ syn AugustCandy

Application No: 2005/259 Accepted: 21 September, 2005
Applicant: **Lowell G. Bradford**.
Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Golden Kiss’

Application No: 2005/133 Accepted: 5 August, 2005
Applicant: **ARC Infruitec-Nietvoorbij**.
Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)**, Bathurst, NSW.

‘September Yummy’ syn SeptemberCandy

Application No: 2005/257 Accepted: 21 September, 2005
Applicant: **Lowell G. Bradford**.
Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

‘Sundew’

Application No: 2005/132 Accepted: 5 August, 2005
Applicant: **ARC Infruitec-Nietvoorbij**.
Agent: **Australian Nurserymen's Fruit Improvement Company Ltd (ANFIC)**, Bathurst, NSW.

‘YummyGem’ syn CandyGem

Application No: 2005/256 Accepted: 28 September, 2005

Applicant: **Lowell G. Bradford**.
Agent: **Buchanan's Nursery**, Hodgson Vale, QLD.

Rosa hybrid

ROSE

‘Grandfiffo’

Application No: 2005/226 Accepted: 13 July, 2005
Applicant: **Mr H Schreuders**.
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Meidrason’

Application No: 2005/126 Accepted: 5 August, 2005
Applicant: **Meilland International S.A.**.
Agent: **Kim Syrus**, Myponga, SA.

‘Nirprodbic’

Application No: 2005/227 Accepted: 13 July, 2005
Applicant: **Lux Riviera S.r.l.**
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

Rubus idaeus

RASPBERRY

‘RAFZAQU’

Application No: 2005/116 Accepted: 13 July, 2005
Applicant: **Promo-Fruit AG SA Ltd**.
Agent: **Davies Collison Cave**, Sydney, NSW.

Saccharum hybrid

SUGARCANE

‘Q220’

Application No: 2005/190 Accepted: 13 July, 2005
Applicant: **BSES Limited**, Indooroopilly, QLD.

‘Q221’

Application No: 2005/189 Accepted: 13 July, 2005
Applicant: **BSES Limited**, Indooroopilly, QLD.

‘Q222’

Application No: 2005/191 Accepted: 13 July, 2005
Applicant: **BSES Limited**, Indooroopilly, QLD.

‘Q223’

Application No: 2005/192 Accepted: 13 July, 2005
Applicant: **BSES Limited**, Indooroopilly, QLD.

‘Q224’

Application No: 2005/193 Accepted: 13 July, 2005
Applicant: **BSES Limited**, Indooroopilly, QLD.

Scaevola crassifolia

THICK-LEAVED FAN FLOWER

‘Flat Fred’

Application No: 2005/158 Accepted: 13 July, 2005
Applicant: **George A Lullfitz**, Wanneroo, WA.

Solanum tuberosum

POTATO

‘Almera’

Application No: 2005/186 Accepted: 20 July, 2005
Applicant: **Agrico**.
Agent: **Agrico Australia**, Sydney, NSW.

‘Eve Balfour’ syn Nadette

Application No: 2005/210 Accepted: 29 July, 2005
Applicant: **Scottish Crop Research Institute**.
Agent: **Golden Sunrise Fresh Produce**, Pinnaroo, SA.

‘Lady Balfour’ syn Balfour

Application No: 2005/211 Accepted: 29 July, 2005
Applicant: **Scottish Crop Research Institute**.
Agent: **Golden Sunrise Fresh Produce**, Pinnaroo, SA.

‘Mayan’

Application No: 2005/213 Accepted: 29 July, 2005
Applicant: **Scottish Crop Research Institute**.
Agent: **Golden Sunrise Fresh Produce**, Pinnaroo, SA.

‘Vales Emerald’ syn Emerald

Application No: 2005/209 Accepted: 29 July, 2005
Applicant: **Scottish Crop Research Institute**.
Agent: **Golden Sunrise Fresh Produce**, Pinnaroo, SA.

‘Vales Sovereign’ syn Vales

Application No: 2005/212 Accepted: 29 July, 2005

Applicant: **Scottish Crop Research Institute.**
Agent: **Golden Sunrise Fresh Produce**, Pinnaroo, SA.

Triticum aestivum

WHEAT

‘AGT Young’

Application No: 2005/228 Accepted: 28 September, 2005

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

Agent: **Australian GrainTechnologies Pty Ltd**, Roseworthy, SA.

Variety Descriptions

Click on the column headings to re-sort the matches in alphanumeric order by that particular column.

Common (Genus Species)	Variety	Title Holder
Azalea (<i>Rhododendron hybrid</i>)	Roblea	Robert E. Lee and Plant Development Services Inc.
Azalea (<i>Rhododendron hybrid</i>)	Conlet	Robert E. Lee and Plant Development Services Inc.
Azalea (<i>Rhododendron hybrid</i>)	Conlep	Robert E. Lee and Plant Development Services Inc.
Azalea (<i>Rhododendron hybrid</i>)	Conler	Robert E. Lee and Plant Development Services Inc.
Azalea (<i>Rhododendron hybrid</i>)	Conles	Robert E. Lee and Plant Development Services Inc.
Bidens (<i>Bidens triplinervia</i>)	Sunbideki	Suntory Flowers Limited
Buffalo Grass (<i>Stenotaphrum secundatum</i>)	Marine	John Sultana, James Sultana, Joshua Sultana, Jacob Sultana
Calibrachoa (<i>Calibrachoa hybrid</i>)	Sunbelrikupi	Suntory Flowers Limited
Calibrachoa (<i>Calibrachoa hybrid</i>)	Sunbelbusta	Suntory Flowers Limited
Cereal Rye (<i>Secale cereale</i>)	Westwood	The University of Sydney and George Weston Foods Pty Ltd
Condiment Paprika (<i>Capsicum annum var. annum (Longum Group)</i>)	Cerise Sweet	The University of Sydney, Rural Industries Research and Development Corporation and ASAS Pty Limited
Cordyline (<i>Cordyline fruticosa</i>)	Gan01	R.F. Ganley trading as Tropicolor Nursery
Crown of Thorns (<i>Euphorbia milii</i>)	Taki Pink	Mark & Savitree Sawtell
Custard apple (<i>Annona squamosa x cherimola</i>)	K J Pinks	Keith Walter & Judith Elaine Paxton
Everlasting Daisy (<i>Bracteantha bracteata</i>)	Redbragol	Redlands Nursery Pty Ltd
Everlasting Daisy (<i>Bracteantha bracteata</i>)	Flobragbi	Floreta Pty Ltd as trustee for the Sundaze Beauty Trust
Everlasting Daisy (<i>Bracteantha bracteata</i>)	Redbralem	Redlands Nursery Pty Ltd
Everlasting Daisy (<i>Bracteantha bracteata</i>)	Redbrawhi	Redlands Nursery Pty Ltd

Everlasting Daisy (<i>Bracteantha bracteata</i>)	Flobrabri	Floreta Pty Ltd as trustee for the Sundaze Trust
Everlasting Daisy (<i>Bracteantha bracteata</i>)	Flobrafla	Floreta Pty Ltd as trustee for the Sundaze Trust
Fern-leaved Bidens (<i>Bidens ferulifolia</i>)	Sunbidesupa	Suntory Flowers Limited
Globe Artichoke (<i>Cynara scolymus</i>)	Concerto	NUNHEMS B.V. and Institute National de la Recherche (INRA)
Globe Artichoke (<i>Cynara scolymus</i>)	Menuet	NUNHEMS B.V. and Institute National de la Recherche (INRA)
Grevillea (<i>Grevillea hybrid</i>)	Little Honey	James Walter Carter and Elva Lorraine Carter trading as Carters Tubes
Grevillea (<i>Grevillea hybrid</i>)	Autumn Waterfall	Grevillea Garden Enterprises Pty. Ltd.
Italian Ryegrass (<i>Lolium multiflorum</i>)	Sonik	Cropmark Seeds Australia Pty Ltd
Kangaroo Paw (<i>Anigozanthos hybrid</i>)	Bush Spark	Ramm Botanicals Holdings Pty Ltd
Kangaroo Paw (<i>Anigozanthos hybrid</i>)	Bush Inferno	Ramm Botanicals Holdings Pty Ltd
Lettuce (<i>Lactuca sativa</i>)	Betano	Nunhems B.V.
Lettuce (<i>Lactuca sativa</i>)	Barcelona	Nunza B.V.
Lettuce (<i>Lactuca sativa</i>)	Bughatti	Nunhems B.V.
Perennial Ryegrass (<i>Lolium perenne</i>)	Revolution	Cropmark Seeds Australia Pty Ltd
Poinsettia (<i>Euphorbia pulcherrima</i>)	Eckansley	Paul Ecke Ranch, Inc
Poinsettia (<i>Euphorbia pulcherrima</i>)	Eckadire	Paul Ecke Ranch, Inc
Poinsettia (<i>Euphorbia pulcherrima</i>)	Windark	Paul Ecke Ranch, Inc
Poinsettia (<i>Euphorbia pulcherrima</i>)	Eckadrian	Paul Ecke Ranch, Inc
Potato (<i>Solanum tuberosum</i>)	Eva	Cornell University Agriculture Experiment Station
Potato (<i>Solanum tuberosum</i>)	Yarden	The Center for Potato Research in Hot Climates Ltd.
Potato (<i>Solanum tuberosum</i>)	Cabaret	Cygnets Potato Breeders Limited
Potato (<i>Solanum tuberosum</i>)	Sini	Boreal Plant Breeding Ltd
Rose (<i>Rosa hybrid</i>)	Meivanthou	Meilland Star Rose
Twinspur (<i>Diascia barbarae</i>)	Pendan	Sydney James Jones & David Jones
Twinspur (<i>Diascia hybrid</i>)	Codipeaim	NuFlora International Pty Ltd
Verbena (<i>Verbena hybrid</i>)	Sunmarisakura	Suntory Flowers Limited
Verbena (<i>Verbena hybrid</i>)	Sunvivare	Suntory Flowers Limited

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Sini'
Synonym: N/A

Application no: 2001/033
Current status: ACCEPTED
Certificate no: N/A
Received: 19-Feb-2001
Accepted: 16-Mar-2001
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Boreal Plant Breeding Ltd
Agent: Elders Limited
Telephone: 0884254177
Fax: 0882121193

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



Details of Application

Application Number 2001/033
Variety Name 'Sini'
Genus Species *Solanum tuberosum*
Common Name Potato
Synonym Nil
Accepted Date 16 Mar 2001
Applicant Boreal Plant Breeding Ltd, Jokioinen, Finland
Agent Elders Limited, Adelaide, SA.
Qualified Person Prue McMichael

Details of Comparative Trial

Location Virginia, South Australia
Descriptor UPOV TG/23/5 Potato
Period Planted 15th Jul 2004. Harvested 17th Dec 2004.
Conditions The comparative trial was established in Virginia on the northern Adelaide Plains, South Australia, on 15th Jul 2004. There were 30 varieties included in the trial, of which 4 were PBR candidates. Field-grown, certified tubers were planted in the experimental plot in 14 rows. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparator/s were replicated three times. The soil type was sandy-loam. Pre-plant, NPK (10:3:10) fertiliser was applied. During the growing season ammonium nitrate, urea, trace elements and potassium nitrate were applied. Pest and disease management was achieved with applications of registered insecticides and fungicides. Plants were knocked down by a desiccant. Irrigation was via solid set sprinklers. The plots were harvested on 17th Dec 2004. Trial observations were made regularly with measurements being taken at random from fifteen plants within the trial and twenty five tubers per replicate.
Trial Design There were 30 varieties included in the trial, of which 4 were PBR candidates. Field-grown, certified tubers were planted in the experimental plot in 14 rows. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparators were replicated three times.
Measurements Trial observations were made regularly with measurements being taken from twenty plants and twenty five tubers per replicate.

Origin and Breeding

Controlled pollination: seed parent 'Jo 0432' x pollen parent 'Maris Piper'. The seed parent was characterised early maturity. The pollen parent was characterised by a high frequency of flowers. Breeding took place over an 11-year period. Including 4 years of yield trials and 3 years of official variety trials. 'Sini' was selected on the basis of its yielding capacity, tuber size distribution, disease resistance, quality, glycoalkaloids and sugar content. No off-types have been reported or observed. Breeder: Boreal Plant Breeding Ltd., Jokioinen, Finland.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower corolla	colour of inner side	red-violet
Tuber	colour of skin	yellow/white
Tuber	colour of flesh	cream

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Friar'	
'Harmony'	
'Jo 0432'	Seed parent
'Maris Piper'	Pollen parent
'Nadine'	
'Saxon'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
	Organ/Plant Part	Context	
'Jo 0432'	Plant	time of maturity	medium-late / early
'Maris Piper'	Plant	frequency of flowers	low-medium / high
'Nadine'	Lightsprout	pubescence of tip	absent or very weak / strong
'Saxon'	Plant	growth habit	erect - semi-erect / spreading - semi-erect

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

Organ/Plant Part: Context	'Sini'	'Friar'	'Harmony'
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	upright to semi-upright	upright to semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: openness	intermediate to open	intermediate	intermediate
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	medium to strong	strong	strong
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low	low
<input checked="" type="checkbox"/> Leaflet: waviness of margin	weak to medium	strong	weak to medium

<input type="checkbox"/>	Leaflet: depth of veins	shallow	shallow	shallow
<input type="checkbox"/>	Leaflet: glossiness of the upper side	medium	medium	dull to medium
<input checked="" type="checkbox"/>	Plant: height	tall	short to medium	medium
<input type="checkbox"/>	*Plant: frequency of flowers	absent or very low	absent or very low	low
<input checked="" type="checkbox"/>	*Tuber: shape	oval	short-oval	short-oval
<input type="checkbox"/>	Tuber: depth of eyes	shallow	shallow to medium	shallow
<input type="checkbox"/>	*Tuber: colour of skin	light beige	light beige	light beige
<input type="checkbox"/>	*Tuber: colour of base of eye	yellow	yellow	yellow
<input checked="" type="checkbox"/>	*Tuber: colour of flesh	cream	light yellow	cream
<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sini'	'Friar'	'Harmony'
<input type="checkbox"/> Stem: thickness of main stem	medium	medium	medium
<input type="checkbox"/> Leaflet (terminal): width	medium	medium	medium
<input type="checkbox"/> Leaflet (terminal): size	medium	medium	medium
<input checked="" type="checkbox"/> Tuber: smoothness of skin	medium	smooth	smooth

Statistical Table

Organ/Plant Part: Context	'Sini'	'Friar'	'Harmony'
<input checked="" type="checkbox"/> Plant : height (cm)			
Mean	41.00	26.00	30.00
Std. Deviation	3.00	3.00	4.00
LSD/sig	3	P≤0.01	P≤0.01
<input type="checkbox"/> Leaf: size (cm)			
Mean	18.80	22.00	17.60
Std. Deviation	1.40	1.90	1.70
LSD/sig	1.7	P≤0.01	ns
<input type="checkbox"/> Leaflet: length -excluding petiole (cm)			
Mean	7.30	7.80	6.70
Std. Deviation	0.80	0.50	0.70
LSD/sig	0.7	ns	ns
<input type="checkbox"/> Leaflet: length - including petiole (cm)			
Mean	8.90	9.50	7.70
Std. Deviation	1.10	0.70	0.90
LSD/sig	0.9	ns	P≤0.01
<input type="checkbox"/> Leaflet: width (cm)			
Mean	5.00	5.60	4.60
Std. Deviation	0.50	0.50	0.70
LSD/sig	0.6	P≤0.01	ns
<input checked="" type="checkbox"/> Tuber: length (mm)			
Mean	77.30	68.80	68.30

Std. Deviation	11.30	10.10	10.20
LSD/sig	4.5	P≤0.01	P≤0.01
<input type="checkbox"/> Tuber: width (mm)			
Mean	55.90	57.70	59.80
Std. Deviation	5.60	6.20	8.50
LSD/sig	2.9	ns	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Finland	1996	Granted	'Sini'

First sold in Finland in Jan 1998.

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

Potato (*Solanum tuberosum*)

Variety: 'Eva'
Synonym: N/A

Application no: 2003/360
Current status: ACCEPTED
Certificate no: N/A
Received: 18-Dec-2003
Accepted: 03-Jun-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Cornell University Agriculture Experiment Station
Agent: Elders Limited
Telephone: 0884254177
Fax: 0882121193

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



Details of Application

Application Number 2003/360
Variety Name 'Eva'
Genus Species *Solanum tuberosum*
Common Name Potato
Synonym Nil
Accepted Date 3 Jun 2004
Applicant Cornell University Agriculture Experiment Station, Ithaca, NY, USA
Agent Elders Limited, Adelaide, SA.
Qualified Person Prue McMichael

Details of Comparative Trial

Location Virginia, South Australia
Descriptor UPOV TG/23/5 Potato
Period Planted 15 Jul, 2004; harvested 17 Dec, 2004
Conditions The comparative trial was established in Virginia on the northern Adelaide Plains, South Australia, on 15 Jul, 2004. There were 30 varieties included in the trial, of which 4 were PBR Part 2 candidates. Field-grown, certified tubers were planted in the experimental plot in 14 rows. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparator/s were replicated three times. The soil type was sandy-loam. Pre-plant, NPK (10:3:10) fertiliser was applied. During the growing season ammonium nitrate, urea, trace elements and potassium nitrate were applied. Pest and disease management was achieved with applications of registered insecticides and fungicides. Plants were knocked down by a desiccant. Irrigation was via solid set sprinklers. The plots were harvested on 17 Dec, 2004. Trial observations were made regularly with measurements being taken at random from fifteen plants within the trial and twenty five tubers per replicate.

Trial Design There were 30 varieties included in the trial, of which 4 were PBR Part 2 candidates. Field-grown, certified tubers were planted in the experimental plot in 14 rows. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparators were replicated three times.

Measurements Trial observations were made regularly with measurements being taken from twenty plants and twenty five tubers per replicate.

Origin and Breeding

Controlled pollination: seed parent 'Steuben' x pollen parent: bulked pollen from 107 neotuberosum x tuberosum hybrids. The seed parent was characterised by flaky skin and susceptibility to potato viruses X and Y. Characteristics of the pollen parent are mostly unknown except for resistance to golden cyst nematode and potato virus Y. Seedlings from initial cross were grown in pots. Tubers from the seedling generation were grown in the field near Ithaca, New York, USA. Clones that exhibited resistance

to golden cyst nematode and had favourable appearance and yield were saved and replanted the following year. Vegetative propagation and post harvest evaluation continued for 4 years after which 7 years of yield trials took place monitoring not only yield, but also size distribution, resistance to common scab, frequency of internal and external defects, vine type, specific gravity, chip colour, tuber dormancy and tuber appearance. Since 1993 'Eva' has been produced by the Uihlein Foundation Seed Farm in Lake Placid, New York, USA. No off-types have been reported or observed. Breeder: Robert L. Plaisted (employee of Cornell University Agriculture Experiment Station).

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower corolla	colour of inner side	white
Tuber	colour of skin	white
Tuber	colour of flesh	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Coliban'	
'St John'	
'Admiral'	
'Eos'	
'Andover'	
'White Lady'	
'Smith's Astra'	
'Smith's Aurora'	
'Smith's Orion'	
'Steuben'	Seed parent
'Atlantic'	Named in Part 1 application as the closest variety of common knowledge. However, it has a blue-violet flower not a white flower.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
	Organ/Plant Part	Context	
'Smith's Aurora'	Tuber	smoothness of skin	smooth flaky
'Eos'	Tuber	shape	round to slightly oval long
'Andover'	Tuber	smoothness of skin	smooth rough/flaky
'Atlantic'	Flower corolla	colour of inner side	white blue-violet
'Steuben'	Tuber	smoothness of	smooth flaky

‘Smith’s Astra’	Tuber	skin smoothness of	smooth	flaky
‘Smith’s Orion’	Tuber	skin smoothness of	smooth	flaky
‘Admiral’	Lightsprout	skin shape	spherical	broad cylindrical
‘White Lady’	Lightsprout	pubescence of base	medium	absent/very weak

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

Organ/Plant Part: Context	‘Eva’	‘Coliban’	‘St John’
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	semi-upright	semi-upright	semi-upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: openness	closed to intermediate	intermediate	closed
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	medium	weak	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low	low
<input type="checkbox"/> Leaflet: waviness of margin	weak to medium	weak	weak
<input type="checkbox"/> Leaflet: depth of veins	shallow	shallow	shallow
<input type="checkbox"/> Leaflet: glossiness of the upperside	dull	dull	dull
<input type="checkbox"/> Flower bud: anthocyanin colouration	weak		absent or very weak
<input type="checkbox"/> Plant: height	short to medium	medium	medium
<input checked="" type="checkbox"/> *Plant: frequency of flowers	medium to high	absent or very low	medium
<input type="checkbox"/> Inflorescence: size	medium		medium
<input type="checkbox"/> Inflorescence: anthocyanin colouration on peduncle	absent or very weak to weak		absent or very weak
<input checked="" type="checkbox"/> Flower corolla: size	medium		small-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 checked="" type="checkbox"/> *Tuber: shape	short-oval	short-oval	oval
<input type="checkbox"/> Tuber: depth of eyes	shallow	shallow	shallow
<input type="checkbox"/> *Tuber: colour of skin	light beige	light beige	light beige
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow	yellow
<input checked="" type="checkbox"/> *Tuber: colour of flesh	white	white	cream

<input type="checkbox"/>	Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak	absent or very weak
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Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Eva’	‘Coliban’	‘St John’	
<input type="checkbox"/>	Stem: thickness of main stem	medium	medium	medium
<input checked="" type="checkbox"/>	Leaflet (terminal): width	medium-broad	medium-broad	broad
<input checked="" type="checkbox"/>	Leaflet (terminal): size	medium-large	large	large
<input type="checkbox"/>	Tuber: smoothness of skin	smooth	smooth	smooth-medium

Statistical Table

Organ/Plant Part: Context	‘Eva’	‘Coliban’	‘St John’	
<input type="checkbox"/>	Plant: height (cm)			
	Mean	26.00	34.00	29.00
	Std. Deviation	5.00	5.00	3.00
	LSD/sig	4	P≤0.01	ns
<input checked="" type="checkbox"/>	Leaf: size (cm)			
	Mean	8.70	12.00	10.20
	Std. Deviation	0.70	1.30	2.90
	LSD/sig	1.8	P≤0.01	ns
<input type="checkbox"/>	Leaflet: length - excluding petiole (cm)			
	Mean	8.70	12.00	10.20
	Std. Deviation	0.70	1.30	2.90
	LSD/sig	1.8	P≤0.01	ns
<input type="checkbox"/>	Leaflet : length -including petiole (cm)			
	Mean	10.60	14.00	12.40
	Std. Deviation	0.90	1.40	1.30
	LSD/sig	1.2	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Leaflet: width (cm)			
	Mean	6.60	8.50	7.90
	Std. Deviation	0.50	0.70	0.60
	LSD/sig	0.6	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Tuber: length (mm)			
	Mean	66.30	75.00	76.90
	Std. Deviation	7.80	9.10	11.20
	LSD/sig	4.0	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Tuber: width (mm)			
	Mean	56.50	61.80	58.60
	Std. Deviation	6.20	6.10	6.90
	LSD/sig	2.7	P≤0.01	ns

Prior Applications and Sales

No prior application. First sold in USA in Apr 2000.

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

Plant Varieties Journal - Search Result Details

Italian Ryegrass (*Lolium multiflorum*)

Variety: 'Sonik'
Synonym: N/A

Application no: 2005/176
Current status: ACCEPTED
Certificate no: N/A
Received: 30-May-2005
Accepted: 29-Jul-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Cropmark Seeds Australia Pty Ltd
Agent: N/A
Telephone: N/A
Fax: N/A

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

Details of Application

Application Number	2005/176
Variety Name	'Sonik'
Genus Species	<i>Lolium multiflorum</i>
Common Name	Italian Ryegrass
Synonym	Nil
Accepted Date	29 Jul 2005
Applicant	Cropmark Seeds Pty Ltd, Attwood, VIC.
Agent	Nil
Qualified Person	Nick Cameron

Details of Comparative Trial

Location	Lincoln, New Zealand
Descriptor	Ryegrass (<i>Lolium</i> spp.) TG/4/7
Period	Apr 2004 to Mar 2005
Conditions	Plants raised in the glasshouse, autumn transplanted, field measurements taken.
Trial Design	Randomised complete block, 100 plants per variety.
Measurements	From 60 plants taken at random.
RHS Chart - edition	Nil

Origin and Breeding

Open pollination: 'Sonik' is a synthetic polycross variety of 4 clonally replicated genotypes. In 1996, 90 different accessions were collected from world-wide sources and between 30 to 150 seeds per line planted individually in root-trainers in autumn 1997. The seedlings were selected for tiller density and freedom from disease and 12,000 plants spaced planted in the field in mid-winter. At head emergence 120 plants were selected for winter and early spring yield and these plants were inter-pollinated in different isolations. Seed from each of the 120 plants was re-seeded into root-trainers in autumn 1998 and these seedlings were again selected for tiller density and freedom from disease and 10,000 plants spaced planted in the field in mid-winter of 1998. Two further selection cycles were carried out using similar selection parameters and plant numbers from 1998 to 2000 thus completing 4 cycles of selection. Three plants were then selected in autumn 2001 from this fourth cycle pool as well as a single plant selection from the cultivar 'Tabu' and the four plants polycrossed in isolation to form 'Sonik'. The maternal origin of the 3 recurrent selected parents used in this cross is represented by 'Corvette' and 'Concord' varieties. Selection criteria: increased tiller density, high seasonal yield, freedom from diseases. Propagation: seed. Breeder: Nick Cameron, Cropmark Seed Ltd.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	days to heading	late
Plant	ploidy	diploid

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Concord'	Late heading and diploid
'Conker'	Late heading and diploid
'Conquest'	Late heading and diploid
'Crusader'	Late heading and diploid
'Dargle'	Late heading and diploid
'Flanker'	Late heading and diploid
'Tabu'	Late heading and diploid

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Cordura'	Plant Time of inflorescence emergence in year of sowing	late	medium to late
'Corvette'	Plant Time of inflorescence emergence in year of sowing	late	medium
'Kano'	Plant Time of inflorescence emergence in year of sowing	late	medium to late
'Marbella Sud'	Plant Time of inflorescence emergence in year of sowing	late	medium to late
'Mariner'	Plant Time of inflorescence emergence in year of sowing	late	late to very late
'Missile'	Plant Time of inflorescence emergence in year of sowing	late	early to medium
'Prime'	Plant Time of inflorescence emergence in year of sowing	late	late to very late
'Progrow'	Plant Time of inflorescence emergence in year of sowing	late	medium to late
'Status'	Plant Time of inflorescence emergence in year of sowing	late	medium
'Warrior'	Plant Time of inflorescence emergence in year of sowing	late	medium
'Exalta'	Plant Time of inflorescence emergence in year of sowing	late	medium to 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	‘Sonik’	‘Concord’	‘Conker’	‘Conquest’	‘Crusader’	‘Dargle’	‘Flanker’	‘Tabu’
<input type="checkbox"/> *Plant: Ploidy	diploid	diploid	diploid	diploid	diploid	diploid	diploid	diploid
<input type="checkbox"/> *Plant: Time of inflorescence emergence in year of sowing	late	late	late	late	late	late	late	late
<input type="checkbox"/> *Vegetative Leaf: colour	medium green	medium green	dark green	medium green	medium green to dark green	medium green to dark green	medium green to dark green	medium green to dark green
<input type="checkbox"/> Plant: growth habit in spring	medium	semi-erect to medium	semi-erect to medium	medium	semi-erect	medium	medium	semi-erect to medium
<input checked="" type="checkbox"/> *Flag leaf: length	medium to long	medium	medium	medium to long	medium to long	medium	medium	medium
<input checked="" type="checkbox"/> *Flag leaf: width	medium	medium	medium to broad	medium to broad	broad	medium to broad	medium	medium to broad
<input checked="" type="checkbox"/> *Stem: length of longest stem	medium	medium	medium to long	medium	medium	medium to long	medium	medium
<input type="checkbox"/> Inflorescence: length	medium	medium	medium	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Inflorescence: number of spikelets	medium	medium	medium	medium	medium	medium	medium to many	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sonik’	‘Concord’	‘Conker’	‘Conquest’	‘Crusader’	‘Dargle’	‘Flanker’	‘Tabu’
<input checked="" type="checkbox"/> Vegetative leaf: length	medium to long	medium to long	medium to long	medium to long	medium to long	medium to long	medium	medium to long
<input checked="" type="checkbox"/> Vegetative leaf: width	medium	medium to broad	broad	broad	broad to very broad	broad	medium to broad	broad
<input checked="" type="checkbox"/> Stem: base to top node length	medium	medium	medium	medium	medium	medium to long	medium	short to medium
<input checked="" type="checkbox"/> Plant: growth habit in early spring	medium	semi-erect to medium	semi-erect to medium	medium	semi-erect to medium	medium	medium	medium
<input type="checkbox"/> Rachis: internode length	medium	medium	medium	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Spikelet: length	medium	medium	medium	medium	medium to long	medium to long	medium	medium
<input checked="" type="checkbox"/> Glume: length	long	long	long	medium to long	long	long	long	long
<input checked="" type="checkbox"/> Stem: upper internode length	medium	medium to long	medium to long	medium to long	medium	medium to long	medium to long	medium
<input checked="" type="checkbox"/> Stem: base to spike length	medium	medium	medium to long	medium	medium	medium to long	medium	medium
<input checked="" type="checkbox"/> Plant: growth score in winter	strong	medium to strong	strong	strong	medium to strong	medium to strong	medium to strong	medium to strong

Statistical Table

Organ/Plant Part: Context	‘Sonik’	‘Concord’	‘Conker’	‘Conquest’	‘Crusader’	‘Dargle’	‘Flanker’	‘Tabu’
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<input type="checkbox"/>	Plant: growth habit in early spring (Score 1-9, 1= erect, 9 = prostrate)							
Mean	5.20	6.00	6.10	5.30	6.40	5.20	5.30	5.60
<input type="checkbox"/>	Plant: growth habit in spring (Score 1-9, 1= erect, 9 = prostrate)							
Mean	3.10	3.80	3.90	3.10	4.50	3.20	3.60	4.00
<input type="checkbox"/>	Plant: growth score in winter (Score 1-9, 1= very weak, 9 = very strong)							
Mean	7.60	6.80	6.80	6.90	6.50	6.70	6.60	6.40
<input checked="" type="checkbox"/>	Inflorescence: spikelet number							
Mean	33.20	35.20	34.40	35.40	34.10	35.60	37.20	34.70
Std. Deviation	5.22	4.81	4.16	5.65	5.16	4.82	4.46	5.08
LSD/sig	2.68	ns	ns	ns	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/>	Stem: base to top node length (cm)							
Mean	45.40	45.70	46.90	44.60	42.70	52.00	43.30	40.00
Std. Deviation	6.60	8.79	8.01	9.34	7.86	8.48	9.49	7.59
LSD/sig	4.58	ns	ns	ns	ns	ns	ns	P≤0.01
<input type="checkbox"/>	Inflorescence: length (cm)							
Mean	26.90	27.70	28.10	24.80	27.70	27.50	26.80	26.80
Std. Deviation	4.12	4.73	3.61	5.02	4.93	4.99	4.08	3.30
LSD/sig	2.33	ns						
<input checked="" type="checkbox"/>	Stem: upper internode length (cm)							
Mean	20.60	25.60	25.50	24.80	23.70	24.00	24.60	5.54
Std. Deviation	3.37	6.24	6.43	6.21	6.49	5.89	6.00	23.40
LSD/sig	3.2	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/>	Flag leaf: length (cm)							
Mean	20.00	17.60	17.80	18.60	19.70	17.20	16.10	16.90
Std. Deviation	3.92	4.40	4.36	4.93	4.53	4.72	4.06	4.49
LSD/sig	2.16	P≤0.01	P≤0.01	ns	ns	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/>	Flag leaf: width (mm)							
Mean	7.66	8.24	8.47	8.54	9.36	8.59	8.29	8.60
Std. Deviation	1.16	1.30	1.39	1.21	2.17	1.32	1.89	1.32
LSD/sig	0.68	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/>	Vegetative leaf: length (cm)							
Mean	27.40	27.40	26.90	27.60	27.60	27.10	24.90	26.80
Std. Deviation	3.67	3.77	3.70	3.80	3.30	3.76	3.52	3.17
LSD/sig	1.99	ns	ns	ns	ns	ns	P≤0.01	ns
<input checked="" type="checkbox"/>	Vegetative leaf: width (mm)							
Mean	7.88	8.97	9.39	9.50	9.94	9.75	9.06	9.72
Std. Deviation	1.24	1.32	1.39	1.08	1.26	1.40	1.44	1.12
LSD/sig	0.63	P≤0.01						
<input type="checkbox"/>	Plant: time of inflorescence emergence in year of sowing (days from 1 st September)							
Mean	68.00	68.00	67.80	69.80	68.70	68.40	67.30	67.50
Std. Deviation	3.10	3.89	4.41	2.97	4.75	3.98	3.83	3.98
LSD/sig	2.12	ns						
<input checked="" type="checkbox"/>	Spikelet: length (mm)							
Mean	15.34	15.27	16.67	13.95	16.93	17.53	15.46	15.81
Std. Deviation	2.25	2.34	2.63	2.20	2.99	2.43	2.40	2.29
LSD/sig	1.46	ns	ns	ns	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/>	Glume: length (mm)							
Mean	8.10	7.44	7.33	6.36	7.68	8.94	7.38	7.65
Std. Deviation	1.51	1.77	1.67	1.16	1.49	2.01	1.56	1.72
LSD/sig	1.09	ns	ns	P≤0.01	ns	ns	ns	ns

<input type="checkbox"/>	Rachis: internode length								
Mean	11.80	11.80	12.30	10.80	12.20	11.60	11.10	11.30	
Std. Deviation	2.06	2.93	2.39	2.27	2.32	2.35	2.02	1.80	
LSD/sig	1.12	ns	ns	ns	ns	ns	ns	ns	
<input checked="" type="checkbox"/>	Stem: length of longest stem (cm)								
Mean	93.00	98.90	100.20	94.30	94.30	103.50	94.70	90.20	
Std. Deviation	0.83	1.35	1.14	1.42	1.23	1.27	1.41	1.13	
LSD/sig	7.07	ns	P≤0.01	ns	ns	P≤0.01	ns	ns	
<input checked="" type="checkbox"/>	Stem: base to spike length (cm)								
Mean	66.00	71.30	72.30	69.50	66.50	76.00	67.90	63.40	
Std. Deviation	6.38	11.29	10.20	11.92	10.49	8.89	11.42	9.98	
LSD/sig	5.82	ns	P≤0.01	ns	ns	P≤0.01	ns	ns	

Prior Applications and Sale

Country	Year	Current Status	Name Applied
New Zealand	2004	Applied	'Sonik'

First sold in New Zealand in Feb 2005. First Australian sale Mar 2005.

Description: Nick Cameron, Darfield, New Zealand.

Plant Varieties Journal - Search Result Details

Perennial Ryegrass (*Lolium perenne*)

Variety: 'Revolution'

Synonym: N/A

Application no: 2005/177

Current status: ACCEPTED

Certificate no: N/A

Received: 30-May-2005

Accepted: 20-Jul-2005

Granted: N/A

**Description
published in
Plant Varieties
Journal:**

Volume 18, Issue 3

Title Holder: Cropmark Seeds Australia Pty Ltd

Agent: N/A

Telephone: N/A

Fax: N/A

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

Details of Application

Application Number	2005/177
Variety Name	'Revolution'
Genus Species	<i>Lolium perenne</i>
Common Name	Perennial Ryegrass
Synonym	Nil
Accepted Date	20 Jul 2005
Applicant	Cropmark Seeds Pty Ltd Attwood, VIC.
Agent	Nil
Qualified Person	Nick Cameron

Details of Comparative Trial

Location	Lincoln, New Zealand
Descriptor	Ryegrass
Period	Ryegrass (<i>Lolium</i> spp.) TG/4/7
Conditions	Plants raised in the glasshouse, autumn transplanted, field measurements taken.
Trial Design	Randomised complete block, 100 plants per variety.
Measurements	From 60 plants taken at random.
RHS Chart - edition	Nil

Origin and Breeding

Open pollination: LP2002CDA is a synthetic polycross variety of twelve clonally replicated genotypes, bred by Nick Cameron of Cropmark Seeds Ltd. In 1996 120 accessions were collected from world-wide sources and between 30 to 150 seeds per line were planted individually in root-trainers in autumn 1997. The resultant seedlings were selected for tiller number and freedom from disease and approximately 10,000 genotypes spaced planted in the field in mid winter using a spacing of 50cm x 80cm per plant. At head emergence 100 genotypes were selected for yield, tiller density, and freedom from disease from this population and pollination of this material was controlled by placing these plants in separate heading groups in isolation. Seed from each of these selected genotypes was then re-seeded the following autumn to start a further recurrent selection cycle and the same process repeated for 4 more subsequent cycles (years). In autumn 2002 at the end of the fifth cycle 12 parents with similar heading date and growth morphology were selected and crossed to form LP2002CDA. Sixty clonal replicates of each plant were used. The seed from only 4 of the 12 genotypes contained AR1 endophyte and this seed was blended to form LP2002CDA nucleus seed in autumn 2003. This seed was further increased to produce breeder's seed in 2004. LP2002CDA comprises the following parents: LP399/15, LP415/28, LP452/55, LP461/60, LP461/61, LP461/62, LP479/83, LP479/84, LP482/92, LP483/96, LP483/98, LP483/102. The maternal origins are: 'FP18' (3 parents - meadow fescue origin), 'G. Impact' (7 parents), 'Bronsyn' (1 parent), 'G. Samson' (1 parent). Selection criteria: increased tiller density, high seasonal yield, freedom from diseases. Propagation: seed. Breeder: Nick Cameron, Cropmark Seed Ltd.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	time of inflorescence emergence in year of sowing	medium
Plant	Ploidy	diploid

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Geyser'	medium heading and diploid
'Grasslands Manawa'	medium heading and diploid
'Valiant'	medium heading and diploid

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Maverick Gold'	Plant time of inflorescence emergence in year of sowing	medium	medium to late
'Matrix'	Plant time of inflorescence emergence in year of sowing	medium	medium to late
'GN139'	Plant time of inflorescence emergence in year of sowing	medium	medium to late
'Grasslands Impact'	Plant time of inflorescence emergence in year of sowing	medium	medium to late
'Grasslands Marsden'	Plant time of inflorescence emergence in year of sowing	medium	early
'Grasslands Supreme Plus'	Plant time of inflorescence emergence in year of sowing	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	‘Revolution’	‘Geysler’	‘Grasslands Manawa’	‘Valiant’
<input type="checkbox"/> *Plant: Ploidy	diploid	diploid	diploid	diploid
<input type="checkbox"/> *Plant: Time of Inflorescence emergence in year of sowing	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Leaf: colour	medium green	medium green	light green to medium green	medium green
<input checked="" type="checkbox"/> Plant: growth habit in spring	medium	semi-erect to medium	medium	medium
<input checked="" type="checkbox"/> *Flag leaf: length	medium	medium	medium	short to medium
<input checked="" type="checkbox"/> *Flag leaf: width	medium	medium to broad	medium to broad	medium
<input checked="" type="checkbox"/> *Stem: length of longest stem	medium	medium	medium to long	medium to long
<input checked="" type="checkbox"/> Inflorescence: length	short to medium	short to medium	medium to long	medium to long
<input checked="" type="checkbox"/> Inflorescence: number of spikelets	medium	many	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Revolution’	‘Geysler’	‘Grasslands Manawa’	‘Valiant’
<input checked="" type="checkbox"/> Vegetative leaf: length	medium	medium to long	medium to long	medium to long
<input checked="" type="checkbox"/> Stem: base to spike length	medium	medium	medium	medium to long
<input checked="" type="checkbox"/> Stem: base to top node length	medium	medium to long	medium to long	long
<input type="checkbox"/> Plant: growth habit in early spring	semi-prostrate	medium to semi-prostrate	medium to semi-prostrate	medium to semi-prostrate
<input checked="" type="checkbox"/> Vegetative leaf: width	medium	broad	medium to broad	medium to broad
<input checked="" type="checkbox"/> Rachis: internode length	short to medium	short to medium	medium	medium
<input checked="" type="checkbox"/> Spikelet: length	medium	medium	long	medium to long
<input checked="" type="checkbox"/> Glume: length	medium	short	short to medium	short
<input type="checkbox"/> Stem: upper internode length	medium	medium	medium	medium
<input type="checkbox"/> Plant: growth score in winter	medium	medium	medium	medium

Statistical Table

Organ/Plant Part: Context	‘Revolution’	‘Geysler’	‘Grasslands Manawa’	‘Valiant’
<input type="checkbox"/> Plant: growth habit in early spring (Score 1-9, 1= erect, 9 = prostrate) Mean	6.90	6.10	5.80	6.00
<input type="checkbox"/> Plant: time of inflorescence emergence in year of sowing (days from 1st September)				

Mean	66.30	67.30	67.10	67.90
Std. Deviation	4.29	4.06	3.12	3.54
LSD/sig	2.41	ns	ns	ns
<input checked="" type="checkbox"/> Rachis: internode length (mm)				
Mean	10.90	9.90	12.80	12.40
Std. Deviation	1.68	2.51	2.08	2.23
LSD/sig	1.06	ns	P≤0.01	P≤0.01
<input type="checkbox"/> Plant: growth habit in spring (Score 1-9, 1= erect, 9 = prostrate)				
Mean	5.40	4.30	4.90	4.90
<input checked="" type="checkbox"/> Stem: length of longest stem (cm)				
Mean	71.40	76.80	80.70	81.40
Std. Deviation	9.45	10.65	8.21	10.28
LSD/sig	6.06	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Stem: base to spike length (cm)				
Mean	48.70	52.60	53.40	54.20
Std. Deviation	7.58	8.37	8.43	8.55
LSD/sig	5.00	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Stem: base to top node length (cm)				
Mean	27.10	31.10	33.70	34.30
Std. Deviation	6.52	7.93	5.40	6.51
LSD/sig	3.60	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Stem: upper internode length (cm)				
Mean	21.60	21.40	19.70	19.80
Std. Deviation	4.61	5.22	4.67	5.22
LSD/sig	3.11	ns	ns	ns
<input checked="" type="checkbox"/> Flag leaf: width (mm)				
Mean	7.05	8.03	7.77	6.97
Std. Deviation	1.05	1.60	1.48	1.18
LSD/sig	0.72	P≤0.01	P≤0.01	ns
<input checked="" type="checkbox"/> Vegetative leaf: length (cm)				
Mean	20.70	24.20	23.50	24.10
Std. Deviation	2.94	3.60	3.57	3.58
LSD/sig	2.20	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Vegetative leaf: width (mm)				
Mean	6.30	9.16	7.35	7.56
Std. Deviation	0.70	1.36	1.22	0.94
LSD/sig	0.94	P≤0.01	P≤0.01	P≤0.01
<input type="checkbox"/> Vegetative leaf: colour score (Score 1-9, 1= very light green, 9=very dark green)				
Mean	5.20	4.70	4.60	4.90
<input type="checkbox"/> Plant: growth score in winter (Score 1-9, 1= very weak, 9 = very strong)				
Mean	5.30	6.10	4.80	5.30
<input checked="" type="checkbox"/> Flag leaf: length (cm)				
Mean	16.90	16.60	15.50	14.60
Std. Deviation	3.40	3.64	3.58	3.80
LSD/sig	1.80	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: length (cm)				

Mean	22.70	24.20	27.40	27.20
Std. Deviation	3.30	4.30	3.62	3.68
LSD/sig	1.82	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: spikelet number				
Mean	30.40	36.30	31.40	32.30
Std. Deviation	4.60	5.15	4.68	4.60
LSD/sig	2.67	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Spikelet: length (mm)				
Mean	15.64	16.25	18.17	17.38
Std. Deviation	1.78	2.46	2.55	2.14
LSD/sig	1.15	ns	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Glume: length (mm)				
Mean	10.22	7.99	8.72	8.40
Std. Deviation	1.56	1.51	1.63	1.39
LSD/sig	0.87	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2004	Applied	'Revolution'

First sold in New Zealand in Feb 2005. First Australian sale Mar 2005.

Description: Nick Cameron, Darfield, New Zealand.

Potato (*Solanum tuberosum*)

Variety: 'Cabaret'
Synonym: N/A

Application no: 2003/147
Current status: ACCEPTED
Certificate no: N/A
Received: 17-Jun-2003
Accepted: 02-Jul-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Cygnet Potato Breeders Limited
Agent: Elders Limited
Telephone: 0884254177
Fax: 0882121193

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



Details of Application

Application Number	2003/147
Variety Name	'Cabaret'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	2 Jul 2003
Applicant	Cygnets Potato Breeders Limited, Scotland, UK
Agent	Elders Limited, Adelaide, UK.
Qualified Person	Prue McMichael

Details of Comparative Trial

Location	Virginia, South Australia
Descriptor	UPOV TG/23/5 Potato
Period	Planted 15 Jul 2004; harvested 17 Dec 2004
Conditions	The comparative trial was established in Virginia on the northern Adelaide Plains, South Australia, on 15 Jul 2004. There were 30 varieties included in the trial, of which 4 were PBR Part 2 candidates. Field-grown, certified tubers were planted in the experimental plot in 14 rows. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparator/s were replicated three times. The soil type was sandy-loam. Pre-plant, NPK (10:3:10) fertiliser was applied. During the growing season ammonium nitrate, urea, trace elements and potassium nitrate were applied. Pest and disease management was achieved with applications of registered insecticides and fungicides. Plants were knocked down by a desiccant. Irrigation was via solid set sprinklers. The plots were harvested on 17 Dec 2004. Trial observations were made regularly with measurements being taken at random from fifteen plants within the trial and twenty five tubers per replicate.
Trial Design	There were 30 varieties included in the trial, of which 4 were PBR Part 2 candidates. Field-grown, certified tubers were planted in the experimental plot in 14 rows. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparators were replicated three times.
Measurements	Trial observations were made regularly with measurements being taken from twenty plants and twenty five tubers per replicate.

Origin and Breeding

Controlled pollination: seed parent 'Morag' x pollen parent 'Maris Piper'. The seed parent was characterised a very high frequency of flowers. The pollen parent was characterised by high frequency of berries. True seed was sown to produce a seedling tuber in Cambridge, UK followed by a multiplication stage carried out in Perth, Scotland. The line was then maintained clonally in the UK. Selection of 'Cabaret' was initially made on single plants grown in Scotland using agronomic traits (size, shape and skin finish), followed by several years of trials after which it was selected on the

basis of fry colour, yield, skin finish and disease resistance. No off-types have been reported or observed in the 11 years of propagation and trialling. The variety has been stable for at least 13 generations in its current form. Breeder: Plant Breeding International Limited, Cambridge, England, United Kingdom.

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

Organ/Plant Part: Context		State of Expression in Group of Varieties
Flower corolla	colour of inner side	red-violet
Tuber	colour of flesh	cream
Tuber	colour of skin	white

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Harmony'	
'Nadine'	
'Morag'	seed parent
'Maris Piper'	pollen parent
'Accord'	
'Friar'	
'Argos'	Identified in Part 1 application as being the closest variety of common knowledge. However, it's flower is blue-violet not red violet.
'Pentland Dell'	Identified in Part 1 application as being a similar variety of common knowledge. However, it's flower is white not red-violet.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context			
'Morag'	Plant	frequency of flowers	few	very high	
'Maris Piper'	Plant	frequency of fruits	absent	occasional-frequent	
'Friar'	Lightsprout	shape	ovoid	conical	
'Accord'	Lightsprout	shape	ovoid	conical	
'Argos'	Leaf (midrib)	frequency of secondary leaflets	high	low	Also has a blue-violet flower.
'Pentland Dell'	Flower corolla	colour of inner side	red-violet	white	

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

Organ/Plant Part: Context	‘Cabaret’	‘Harmony’	‘Nadine’
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type	intermediate type
<input checked="" type="checkbox"/> *Plant: growth habit	semi-upright	upright to semi-upright	upright
<input type="checkbox"/> *Stem: anthocyanin colouration	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Leaf: openness	intermediate	intermediate	intermediate
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	strong	strong	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of coalescence	low	low	low
<input type="checkbox"/> Leaflet: waviness of margin	weak to medium	weak to medium	weak
<input type="checkbox"/> Leaflet: depth of veins	shallow	shallow	shallow
<input checked="" type="checkbox"/> Leaflet: glossiness of the upper side	dull	dull to medium	medium
<input checked="" type="checkbox"/> Plant: height	medium	medium	tall
<input checked="" type="checkbox"/> *Plant: frequency of flowers	absent or very low	low	absent or very low
<input checked="" type="checkbox"/> *Tuber: shape	long-oval	short-oval	short-oval
<input type="checkbox"/> Tuber: depth of eyes	shallow	shallow	shallow
<input type="checkbox"/> *Tuber: colour of skin	light beige	light beige	light beige
<input type="checkbox"/> *Tuber: colour of base of eye	yellow	yellow	yellow
<input type="checkbox"/> *Tuber: colour of flesh	cream	cream	cream
<input type="checkbox"/> Tuber: anthocyanin colouration of skin in reaction to light (light beige and yellow skinned varieties only)	absent or very weak	absent or very weak	absent or very weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Cabaret’	‘Harmony’	‘Nadine’
<input type="checkbox"/> Leaflet (terminal): width	medium	medium	medium-broad
<input type="checkbox"/> Leaflet (terminal): size	medium	medium	medium
<input checked="" type="checkbox"/> Tuber: smoothness of skin	smooth-medium	smooth	smooth
<input type="checkbox"/> Stem: thickness of main stem	medium	medium	medium-thick

Statistical Table

Organ/Plant Part: Context	‘Cabaret’	‘Harmony’	‘Nadine’
<input type="checkbox"/> Plant: height (cm)			
Mean	30.00	30.00	45.00
Std. Deviation	4.00	4.00	2.00
LSD/sig	3	ns	P≤0.01
<input type="checkbox"/> Leaf: size (cm)			
Mean	21.10	17.60	20.20
Std. Deviation	2.60	1.70	1.30
LSD/sig	1.9	P≤0.01	ns

<input type="checkbox"/> Leaflet : length -excluding petiole (cm)			
Mean	7.80	6.70	7.90
Std. Deviation	1.30	0.70	0.70
LSD/sig	0.9	P≤0.01	ns
<input type="checkbox"/> Leaflet: length -including petiole (cm)			
Mean	9.70	7.70	9.40
Std. Deviation	1.60	0.90	0.70
LSD/sig	1.1	P≤0.01	ns
<input type="checkbox"/> Leaflet: width (cm)			
Mean	5.90	4.60	6.30
Std. Deviation	0.60	0.70	0.40
LSD/sig	0.6	P≤0.01	ns
<input checked="" type="checkbox"/> Tuber: length (mm)			
Mean	76.40	68.30	71.10
Std. Deviation	11.00	10.20	8.50
LSD/sig	4.2	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Tuber : width (mm)			
Mean	47.40	59.80	56.10
Std. Deviation	5.80	8.50	5.60
LSD/sig	2.9	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	'Cabaret'
United Kingdom	2001	Granted	'Cabaret'
New Zealand	2004	Applied	'Cabaret'
EU	2002	Granted	'Cabaret'

First sold in UK in Oct 2001.

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

Everlasting Daisy (*Bracteantha bracteata*)

Variety: 'Flobragbi'

Synonym: N/A

Application no: 2004/258

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Sep-2004

Accepted: 18-Nov-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

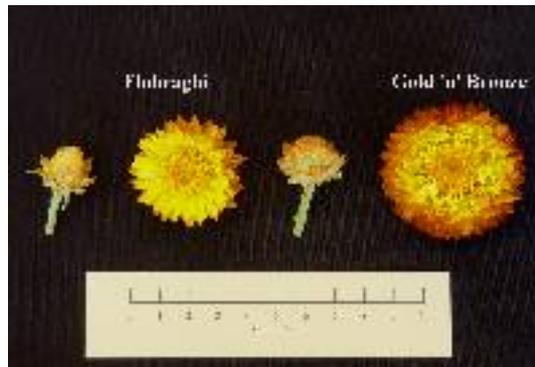
Title Holder: Floreta Pty Ltd as trustee for the Sundaze Beauty Trust

Agent: N/A

Telephone: N/A

Fax: 0332068922

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



Details of Application

Application Number	2004/258
Variety Name	'Flobragbi'
Genus Species	<i>Bracteantha bracteata</i>
Common Name	Everlasting Daisy
Synonym	Nil
Accepted Date	18 Nov 2004
Applicant	Floreta Pty Ltd as trustee for the Sundaze Beauty Trust
Agent	N/A
Qualified Person	Dr K.V. Bunker

Details of Comparative Trial

Location	Redland Bay, Queensland
Descriptor	UPOV TG 205/1 Everlasting Daisy (Bracteantha)
Period	Mar - Sep 2005
Conditions	Cuttings were taken in Mar 2005 and potted on to 200mm pots in Apr 2005, with one plant per pot in pine bark medium with slow release fertiliser. Plants were grown in full sun under hailcloth at Redland Bay, Queensland, with overhead irrigation. No growth regulators or pinching treatments were applied. Plants were assessed in Sep 2005.
Trial Design	Ten plants of each variety arranged in a Completely Randomised Block.
Measurements	One sample per plant.
RHS Chart - edition	1966

Origin and Breeding

Controlled pollination: 'Flobragbi' was the result of a controlled pollination of two selected *Bracteantha* varieties in a planned breeding program conducted in Feb 1997. Seed was collected in Mar 1997 and 'Flobragbi' was selected from the resultant seedlings in Jun 1998. It was selected for its narrow leaves, compact plant habit and floriferous nature. The variety was vegetatively propagated through several generations to ensure uniformity. The variety is propagated by cuttings and tissue culture. Breeder: Redlands Nursery, Redland Bay, 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
Involucre	main colour	yellow
Plant	type	bushy
Plant	height of foliage	short
Involucre	number of colours	more than one
Leaf	width	very narrow

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Gold 'n' Bronze'	

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

Organ/Plant Part: Context	'Flobragbi'	'Gold 'n' Bronze'
<input type="checkbox"/> *Plant: type	bushy	bushy
<input type="checkbox"/> Plant: growth habit (bushy types only)	upright	upright
<input type="checkbox"/> Stem: hairiness	absent or weak	absent or weak
<input type="checkbox"/> Leaf: width	narrow	narrow
<input type="checkbox"/> Leaf: position of broadest part	middle third	middle third
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: main colour of upper side	yellow green	yellow green
<input type="checkbox"/> Leaf: hairiness of upper side	absent or weak	absent or weak
<input type="checkbox"/> Leaf: hairiness of lower side	absent or weak	absent or weak
<input type="checkbox"/> Leaf: undulation of margin	absent or weak	absent or weak
<input type="checkbox"/> Flowering shoot: branching	strong	strong
<input checked="" type="checkbox"/> Flower bud: profile of apex	pointed	rounded
<input checked="" type="checkbox"/> Flower bud: main colour (RHS colour chart)	Yellow orange group – 14A	Greyed orange group - 167D
<input type="checkbox"/> Flower head: predominant position in relation to foliage	moderately above	moderately above
<input type="checkbox"/> Flower head: side view of lower part	concave	concave
<input type="checkbox"/> Flower head: side view of upper part	concave	concave
<input type="checkbox"/> *Involucre: number of colours	more than one	more than one
<input type="checkbox"/> *Involucre: main colour	yellow	yellow
<input type="checkbox"/> Bract: main colour of lower third of bract from inner third of involucre (RHS colour chart)	Yellow group - 13A	Yellow group - 13A
<input type="checkbox"/> Bract: main colour of middle third of bract from inner third of involucre (RHS colour chart)	Yellow group - 13A	Yellow group - 13A
<input type="checkbox"/> Bract: main colour of upper third of bract from inner third of involucre (RHS colour chart)	Yellow group - 13A	Yellow group - 13A
<input checked="" type="checkbox"/> Bract: main colour of lower third of bract from middle third of involucre (RHS colour chart)	Yellow group - 13A	Greyed orange group - 163B
<input checked="" type="checkbox"/> Bract: main colour of middle third of bract from middle third of involucre (RHS colour chart)	Yellow group - 13A	Greyed orange group - 163A
<input checked="" type="checkbox"/> Bract: main colour of upper third of bract from middle third of involucre (RHS colour chart)	Yellow group - 13A	Greyed orange group - 166B
<input type="checkbox"/> Bract: main colour of lower third of bract from outer third	Greyed orange	Greyed orange

of involucre (RHS colour chart)	group - 163B	group - 163D
<input type="checkbox"/> Bract: main colour of middle third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - 163A	Greyed orange group - 164C
<input type="checkbox"/> Bract: main colour of upper third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - 166B	Greyed orange group - 165A

Statistical Table

Organ/Plant Part: Context	‘Flobragbi’	‘Gold ’n’ Bronze’
<input checked="" type="checkbox"/> Plant: height including flowers (cm)		
Mean	18.25	26.25
Std. Deviation	2.22	1.98
LSD/sig	2.76	P≤0.01
Method Used	ANOVA	
<input checked="" type="checkbox"/> Plant: height of foliage (cm)		
Mean	12.38	19.50
Std. Deviation	2.33	2.14
LSD/sig	2.93	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Leaf: length (mm)		
Mean	74.75	76.82
Std. Deviation	11.33	7.72
LSD/sig	12.72	ns
Method Used	ANOVA	
<input type="checkbox"/> Leaf: width (mm)		
Mean	7.15	6.20
Std. Deviation	1.05	0.69
LSD/sig	1.17	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Leaf: ratio length/width		
Mean	10.52	12.46
Std. Deviation	1.15	1.35
LSD/sig	1.65	P≤0.01
Method Used	ANOVA	
<input checked="" type="checkbox"/> Flowering shoot: length (mm)		
Mean	13.69	23.25
Std. Deviation	2.00	1.16
LSD/sig	2.15	P≤0.01
Method Used	ANOVA	
<input checked="" type="checkbox"/> Flower head: diameter (mm)		
Mean	37.06	44.60
Std. Deviation	1.06	2.51
LSD/sig	2.52	P≤0.01
Method Used	ANOVA	
<input checked="" type="checkbox"/> Flower head: number of bracts		
Mean	153.13	335.13
Std. Deviation	5.74	10.49
LSD/sig	11.10	P≤0.01
Method Used	ANOVA	

<input type="checkbox"/> Bract: length (mm)		
Mean	13.03	12.27
Std. Deviation	0.64	0.37
LSD/sig	0.68	ns
Method Used	ANOVA	
<input type="checkbox"/> Bract: width (mm)		
Mean	5.10	5.01
Std. Deviation	0.23	0.38
LSD/sig	0.41	ns
Method Used	ANOVA	
<input type="checkbox"/> Bract: ratio length/width		
Mean	2.56	2.47
Std. Deviation	0.12	0.26
LSD/sig	0.26	ns
Method Used	ANOVA	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	'Flobragbi'
USA	2004	Applied	'Flobragbi'

First sold in USA in Apr 2003. First Australian sale nil.

Description: **Dr K.V. Bunker**, Floreta Pty Ltd, Redland Bay, Qld.

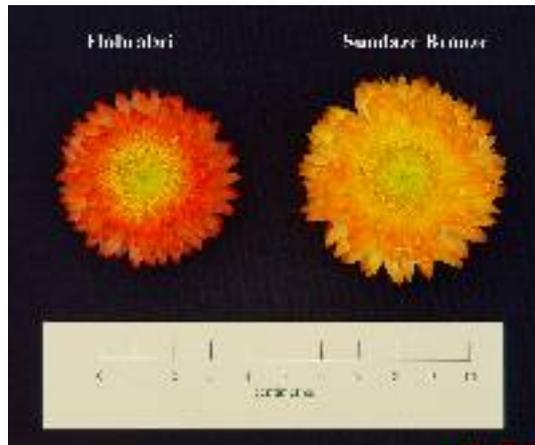
Everlasting Daisy (*Bracteantha bracteata*)

Variety: 'Flobrabri'
Synonym: N/A
Application no: 2004/257
Current status: ACCEPTED
Certificate no: N/A
Received: 08-Sep-2004
Accepted: 18-Nov-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Floreta Pty Ltd as trustee for the Sundaze Trust
Agent: N/A
Telephone: N/A
Fax: 0332068922

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



Details of Application

Application Number	2004/257
Variety Name	'Flobrabri'
Genus Species	<i>Bracteantha bracteata</i>
Common Name	Everlasting Daisy
Synonym	Nil
Accepted Date	18 Nov 2004
Applicant	Floreta Pty Ltd as trustee for the Sundaze Trust
Agent	N/A
Qualified Person	Dr K.V. Bunker

Details of Comparative Trial

Location	Redland Bay, Queensland
Descriptor	UPOV TG 205/1 Everlasting Daisy (Bracteantha)
Period	Mar to Jul 2005
Conditions	Cuttings were taken in Mar 2005 and potted on to 200mm pots in Apr 2005, with one plant per pot in pine bark medium with slow release fertiliser. Plants were grown in full sun under 10% hailcloth at Redland Bay, Queensland, with overhead irrigation. No growth regulators or pinching treatments were applied. Plants were assessed in Jul 2005.
Trial Design	Ten plants of each variety arranged in a Completely Randomized Block
Measurements	One sample per plant.
RHS Chart - edition	1966

Origin and Breeding

Open pollination: 'Flobrabri' was the result of open pollination of a number of selected *Bracteantha* breeding lines in a planned breeding program. Seed was collected in Jan 1999 and the new variety was selected from the resultant seedlings. 'Flobrabri' was selected for its vibrant orange involucre bracts and bushy growth habit. The variety was vegetatively propagated through several generations to ensure uniformity. The variety is propagated by cuttings and tissue culture. Breeder: Redlands Nursery, Redland Bay, 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
Involucre	main colour	orange
Plant	height of foliage	short
Involucre	number of colours	only one

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments	
'Redbrabro'		
<u>Variety Description and Distinctness</u> - Characteristics which distinguish the candidate from one or more of the comparators are marked with a tick.		
Organ/Plant Part: Context	'Flobrabri'	'Redbrabro'
<input type="checkbox"/> *Plant: type	bushy	bushy
<input type="checkbox"/> Plant: growth habit (bushy types only)	upright	upright
<input type="checkbox"/> Plant: height including flowers	short	short
<input type="checkbox"/> Plant: height of foliage	short	short
<input type="checkbox"/> Stem: hairiness	absent or weak	absent or weak
<input type="checkbox"/> Leaf: length	short	short
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> Leaf: position of broadest part	middle third	middle third
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: main colour of upper side	yellow green	yellow green
<input type="checkbox"/> Leaf: hairiness of upper side	absent or weak	absent or weak
<input type="checkbox"/> Leaf: hairiness of lower side	absent or weak	absent or weak
<input type="checkbox"/> Leaf: undulation of margin	absent or weak	absent or weak
<input type="checkbox"/> Flowering shoot: length	very short to short	very short to short
<input type="checkbox"/> Flowering shoot: branching	strong	strong
<input type="checkbox"/> Flower bud: profile of apex	rounded	rounded
<input type="checkbox"/> Flower bud: main colour (RHS colour chart)	Greyed orange group - RHS 176A	Greyed orange group - RHS 175A
<input type="checkbox"/> Flower head: predominant position in relation to foliage	slightly below to slightly above	slightly below to slightly above
<input type="checkbox"/> Flower head: diameter	small to medium	small to medium
<input type="checkbox"/> Flower head: side view of lower part	concave	concave
<input type="checkbox"/> Flower head: side view of upper part	concave	concave
<input type="checkbox"/> *Involucre: number of colours	only one	only one
<input type="checkbox"/> *Involucre: main colour	orange	orange
<input type="checkbox"/> Bract: length	short to medium	short to medium
<input type="checkbox"/> Bract: width	narrow to medium	narrow to medium
<input type="checkbox"/> Bract: ratio length/width	three times as long as broad	three times as long as broad
<input type="checkbox"/> Bract: main colour of lower third of bract from inner third of involucre (RHS colour chart)	Yellow orange group - RHS 17A	Yellow orange group - RHS 17C
<input checked="" type="checkbox"/> Bract: main colour of middle third of	Orange group - RHS 26A	Yellow orange group - RHS

bract from inner third of involucre (RHS colour chart)		23B
<input checked="" type="checkbox"/> Bract: main colour of upper third of bract from inner third of involucre (RHS colour chart)	Greyed orange group - RHS 170A	Greyed orange group - RHS 167B
<input type="checkbox"/> Bract: main colour of lower third of bract from middle third of involucre (RHS colour chart)	Yellow orange group - RHS 17B	Yellow orange group - RHS 17C
<input checked="" type="checkbox"/> Bract: main colour of middle third of bract from middle third of involucre (RHS colour chart)	Greyed orange group - 169C	Yellow orange group - RHS 23A
<input checked="" type="checkbox"/> Bract: main colour of upper third of bract from middle third of involucre (RHS colour chart)	Greyed orange group - 169C	Orange group - RHS 26A
<input type="checkbox"/> Bract: main colour of lower third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - 163B	Greyed orange group - RHS 163C
<input type="checkbox"/> Bract: main colour of upper third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - 166A	Greyed orange group - RHS 166A

Statistical Table

Organ/Plant Part: Context	‘Flobrabri’	‘Redbrabro’
<input type="checkbox"/> Leaf: width (mm)		
Mean	19.18	19.75
Std. Deviation	3.16	3.50
LSD/sig	3.80	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Flowering shoot: length (mm)		
Mean	31.61	26.56
Std. Deviation	2.80	2.31
LSD/sig	3.13	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Plant: height including flowers (cm)		
Mean	33.15	29.85
Std. Deviation	2.60	2.65
LSD/sig	3.00	ns
Method Used	ANOVA	
<input type="checkbox"/> Leaf: ratio length/width		
Mean	5.21	4.88
Std. Deviation	0.51	0.43
LSD/sig	0.54	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Flower head: diameter (mm)		
Mean	53.87	46.58
Std. Deviation	2.26	3.17
LSD/sig	3.14	P≤0.01
Method Used	ANOVA	

<input checked="" type="checkbox"/> Flower head: number of bracts		
Mean	388.30	325.80
Std. Deviation	32.79	24.45
LSD/sig	33.01	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Bract: width (mm)		
Mean	4.48	4.34
Std. Deviation	0.36	0.43
LSD/sig	0.45	ns
Method Used	ANOVA	
<input type="checkbox"/> Bract: ratio length/width		
Mean	2.98	2.76
Std. Deviation	0.25	0.30
LSD/sig	0.32	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Plant: height of foliage (cm)		
Mean	31.28	26.56
Std. Deviation	2.66	2.13
LSD/sig	2.93	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Leaf: length (mm)		
Mean	99.19	95.43
Std. Deviation	13.95	11.08
LSD/sig	14.38	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Bract: length (mm)		
Mean	13.28	11.91
Std. Deviation	0.49	0.97
LSD/sig	0.87	P≤0.01
Method Used	ANOVA	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	'Flobrabri'
USA	2004	Applied	'Flobrabri'

First sold in USA in Apr 2003. First Australian sale nil.

Description: **Dr K.V. Bunker**, Floreta Pty Ltd, Redland Bay, Qld.

Everlasting Daisy (*Bracteantha bracteata*)

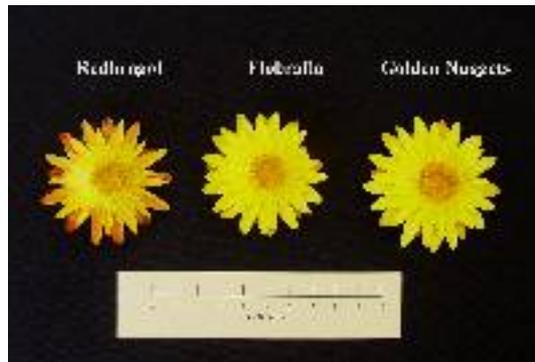
Variety: 'Flobrafla'
Synonym: N/A

Application no: 2004/256
Current status: ACCEPTED
Certificate no: N/A
Received: 08-Sep-2004
Accepted: 18-Nov-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Floreta Pty Ltd as trustee for the Sundaze Trust
Agent: N/A
Telephone: N/A
Fax: 0332068922

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



Details of Application

Application Number	2004/256
Variety Name	'Flobrafla'
Genus Species	<i>Bracteantha bracteata</i>
Common Name	Everlasting Daisy
Synonym	Nil
Accepted Date	18 Nov 2004
Applicant	Floreata Pty Ltd as trustee for the Sundaze Trust
Agent	N/A
Qualified Person	Dr K.V. Bunker

Details of Comparative Trial

Location	Redland Bay, Queensland
Descriptor	UPOV TG 205/1 Everlasting Daisy (Bracteantha)
Period	Mar - Aug 2005
Conditions	Cuttings were taken in Mar 2005 and potted on to 200mm pots in Apr 2005, with one plant per pot in pine bark medium with slow release fertiliser. Plants were grown in full sun under 10% hailcloth at Redland Bay, Queensland, with overhead irrigation. No growth regulators or pinching treatments were applied. Plants were assessed in Aug 2005.
Trial Design	Ten plants of each variety arranged in a Completely Randomised Block.
Measurements	One sample per plant.
RHS Chart - edition	1966

Origin and Breeding

Open pollination: 'Flobrafla' was the result of open pollination of a number of selected *Bracteantha* breeding lines in a planned breeding program. Seed was collected in Jan 1999 and the new variety 'Flobrafla' was selected from the resultant seedlings. 'Flobrafla' was selected for its vibrant two tone flowers and neat compact habit. The variety was vegetatively propagated through several generations to ensure uniformity. The variety is propagated by cuttings and tissue culture. Breeder: Redlands Nursery, Redland Bay, 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
Involucre	main colour	yellow
Plant	type	bushy
Plant	growth habit	upright
Plant	height of foliage	short
Flower head	number of bracts	few
Leaf	width	medium
Flower head	diameter	small to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Redbragol'	
'Golden Nuggets'	

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

Organ/Plant Part: Context	'Flobrafla'	'Golden Nuggets'	'Redbragol'
<input type="checkbox"/> *Plant: type	bushy	bushy	bushy
<input type="checkbox"/> Plant: growth habit (bushy types only)	upright	upright	upright
<input type="checkbox"/> Plant: height including flowers	short	short	short
<input type="checkbox"/> Plant: height of foliage	short	short	short
<input type="checkbox"/> Stem: hairiness	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf: length	short	short	short
<input type="checkbox"/> Leaf: width	medium	medium	medium
<input type="checkbox"/> Leaf: position of broadest part	middle third	middle third	middle third
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate	acuminate
<input type="checkbox"/> *Leaf: variegation	absent	absent	absent
<input type="checkbox"/> Leaf: main colour of upper side	yellow green	yellow green	yellow green
<input type="checkbox"/> Leaf: hairiness of upper side	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf: hairiness of lower side	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf: undulation of margin	medium	absent or weak	absent or weak
<input type="checkbox"/> Flowering shoot: length	very short	very short to short	very short to short
<input type="checkbox"/> Flowering shoot: branching	strong	strong	strong
<input type="checkbox"/> Flower bud: profile of apex	pointed	pointed	pointed
<input checked="" type="checkbox"/> Flower bud: main colour (RHS colour chart)	Greyed orange group - RHS 166B	Yellow group - RHS 14B	Greyed orange group - RHS 173B
<input checked="" type="checkbox"/> Flower head: predominant position in relation to foliage	slightly below to slightly above	moderately above	slightly below to slightly above
<input type="checkbox"/> Flower head: diameter	small to medium	small to medium	small to medium
<input type="checkbox"/> Flower head: side view of lower part	flat	flat	flat
<input type="checkbox"/> Flower head: side view of upper part	convex	convex	convex
<input type="checkbox"/> Flower head: number of bracts	few	few	few
<input checked="" type="checkbox"/> *Involucre: number of colours	more than one	only one	only one
<input type="checkbox"/> *Involucre: main colour	yellow	yellow	yellow
<input type="checkbox"/> Bract: length	medium to long	medium to long	medium to long

<input type="checkbox"/>	Bract: width	medium	medium	medium
<input type="checkbox"/>	Bract: ratio length/width	three times as long as broad	three times as long as broad	three times as long as broad
<input type="checkbox"/>	Bract: main colour of lower third of bract from inner third of involucre (RHS colour chart)	Yellow group - RHS 14B	Yellow group - RHS 14B	Yellow group - RHS 14B
<input type="checkbox"/>	Bract: main colour of middle third of bract from inner third of involucre (RHS colour chart)	Yellow group - RHS 14B	Yellow group - RHS 14B	Yellow group - RHS 14B
<input type="checkbox"/>	Bract: main colour of upper third of bract from inner third of involucre (RHS colour chart)	Yellow group - RHS 14A	Yellow group - RHS 14B	Yellow group - RHS 14B
<input type="checkbox"/>	Bract: main colour of lower third of bract from middle third of involucre (RHS colour chart)	Yellow group - RHS 14B	Yellow group - RHS 14B	Yellow group - RHS 14B
<input checked="" type="checkbox"/>	Bract: main colour of middle third of bract from middle third of involucre (RHS colour chart)	Greyed orange group - RHS 169C	Yellow group - RHS 14B	Yellow group - RHS 14B
<input checked="" type="checkbox"/>	Bract: main colour of upper third of bract from middle third of involucre (RHS colour chart)	Greyed orange group - RHS 169A	Yellow group - RHS 14B	Yellow group - RHS 14B
<input type="checkbox"/>	Bract: main colour of lower third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - RHS 163B	Greyed orange group - RHS 163A	Greyed orange group - RHS 163A
<input type="checkbox"/>	Bract: main colour of middle third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - RHS 163B	Greyed orange group - RHS 163B	Greyed orange group - RHS 163B
<input type="checkbox"/>	Bract: main colour of upper third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - RHS 165A	Greyed orange group - RHS 163B	Greyed orange group - RHS 163B

Statistical Table

Organ/Plant Part: Context	‘Flobrafla’	‘Golden Nuggets’	‘Redbragol’
<input checked="" type="checkbox"/> Plant: height including flowers (cm)			
Mean	22.60	29.10	26.30
Std. Deviation	2.84	2.25	2.54
LSD/sig	2.92		
Means Separation	b	a	a
Method Used	Duncan's Multiple Range Test		
<input type="checkbox"/> Plant: height of foliage (cm)			
Mean	23.30	23.70	25.80
Std. Deviation	1.95	2.11	2.11
LSD/sig	2.46	ns	ns
Method Used	ANOVA		
<input checked="" type="checkbox"/> Leaf: length (mm)			
Mean	87.63	103.75	98.04

Std. Deviation	8.13	9.60	17.50
LSD/sig	13.46		
Means Separation	b	a	ab
Method Used	Duncan's Multiple Range Test		
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	17.10	19.98	17.87
Std. Deviation	1.83	1.68	2.38
LSD/sig	2.16		
Means Separation	b	a	ab
Method Used	Duncan's Multiple Range Test		
<input type="checkbox"/> Leaf: ratio length/width			
Mean	5.15	5.21	5.49
Std. Deviation	0.48	0.48	0.64
LSD/sig	0.67	ns	ns
Method Used	ANOVA		
<input checked="" type="checkbox"/> Flowering shoot: length (mm)			
Mean	17.55	24.70	23.45
Std. Deviation	1.77	1.55	3.24
LSD/sig	2.71		
Means Separation	b	a	a
Method Used	Duncan's Multiple Range Test		
<input checked="" type="checkbox"/> Flower head: diameter (mm)			
Mean	53.89	46.73	48.36
Std. Deviation	2.99	4.37	1.91
LSD/sig	3.97		
Means Separation	a	b	b
Method Used	Duncan's Multiple Range Test		
<input checked="" type="checkbox"/> Flower head: number of bracts			
Mean	91.00	87.40	99.10
Std. Deviation	3.40	5.50	6.49
LSD/sig	4.86		
Means Separation	b	b	a
Method Used	Duncan's Multiple Range Test		
<input type="checkbox"/> Bract: length (mm)			
Mean	18.79	19.63	17.48
Std. Deviation	1.01	1.40	0.84
LSD/sig	1.32		
Means Separation	ab	a	b
Method Used	Duncan's Multiple Range Test		
<input type="checkbox"/> Bract: width (cm)			
Mean	5.58	6.20	6.18
Std. Deviation	0.50	0.49	0.59

LSD/sig	0.65	ns	ns
Method Used	ANOVA		
<input checked="" type="checkbox"/> Bract: ratio length/width			
Mean	3.39	3.17	2.85
Std. Deviation	0.27	0.20	0.25
LSD/sig	0.27		
Means Separation	a	a	b
Method Used	Duncan's Multiple Range Test		

Note: mean values which are assigned with the same mean separation letter code are not significantly different at $P \leq 0.01$ by Duncan's Multiple Range Test.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	'Flobrafla'
USA	2005	Applied	'Flobrafla'

First sold in USA in May 2004. First Australian sale nil

Description: **Dr K.V. Bunker**, Floreta Pty Ltd, Redland Bay, Qld.

Plant Varieties Journal - Search Result Details

Grevillea (*Grevillea hybrid*)

Variety: 'Autumn Waterfall'

Synonym: N/A

Application no: 2004/178

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Jun-2004

Accepted: 20-Jul-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

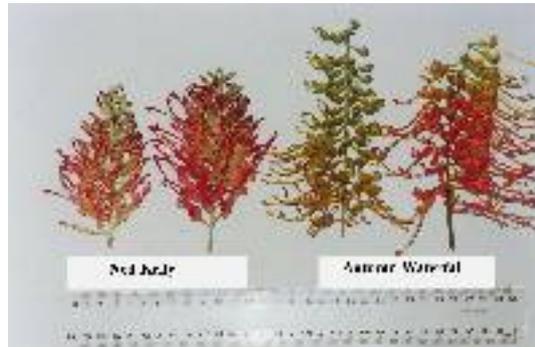
Title Holder: Grevillea Garden Enterprises Pty. Ltd.

Agent: N/A

Telephone: 0754423075

Fax: N/A

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



Details of Application

Application Number 2004/178
Variety Name 'Autumn Waterfall'
Genus Species *Grevillea* hybrid
Common Name Grevillea
Synonym Nil
Accepted Date 20 Jul 2004
Applicant Grevillea Garden Enterprises Pty. Ltd., Woombye, QLD.
Agent Nil
Qualified Person Mark Herrington

Details of Comparative Trial

Location Woombye, QLD.
Descriptor *Grevillea* descriptor
Period Apr to Sep 2005
Conditions Trial conducted in full sun, plants propagated from rooted cuttings planted Aug 2004 into 200mm pots filled with soilless potting mix (Redland Nursery mix); nutrition maintained with slow release fertilisers, irrigation, pest and disease treatments applied as required.
Trial Design Eleven pots of each variety arranged in a completely randomised design.
Measurements From five to ten plants at random. One sample per plant.
RHS Chart - edition 1995

Origin and Breeding

Controlled pollination: seed parent *Grevillea bipinnatifida* (glauca form) x pollen parent 'Honey Gem'. The seed parent was characterised by Plant: height short, Leaf lobes: number medium, Style: colour red, Pollen: colour purple. The pollen parent was characterised by Plant: height medium, Perianth: colour orange, Style: colour orange. Hybridisation took place at Wellington Point, Australia in 1992. Seedlings from this cross were evaluated 1994 to 2004 and seedling number GGE 8.02 was chosen initially on the basis of flower colour and bush conformation. Selection criteria: compact bush, attractive flower colour, ease of propagation, precocity and longevity. Propagation: a number of mature stock plants were generated from this seedling through 2-3 cycles of vegetative propagation and found to be uniform and stable. 'Autumn Waterfall' will be commercially propagated by vegetative cuttings and tissue culture from the stock plants. Breeder: Grevillea Garden Enterprises Pty. Ltd., Woombye, Australia.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	short
Plant	density of foliage	medium
Young stem	colour	greyed green or greyed brown or brown
Stem	hairiness	weak to medium
Leaf	length	medium or long
Leaf	width	narrow to medium
Leaf	attitude to stem	semi-erect
Leaf	colour of hairs on underside	white
Leaf	degree of division of blade	second order
Leaf	depth of divisions of blade	sinus greater than two thirds way to midrib
Leaf	number of lobes	medium
Lobe	length	short
Lobe	width	narrow or very narrow
Lobe	shape of apex of ultimate lobe	pointed
Inflorescence	position on flowering branch	terminal
Inflorescence	density of florets	sparse to dense
Inflorescence	attitude	semierect to drooping
Inflorescence	width	broad
Inflorescence	predominant colour	orange or red
Perianth	colour at late stage	red
Inflorescence	degree of branching	very weak or absent
Perianth	colour of hairs	white
Perianth	length	medium
Pistil	length	long

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Ned Kelly'	Syn. Masons hybrid

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

Organ/Plant Part: Context	'Autumn Waterfall'	'Ned Kelly'
<input checked="" type="checkbox"/> Plant: growth habit	spreading	bushy
<input type="checkbox"/> Plant: attitude of branches	semi-erect to prostrate	erect to semi-erect
<input type="checkbox"/> Plant: height	short (< 1m)	short (< 1m)
<input type="checkbox"/> Plant: density (assessment of foliage at flowering)	medium	medium
<input type="checkbox"/> Young stem: colour	brown	greyed green
<input type="checkbox"/> Stem: colour	greyed green	greyed green
<input type="checkbox"/> Stem: hairiness	weak to medium	weak to medium
<input type="checkbox"/> Petiole: length	medium	medium
<input type="checkbox"/> Leaf: length	long (15-20cm)	medium (10-15cm)
<input type="checkbox"/> Leaf: width at widest point	medium (10-15cm)	narrow (5-10cm)
<input type="checkbox"/> Leaf: attitude to stem	semi-erect	semi-erect
<input type="checkbox"/> Leaf: curvature of margin	flat or slightly recurved, under surface on either side of the mid-vein wholly exposed	flat or slightly recurved, under surface on either side of the mid-vein wholly exposed
<input type="checkbox"/> Leaf: colour of upper side (including hairs)	light green	medium green

<input type="checkbox"/>	Leaf: colour of lower side (including hairs)	light green	light green
<input type="checkbox"/>	Leaf: degree of hairiness on upper side	very weak to weak	very weak to weak
<input type="checkbox"/>	Leaf: degree of hairiness on lower side	very weak to weak	very weak to weak
<input type="checkbox"/>	Leaf: colour of hairiness on lower side	white	white
<input type="checkbox"/>	Leaf: undulation of margin	very weak	very weak
<input type="checkbox"/>	Leaf: division of blade	some or all leaves on plant divided	some or all leaves on plant divided
<input type="checkbox"/>	Leaf: degree of division of blade (varieties with division of blade present only)	second order	second order
<input type="checkbox"/>	Leaf: depth of division of blade (varieties with division of blade present only)	sinus greater than two thirds of way to midrib	sinus greater than two thirds of way to midrib
<input type="checkbox"/>	Leaf: number of lobes (varieties with division of blade present only)	medium	medium
<input type="checkbox"/>	Leaf: regularity of lobing (varieties with division of blade present only)	irregular	irregular
<input type="checkbox"/>	Leaf: attitude of longitudinal axis of lobes to longitudinal axis of midrib (varieties with division of blade present only)	semi-erect	semi-erect
<input type="checkbox"/>	Leaf: attitude of longitudinal axis of lobes to one another on same side of leaf (varieties with division of blade present only)	parallel	parallel
<input type="checkbox"/>	Lobe: length (varieties with division of blade present only)	short	short
<input type="checkbox"/>	Lobe: width (varieties with division of blade present only)	very narrow	very narrow
<input type="checkbox"/>	Lobe: shape of apex of ultimate lobe (varieties with division of blade present only)	pointed	pointed
<input type="checkbox"/>	Flowering branch: position of inflorescence	terminal only	terminal only
<input type="checkbox"/>	Inflorescence: length	long	medium
<input type="checkbox"/>	Inflorescence: width	long	long
<input type="checkbox"/>	Inflorescence: predominant colour	orange	
<input type="checkbox"/>	Inflorescence: density of florets	medium	medium
<input type="checkbox"/>	Inflorescence: number of flowers	medium to many	medium to many
<input type="checkbox"/>	Inflorescence: attitude	horizontal	semi-erect
<input checked="" type="checkbox"/>	Inflorescence: form	secund	cylindrical
<input type="checkbox"/>	Inflorescence: branching	absent or very weak to weak	absent or very weak to weak
<input type="checkbox"/>	Inflorescence: sequence of opening of the flowers	centripetal	centripetal
<input type="checkbox"/>	Rachis: length	long	
<input type="checkbox"/>	Bud: colour of perianth	green	
<input type="checkbox"/>	Bud: colour of limb	green	green
<input type="checkbox"/>	Bud: attitude of limb in relation to longitudinal axis of bud (late bud prior to anthesis)	drooping	drooping
<input checked="" type="checkbox"/>	Flower: attitude of pedicel in relation to rachis	leaning towards inflorescence peduncle	leaning away from inflorescence peduncle
<input type="checkbox"/>	Flower: length of pedicel	long	medium
<input type="checkbox"/>	Perianth: colour	red	red

<input type="checkbox"/>	Perianth: degree of hairiness (outside of perianth including limb)	weak	weak
<input type="checkbox"/>	Perianth: colour of hairs	white	white
<input type="checkbox"/>	Perianth: length	medium	medium
<input type="checkbox"/>	Perianth: width	narrow	narrow
<input type="checkbox"/>	Perianth: ratio length/width	medium	medium
<input type="checkbox"/>	Perianth: coherence of tepals on dorsal side	less than one third	less than one third
<input type="checkbox"/>	Perianth: coherence of tepals on ventral side	less than one third	one third to two thirds
<input type="checkbox"/>	Tepal: flanging at margin	weak	weak
<input type="checkbox"/>	Nectary: colour	yellow	
<input type="checkbox"/>	Ovary: colour	green	
<input type="checkbox"/>	Ovary: hairiness	medium	medium
<input checked="" type="checkbox"/>	Style: colour	orange	red
<input type="checkbox"/>	Style: curvature (after anthesis before dehiscence of perianth)	gently curved	gently curved
<input type="checkbox"/>	Style: position of curve	top half	top half
<input type="checkbox"/>	Style: hairiness	absent or very weak	absent or very weak
<input type="checkbox"/>	Style: position of hairs	concentrated towards ovary end	concentrated towards ovary end
<input type="checkbox"/>	Pistil: length	long	long
<input type="checkbox"/>	Pistil: length in relation to length of perianth	much longer	much longer
<input type="checkbox"/>	Pollen presenter: attitude to style	oblique	oblique
<input type="checkbox"/>	Pollen presenter: colour	orange	red
<input type="checkbox"/>	Pollen presenter: concurrence with style	absent	absent
<input type="checkbox"/>	Pollen presenter: shape	convex	convex
<input checked="" type="checkbox"/>	Pollen: colour	yellow	purple
<input type="checkbox"/>	Time of: flowering	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

	‘Autumn Waterfall’	‘Ned Kelly’
<input checked="" type="checkbox"/>	Style: colour at first fully extended style	orange RHS 25B red RHS 51A
<input checked="" type="checkbox"/>	Perianth: colour at full loop of style stage	yellow-green RHS 151A-153C red RHS 38B
<input checked="" type="checkbox"/>	Style: colour at advanced stage	orange-red RHS 33C red RHS 50A

Prior Applications and Sale

Prior applications nil. First sold in Australia in Mar 2004.

Description: **Mark Herrington**, Nambour, QLD.

Grevillea (*Grevillea hybrid*)

Variety: 'Little Honey'
Synonym: N/A

Application no: 2003/076
Current status: ACCEPTED
Certificate no: N/A
Received: 10-Apr-2003
Accepted: 15-May-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: James Walter Carter and Elva Lorraine Carter trading as Carters Tubes
Agent: N/A
Telephone: 0738880283
Fax: 0738880595

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



Details of Application

Application Number	2003/076
Variety Name	'Little Honey'
Genus Species	<i>Grevillea</i> hybrid
Common Name	Grevillea
Synonym	Nil
Accepted Date	15 May 2003
Applicant	James Walter Carter and Elva Lorraine Carter trading as Carters Tubes, Burpengary, QLD.
Agent	N/A
Qualified Person	David Hockings

Details of Comparative Trial

Location	Carters Tubestock Nursery, Kallungur, QLD,
Descriptor	Grevillea Descriptor
Period	Summer - autumn 2004.
Conditions	Trial conducted in the open, plants propagated from cuttings, rooted cuttings planted into 200 mm pots filled with a commercial pinebark based potting mix, nutrition maintained with slow release fertiliser, pest and disease treatments applied as required.
Trial Design	fifteen plants of each variety arranged in three replicated randomised blocks.
Measurements	from fifteen plants of each variety, one sample for each character from each plant.
RHS Chart - edition	1995

Origin and Breeding

Open-pollination followed by seedling selection: arose as an open-pollinated seedling from *Grevillea* 'Honey Gem' in the garden of Denis Cox and Jan Glazebrook, Logan Village, QLD, in 1990. Selection criteria: the seedling was selected because of its smaller growth form and profuse flowering. Propagation: it has been propagated from cuttings through three generations and has remained stable. Breeder: D Cox and J Glazebrook, Logan Village, 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	bushy
Inflorescence	predominant colour	yellow
Inflorescence	form	cylindrical
Style	colour	orange

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Honey Gem'	parent variety

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Starfire’	perianth colour	yellow	red
‘Dot Brown’	perianth colour	yellow	greyed-red

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

Organ/Plant Part: Context	‘Little Honey’	‘Honey Gem’
<input type="checkbox"/> Plant: growth habit	bushy	bushy
<input type="checkbox"/> Plant: attitude of branches	erect to semi-erect	semi-erect
<input checked="" type="checkbox"/> Plant: height	medium (1-3m)	tall (> 3m)
<input type="checkbox"/> Plant: density (assessment of foliage at flowering)	sparse to medium	medium to dense
<input checked="" type="checkbox"/> Young stem: colour	green	yellow green
<input type="checkbox"/> Stem: colour	brown	brown
<input type="checkbox"/> Stem: hairiness	strong	strong
<input type="checkbox"/> Petiole: length	very short to short	very short to short
<input type="checkbox"/> Leaf: length	short (5-10cm)	medium (10-15cm)
<input type="checkbox"/> Leaf: width at widest point	medium (10-15cm)	medium (10-15cm)
<input type="checkbox"/> Leaf: attitude to stem	erect to semi-erect	erect to semi-erect
<input type="checkbox"/> Leaf: curvature of margin	smoothly revolute to the mid vein, lower surface enclosed	smoothly revolute to the mid vein, lower surface enclosed
<input type="checkbox"/> Leaf: colour of upper side (including hairs)	dark green	dark green
<input type="checkbox"/> Leaf: colour of lower side (including hairs)	medium green	medium green
<input type="checkbox"/> Leaf: degree of hairiness on upper side	very weak to weak	very weak
<input type="checkbox"/> Leaf: degree of hairiness on lower side	weak	very weak to weak
<input type="checkbox"/> Leaf: colour of hairiness on lower side	red brown	red brown
<input type="checkbox"/> Leaf: undulation of margin	very weak	very weak
<input type="checkbox"/> Leaf: division of blade	some or all leaves on plant divided	some or all leaves on plant divided
<input type="checkbox"/> Leaf: degree of division of blade (varieties with division of blade present only)	third order	third order
<input type="checkbox"/> Leaf: depth of division of blade (varieties with division of blade present only)	sinus greater than two thirds of way to midrib	sinus greater than two thirds of way to midrib
<input type="checkbox"/> Leaf: number of lobes (varieties with division of blade present only)	many (> 20)	many (> 20)

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

<input type="checkbox"/>	Perianth: degree of hairiness (outside of perianth including limb)	medium	weak
<input type="checkbox"/>	Perianth: colour of hairs	red brown	red brown
<input type="checkbox"/>	Perianth: length	short	short to medium
<input type="checkbox"/>	Perianth: width	narrow	narrow
<input type="checkbox"/>	Perianth: ratio length/width	low	low to medium
<input type="checkbox"/>	Perianth: coherence of tepals on dorsal side	less than one third	less than one third
<input type="checkbox"/>	Perianth: coherence of tepals on ventral side	less than one third	less than one third
<input type="checkbox"/>	Tepal: flanging at margin	weak	weak to medium
<input type="checkbox"/>	Nectary: colour	yellow	yellow
<input checked="" type="checkbox"/>	Ovary: colour	green	yellow
<input type="checkbox"/>	Ovary: hairiness	strong	strong
<input type="checkbox"/>	Style: colour	orange	orange
<input type="checkbox"/>	Style: curvature (after anthesis before dehiscence of perianth)	gently curved	straight
<input type="checkbox"/>	Style: position of curve	continuous along length	continuous along length
<input type="checkbox"/>	Style: hairiness	absent or very weak	absent or very weak
<input type="checkbox"/>	Pistil: length	medium	medium
<input type="checkbox"/>	Pistil: length in relation to length of perianth	much longer	much longer
<input type="checkbox"/>	Stigma: colour	yellow	yellow
<input type="checkbox"/>	Pollen presenter: attitude to style	lateral	lateral
<input type="checkbox"/>	Pollen presenter: colour	yellow	yellow
<input type="checkbox"/>	Pollen presenter: concurrence with style	absent	absent
<input checked="" type="checkbox"/>	Pollen presenter: shape	dome	cylinder
<input checked="" type="checkbox"/>	Pollen: colour	white	yellow
<input type="checkbox"/>	Time of: flowering	medium	medium

Prior Applications and Sales

Prior applications nil. First sold in Australia in Apr 2002.

Description: **David Hockings**, Maleny, QLD.

Plant Varieties Journal - Search Result Details

Buffalo Grass (*Stenotaphrum secundatum*)

Variety: 'Marine'
Synonym: N/A
Application no: 2005/033
Current status: ACCEPTED
Certificate no: N/A
Received: 14-Feb-2005
Accepted: 24-Mar-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: John Sultana, James Sultana, Joshua Sultana, Jacob Sultana
Agent: N/A
Telephone: 0245796287
Fax: 0245796997

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



Details of Application

Application Number	2005/033
Variety Name	'Marine'
Genus Species	<i>Stenotaphrum secundatum</i>
Common Name	Buffalo Grass
Synonym	N/A
Accepted Date	24 Mar 2005
Applicant	John Sultana, James Sultana, Joshua Sultana, Jacob Sultana
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Freemans Reach, NSW
Descriptor	General Descriptor
Period	Feb to Jul 2005
Conditions	Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 200mm pots filled with a soil based mix, overhead irrigated, no pest or disease treatments were required.
Trial Design	Thirty pots of each variety arranged in a completely randomised design.
Measurements	From twenty plants at random. One sample per plant.
RHS Chart - edition	2001

Origin and Breeding

Seedling selection: the new variety was discovered proximal to common Buffalo Grass and the varieties 'Shademaster' and 'ST85'. Common Buffalo grass is characterised by a reddish stolon colour, medium leaf length and width and an acute leaf apex. 'Shademaster' is characterised by a reddish stolon colour and medium internode length. 'ST85' is characterised by a reddish stolon colour and short internode length. Selection took place in Freemans Reach, NSW in 2004. Selection criteria: stolon with reduced anthocyanin coloration, short leaf length and strong branching. Propagation: vegetative cuttings were found to be uniform and stable. Breeders: John and James Sultana, Freemans Reach, 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	branching	medium to strong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sir Walter'	
'B12'	
'Sir James'	
'Matilda'	
'SS100'	
'Shademaster'	
'ST85'	
'ST26'	

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

Organ/Plant Part: Context	‘Marine’	‘B12’	‘Matilda’	‘Shademaster’	‘Sir James’	‘Sir Walter’	‘SS100’	‘ST26’	‘ST85’
<input type="checkbox"/> Plant: growth habit	creeping	creeping	creeping	creeping	creeping	creeping	creeping	creeping	creeping
<input checked="" type="checkbox"/> Leaf: length of blade	short	medium	medium	medium to long	long	medium to long	medium	short	short
<input checked="" type="checkbox"/> Leaf: width of blade	narrow	narrow	narrow	medium	medium to broad	medium	narrow	narrow	very narrow
<input checked="" type="checkbox"/> Leaf: green colour	light to medium	light to medium	medium to dark	medium to dark	light to medium	medium	medium	medium to dark	light to medium
<input checked="" type="checkbox"/> Leaf: primary colour (RHS colour chart)	146A	146A	147A	147B	146A	137A	137A-B	147A	146A

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Marine’	‘B12’	‘Matilda’	‘Shademaster’	‘Sir James’	‘Sir Walter’	‘SS100’	‘ST26’	‘ST 85’
<input checked="" type="checkbox"/> Stolon: internode length (4th from tip)	short	short-medium	medium	medium	medium	medium-long	short	short	short
<input type="checkbox"/> Stolon: colour (exposed) RHS	200A	200A	200A	200A	200A	200A	N200A	200B	200A
<input checked="" type="checkbox"/> Stolon: colour (un-exposed) RHS	146A	N200A	N200A	N200A	N200A	N200A	146B	N200A	200C
<input checked="" type="checkbox"/> Stolon: degree of branching	strong	medium	medium	strong	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> Leaf blade: attitude	horizontal	semi-erect	semi-erect	horizontal to semi-erect	semi-erect	horizontal to semi-erect	semi-erect	horizontal to semi-erect	horizontal
<input checked="" type="checkbox"/> Leaf sheath: intensity of anthocyanin colour	strong	strong	strong	strong	strong	medium	weak-medium	weak-medium	Very strong

Statistical Table

Organ/Plant Part: Context	'Marine'	'B12'	'Matilda'	'Shademaster'	'Sir James'	'Sir Walter'	'SS100'	'ST26'	'ST85'
<input checked="" type="checkbox"/> Stolon: internode length									
Mean	38.80	44.70	49.40	49.20	50.20	57.90	38.90	39.40	30.30
Std. Deviation	5.50	4.10	5.00	10.70	7.40	5.40	6.00	5.60	4.60
Lsd/sig	4.84	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: length									
Mean	12.87	17.30	16.60	19.80	26.10	19.90	17.00	14.30	12.50
Std. Deviation	1.90	2.50	1.40	3.60	4.80	2.50	4.50	2.00	3.40
Lsd/sig	2.42	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	ns
<input checked="" type="checkbox"/> Leaf blade: width									
Mean	5.98	5.70	5.90	7.00	7.70	6.80	6.30	5.70	4.80
Std. Deviation	0.60	0.80	0.80	0.70	0.90	0.50	0.80	0.70	0.60
Lsd/sig	0.55	ns	ns	P≤0.01	P≤0.01	P≤0.01	ns	ns	P≤0.01
<input checked="" type="checkbox"/> Leaf sheath: length									
Mean	16.11	18.60	17.40	19.50	21.80	18.90	20.10	16.20	12.80
Std. Deviation	1.50	1.70	1.60	2.10	3.60	1.40	1.90	1.20	1.40
Lsd/sig	1.48	P≤0.01	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Stolon: length of longest runner									
Mean	40.50	63.50	60.00	36.70	26.10	57.60	45.40	47.20	25.60
Std. Deviation	9.00	9.60	9.50	10.20	8.70	12.50	10.50	5.70	5.80
Lsd/sig	7.11	P≤0.01	P≤0.01	ns	P≤0.01	P≤0.01	ns	ns	P≤0.01

Prior Applications and Sales

Nil.

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

Plant Varieties Journal - Search Result Details

Custard apple (*Annona squamosa x cherimola*)

Variety: 'K J Pinks'

Synonym: N/A

Application no: 2002/049

Current status: ACCEPTED

Certificate no: N/A

Received: 07-Mar-2002

Accepted: 26-Mar-2002

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Keith Walter & Judith Elaine Paxton

Agent: ANFIC (Australian Nurserymens Fruit Improvement Company)

Telephone: 0263326960

Fax: 026332696

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



Details of Application

Application Number 2002/049
Variety Name 'K J Pinks'
Genus Species *Annona squamosa* x *Annona cherimola*
Common Name Custard apple
Synonym Nil
Accepted Date 26 Mar 2002
Applicant Keith Walter & Judith Elaine Paxton, Woombye, QLD
Agent ANFIC (Australian Nurserymen's Fruit Improvement Company), Bathurst, NSW.
Qualified Person David Hockings

Details of Comparative Trial

Location 31 Atkinson road, Woombye, QLD.
Descriptor TG/208/1
Period 2002 - 2005
Conditions Field planting in orchard
Trial Design Thirteen plants each of candidate and comparator planted alternately in two equal rows
Measurements From 10 plants of each variety
RHS Chart - edition 1986

Origin and Breeding

Spontaneous mutation: branch sport on a 9 year old 'Hillary Pinks Mammoth' tree at Paxton's farm, Woombye, QLD was observed in 1996. One branch was found to have about 90 pieces of well shaped fruits. The branch was tagged and fruit observed in the following year. Branch repeated heavy fruit production, grafting wood taken in August 1997, and test trees were planted in spring 1998. From 1999 to 2002 it has been the subject of intensive testing by Queensland Dept Primary Industries (QDPI). Selection criteria: very high fruit set and uniform fruit shape. Propagation: grafting. Breeder: K & J Paxton, Woombye, 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	segmentation of surface	reticulate
Fruit	protuberances on surface	absent or very small

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Hillary White'	most similar variety except in fruit shape and pollen viability

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part			
‘Hillary Pinks Mammoth’	fruit	shape uniform - cordate	irregular	parental variety excluded in favour of ‘Hillary White’
‘Hillary Pinks Mammoth’	pollen	viability high viability	low viability	parental variety excluded in favour of ‘Hillary 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	‘K J Pinks’	*‘Hillary White’
<input type="checkbox"/> Shoot: length of internode	long	medium to long
<input type="checkbox"/> Shoot: colour	brown	brown
<input type="checkbox"/> Shoot: pubescence	present	present
<input type="checkbox"/> Leaf blade: length	long	medium to long
<input type="checkbox"/> Leaf blade: width	medium to broad	broad
<input type="checkbox"/> Leaf blade: ratio length/width	medium	medium
<input type="checkbox"/> *Leaf blade: shape	broad ovate	broad ovate
<input type="checkbox"/> Leaf blade: green colour (upper side)	medium	medium
<input type="checkbox"/> Leaf blade: green colour (lower side)	light to medium	light to medium
<input type="checkbox"/> Leaf blade: pubescence (upper side)	present	present
<input type="checkbox"/> Leaf blade: pubescence (lower side)	present	present
<input type="checkbox"/> Leaf blade: undulation of margin	weak	medium
<input type="checkbox"/> Petiole: length	short to medium	medium
<input type="checkbox"/> Petiole: thickness	medium	medium to thick
<input type="checkbox"/> Flowering shoot: density of flowers	medium	sparse to medium
<input type="checkbox"/> Petal: colour	yellow	yellow
<input type="checkbox"/> Petal: length	medium	medium
<input type="checkbox"/> Petal: width	medium	medium
<input type="checkbox"/> Petal: ratio length/width	medium	medium
<input type="checkbox"/> Petal: thickness	medium	medium
<input type="checkbox"/> Peduncle: length	medium	medium
<input type="checkbox"/> Petal: twisting just before anthesis	weak	medium
<input type="checkbox"/> Petal: curving	weak	medium
<input type="checkbox"/> Ovary: shape	broad cordate	narrow cordate
<input type="checkbox"/> Ovary: length	short	medium
<input type="checkbox"/> Ovary: width	medium	narrow to medium

<input type="checkbox"/>	Fruit: length	medium	medium to long
<input type="checkbox"/>	Fruit: diameter in cross section	medium to large	small to medium
<input checked="" type="checkbox"/>	*Fruit: shape in lateral view	cordate	conical
<input type="checkbox"/>	Fruit: glossiness of skin	absent	absent
<input type="checkbox"/>	*Fruit: colour of skin	pale yellow green	pale yellow green
<input type="checkbox"/>	Fruit: thickness of rind	thin	thin
<input type="checkbox"/>	*Fruit: segmentation of surface	reticulate	reticulate
<input type="checkbox"/>	*Fruit: protuberances on surface	absent or very small	absent or very small
<input type="checkbox"/>	Fruit: colour of flesh	white	white
<input type="checkbox"/>	Fruit: firmness of flesh	soft	soft
<input type="checkbox"/>	Fruit: amount of fibre	few	few
<input type="checkbox"/>	Fruit: amount of stone cell	few	few
<input type="checkbox"/>	Fruit: juiciness of flesh	low to medium	low to medium
<input type="checkbox"/>	Fruit: total soluble solids	low to medium	low to medium
<input type="checkbox"/>	Fruit: acidity	low	low
<input type="checkbox"/>	Fruit: aroma	weak to medium	weak to medium
<input type="checkbox"/>	Fruit: number of seeds	few to medium	very few to few
<input type="checkbox"/>	Seed: length	short	short to medium
<input type="checkbox"/>	Seed: width	narrow	narrow
<input type="checkbox"/>	Seed: ratio length/width	small	small
<input type="checkbox"/>	Seed: glossiness	absent	absent
<input type="checkbox"/>	Seed: adherence to flesh	weak	weak
<input type="checkbox"/>	Time of: harvest maturity	early to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘K J Pinks’	*‘Hillary White’
<input checked="" type="checkbox"/> Pollen: viability	high viability	low viability

Prior Applications and Sales

Prior applications nil. First sold in Australia in Nov 2001.

Description: **David Hockings**, Maleny, QLD.

Plant Varieties Journal - Search Result Details

Crown of Thorns (*Euphorbia milii*)

Variety: 'Taki Pink'

Synonym: N/A

Application no: 2005/188

Current status: ACCEPTED

Certificate no: N/A

Received: 17-Jun-2005

Accepted: 17-Jun-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Mark & Savitree Sawtell

Agent: N/A

Telephone: 0266832477

Fax: 0266832477

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



Details of Application

Application Number	2005/188
Variety Name	'Taki Pink'
Genus Species	<i>Euphorbia milii</i>
Common Name	Crown of Thorns
Synonym	Nil
Accepted Date	17 Jun 2005
Applicant	Mark and Savitree Sawtell, East Coraki, NSW.
Agent	N/A
Qualified Person	Deo Singh

Details of Comparative Trial

Location	2443 Wyrallah Rd., East Coraki, NSW.
Descriptor	TG/91/3
Period	2004/2005
Conditions	Trial conducted in full sun.
Trial Design	10 pots of each variety arranged in a completely randomized design.
Measurements	Colour coding was done from the newly opened flowers. Fully expanded new leaves have been referred as immature leaves and basal leaves have been referred as mature leaves.
RHS Chart - edition	1995

Origin and Breeding

Seedling selection: In 1998, an un-named pink variety was grown in a pot, and several seedlings germinated. Out of the lot, one was noted as having strongly undulated leaf margins and pointed leaves compared to the parental type (weakly undulated margin, and rounded leaf tips). This was potted-up and in year 2000, had medium sized pink flower bracts sitting just above the foliage. Selection criteria: continuous flowering, flower colour pink. Propagation: it has been vegetatively propagated through at least three generations and has been found to be true to type with no off-types. Breeder: Mark and Savitree Sawtell, East Coraki, 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
Flower	Colour	Pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Salmon Pink'	Also known as 'Super Salmon', is the closest comparator.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Coral Pink’	Inflorescence	in relation to just above foliage	below	‘Coral Pink’ is a lighter pink variety.
‘Medium Red’	Inflorescence	in relation to just above foliage	below	‘Medium Red’, is a red coloured 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	‘Taki Pink’	‘Salmon Pink’
<input checked="" type="checkbox"/> *Stem: length of flowering part of shoot	medium	short
<input type="checkbox"/> *Leaf blade: length	medium	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Taki Pink’	‘Salmon Pink’
<input type="checkbox"/> Plant: height	medium	medium
<input checked="" type="checkbox"/> Plant: width	narrow	medium
<input type="checkbox"/> Leaf: length	medium	medium
<input checked="" type="checkbox"/> Plant: number of lateral shoots	few	medium
<input type="checkbox"/> Stem: thickness	thick	thick
<input type="checkbox"/> Stem: disposition of spines	solitary	solitary
<input checked="" type="checkbox"/> Leaf: shape	elliptic	obovate
<input checked="" type="checkbox"/> Plant: lateral shoots	absent	present
<input checked="" type="checkbox"/> Stem: length of longest spines	long	medium
<input checked="" type="checkbox"/> Leaf: shape of apex	mucronate	round
<input type="checkbox"/> Leaf: colour of upper side	medium green	medium green
<input type="checkbox"/> Leaf: colour of lower side	medium green	medium green
<input type="checkbox"/> Peduncle: length	short	short
<input checked="" type="checkbox"/> Peduncle: colour	green	red
<input type="checkbox"/> Peduncle: intensity of green colour	light	dark
<input type="checkbox"/> Inflorescence: number of levels of cyathia	two	two
<input type="checkbox"/> Cyathophyll: overlapping	present	present
<input type="checkbox"/> Cyathophyll: size	medium	large
<input type="checkbox"/> Cyathophyll: colour of upper side	RHS 52A	RHS 52A
<input type="checkbox"/> Cyathophyll: colour of lower side	RHS 52D	RHS 52B

<input checked="" type="checkbox"/>	Cyathophyll: discoloration at the end of flowering	absent or very week	medium
<input type="checkbox"/>	Cyathophyll: prominence of mid rib	weak	weak
<input type="checkbox"/>	Flower: flowering time	early	early

Prior Applications and Sales

Nil.

Description: **Deo Singh**, Ormatec Pty Ltd, Birkdale, QLD.

Rose (*Rosa hybrid*)

Variety: 'Meivanthou'
Synonym: N/A
Application no: 2000/212
Current status: ACCEPTED
Certificate no: N/A
Received: 21-Jul-2000
Accepted: 27-Nov-2000
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Meilland Star Rose
Agent: Selection Meilland Australia
Telephone: 0363301147
Fax: 0363301920

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



Details of Application

Application Number	2000/212
Variety Name	'Meivanthou'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	27 Nov 2000
Applicant	Meilland Star Rose, Le Luc en Provence, France.
Agent	Selection Meilland Australia, Rosevears, TAS.
Qualified Person	Peter Lee

Details of Comparative Trial

Overseas Testing Authority	European Union Community Plant Variety Office
Overseas Data Reference Number	1001322
Location	Sophia-Antipolis, France
Descriptor	Rose TG/11/7 (1990)
Period	1998- 1999
Conditions	Rose Trial Ground - Mediterranean climate.
Trial Design	According to EU community Variety office Standards
Measurements	According to Rose TG/11/07 1990
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: Seed parent is 'Keireb'. Pollen parent is unnamed seedling between 'Hillred' x'Meigorman'. The breeding objective was to develop the traits necessary to produce a large velvet red rose variety suitable for cut flower production under high temperature conditions. Breeder: Alain Meilland, Le Luc en Provence, France.

Characteristic* used for grouping varieties to identify the most similar Variety of Common Knowledge

#	Organ/Plant Part	Context	State of Expression in Group of Varieties
	Petal	colour	dark red
	Plant	growth habit	narrow bushy
	Plant	height	tall
	Flower	type	double
	Flower	diameter	medium-large
	Short prickles	number	absent or very few to few

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Meigualis'	

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

Organ/Plant Part: Context	'Meivanthou'	'Meigualis'
<input type="checkbox"/> Plant: growth habit	narrow bushy	narrow bushy
<input type="checkbox"/> Plant: height	tall	tall
<input type="checkbox"/> Plant: width	medium	narrow
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	weak to medium	strong
<input checked="" type="checkbox"/> Young shoot: hue of anthocyanin colouration	bronze	reddish brown to purple
<input type="checkbox"/> Prickles: presence	present	present
<input type="checkbox"/> Prickle: shape of lower side	deep concave	concave
<input type="checkbox"/> Short prickles: number	absent or very few to few	absent or very few
<input type="checkbox"/> Long prickles: number	medium	absent or very few to few
<input type="checkbox"/> *Leaf: size	large	large
<input type="checkbox"/> Leaf: green colour	dark	medium
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	medium
<input checked="" type="checkbox"/> Leaflet: cross section	convex	flat
<input checked="" type="checkbox"/> Leaflet: undulation of margin	weak	absent or very weak to weak
<input checked="" type="checkbox"/> Terminal leaflet: length of blade	long	medium
<input checked="" type="checkbox"/> Terminal leaflet: width of blade	broad	medium
<input type="checkbox"/> Terminal leaflet: shape of base	rounded	rounded
<input type="checkbox"/> Flowering shoot: number of flowers	few to medium	few
<input type="checkbox"/> Flower pedicel: number of hairs or prickles	very few	very few
<input type="checkbox"/> Flower bud: shape of longitudinal section	broad-ovate	ovate
<input type="checkbox"/> *Flower: type	double	double
<input type="checkbox"/> Flower: number of petals	few to medium	medium
<input type="checkbox"/> *Flower : diameter	medium to large	large
<input type="checkbox"/> Flower: view from above	round	irregularly round
<input type="checkbox"/> Flower: side view of upper part	flat	flattened convex
<input type="checkbox"/> Flower: side view of lower part	convex	flattened convex
<input type="checkbox"/> Flower: fragrance	absent or very weak to weak	weak
<input type="checkbox"/> Sepal: extensions	medium	medium to strong
<input type="checkbox"/> *Petal: size	medium to large	medium
<input checked="" type="checkbox"/> *Petal: colour of middle zone of upper side(RHS colour chart)	Close 53A	RHS 46A-B

<input checked="" type="checkbox"/> *Petal : colour of marginal zone of inner side(RHS colour chart)	Close 53A	RHS 46A-B
<input type="checkbox"/> *Petal: spot at base of inner side	present	present
<input checked="" type="checkbox"/> *Petal: colour of spot at base of inner side (RHS colour chart)	Close 53A	RHS 4C
<input type="checkbox"/> *Petal: colour of middle zone of outer side (RHS colour chart)	Close 53A	RHS 53C
<input type="checkbox"/> *Petal: spot at base of outer side	present	present
<input checked="" type="checkbox"/> *Petal: colour of spot at base of outer side (RHS colour chart)	Close 53A	RHS 4C
<input type="checkbox"/> Petal: reflexing of margin	absent or very weak to weak	weak
<input type="checkbox"/> Petal: undulation of margin	absent or very weak to weak	weak
<input checked="" type="checkbox"/> Outer stamen: predominant colour of filament	pink	red
<input type="checkbox"/> Seed vessel: size	medium	medium
<input checked="" type="checkbox"/> Time of beginning of: flowering	very early	early to medium
<input type="checkbox"/> *Flowering: habit	almost continuous flowering	almost continuous flowering

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Meivanthou'	'Meiqualis'
<input checked="" type="checkbox"/> Flower: semi-blocked opening	present	absent

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Colombia	1999	Terminated	'Meivanthou'
France	1997	Surrendered	'Meivanthou'
Israel	1998	Granted	'Meivanthou'
Japan	1999	Applied	'Meivanthou'
Republic of Korea	2002	Granted	'Meivanthou'
EU	1998	Granted	'Meivanthou'
South Africa	1998	Applied	'Meivanthou'

First sold in France in Nov 1997. First Australian sale December 2000.

Description: **Peter Lee**, Rosevears, TAS.

Plant Varieties Journal - Search Result Details

Twinspur (*Diascia hybrid*)

Variety: 'Codipeaim'

Synonym: N/A

Application no: 2004/286

Current status: ACCEPTED

Certificate no: N/A

Received: 29-Sep-2004

Accepted: 24-Nov-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: NuFlora International Pty Ltd

Agent: N/A

Telephone: 0296052266

Fax: 0296053310

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



Details of Application

Application Number	2004/286
Variety Name	'Codipeaim'
Genus Species	<i>Diascia</i> hybrid
Common Name	Twinspur
Synonym	Nil
Accepted Date	24 Nov 2004
Applicant	NuFlora International Pty Ltd, Macquarie Fields, NSW.
Agent	N/A
Qualified Person	John Oates

Details of Comparative Trial

Location	Rob's Parlour, 160 Watts Rd, Yowrie, NSW 2550 36°20'S, 149°44'E, Elevation 250m
Descriptor	<i>Diascia</i> Descriptor
Period	Oct 2004 - Jan 2005
Conditions	Field planting, drip irrigation under black plastic mulch. Nil disease or insect damage.
Trial Design	Plants transplanted in random design, 20 plants of applicant variety and 20 plants of comparator
Measurements	Plant: diameter, height; Leaf: ratio length/width; Flower: ratio width (across wing petals)/diameter (standard tip to keel tip), ratio width/diameter; Spurs: distance between; Peduncle: length.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination followed by pedigree selection: 'Codiape' x pollen parent 'X98.3.1'. Seed parent characterised by Stem: thickness fine and Heat tolerance: moderate. Pollen parent is a breeding line characterised by Plant: form spreading and Flower: colour coral. The hybridisation took place at the Plant Breeding Institute, Cobbitty in 1999 and D5 ('Codipeaim') was selected in spring 1999. Selection criteria: Flower: colour, Time of flowering, Plant: form. 'Codipeaim' was first trialled in Australia in 2000 and in USA in 2001, in pot and field trials. 'Codipeaim' is vegetatively propagated by tip cuttings and maintained in tissue culture. It has been propagated through at least ten (10) generations and no off types have been observed. Breeder: G N Brown, Nuflora International.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape of base	truncate - cordate
Plant	size	medium
Flower	time of commencement of flowering	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Strawberry Sundae'	
'Codiape'	
'Codiach'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Codiach'	peduncle length	medium	medium to long
'Codiach'	Leaf size	medium	small
'Codiape'	leaf shape	ovate	ovate to deltoid

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

Organ/Plant Part: Context	'Codipeaim'	'Strawberry Sundae'
<input type="checkbox"/> Plant: growth habit	semi-upright to spreading	semi-upright to spreading
<input checked="" type="checkbox"/> Plant: height (varieties with upright and semi-upright growth habit only)	medium	medium to tall
<input checked="" type="checkbox"/> Plant: width at broadest point	medium	medium to broad
<input type="checkbox"/> Plant: density	medium	medium
<input checked="" type="checkbox"/> Leaf blade: length	medium to long	short
<input checked="" type="checkbox"/> Leaf blade: width	medium to broad	narrow
<input checked="" type="checkbox"/> Leaf blade: ratio length/width	small to medium	medium to large
<input type="checkbox"/> Leaf blade: variegation	absent	absent
<input checked="" type="checkbox"/> Leaf blade: main colour (RHS colour chart)	137A(2001)	139A(2001)
<input type="checkbox"/> Leaf blade: secondary colour (RHS colour chart)	n/a	n/a
<input type="checkbox"/> Leaf blade: intensity of anthocyanin colouration (varieties with non-variegated leaf only)	weak	weak
<input type="checkbox"/> Leaf blade: shape of base	cordate	truncate
<input checked="" type="checkbox"/> Leaf blade: Leaf blade	broad acute	narrow acute
<input type="checkbox"/> Leaf blade: margin	serrate	serrate
<input checked="" type="checkbox"/> Pedicel: length	medium	medium to long
<input checked="" type="checkbox"/> Corolla: length	medium	short to medium

<input checked="" type="checkbox"/>	Corolla: width	medium	narrow to medium
<input checked="" type="checkbox"/>	Corolla: main colour of inner surface (RHS colour chart)	180C(2001)	N66C(2001)
<input type="checkbox"/>	Upper lip: reflexing of lateral lobes	moderate	moderate
<input checked="" type="checkbox"/>	Lower lip: ratio length/width	as long as broad	longer than broad
<input type="checkbox"/>	Lower lip: undulation of margin	moderate	weak to moderate
<input type="checkbox"/>	Lower lip: presence of trichomal elaiophores on inner surface	absent	absent
<input type="checkbox"/>	Corolla throat: number of spots	two	two
<input type="checkbox"/>	Corolla throat: colour of spot(s)	medium yellow	medium yellow
<input type="checkbox"/>	Spur: length	medium	medium
<input type="checkbox"/>	Spur: main colour	purple	purple
<input type="checkbox"/>	Spur: curvature	moderate	moderate

Statistical Table

Organ/Plant Part: Context	‘Codipeaim’	‘Strawberry Sundae’
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	27.83	20.40
Std. Deviation	2.07	1.65
LSD/sig	0.61	P≤0.01
<input checked="" type="checkbox"/> Plant: height (mm)		
Mean	262.50	292.00
Std. Deviation	18.30	27.00
LSD/sig	7.9	P≤0.01
<input checked="" type="checkbox"/> Plant: diameter (mm)		
Mean	418.00	441.00
Std. Deviation	38.89	45.81
LSD/sig	9.45	P≤0.01
<input checked="" type="checkbox"/> Plant: height/diameter ratio		
Mean	0.63	0.67
Std. Deviation	0.07	0.08
LSD/sig	0.03	P≤0.01
<input type="checkbox"/> Corolla: width (across wing petals) (mm)		
Mean	19.44	20.68
Std. Deviation	1.46	0.74
LSD/sig	0.31	ns
<input checked="" type="checkbox"/> Corolla: diameter (from tips of standard to keel petals) (mm)		
Mean	20.86	20.30
Std. Deviation	1.41	0.77
LSD/sig	0.29	P≤0.01
<input checked="" type="checkbox"/> Corolla: diameter/Width Ratio		
Mean	1.07	0.99
Std. Deviation	0.06	0.02
LSD/sig	0.07	P≤0.01

<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	17.76	10.99
Std. Deviation	1.09	0.82
LSD/sig	0.33	P≤0.01
<input checked="" type="checkbox"/> Leaf: length/width ratio		
Mean	1.57	1.85
Std. Deviation	0.15	0.09
LSD/sig	0.04	P≤0.01
<input checked="" type="checkbox"/> Peduncle: length (mm)		
Mean	10.11	2.14
Std. Deviation	1.45	0.76
LSD/sig	0.92	P≤0.01
<input type="checkbox"/> Flower Spurs: distance between (from tip to tip) (mm)		
Mean	9.25	11.61
Std. Deviation	0.99	3.62
LSD/sig	0.19	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2003	Applied	'Codipeaim'
Japan	2004	Applied	'Codipeaim'

First sold in Australia in Sep 2003.

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

Lettuce (*Lactuca sativa*)

Variety: 'Bughatti'
Synonym: N/A

Application no: 2005/005
Current status: ACCEPTED
Certificate no: N/A
Received: 10-Jan-2005
Accepted: 04-Feb-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Nunhems B.V.
Agent: Shelston IP
Telephone: 0297771127
Fax: 0292414666

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



Details of Application

Application Number	2005/005
Variety Name	'Bughatti'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Synonym	Nil
Accepted Date	4 Feb 2005
Applicant	Nunhems B.V. Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW.
Qualified Person	John Oates

Details of Comparative Trial

Location	7A Faxall Rd., Kellyville, NSW (33°41'S, 150°57'E Elevation 70m)
Descriptor	UPOV TG/13/8
Period	Jan-Mar 2005
Conditions	Hydroponic NFT system under 17% shade. Plants propagated from coated seed, nil pest and disease treatments applied.
Trial Design	One hundred plants of 'Bughatti' and of 'Jamai' arranged in a randomised design. Measurements: from ten plants of each variety at random. One sample per plant.
Measurements	Head Height and Diameter and Height/Diameter Ratio.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: in a continuing breeding programme the variety 'Ferrari' was crossed with a Nunza breeding line possessing Bremia resistance. The female parent was characterised by Bremia susceptibility. Selection criteria: from the progeny of the cross the line Number 7804LT ('Bughatti') was selected for the following characteristics: time of beginning of bolting, seed colour black, leaf shape oakleaf, leaf colour red, Bremia resistance to BI 1- 25 and anthocyanin colour weak-medium. Propagation: 'Bughatti' has been uniform and stable since the F₅ generation through to the F₁₀ generation, no off-types have been observed. Breeder: J. van Schijndel, Nunza 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
Seed	colour	black
Leaf	anthocyanin colouration	present
Time of beginning of bolting under long day conditions		early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jamai'	
'Ferrari'	
'Maserati'	
'Red Salad Bowl'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Maserati'	head size	medium	medium to large
'Red Salad Bowl'	leaf shape	elliptic	transverse broad elliptic
'Ferrari'	head size	medium	medium to large

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

Organ/Plant Part: Context	'Bughatti'	'Jamai'
<input type="checkbox"/> *Seed: colour	black	black
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect
<input checked="" type="checkbox"/> Leaf blade: division	divided	lobed
<input type="checkbox"/> *Plant: diameter	medium	medium
<input type="checkbox"/> *Plant: head formation	open head	open head
<input checked="" type="checkbox"/> Head: density	loose	medium
<input type="checkbox"/> Head: size	medium	medium
<input type="checkbox"/> *Head: shape in longitudinal section	circular	circular
<input type="checkbox"/> Leaf: thickness	medium	medium
<input checked="" type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect to horizontal	semi-erect
<input checked="" type="checkbox"/> *Leaf: shape	obovate	transverse broad elliptic
<input checked="" type="checkbox"/> Leaf: tip of leaf blade	acute	rounded
<input checked="" type="checkbox"/> *Leaf: hue of green colour of outer leaves	greyish	reddish
<input checked="" type="checkbox"/> *Leaf: intensity of colour of outer leaves	dark	medium to dark
<input type="checkbox"/> *Leaf: anthocyanin colouration	present	present
<input type="checkbox"/> *Leaf: intensity of anthocyanin colouration	medium	medium
<input type="checkbox"/> Leaf: intensity of anthocyanin colouration	medium	medium
<input type="checkbox"/> Leaf: distribution of anthocyanin	localised	localised
<input type="checkbox"/> Leaf: kind of anthocyanin distribution	diffused only	diffused only

<input checked="" type="checkbox"/>	Leaf: glossiness of upper side	strong	medium
<input checked="" type="checkbox"/>	*Leaf: blistering	absent or very weak to weak	medium
<input checked="" type="checkbox"/>	Leaf: size of blisters	very small to small	medium
<input checked="" type="checkbox"/>	*Leaf blade: degree of undulation of margin	medium to strong	strong to very strong
<input type="checkbox"/>	Leaf blade: incisions of margin on apical part	absent	absent
<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	early	early
<input type="checkbox"/>	*Time of: beginning of bolting under long day conditions	early	early
<input type="checkbox"/>	Plant: height	medium	medium
<input type="checkbox"/>	Plant: fasciation	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Bughatti'	'Jamai'
<input checked="" type="checkbox"/> Head: height	medium	medium to tall
<input type="checkbox"/> Leaf: colour (red component - RHS)	N186C	N186B
<input type="checkbox"/> Leaf: colour (green component - RHS)	146C	144B
<input type="checkbox"/> head: diameter	medium	medium

Statistical Table

Organ/Plant Part: Context	'Bughatti'	'Jamai'
<input checked="" type="checkbox"/> Head: height (mm)		
Mean	194.00	200.50
Std. Deviation	6.99	11.17
LSD/sig	3.61	P≤0.01
<input type="checkbox"/> Head: diameter (mm)		
Mean	310.50	316.50
Std. Deviation	9.56	15.99
LSD/sig	6.01	ns
<input type="checkbox"/> Head: Height/Diameter ratio		
Mean	0.63	0.63
Std. Deviation	0.03	0.04
LSD/sig	0.01	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2004	Applied	'Bughatti'
EU	2002	Applied	'Bughatti'

First sold in Germany in Oct 2002. First Australian sale in Nov 2004.

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

Lettuce (*Lactuca sativa*)

Variety: 'Betanto'
Synonym: N/A

Application no: 2005/004
Current status: ACCEPTED
Certificate no: N/A
Received: 10-Jan-2005
Accepted: 04-Feb-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Nunhems B.V.
Agent: Shelston IP
Telephone: 0297771127
Fax: 0292414666

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



Details of Application

Application Number	2005/004
Variety Name	'Betanto'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Synonym	Nil
Accepted Date	4 Feb 2005
Applicant	Nunhems B.V. Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW.
Qualified Person	John Oates

Details of Comparative Trial

Location	7A Faxall Rd., Kellyville, NSW (33°41'S, 150°57'E Elevation 70m)
Descriptor	UPOV TG/13/8
Period	Jan - March 2005
Conditions	Hydroponic NFT under 17% shade. Plants propagated from coated seed, no pest and disease treatments applied.
Trial Design	One hundred plants of 'Betanto' and of 'JaMai' arranged in a randomised design.
Measurements	Head Height and Diameter and Height/Diameter Ratio.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: in a continuing breeding programme two unnamed Nunza lines were crossed. The female parent was characterised by Bremia resistance. The male parent possessed anthocyanin pigmentation. Selection criteria: from the progeny of the cross the line Number 9672 ('Betanto') was selected for the following characteristics: seed colour black, leaf type red oakleaf, anthocyanin colour weak-medium and Bremia resistance to B1 1,3-18,20-22,25. Propagation: 'Betanto' has been uniform and stable since the F₆ generation through to the F₁₀ generation, no off-types have been observed. Breeder: J. van Schijndel, Nunza 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
Seed	colour	black
Leaf	anthocyanin colouration	present
Time of beginning of bolting under long day conditions		early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Maserati'	
'Red Salad Bowl'	
'Jamai'	
'Ferrari'	
'Kendai'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Maserati'	Plant size	medium	medium to large
'Red Salad Bowl'	Leaf shape	elliptic	transverse broad elliptic
'Ferrari'	Plant size	medium	medium to large
'Maserati'	Plant size	medium	medium to large
'Kendai'	Bremia resistance	present to races B1. 17, 18, 20	absent to races B1. 17, 18, 20
'Kendai'	Plant fasciation	absent	present (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	'Betanto'	'Jamai'
<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	semi-erect
<input type="checkbox"/> Leaf blade: division	lobed	lobed
<input checked="" type="checkbox"/> *Plant: diameter	medium	medium to large
<input type="checkbox"/> *Plant: head formation	open head	open head
<input checked="" type="checkbox"/> Head: density	loose	medium
<input type="checkbox"/> Head: size	medium	medium
<input type="checkbox"/> *Head: shape in longitudinal section	circular	circular
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: shape	transverse broad elliptic	transverse broad elliptic
<input type="checkbox"/> Leaf: tip of leaf blade	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	reddish	reddish

<input checked="" type="checkbox"/>	*Leaf: intensity of colour of outer leaves	dark to very dark	medium to dark
<input type="checkbox"/>	*Leaf: anthocyanin colouration	present	present
<input checked="" type="checkbox"/>	*Leaf: intensity of anthocyanin colouration	strong	medium
<input type="checkbox"/>	Leaf: distribution of anthocyanin	localised	localised
<input type="checkbox"/>	Leaf: kind of anthocyanin distribution	diffused only	diffused only
<input type="checkbox"/>	Leaf: glossiness of upper side	strong	strong
<input checked="" type="checkbox"/>	*Leaf: blistering	weak to medium	medium
<input type="checkbox"/>	Leaf: size of blisters	medium	medium
<input type="checkbox"/>	*Leaf blade: degree of undulation of margin	strong	strong
<input type="checkbox"/>	Leaf blade: incisions of margin on apical part	absent	absent
<input type="checkbox"/>	Leaf blade: venation	flabellate	flabellate
<input type="checkbox"/>	Axillary: sprouting	absent or very weak to weak	absent or very weak
<input type="checkbox"/>	Time of: harvest maturity	early	early
<input type="checkbox"/>	*Time of: beginning of bolting under long day conditions	early	early
<input type="checkbox"/>	Plant: height	medium	medium
<input type="checkbox"/>	Plant: fasciation	absent	absent

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Betanto’	‘Jamai’
<input checked="" type="checkbox"/> Head: height	medium	short to medium
<input type="checkbox"/> Leaf: colour (red component - RHS)	N186B	N186B
<input checked="" type="checkbox"/> Leaf: colour (green component - RHS)	146D	144B
<input checked="" type="checkbox"/> Head: diameter	medium	medium to large

Statistical Table

Organ/Plant Part: Context	‘Betanto’	‘Jamai’
<input checked="" type="checkbox"/> Head: diameter (mm)		
Mean	303.00	316.50
Std. Deviation	19.47	15.99
LSD/sig	4.503	P≤0.01
<input checked="" type="checkbox"/> Head: height (mm)		
Mean	225.00	200.50
Std. Deviation	26.77	11.17
LSD/sig	24.5	P≤0.01
<input checked="" type="checkbox"/> Head: Height/Diameter ratio		
Mean	0.74	0.63
Std. Deviation	0.07	0.04
LSD/sig	0.022	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	1999	Granted	‘Betanto’

First sold in The Netherlands in Mar 2004. First Australian sale Nov 2004.

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

Plant Varieties Journal - Search Result Details

Globe Artichoke (*Cynara scolymus*)

Variety: 'Menuet'

Synonym: N/A

Application no: 2004/135

Current status: ACCEPTED

Certificate no: N/A

Received: 21-Apr-2004

Accepted: 19-Aug-2004

Granted: N/A

**Description
published in
Plant Varieties
Journal:**

Volume 18, Issue 3

Title Holder: NUNHEMS B.V. and Institute National de la Recherche (INRA)

Agent: Blake Dawson Waldron

Telephone: 0396793000

Fax: 0396793111

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



Details of Application

Application Number	2004/135
Variety Name	'Menuet'
Genus Species	<i>Cynara scolymus</i>
Common Name	Globe Artichoke
Synonym	Nil
Accepted Date	19 Aug 2004
Applicant	Nunhems B.V. and Institut National de la Recherche Agronomique (I.N.R.A.).
Agent	Blake Dawson Waldron, Melbourne, VIC.
Qualified Person	John Oates

Details of Comparative Trial

Location	AJ Sherrif and Son, Castlereagh Rd, Castlereagh NSW 2749 (Lat 33 41'S Long 150 39'E, elevation 20m)
Descriptor	TG/184/3
Period	Autumn to spring 2004
Conditions	Field trial on alluvial clay loam soil, using spray irrigation, plants propagated from seed, nil pest and disease treatments applied.
Trial Design	Forty plants of 'Menuet' and forty plants of 'Imperial Star' arranged in a randomised design over four replicates.
Measurements	From ten plants of each variety at random. One sample per plant.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: seed parent Nun 0037 AR x pollen parent Nun 0036 AR. The variety was bred in France between 1985 and 1996, and the first observations of the hybrid made in Valencia (Spain) during 1998. Hybrid between two clonally multiplied parents. The female is a male-sterile plant derived from the INRA variety Salanquet with an introduced male-sterility gene (*ms1*) from the Principle cultivar. The male was obtained after two generations of inbreeding and selection from a derivative elite population of green clones developed by the INRA (France). Both parents are not completely homozygotic so some small variability is found within the hybrid. This variation affects the shape of the head (sometimes with more open bracts or more elongated). Selection criteria: quality and yield. Breeder: breeding work was performed jointly by the Applicants, Institut Nationale de la Recherche Agronomique (INRA) of 147 rue de l'Universite, 75338 Paris, Cedex 07, France and Nunza BV of 6, Voort, 6083 AC Nunhem, 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
Outer Bract	colour	green
Plant	height	medium to tall
Flower Head	size	medium to large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Camus de Bretagne’	Clonal multiplication
‘Green Globe’	Head shape varies with season, thorns present
‘Imperial Star’	Head shape stable with season, thorns absent

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Camus de Bretagne’	Plant multiplication	seed	clonal
‘Green Globe’	Flower head shape	stable with season	variable with season
‘Green Globe’	Thorns present/absent	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	‘Menuet’	‘Imperial Star’
<input type="checkbox"/> *Plant: height	medium to tall	medium to tall
<input type="checkbox"/> Plant: number of lateral shoots on main stem	few to medium	medium
<input type="checkbox"/> *Main stem: height	medium to tall	medium to tall
<input checked="" type="checkbox"/> Main stem: distance between central flower head and youngest well developed leaf	medium	long
<input type="checkbox"/> Main stem: diameter	large	large
<input type="checkbox"/> *Leaf: attitude	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: long spines	absent	absent
<input checked="" type="checkbox"/> Leaf: length	medium to long	long
<input type="checkbox"/> *Leaf: incisions	present	present
<input type="checkbox"/> Leaf: number of lobes	medium	medium
<input checked="" type="checkbox"/> Leaf: length of longest lobe	long	short
<input checked="" type="checkbox"/> Leaf: width of longest lobe	medium to broad	medium
<input type="checkbox"/> Lobe: shape of tip	obtuse	nearly right angle
<input type="checkbox"/> Lobe: number of secondary lobes	medium	medium
<input type="checkbox"/> Lobe: shape of tip of secondary lobes	rounded	rounded
<input type="checkbox"/> Leaf blade: shape in cross section	V shaped	V shaped
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	medium
<input type="checkbox"/> *Leaf blade: hue of green colour	yellowish	yellowish
<input type="checkbox"/> Leaf blade: intensity of grey hue	weak	weak
<input type="checkbox"/> *Leaf: hairiness on upper side	absent or very	absent or very weak

	weak	
<input type="checkbox"/> *Leaf blade: blistering	absent or very weak	absent or very weak
<input type="checkbox"/> Petiole: anthocyanin colouration at base	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Central flower head: length	medium to long	long
<input type="checkbox"/> Central flower head: diameter	large	large
<input type="checkbox"/> *Central flower head: size	medium to large	medium to large
<input type="checkbox"/> *Central flower head: shape in longitudinal section	circular	circular
<input type="checkbox"/> *Central flower head: shape of tip	flat	flat
<input type="checkbox"/> *Central flower head: time of appearance	medium	medium
<input checked="" type="checkbox"/> Central flower head: time of beginning of opening	late	medium
<input checked="" type="checkbox"/> First flower head on lateral shoot: length	medium to long	long
<input checked="" type="checkbox"/> First flower head on lateral shoot: diameter	medium	medium to large
<input checked="" type="checkbox"/> First flower head on lateral shoot: size	medium to large	large
<input type="checkbox"/> First flower head on lateral shoot: shape in longitudinal section	circular	circular
<input type="checkbox"/> First flower head on lateral shoot: degree of opening	medium	medium
<input checked="" type="checkbox"/> Outer bract: length of base	medium	short
<input checked="" type="checkbox"/> Outer bract: width of base	medium to broad	medium
<input checked="" type="checkbox"/> Outer bract: thickness at base	medium to thick	medium
<input type="checkbox"/> *Outer bract: main shape	longer than broad	longer than broad
<input type="checkbox"/> *Outer bract: shape of apex	emarginate	emarginate
<input type="checkbox"/> *Outer bract: depth of emargination	medium to deep	medium to deep
<input type="checkbox"/> *Outer bract: colour	green	green
<input type="checkbox"/> *Outer bract: hue of secondary colour	absent	absent
<input type="checkbox"/> Outer bract: reflexing of tip	present	present
<input type="checkbox"/> *Outer bract: size of spine	absent or very small	absent or very small
<input type="checkbox"/> Outer bract: mucron	absent	absent
<input type="checkbox"/> Central flower head: anthocyanin colouration of inner bracts	absent or very weak	absent or very weak
<input type="checkbox"/> Central flower head: density of inner bracts	medium	medium
<input type="checkbox"/> Receptacle: diameter	medium	small
<input type="checkbox"/> Receptacle: thickness	medium	medium
<input type="checkbox"/> Receptacle: shape in longitudinal section	strongly depressed	slightly depressed
<input type="checkbox"/> Tendency to: produce lateral shoots at base	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Menuet’	‘Imperial Star’
<input type="checkbox"/> Leaf blade: colour	147A	147A

<input type="checkbox"/> Outer bracts: colour	194A	194A
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Statistical Table

Organ/Plant Part: Context	'Menuet'	'Imperial Star'
<input type="checkbox"/> Plant: height (mm)		
Mean	879.80	884.90
Std. Deviation	55.10	83.64
LSD/sig	65.98	ns
<input type="checkbox"/> Main stem: height (mm)		
Mean	797.00	790.90
Std. Deviation	52.08	83.64
LSD/sig	64.00	ns
<input checked="" type="checkbox"/> Main stem: head to leaf distance (mm)		
Mean	280.00	384.00
Std. Deviation	20.68	72.79
Lsd/sig	59.63	P≤0.01
<input type="checkbox"/> Main stem: diameter (mm)		
Mean	30.30	29.00
Std. Deviation	0.99	1.31
LSD/sig	1.43	ns
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	1016.60	1276.90
Std. Deviation	60.55	70.16
LSD/sig	74.74	P≤0.01
<input checked="" type="checkbox"/> Leaf: length - longest lobe (mm)		
Mean	281.50	105.70
Std. Deviation	17.86	11.51
LSD/sig	59.90	P≤0.01
<input checked="" type="checkbox"/> Leaf: width - longest lobe (mm)		
Mean	12.62	9.68
Std. Deviation	2.58	1.72
LSD/sig	10.11	P≤0.01
<input checked="" type="checkbox"/> Leaf: length/width ratio		
Mean	2.48	1.14
Std. Deviation	0.16	0.16
LSD/sig	0.17	P≤0.01
<input checked="" type="checkbox"/> Central flower head: length (mm)		
Mean	83.23	93.79
Std. Deviation	5.19	9.03
LSD/sig	10.54	P≤0.01
<input type="checkbox"/> Central flower head: diameter (mm)		
Mean	98.24	105.68
Std. Deviation	14.68	11.65
LSD/sig	12.22	ns
<input type="checkbox"/> Central flower head: length/Diameter ratio		
Mean	0.79	0.89

Std. Deviation	0.26	0.07
LSD/sig	0.22	ns
<input checked="" type="checkbox"/> First lateral flower head: length (mm)		
Mean	77.21	93.31
Std. Deviation	4.10	6.74
LSD/sig	5.66	P≤0.01
<input checked="" type="checkbox"/> First lateral flower head: diameter (mm)		
Mean	83.14	95.51
Std. Deviation	5.79	6.83
LSD/sig	8.05	P≤0.01
<input checked="" type="checkbox"/> First lateral flower head: length/diameter ratio		
Mean	0.93	0.98
Std. Deviation	0.06	0.04
LSD/sig	0.06	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2001	Applied	'Menuet'

First sold in UK in Apr 2002.

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

Globe Artichoke (*Cynara scolymus*)

Variety: 'Concerto'
Synonym: N/A

Application no: 2004/136
Current status: ACCEPTED
Certificate no: N/A
Received: 21-Apr-2004
Accepted: 19-Aug-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: NUNHEMS B.V. and Institute National de la Recherche (INRA)
Agent: Blake Dawson Waldron
Telephone: 0396793000
Fax: 0396793111

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



Details of Application

Application Number	2004/136
Variety Name	'Concerto'
Genus Species	<i>Cynara scolymus</i>
Common Name	Globe Artichoke
Synonym	Nil
Accepted Date	19 Aug 2004
Applicant	Nunhems B.V. and Institut National de la Recherche Agronomique (I.N.R.A.)
Agent	Blake Dawson Waldron, Melbourne, VIC.
Qualified Person	John Oates

Details of Comparative Trial

Location	AJ Sherrif and Son, Castlereagh Rd, Castlereagh NSW 2749 (Lat 33° 41'S Long 150°39'E, elevation 20m)
Descriptor	184/3
Period	Autumn to spring 2004
Conditions	Field trial on alluvial clay loam soil, using spray irrigation, plants propagated from seed, nil pest and disease treatments applied.
Trial Design	Forty plants of 'Concerto' and forty plants of 'Violin' arranged in a randomised design.
Measurements	From ten plants of each variety at random. One sample per plant.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: seed parent 'Nun 0048 AR' x pollen parent 'Nun 0040 AR'. The variety was bred in France between 1985 and 1996, and the first observations of the hybrid made in Valencia (Spain) during 1998. Hybrid between two clonally multiplied parents. The female was obtained after two generations of inbreeding and selection from a derivate elite population of green clones developed by the INRA (France). The male has four generations of inbreeding and selection from the local French cultivar 'Salambo' developed by the INRA. Both parents are not completely homozygotic so some small variability is found within the hybrid. This variation affects the shape of the head (sometimes a bit rounder) and a heterogeneity in bolting time. The Breeding work was performed jointly by the Applicants, Institut Nationale de la Recherche Agronomique (INRA) of 147 rue de l'Universite, 75338 Paris, Cedex 07, France and Nunza BV of 6, Voort, 6083 AC Nunhem, 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
Outer Bracts	colour	red
Inflorescence	head shape	ovate
Plant	height	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Violin'	
'Imperial Star'	
'Violet de Provence'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Violet de Provence'	Plant propagation system	seed	vegetative
'Violet de Provence'	Flower Headcolour	light violet	dark violet
'Imperial Star'	Flower Headcolour	violet	green

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

Organ/Plant Part: Context	'Concerto'	'Violin'
<input type="checkbox"/> *Plant: height	medium to tall	medium to tall
<input type="checkbox"/> Plant: number of lateral shoots on main stem	medium	medium
<input type="checkbox"/> *Main stem: height	medium	medium
<input checked="" type="checkbox"/> Main stem: distance between central flower head and youngest well developed leaf	medium	short to medium
<input checked="" type="checkbox"/> Main stem: diameter	medium	small to medium
<input type="checkbox"/> *Leaf: attitude	semi-erect	semi-erect
<input type="checkbox"/> *Leaf: long spines	absent	absent
<input checked="" type="checkbox"/> Leaf: length	long	medium to long
<input type="checkbox"/> *Leaf: incisions	present	present
<input type="checkbox"/> Leaf: number of lobes	medium	medium
<input type="checkbox"/> Leaf: length of longest lobe	short to medium	short to medium
<input checked="" type="checkbox"/> Leaf: width of longest lobe	medium to broad	medium
<input type="checkbox"/> Lobe: shape of tip	acute	acute
<input type="checkbox"/> Lobe: number of secondary lobes	medium	medium
<input type="checkbox"/> Lobe: shape of tip of secondary lobes	rounded	rounded
<input type="checkbox"/> Leaf blade: shape in cross section	V shaped	V shaped
<input type="checkbox"/> Leaf blade: intensity of green colour	medium	medium
<input type="checkbox"/> *Leaf blade: hue of green colour	absent	absent
<input type="checkbox"/> Leaf blade: intensity of grey hue	weak	weak

<input type="checkbox"/>	*Leaf: hairiness on upper side	absent or very weak	absent or very weak
<input type="checkbox"/>	*Leaf blade: blistering	absent or very weak	absent or very weak
<input type="checkbox"/>	Petiole: anthocyanin colouration at base	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	Central flower head: length	medium	long
<input type="checkbox"/>	Central flower head: diameter	medium	medium
<input checked="" type="checkbox"/>	*Central flower head: size	medium	medium to large
<input type="checkbox"/>	*Central flower head: shape in longitudinal section	ovate	ovate
<input type="checkbox"/>	*Central flower head: shape of tip	rounded	rounded
<input type="checkbox"/>	*Central flower head: time of appearance	medium	medium
<input checked="" type="checkbox"/>	Central flower head: time of beginning of opening	late	medium
<input checked="" type="checkbox"/>	First flower head on lateral shoot: length	medium	long
<input type="checkbox"/>	First flower head on lateral shoot: diameter	small to medium	small to medium
<input type="checkbox"/>	First flower head on lateral shoot: size	small to medium	small to medium
<input type="checkbox"/>	First flower head on lateral shoot: shape in longitudinal section	ovate	ovate
<input type="checkbox"/>	First flower head on lateral shoot: degree of opening	medium	medium
<input type="checkbox"/>	Outer bract: length of base	medium	medium
<input type="checkbox"/>	Outer bract: width of base	narrow	narrow
<input type="checkbox"/>	Outer bract: thickness at base	medium	medium
<input type="checkbox"/>	*Outer bract: main shape	longer than broad	longer than broad
<input type="checkbox"/>	*Outer bract: shape of apex	emarginate	emarginate
<input checked="" type="checkbox"/>	*Outer bract: depth of emargination	shallow to medium	deep
<input type="checkbox"/>	*Outer bract: colour	mainly violet	mainly violet
<input type="checkbox"/>	*Outer bract: hue of secondary colour	grey	grey
<input checked="" type="checkbox"/>	Outer bract: reflexing of tip	absent	present
<input checked="" type="checkbox"/>	*Outer bract: size of spine	absent or very small to small	small
<input type="checkbox"/>	Outer bract: mucron	absent	absent
<input checked="" type="checkbox"/>	Central flower head: anthocyanin colouration of inner bracts	weak	medium to strong
<input checked="" type="checkbox"/>	Central flower head: density of inner bracts	medium	dense
<input checked="" type="checkbox"/>	Receptacle: diameter	small to medium	small
<input type="checkbox"/>	Receptacle: thickness	medium	medium
<input type="checkbox"/>	Receptacle: shape in longitudinal section	strongly depressed	strongly depressed
<input type="checkbox"/>	Tendency to: produce lateral shoots at base	very weak to weak	weak

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context

‘Concerto’

‘Violin’

<input checked="" type="checkbox"/>	Leaf blade: width	broad	
<input type="checkbox"/>	Leaf blade: colour (RHS 2001)	147A	147A
<input checked="" type="checkbox"/>	Outer bracts: colour (RHS 2001)	N77C	N92A
<input type="checkbox"/>	Leaf blade: colour	147A	147A
<input checked="" type="checkbox"/>	Outer bracts: colour	N77C	N92A

Statistical Table

Organ/Plant Part: Context	'Concerto'	'Violin'
<input type="checkbox"/> Plant : Height (cm)		
Mean	787.00	790.00
Std. Deviation	35.21	31.80
LSD/sig	36.05	ns
<input type="checkbox"/> Main Stem: Height (cm)		
Mean	703.50	692.80
Std. Deviation	33.44	32.33
LSD/sig	38.82	ns
<input checked="" type="checkbox"/> Main Stem: Length Top Leaf to Head (cm)		
Mean	578.50	526.50
Std. Deviation	38.73	28.48
LSD/sig	35.85	P≤0.01
<input checked="" type="checkbox"/> Main Stem: Diameter (mm)		
Mean	29.73	25.60
Std. Deviation	1.66	2.19
LSD/sig	0.3	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	1047.00	915.50
Std. Deviation	68.04	69.86
LSD/sig	20.26	P≤0.01
<input checked="" type="checkbox"/> Leaf: Width (mm)		
Mean	454.00	423.00
Std. Deviation	40.67	48.66
LSD/sig	20.16	P≤0.01
<input type="checkbox"/> Leaf: Length/Width Ratio		
Mean	2.32	2.21
Std. Deviation	0.16	0.28
LSD/sig	0.29	ns
<input type="checkbox"/> Leaf: Length (longest lobe) (mm)		
Mean	269.30	263.20
Std. Deviation	20.15	28.44
LSD/sig	7.46	ns
<input checked="" type="checkbox"/> Leaf: Width (longest lobe) (mm)		
Mean	109.40	93.00
Std. Deviation	17.53	13.37
LSD/sig	4.81	P≤0.01
<input type="checkbox"/> Leaf: Longest Lobe Length/Width Ratio		

Mean	2.51	2.87
Std. Deviation	0.37	0.36
LSD/sig	0.36	ns
<input checked="" type="checkbox"/> Flower Head: length (mm)		
Mean	83.47	97.29
Std. Deviation	5.64	6.87
LSD/sig	5.98	P≤0.01
<input type="checkbox"/> Flower Head: Diameter (mm)		
Mean	83.23	88.74
Std. Deviation	6.24	5.14
LSD/sig	5.9	ns
<input checked="" type="checkbox"/> Flower Head: Length/Width Ratio		
Mean	1.01	1.10
Std. Deviation	0.06	0.07
LSD/sig	0.09	P≤0.01
<input checked="" type="checkbox"/> First Lateral Flower Head: Length (mm)		
Mean	74.85	104.89
Std. Deviation	4.31	8.50
LSD/sig	9.21	P≤0.01
<input type="checkbox"/> First Lateral Flower Head: Diameter (mm)		
Mean	74.85	67.41
Std. Deviation	4.45	6.36
LSD/sig	7.64	ns
<input checked="" type="checkbox"/> First Lateral Flower Head: Length/Width Ratio		
Mean	1.09	1.56
Std. Deviation	0.09	0.13
LSD/sig	0.13	P≤0.01
<input checked="" type="checkbox"/> Receptacle: Diameter (mm)		
Mean	32.34	26.84
Std. Deviation	3.94	3.30
LSD/sig	4.84	P≤0.01
<input type="checkbox"/> Receptacle: Thickness (mm)		
Mean	5.01	4.84
Std. Deviation	0.79	0.66
LSD/sig	1.09	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Israel	2003	Applied	'Concerto'
EU	2001	Applied	'Concerto'

First sold in Italy in Mar 2001.

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

Lettuce (*Lactuca sativa*)

Variety: 'Barcelona'

Synonym: N/A

Application no: 2003/323

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Nov-2003

Accepted: 19-Aug-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Nunza B.V.

Agent: Blake Dawson Waldron

Telephone: (03) 9679 3065

Fax: (08) 9679 3111

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



Barcelona

Titania

Details of Application

Application Number 2003/323
Variety Name 'Barcelona'
Genus Species *Lactuca sativa*
Common Name Lettuce
Synonym Nil.
Accepted Date 19 Aug 2004
Applicant Nunza B.V. Haelen, The Netherlands.
Agent Blake Dawson Waldron, Melbourne, VIC.
Qualified Person John Oates

Details of Comparative Trial

Location Bents Basin Road, Wallacia 33°55'S 150°37'E
Elevation 52m
Descriptor UPOV TG/13/8
Period Jun to Sep 2005
Conditions Seedlings transplanted into raised beds. Spray irrigated as required. Trial experienced some excess moisture with cold temperatures.
Trial Design At least 200 plants of the applicant and the comparator were sown in adjacent beds.
Measurements Plant height and diameter. Head height and diameter.
RHS Chart - edition 2001

Origin and Breeding

Controlled pollination: as part of an ongoing breeding program, during 1996 two unnamed parental plants from the proprietary collection of the applicant were hybridised. Crossing and selection continued until the F₈ generation. The variety was first observed, as "Nun 9019", at Noordlandseweg, The Netherlands. Propagation: the mode of propagation between generations is by seed. There have been no off-types observed. Breeder: Nunza 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
Axillary sprouting	degree of	absent or very weak
Leaf blistering	degree of	medium to strong
Plant head	size	moderate to large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Grenadier'	
'Titanic'	
'Dublin'	
'Dynamic'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Grenadier'	plant	diameter	medium to large	large to very large
'Dublin'	plant	size	large	medium
'Dynamic'	plant	size	large	medium
'Dublin'	plant	vigour	strong	moderate
'Grenadier'	head	diameter	medium to large	Large

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

Organ/Plant Part: Context	'Barcelona'	'Titanic'
<input type="checkbox"/> *Seed: colour	black	black
<input type="checkbox"/> *Seedling: anthocyanin colouration	absent	absent
<input type="checkbox"/> Seedling: size of cotyledon	medium	medium
<input type="checkbox"/> Seedling: shape of cotyledon	elliptic to broad elliptic	elliptic to broad elliptic
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect
<input type="checkbox"/> Leaf blade: division	entire	entire
<input checked="" type="checkbox"/> *Plant: diameter	medium to large	medium
<input type="checkbox"/> *Plant: head formation	closed head	closed head
<input type="checkbox"/> Head: degree of overlapping of upper part of leaves (varieties with closed head formation only)	strong	strong
<input type="checkbox"/> Head: density	dense	dense
<input checked="" type="checkbox"/> Head: size	medium to large	small to medium
<input type="checkbox"/> *Head: shape in longitudinal section	circular	circular
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect to horizontal	semi-erect to horizontal
<input checked="" type="checkbox"/> *Leaf: shape	broad obtrullate	obovate
<input type="checkbox"/> Leaf: tip of leaf blade	rounded	rounded
<input type="checkbox"/> *Leaf: hue of green colour of outer leaves	yellowish	yellowish
<input type="checkbox"/> *Leaf: intensity of colour of outer leaves	medium	medium
<input type="checkbox"/> *Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input checked="" type="checkbox"/> *Leaf: blistering	medium	medium to strong
<input type="checkbox"/> Leaf: size of blisters	medium	medium
<input type="checkbox"/> *Leaf blade: degree of undulation of margin	medium to strong	medium to strong
<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	medium to deep	medium
<input type="checkbox"/> Leaf blade: density of incisions on margin on apical part	medium to dense	medium to dense
<input type="checkbox"/> Leaf blade: venation	flabellate	flabellate

<input type="checkbox"/>	Axillary: sprouting	absent or very weak to weak	absent or very weak to weak
<input type="checkbox"/>	Time of: harvest maturity	medium	medium
<input checked="" type="checkbox"/>	*Time of: beginning of bolting under long day conditions	early to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Barcelona'	'Titanic'
<input checked="" type="checkbox"/> Plant: height	medium to tall	medium
<input type="checkbox"/> Leaf: colour green	146B	146B
<input checked="" type="checkbox"/> Head: height	medium to tall	short to medium
<input checked="" type="checkbox"/> head: diameter	medium to large	medium

Statistical Table

Organ/Plant Part: Context	'Barcelona'	'Titanic'
<input checked="" type="checkbox"/> Plant: diameter (mm)		
Mean	435.00	454.00
Std. Deviation	16.50	32.39
LSD/sig	8.02	P≤0.01
<input checked="" type="checkbox"/> Plant: height (mm)		
Mean	230.50	221.50
Std. Deviation	25.87	21.61
LSD/sig	6.83	P≤0.01
<input checked="" type="checkbox"/> Head: height (mm)		
Mean	130.00	121.00
Std. Deviation	8.50	9.07
LSD/sig	9.00	P≤0.01
<input checked="" type="checkbox"/> Head: diameter (mm)		
Mean	164.50	157.50
Std. Deviation	4.97	7.91
LSD/sig	2.90	P≤0.01
<input checked="" type="checkbox"/> Plant: height/diameter ratio		
Mean	0.53	0.49
Std. Deviation	0.07	0.07
LSD/sig	0.023	P≤0.01
<input type="checkbox"/> Head: height/diameter ratio		
Mean	0.79	0.77
Std. Deviation	0.05	0.05
LSD/sig	0.02	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	1999	Granted	'Barcelona'

First sold in The Netherlands in Dec 1999. First Australian sale Dec 2002.

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

Plant Varieties Journal - Search Result Details

Poinsettia (*Euphorbia pulcherrima*)

Variety: 'Eckansley'

Synonym: Holly Point

Application no: 2005/034

Current status: ACCEPTED

Certificate no: N/A

Received: 14-Feb-2005

Accepted: 22-Apr-2005

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

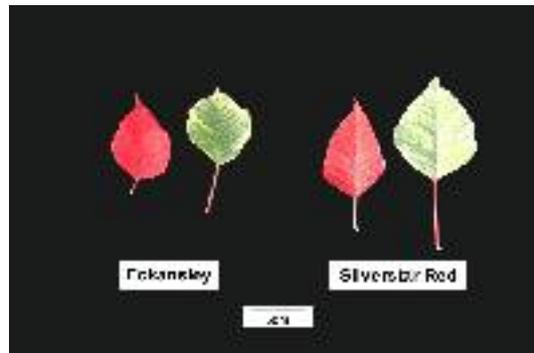
Title Holder: Paul Ecke Ranch, Inc

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: 0243531875

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



Details of Application

Application Number 2005/034
Variety Name 'Eckansley'
Genus Species *Euphorbia pulcherrima*
Common Name Poinsettia
Synonym Holly Point
Accepted Date 22 Apr 2005
Applicant Paul Ecke Ranch, Inc, Encinitas, California, USA.
Agent Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person Ian Paananen

Details of Comparative Trial

Location Tuggerah, NSW
Descriptor TG/24/5
Period Mar to Sep 2005
Conditions Trial conducted in a heated polyhouse, plants propagated from cuttings under long day conditions with lights, rooted cuttings planted into 150mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, short days commenced at week 19, preventative pest and disease treatments were applied.
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 1995

Origin and Breeding

Spontaneous mutation: 'Lilo'. The new variety was selected as a naturally occurring branch mutation from the variety 'Lilo' in 1996. The parent is characterised by an absence of leaf variegation and large leaf and bract size. Selection took place at Encinitas, California, USA. Selection criteria: based on bract and leaf variegation, colour and form, strong and free branching and good post production longevity. It was subsequently compared to other varieties and found to be distinct from them. Since 1996 it has been asexually reproduced by cuttings and has maintained its characters in a uniform and stable manner. Propagation: stock plants generated vegetatively by cuttings are found to be uniform and stable. Breeder: Franz Fruewirth, 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
Leaf blade	variegation	present
Bract	colour	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
-------------	-----------------

'Silverstar
Red'

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

Organ/Plant Part: Context	'Eckansley'	'Silverstar Red'
<input type="checkbox"/> *Plant: monstrosity	absent	absent
<input type="checkbox"/> *Plant: branching	present	present
<input type="checkbox"/> *Plant: number of branches	medium to many	medium to many
<input checked="" type="checkbox"/> Plant: height	short	short to medium
<input type="checkbox"/> Plant: width	medium	medium
<input checked="" type="checkbox"/> *Stem: colour	greenish	reddish
<input checked="" type="checkbox"/> *Stem: intensity of colour	medium	strong
<input checked="" type="checkbox"/> *Leaf blade: length	short	long
<input checked="" type="checkbox"/> *Leaf blade: width	narrow to medium	medium to broad
<input type="checkbox"/> *Leaf blade: shape	broad ovate wedge-shaped	broad ovate
<input type="checkbox"/> *Leaf blade: shape of base	wedge-shaped	
<input type="checkbox"/> *Leaf blade: colour of upper side	greenish	greenish
<input checked="" type="checkbox"/> *Leaf blade: intensity of colour of upper side	weak to medium	weak
<input type="checkbox"/> *Leaf blade: colour of lower side	greenish	greenish
<input checked="" type="checkbox"/> *Leaf blade: intensity of colour of lower side	weak to medium	weak
<input type="checkbox"/> *Leaf blade: colour of veins on upper side	greenish	greenish
<input type="checkbox"/> *Leaf blade: colour of veins on lower side	greenish	greenish
<input checked="" type="checkbox"/> *Leaf blade: development of lobes	weak	absent or very weak to weak
<input type="checkbox"/> *Leaf blade: shape of sinus between lobes	rounded	rounded
<input type="checkbox"/> *Leaf blade: incision of margin	absent	absent
<input type="checkbox"/> *Petiole: length	medium	medium to long
<input type="checkbox"/> *Petiole: colour of upper side	reddish	reddish
<input checked="" type="checkbox"/> *Petiole: intensity of colour of upper side	strong	medium to strong
<input type="checkbox"/> *Petiole: colour of lower side	reddish	reddish
<input checked="" type="checkbox"/> *Petiole: intensity of colour of lower side	medium to strong	medium
<input type="checkbox"/> *Bract: bicoloured bracts	absent	absent
<input checked="" type="checkbox"/> *Bracts: number of uniform coloured bracts	medium	few to

			medium
<input checked="" type="checkbox"/>	*Bracts: distance between the upper and lower bracts	very short to short	short
<input checked="" type="checkbox"/>	*Bract: colour of upper side (RHS colour chart)	ca 45A	46A
<input type="checkbox"/>	Bract: colour of margin compared to main part	similar	similar
<input checked="" type="checkbox"/>	*Bract: colour of lower side (RHS colour chart)	ca 45B	46B
<input checked="" type="checkbox"/>	Bract: development of lobes	weak	absent or very weak
<input type="checkbox"/>	Bract: shape of sinus between the lobes	round	round
<input type="checkbox"/>	Bract: incision of margin	absent	absent
<input type="checkbox"/>	Bract: folding	present	present
<input type="checkbox"/>	Bract: curving	absent	absent
<input type="checkbox"/>	Bract: twisting	absent	absent
<input type="checkbox"/>	Bract: rugosity between veins	present	present
<input type="checkbox"/>	Bract: intensity of rugosity between veins	strong	strong
<input checked="" type="checkbox"/>	*Largest bract: length	short	long
<input checked="" type="checkbox"/>	*Largest bract: width	narrow	medium
<input type="checkbox"/>	*Largest bract: shape of base	rounded	rounded
<input type="checkbox"/>	*Largest bract: shape	broad ovate	broad ovate
<input type="checkbox"/>	*Cyme: width	medium	medium
<input type="checkbox"/>	*Cyathium: size of glands	medium	medium
<input checked="" type="checkbox"/>	*Cyathium: colour of glands	yellow	orange
<input type="checkbox"/>	Cyathium: red colouration of margin of glands	present	present
<input checked="" type="checkbox"/>	Cyathium: intensity of colouration of margin of glands	medium to strong	strong
<input checked="" type="checkbox"/>	Time of: opening of first three cyathia	early	medium
<input checked="" type="checkbox"/>	Cyathium: persistence	short to medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Eckansley’	‘Silverstar Red’
<input checked="" type="checkbox"/> Leaf blade: colours of variegation (RHS)	147A, 148A, 10A	147B, 148C, 10D
<input type="checkbox"/> Leaf blade: variegation	present	present
<input type="checkbox"/> Leaf blade: number of colours	three	three

Statistical Table

Organ/Plant Part: Context	‘Eckansley’	‘Silverstar Red’
<input checked="" type="checkbox"/> Leaf blade: length (mm)		
Mean	86.50	124.20
Std. Deviation	5.30	4.90
LSD/sig	5.83	P≤0.01
<input checked="" type="checkbox"/> Leaf blade: width (mm)		

Mean	70.20	77.90
Std. Deviation	7.40	5.70
LSD/sig	7.57	P≤0.01
<input checked="" type="checkbox"/> Petiole: length (mm)		
Mean	55.60	66.80
Std. Deviation	8.40	8.40
LSD/sig	9.43	P≤0.01
<input checked="" type="checkbox"/> Bract: number		
Mean	17.80	12.50
Std. Deviation	2.80	1.50
LSD/sig	2.58	P≤0.01
<input checked="" type="checkbox"/> Bract: width (mm)		
Mean	63.60	63.20
Std. Deviation	5.70	5.20
LSD/sig	6.24	P≤0.01
<input type="checkbox"/> Cyme: width (mm)		
Mean	23.90	20.60
Std. Deviation	1.10	4.00
LSD/sig	3.37	ns
<input checked="" type="checkbox"/> Bract: length (mm)		
Mean	87.60	100.50
Std. Deviation	6.40	11.90
LSD/sig	6.4	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	1999	Granted	'Eckansley'
Japan	2002	Applied	'Eckansley'
EU	1999	Granted	'Eckansley'
USA	1999	Granted	'Eckansley'

First sold in USA in Jul 2001. First Australian sale Aug 2004.

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

Poinsettia (*Euphorbia pulcherrima*)

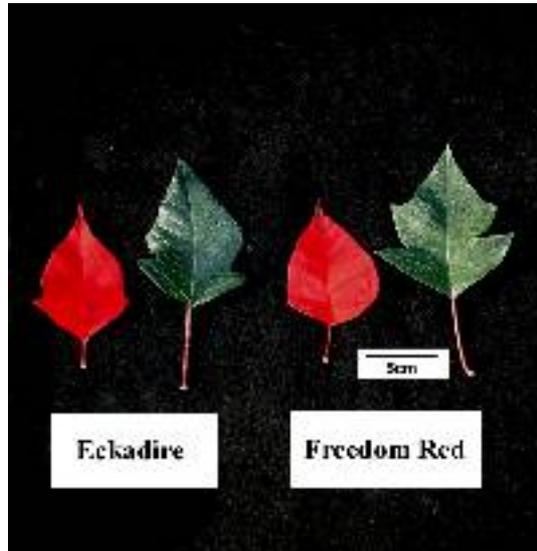
Variety: 'Eckadire'
Synonym: Prestige Red

Application no: 2005/035
Current status: ACCEPTED
Certificate no: N/A
Received: 14-Feb-2005
Accepted: 19-Apr-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Paul Ecke Ranch, Inc
Agent: Ramm Botanicals Holdings Pty Ltd
Telephone: 0243512099
Fax: 0243531875

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



Details of Application

Application Number	2005/035
Variety Name	'Eckadire'
Genus Species	<i>Euphorbia pulcherrima</i>
Common Name	Poinsettia
Synonym	Prestige Red
Accepted Date	19 Apr 2005
Applicant	Paul Ecke Ranch, Inc, Encinitas, California, USA.
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Tuggerah, NSW
Descriptor	TG/24/5
Period	March to September 2005
Conditions	Trial conducted in a heated polyhouse, plants propagated from cuttings under long day conditions with lights, rooted cuttings planted into 150mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, short days commenced at week 19, preventative pest and disease treatments were applied.
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	1995

Origin and Breeding

Controlled pollination: In 1998 controlled pollination between 'N59' (female) and 'N33' (male) resulted in progeny from which the resulting plant was selected in Dec. The seed parent is characterised by a late season and medium internode length. The pollen parent is characterised by a late season and medium green leaf colour and a medium red bract colour. Selection took place at Encinitas, California, USA. Selection criteria: based on colour of flower bracts and the form of the plant with respect to uprightiness, compactness and stem strength. It was subsequently compared to other varieties and found to be distinct from them. Propagation: stock plants generated vegetatively by cuttings are found to be uniform and stable. Breeder: Franz Fruewirth, USA. Since 1999 it has been asexually reproduced by cuttings and has maintained its characters in a uniform and stable manner.

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	flowering response	early
Leaf blade	colour	dark green
Bract	colour	red
Plant	growth vigour	moderate

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Freedom Red'	

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

Organ/Plant Part: Context	'Eckadire'	'Freedom Red'
<input type="checkbox"/> *Plant: monstrosity	absent	absent
<input type="checkbox"/> *Plant: branching	present	present
<input checked="" type="checkbox"/> *Plant: number of branches	medium to many	medium
<input type="checkbox"/> Plant: height	medium	medium
<input type="checkbox"/> Plant: width	medium	medium
<input type="checkbox"/> *Stem: colour	reddish	reddish
<input checked="" type="checkbox"/> *Stem: intensity of colour	strong	very strong
<input type="checkbox"/> *Leaf blade: length	long	long
<input type="checkbox"/> *Leaf blade: width	broad	broad
<input type="checkbox"/> *Leaf blade: shape	broad ovate	broad ovate
<input checked="" type="checkbox"/> *Leaf blade: shape of base	rounded	wedge-shaped
<input type="checkbox"/> *Leaf blade: colour of upper side	greenish	greenish
<input type="checkbox"/> *Leaf blade: intensity of colour of upper side	medium to strong	medium to strong
<input type="checkbox"/> *Leaf blade: colour of lower side	greenish	greenish
<input type="checkbox"/> *Leaf blade: intensity of colour of lower side	weak	weak
<input type="checkbox"/> *Leaf blade: colour of veins on upper side	greenish	greenish
<input checked="" type="checkbox"/> *Leaf blade: colour of veins on lower side	greenish	reddish
<input checked="" type="checkbox"/> *Leaf blade: development of lobes	medium	medium to strong
<input type="checkbox"/> *Leaf blade: shape of sinus between lobes	rounded	rounded
<input type="checkbox"/> *Leaf blade: incision of margin	absent	absent
<input checked="" type="checkbox"/> *Petiole: length	medium to long	medium
<input type="checkbox"/> *Petiole: colour of upper side	reddish	reddish
<input type="checkbox"/> *Petiole: intensity of colour of upper side	very strong	very strong
<input type="checkbox"/> *Petiole: colour of lower side	reddish	reddish
<input type="checkbox"/> *Petiole: intensity of colour of lower side	strong to very strong	strong to very strong

<input type="checkbox"/>	*Bract: bicoloured bracts	absent	absent
<input checked="" type="checkbox"/>	*Bracts: number of uniform coloured bracts	medium	medium to many
<input checked="" type="checkbox"/>	*Bracts: distance between the upper and lower bracts	short	medium to long
<input type="checkbox"/>	*Bract: colour of upper side (RHS colour chart)	brighter than 46A	brighter than 46A
<input type="checkbox"/>	Bract: colour of margin compared to main part	similar	similar
<input checked="" type="checkbox"/>	*Bract: colour of lower side (RHS colour chart)	ca 45B	46B
<input checked="" type="checkbox"/>	Bract: development of lobes	weak to medium	weak
<input type="checkbox"/>	Bract: shape of sinus between the lobes	round	round
<input type="checkbox"/>	Bract: incision of margin	absent	absent
<input type="checkbox"/>	Bract: folding	present	present
<input type="checkbox"/>	Bract: curving	absent	absent
<input type="checkbox"/>	Bract: twisting	absent	absent
<input type="checkbox"/>	Bract: rugosity between veins	present	present
<input checked="" type="checkbox"/>	Bract: intensity of rugosity between veins	very weak to weak	weak to medium
<input type="checkbox"/>	*Largest bract: length	long to very long	long to very long
<input checked="" type="checkbox"/>	*Largest bract: width	medium to broad	broad
<input checked="" type="checkbox"/>	*Largest bract: shape of base	wedge-shaped	rounded
<input type="checkbox"/>	*Largest bract: shape	broad ovate	broad ovate
<input checked="" type="checkbox"/>	*Cyme: width	medium	broad
<input type="checkbox"/>	*Cyathium: size of glands	medium	medium
<input type="checkbox"/>	*Cyathium: colour of glands	yellow	
<input type="checkbox"/>	Cyathium: red colouration of margin of glands	present	present
<input checked="" type="checkbox"/>	Cyathium: intensity of colouration of margin of glands	medium to strong	medium
<input type="checkbox"/>	Time of: opening of first three cyathia	early	early
<input type="checkbox"/>	Cyathium: persistence	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Eckadire’	‘Freedom Red’
<input type="checkbox"/> Leaf blade: variegation	absent	absent

Statistical Table

Organ/Plant Part: Context	‘Eckadire’	‘Freedom Red’
<input type="checkbox"/> Leaf blade: length (mm)		
Mean	123.60	125.30
Std. Deviation	6.60	9.10
LSD/sig	9.04	ns
<input type="checkbox"/> Leaf blade: width (mm)		
Mean	85.90	89.90
Std. Deviation	5.30	15.10
LSD/sig	12.9	ns
<input type="checkbox"/> Petiole: length (mm)		

Mean	68.30	59.60
Std. Deviation	7.90	8.10
LSD/sig	9.10	ns
<input checked="" type="checkbox"/> Bract: number		
Mean	18.60	23.10
Std. Deviation	2.90	2.10
LSD/sig	2.86	P≤0.01
<input checked="" type="checkbox"/> Bract: length (mm)		
Mean	132.60	139.70
Std. Deviation	8.20	7.80
LSD/sig	9.16	P≤0.01
<input checked="" type="checkbox"/> Bract: width (mm)		
Mean	88.40	104.00
Std. Deviation	6.70	11.80
LSD/sig	10.92	P≤0.01
<input checked="" type="checkbox"/> Cyme: width (mm)		
Mean	24.10	31.40
Std. Deviation	1.50	4.40
LSD/sig	3.80	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2000	Granted	'Eckadire'
Japan	2002	Applied	'Eckadire'
EU	2002	Rejected	'Eckadire'
USA	2001	Granted	'Eckadire'

First sold in USA in February 2001. First Australian sale Mar 2004.

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

Plant Varieties Journal - Search Result Details

Poinsettia (*Euphorbia pulcherrima*)

Variety: 'Windark'
Synonym: N/A

Application no: 2001/380
Current status: ACCEPTED
Certificate no: N/A
Received: 19-Dec-2001
Accepted: 20-Aug-2002
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Paul Ecke Ranch, Inc
Agent: Ramm Botanicals Holdings Pty Ltd
Telephone: 0243512099
Fax: 0243531875

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



Details of Application

Application Number 2001/380
Variety Name 'Windark'
Genus Species *Euphorbia pulcherrima*
Common Name Poinsettia
Synonym Nil
Accepted Date 20 Aug 2002
Applicant Paul Ecke Ranch, Inc, Encinitas, California, USA.
Agent Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person Ian Paananen

Details of Comparative Trial

Location Tuggerah, NSW
Descriptor TG/24/5
Period Mar to Oct 2005
Conditions Trial conducted in a heated polyhouse. Plants propagated from cuttings under long day conditions with lights, rooted cuttings planted into 150mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, short days commenced at week 23, preventative pest and disease treatments were applied.
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 1995

Origin and Breeding

Spontaneous mutation: the new variety was selected as a naturally occurring branch mutation from the breeders proprietary seedling code number P-60 in 1995. Selection was based on bract and leaf display, colour and form, desirable bract and foliage colour, strong and free branching and good post production longevity. It was subsequently compared to other varieties and found to be distinct from them. Since 1995 it has been asexually reproduced by cuttings and has maintained its characters in a uniform and stable manner. Spontaneous mutation: 'P-60'. The parent is characterised by a medium-tall plant height, large bract size and few branches. Selection took place at Encinitas, California, USA. Selection criteria: flower bract and leaf colour, variegated leaf and plant form. Propagation: stock plants generated vegetatively by cuttings are found to be uniform and stable. Breeder: Franz Fruewirth, 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
Bract	curving	present
Bract	colour	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Fireball'	

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

Organ/Plant Part: Context	‘Windark’	‘Fireball’
<input type="checkbox"/> *Plant: monstrosity	absent	absent
<input checked="" type="checkbox"/> *Plant: branching	present	absent
<input checked="" type="checkbox"/> *Plant: number of branches	medium	
<input checked="" type="checkbox"/> Plant: height	short	medium to tall
<input checked="" type="checkbox"/> Plant: width	narrow to medium	very narrow to narrow
<input checked="" type="checkbox"/> *Stem: colour	reddish striped with green	greenish
<input checked="" type="checkbox"/> *Stem: intensity of colour	medium	medium to strong
<input type="checkbox"/> *Leaf blade: length	very short to short	very short to short
<input checked="" type="checkbox"/> *Leaf blade: width	narrow to medium	medium
<input type="checkbox"/> *Leaf blade: shape	broad ovate	broad ovate
<input type="checkbox"/> *Leaf blade: shape of base	rounded	rounded
<input type="checkbox"/> *Leaf blade: colour of upper side	greenish	greenish
<input checked="" type="checkbox"/> *Leaf blade: intensity of colour of upper side	strong	medium to strong
<input type="checkbox"/> *Leaf blade: colour of lower side	greenish	greenish
<input type="checkbox"/> *Leaf blade: intensity of colour of lower side	weak	weak
<input type="checkbox"/> *Leaf blade: colour of veins on upper side	greenish	greenish
<input type="checkbox"/> *Leaf blade: colour of veins on lower side	greenish	greenish
<input type="checkbox"/> *Leaf blade: development of lobes	absent or very weak	absent or very weak
<input type="checkbox"/> *Leaf blade: incision of margin	absent	absent
<input type="checkbox"/> *Petiole: colour of upper side	reddish	reddish
<input checked="" type="checkbox"/> *Petiole: intensity of colour of upper side	very strong	strong
<input checked="" type="checkbox"/> *Petiole: colour of lower side	reddish	greenish
<input checked="" type="checkbox"/> *Petiole: intensity of colour of lower side	weak to medium	weak
<input type="checkbox"/> *Bract: bicoloured bracts	absent	absent
<input checked="" type="checkbox"/> *Bracts: number of uniform coloured bracts	medium	very many
<input checked="" type="checkbox"/> *Bracts: distance between the upper and lower bracts	very short	short
<input type="checkbox"/> *Bract: colour of upper side (RHS colour chart)	ca 45B	ca 45B
<input type="checkbox"/> Bract: colour of margin compared to main part	similar	similar
<input checked="" type="checkbox"/> *Bract: colour of lower side (RHS colour chart)	ca 46C	45D
<input type="checkbox"/> Bract: development of lobes	absent or very weak	absent or very weak
<input type="checkbox"/> Bract: incision of margin	absent	absent
<input type="checkbox"/> Bract: folding	present	present
<input type="checkbox"/> Bract: curving	present	present

<input type="checkbox"/>	Bract: twisting	present	present
<input type="checkbox"/>	Bract: rugosity between veins	present	present
<input type="checkbox"/>	Bract: intensity of rugosity between veins	weak to medium	weak to medium
<input checked="" type="checkbox"/>	*Largest bract: shape of base	rounded	wedge-shaped
<input checked="" type="checkbox"/>	*Largest bract: shape	broad elliptical to broad ovate	broad elliptical
<input checked="" type="checkbox"/>	*Cyme: width	medium	narrow
<input type="checkbox"/>	*Cyathium: size of glands	medium	medium
<input type="checkbox"/>	*Cyathium: colour of glands	yellow	yellow
<input checked="" type="checkbox"/>	Cyathium: red colouration of margin of glands	present	absent
<input checked="" type="checkbox"/>	Cyathium: intensity of colouration of margin of glands	medium to strong	
<input checked="" type="checkbox"/>	Time of: opening of first three cyathia	early to medium	medium to late
<input type="checkbox"/>	Cyathium: persistence	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Windark’	‘Fireball’
<input type="checkbox"/> Leaf blade: variegation	absent	absent
<input type="checkbox"/> Leaf blade: curving	present	present
<input checked="" type="checkbox"/> Leaf blade: degree of curvature	strong	very strong
<input checked="" type="checkbox"/> Leaf blade: glossiness	very weak	weak-medium

Statistical Table

Organ/Plant Part: Context	‘Windark’	‘Fireball’
<input type="checkbox"/> Leaf blade: length (mm)		
Mean	80.60	81.50
Std. Deviation	7.80	10.00
LSD/sig	10.3	ns
<input checked="" type="checkbox"/> Leaf blade: width (mm)		
Mean	65.00	79.90
Std. Deviation	3.80	10.00
LSD/sig	8.61	P≤0.01
<input checked="" type="checkbox"/> Petiole: length (mm)		
Mean	18.00	22.00
Std. Deviation	2.10	2.80
LSD/sig	2.82	P≤0.01
<input checked="" type="checkbox"/> Bract: length (mm)		
Mean	69.60	87.10
Std. Deviation	9.10	7.50
LSD/sig	9.52	P≤0.01
<input checked="" type="checkbox"/> Bract: width (mm)		
Mean	64.20	49.30
Std. Deviation	9.60	5.80
LSD/sig	9.02	P≤0.01
<input checked="" type="checkbox"/> Cyme: width (mm)		

Mean	26.90	14.10
Std. Deviation	2.50	1.40
LSD/sig	2.35	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	1999	Granted	'Windark'

First sold in USA Dec 1997. First Australian sale Nov 2001.

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

Plant Varieties Journal - Search Result Details

Poinsettia (Euphorbia pulcherrima)

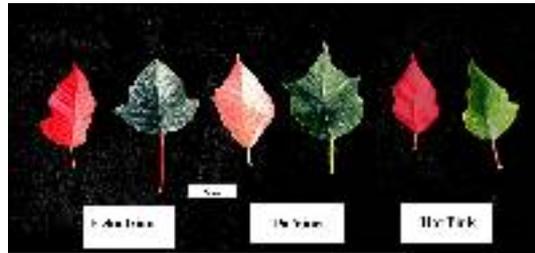
Variety: 'Eckadrian'
Synonym: Freedom Salmon

Application no: 2005/036
Current status: ACCEPTED
Certificate no: N/A
Received: 14-Feb-2005
Accepted: 19-Apr-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Paul Ecke Ranch, Inc
Agent: Ramm Botanicals Holdings Pty Ltd
Telephone: 0243512099
Fax: 0243531875

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



Details of Application

Application Number	2005/036
Variety Name	'Eckadrian'
Genus Species	<i>Euphorbia pulcherrima</i>
Common Name	Poinsettia
Synonym	Freedom Salmon
Accepted Date	19 Apr 2005
Applicant	Paul Ecke Ranch, Inc, Encinitas, California, USA.
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Tuggerah, NSW
Descriptor	TG/24/5
Period	Mar to Sep 2005
Conditions	Trial conducted in a heated polyhouse, plants propagated from cuttings under long day conditions with lights, rooted cuttings planted into 150mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, short day s commenced at week 19, preventative pest and disease treatments were applied.
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	1995

Origin and Breeding

Induced mutation: 'Bright Red Freedom'. The parent is characterised by bright red flower bract colour. Un-rooted cuttings of the variety 'Bright Red Freedom' were exposed to X-ray irradiation. The new variety was selected from resultant progeny in Feb 1998. Selection took place at Encinitas, California, USA. Selection criteria: based on colour of flower bracts and the form of the plant with respect to uprightness, compactness and stem strength. It was subsequently compared to other varieties and found to be distinct from them. Since 1998 it has been asexually reproduced by cuttings and has maintained its characters in a uniform and stable manner. Propagation: stock plants generated vegetatively by cuttings are found to be uniform and stable. Breeder: Franz Fruewirth, 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
Bract	colour	dark pink-salmon
Plant	flowering response	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Hot Pink'	
'Da Vinci'	

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

Organ/Plant Part: Context	'Eckadrian'	'Da Vinci'	'Hot Pink'
<input type="checkbox"/> *Plant: monstrosity	absent	absent	absent
<input type="checkbox"/> *Plant: branching	present	present	present
<input checked="" type="checkbox"/> *Plant: number of branches	medium	medium to many	medium to many
<input checked="" type="checkbox"/> Plant: height	medium	short to medium	short
<input type="checkbox"/> Plant: width	medium	medium	medium
<input checked="" type="checkbox"/> *Stem: colour	reddish	greenish	reddish
<input checked="" type="checkbox"/> *Stem: intensity of colour	very weak to weak	medium	
<input checked="" type="checkbox"/> *Leaf blade: length	medium	long	medium to long
<input checked="" type="checkbox"/> *Leaf blade: width	narrow to medium	broad	medium to broad
<input type="checkbox"/> *Leaf blade: shape	broad ovate	broad ovate	broad ovate
<input checked="" type="checkbox"/> *Leaf blade: shape of base	rounded	rounded	wedge-shaped
<input type="checkbox"/> *Leaf blade: colour of upper side	greenish	greenish	greenish
<input type="checkbox"/> *Leaf blade: intensity of colour of upper side	medium	medium	medium
<input type="checkbox"/> *Leaf blade: colour of lower side	greenish	greenish	greenish
<input checked="" type="checkbox"/> *Leaf blade: intensity of colour of lower side	weak	weak to medium	weak
<input type="checkbox"/> *Leaf blade: colour of veins on upper side	greenish	greenish	greenish
<input type="checkbox"/> *Leaf blade: colour of veins on lower side	greenish	greenish	greenish
<input checked="" type="checkbox"/> *Leaf blade: development of lobes	weak	medium	weak
<input type="checkbox"/> *Leaf blade: shape of sinus between lobes	rounded	rounded	rounded
<input type="checkbox"/> *Leaf blade: incision of margin	absent	absent	absent
<input checked="" type="checkbox"/> *Petiole: length	medium to long	short to medium	medium
<input checked="" type="checkbox"/> *Petiole: colour of upper side	reddish	greenish	reddish
<input checked="" type="checkbox"/> *Petiole: intensity of colour of upper side	weak to medium	medium	strong

<input checked="" type="checkbox"/>	*Petiole: colour of lower side	reddish	greenish	reddish
<input checked="" type="checkbox"/>	*Petiole: intensity of colour of lower side	very weak	medium	medium to strong
<input checked="" type="checkbox"/>	*Bract: bicoloured bracts	absent	present	absent
<input type="checkbox"/>	*Bracts: number of uniform coloured bracts	medium	medium	medium
<input checked="" type="checkbox"/>	*Bracts: distance between the upper and lower bracts	short	short	medium
<input checked="" type="checkbox"/>	*Bract: colour of upper side (RHS colour chart)	ca. 50A	41C with speckles 42A	ca. 46C
<input type="checkbox"/>	Bract: colour of margin compared to main part	similar	similar	similar
<input checked="" type="checkbox"/>	*Bract: colour of lower side (RHS colour chart)	48A	41D with speckles 42A	ca. 46C
<input checked="" type="checkbox"/>	Bract: development of lobes	weak to medium	medium	weak to medium
<input type="checkbox"/>	Bract: shape of sinus between the lobes	round	round	round
<input type="checkbox"/>	Bract: incision of margin	absent	absent	absent
<input type="checkbox"/>	Bract: folding	present	present	present
<input type="checkbox"/>	Bract: curving	absent	absent	absent
<input type="checkbox"/>	Bract: twisting	absent	absent	absent
<input type="checkbox"/>	Bract: rugosity between veins	present	present	present
<input checked="" type="checkbox"/>	Bract: intensity of rugosity between veins	very weak to weak	medium	weak to medium
<input checked="" type="checkbox"/>	*Largest bract: length	medium to long	long to very long	long
<input checked="" type="checkbox"/>	*Largest bract: width	medium to broad	broad	medium
<input checked="" type="checkbox"/>	*Largest bract: shape of base	wedge-shaped	rounded	wedge-shaped
<input type="checkbox"/>	*Largest bract: shape	broad ovate	broad ovate	broad ovate
<input checked="" type="checkbox"/>	*Cyme: width	medium to broad	medium to broad	broad
<input type="checkbox"/>	*Cyathium: size of glands	medium	medium	medium
<input checked="" type="checkbox"/>	*Cyathium: colour of glands	yellow	yellow	
<input checked="" type="checkbox"/>	Cyathium: red colouration of margin of glands	absent	absent	present
<input checked="" type="checkbox"/>	Cyathium: intensity of colouration of margin of glands	medium to strong		
<input type="checkbox"/>	Time of: opening of first three cyathia	early	early	early
<input type="checkbox"/>	Cyathium: persistence	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Eckadrian’	‘Da Vinci’	‘Hot Pink’
<input type="checkbox"/> Leaf blade: variegation	absent	absent	absent

Statistical Table

Organ/Plant Part: Context	‘Eckadrian’	‘Da Vinci’	‘Hot Pink’
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<input checked="" type="checkbox"/> Leaf blade: length (mm)			
Mean	95.70	131.90	115.30
Std. Deviation	7.70	11.00	8.80
LSD/sig	10.6	P≤0.01	ns
<input checked="" type="checkbox"/> Leaf blade: width (mm)			
Mean	70.20	110.40	81.60
Std. Deviation	5.40	14.50	8.70
LSD/sig	11.68	P≤0.01	ns
<input checked="" type="checkbox"/> Petiole: length (mm)			
Mean	68.20	50.10	58.80
Std. Deviation	8.80	6.60	5.60
LSD/sig	8.14	P≤0.01	P≤0.01
<input type="checkbox"/> Bract: number			
Mean	15.50	17.50	16.90
Std. Deviation	1.60	2.40	2.50
LSD/sig	2.52	ns	ns
<input checked="" type="checkbox"/> Bract: length (mm)			
Mean	113.40	137.10	102.10
Std. Deviation	10.30	10.40	7.50
LSD/sig	10.83	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Bract: width (mm)			
Mean	82.00	90.20	69.10
Std. Deviation	3.60	7.90	4.30
LSD/sig	6.41	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Cyme: width (mm)			
Mean	25.60	25.30	29.50
Std. Deviation	3.90	2.40	3.10
LSD/sig	3.66	ns	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	1999	Rejected	'Eckadrian'
Japan	2002	Applied	'Eckadrian'
EU	2000	Rejected	'Eckadrian'
USA	2001	USA	'Eckadrian'

First sold in USA in June 2001. First Australian sale Mar 2004.

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

Cordyline (*Cordyline fruticosa*)

Variety: 'Gan01'
Synonym: N/A

Application no: 2001/319
Current status: ACCEPTED
Certificate no: N/A
Received: 14-Nov-2001
Accepted: 29-Nov-2001
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: R.F. Ganley trading as Tropicolor Nursery
Agent: Anthony Tesselaar Plants Pty Ltd
Telephone: N/A
Fax: N/A

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



Details of Application

Application Number 2001/319
Variety Name 'Gan01'
Genus Species *Cordyline fruticosa*
Common Name Cordyline
Synonym Nil
Accepted Date 29 Nov 2001
Applicant R.F. Ganley trading as Tropicolor Nursery, Deeral, QLD.
Agent Anthony Tesselaar Plants Pty Ltd, Silvan, VIC.

Qualified Person Christopher Prescott

Details of Comparative Trial

Location Clyde, VIC (Latitude 38°09' South, elevation 16m)
Descriptor General Descriptor
Period Spring 2004 to Sep 2005.
Conditions Trial conducted in A controlled environment double skinned polyhouse under a UVB screening film, temperature was maintained above 15 degrees Celsius. The plants were on their own roots planted into 210mm (1 plant per pot) pots filled with a pine bark based potting mix, nutrition maintained as part of a commercial hydroponic system, pest and disease treatments applied as required
Trial Design 10 plants of 'Gan01', 6 plants of 'Hawaiian Flag' on benches two plants deep, arranged side by side.
Measurements From plants at random. One sample per plant stem
RHS Chart - edition 2001

Origin and Breeding

Spontaneous mutation: parent 'Hawaiian Flag'. The parent is characterised by its large predominantly green leaves with secondary colours of yellow and red. Selection took place in 1997. Selection criteria: the mutation was chosen on the basis of plant size and foliage colour. Propagation: vegetative. Breeder: Robyn Ganley, Deeral, 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
Leaves	shape	petiolate, broad lanceolate
Bush	size	small to medium
Leaves	colour	green/yellow blends some red on margin

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Hawaiian Flag'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Lemon 'n' Lime'	Leaf	colour	red edges	no red present
'Early Morning Diamond'	Leaf	colour of mid rib upper side	green	strong red

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

Organ/Plant Part: Context	'Gan01'	'Hawaiian Flag'
<input type="checkbox"/> Plant: type	shrub	shrub
<input type="checkbox"/> Plant: growth habit	erect	erect
<input checked="" type="checkbox"/> Plant: size	small to medium	medium
<input checked="" type="checkbox"/> Plant: height	short to medium	medium
<input type="checkbox"/> Plant: width	medium	medium
<input type="checkbox"/> Stem: presence of anthocyanin in new growth	absent	absent
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input checked="" type="checkbox"/> Leaf: size	medium	medium to large
<input type="checkbox"/> Leaf: attitude	semi-erect	semi-erect
<input type="checkbox"/> Leaf: arrangement	equitant	equitant
<input checked="" type="checkbox"/> Leaf: length of blade	medium	medium to long
<input type="checkbox"/> Leaf: width of blade	medium	medium
<input type="checkbox"/> Leaf: length of petiole	medium	medium
<input type="checkbox"/> Leaf: shape	lanceolate	lanceolate
<input type="checkbox"/> Leaf: incision of margin	absent	absent
<input type="checkbox"/> Leaf: undulation of the margin	very weak	very weak
<input type="checkbox"/> Leaf: shape of cross-section	concave	concave
<input type="checkbox"/> Leaf: curvature of longitudinal axis	recurved	recurved
<input type="checkbox"/> Leaf: glossiness of upper side	medium	medium
<input type="checkbox"/> Leaf: presence of variegation	present	present
<input type="checkbox"/> Leaf: type of variegation	random	random
<input checked="" type="checkbox"/> Leaf: degree of variegation	high to very high	low to medium
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	144A upper side	144A upper side
<input type="checkbox"/> Leaf: secondary colour (RHS colour chart)	146A upper side	146A upper side
<input type="checkbox"/> Leaf: tertiary colour (RHS colour chart)	red	red
<input type="checkbox"/> Leaf: border between colours	not clearly defined	not clearly defined
<input type="checkbox"/> Leaf colour: number of colours	three or more	three or more
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> Flower: attitude	erect	erect
<input type="checkbox"/> Flower: diameter	very small	very small
<input type="checkbox"/> Flower: fragrance	absent	absent
<input type="checkbox"/> Flower: pedicel length	medium	medium
<input type="checkbox"/> Flower: sepal overlapping	present	present
<input type="checkbox"/> Flower: petaloids (petal-like structure bearing distorted	absent	absent

anthers)			
<input type="checkbox"/>	Petal: predominant colour of upper side (RHS colour chart)	white	white
<input type="checkbox"/>	Petal: predominant colour of lower side (RHS colour chart)	white	white
<input type="checkbox"/>	Petal: eye zone (basal spot upper side)	absent	absent
<input type="checkbox"/>	Petal: reflexing of margin	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: incision	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: undulation	absent or very weak	absent or very weak
<input type="checkbox"/>	Petal: shape	linear	linear

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Gan01’	‘Hawaiian Flag’
<input type="checkbox"/> Young leaf: main colour of upper side (RHS)	144A	144A
<input type="checkbox"/> Young leaf: secondary colour of upper side (RHS)	146A	146A
<input type="checkbox"/> Young leaf: distribution of main colour on upper side	margin zone	margin zone
<input type="checkbox"/> Young leaf: distribution of secondary colour on upper side	middle zone	middle zone
<input type="checkbox"/> Young leaf: markings on upper side	very weak	medium
<input type="checkbox"/> Young leaf: colour of markings on upper side	red	red
<input type="checkbox"/> Young leaf: distribution of markings on upper side	along the veins	along the veins
<input type="checkbox"/> Young leaf: intensity of markings at margin on upper side	medium	medium
<input type="checkbox"/> Young leaf: width of marking colouration at margin on upper side	very thin	thin
<input type="checkbox"/> Young leaf: colour of mid-vein on upper side (RHS)	144B	144B
<input type="checkbox"/> Young leaf: main colour of lower side (RHS)	144A	144A
<input type="checkbox"/> Young leaf: secondary colour on lower side (RHS)	146B	146B
<input type="checkbox"/> Young leaf: markings on lower side	medium	medium
<input type="checkbox"/> Young leaf: colour of mid-vein on lower side	green	green
<input type="checkbox"/> Young leaf: intensity of marking colouration on mid-vein on lower side	weak	medium

Prior Applications and Sales

Prior application nil. First sold in Australia in Aug 2001.

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

Plant Varieties Journal - Search Result Details

Kangaroo Paw (*Anigozanthos hybrid*)

Variety: 'Bush Spark'

Synonym: N/A

Application no: 2004/139

Current status: ACCEPTED

Certificate no: N/A

Received: 03-May-2004

Accepted: 01-Jun-2004

Granted: N/A

**Description
published in
Plant Varieties
Journal:**

Volume 18, Issue 3

Title Holder: Ramm Botanicals Holdings Pty Ltd

Agent: N/A

Telephone: N/A

Fax: N/A

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



Details of Application

Application Number 2004/139
Variety Name 'Bush Spark'
Genus Species *Anigozanthos* hybrid
Common Name Kangaroo Paw
Synonym
Accepted Date 01 Jun 2004
Applicant Ramm Botanicals Holdings Pty Ltd
Agent
Qualified Person Ian Paananen

Details of Comparative Trial

Location Somersby, NSW
Descriptor TG/175/3
Period Feb to May 2005
Conditions Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, no pest or disease treatments were 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 2001

Origin and Breeding

Controlled pollination: 'H35' (seed parent) x *A. flavidus* (pollen parent). The seed parent is characterised by an absence of inflorescence ramification, orange perianth colour and blue grey leaf colour. The pollen parent is characterised by a tall plant height and an orange flower colour. Selection took place at Tuggerah, NSW. Selection criteria: dwarf habit, extended flowering, flower colour and disease tolerance. Propagation: vegetative through micropropagation is found to be uniform and stable. Breeder: Angus Stewart, 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	height	medium to short
Flower	colour group	orange to orange-red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bush Splendour'	
'Bush Ranger'	
'Bush Inferno'	
'Bush Illusion'	

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

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

Organ/Plant Part: Context	'Bush Spark'	'Bush Splendour'	'Bush Ranger'	'Bush Inferno'	'Bush Illusion'
<input checked="" type="checkbox"/> *Plant: height	medium	short to medium	medium	short to medium	medium
<input checked="" type="checkbox"/> Plant: number of inflorescences	few to medium	medium	medium	few to medium	medium
<input type="checkbox"/> *Leaf: attitude	semi-erect	semi-erect	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Leaf: degree of curvature	straight	straight	straight	straight	straight
<input type="checkbox"/> Leaf: colour	green	green	green	green	green
<input type="checkbox"/> Leaf: glaucosity	very weak	very weak	very weak	very weak	very weak
<input type="checkbox"/> Leaf: degree of hairiness of margin	weakly expressed	weakly expressed	weakly expressed	weakly expressed	weakly expressed
<input type="checkbox"/> *Inflorescence: ramification	present	present	present	present	present
<input checked="" type="checkbox"/> Inflorescence: degree of ramification	tertiary	primary	tertiary	tertiary	tertiary
<input checked="" type="checkbox"/> Inflorescence: number of flowers	many	medium to many	medium	medium	medium
<input type="checkbox"/> Pedicel: colour of hairs (RHS colour chart)	N34A	N34A	34A	46A	34A
<input type="checkbox"/> Perianth tube: length	medium to long	short to medium	short to medium	short to medium	short to medium
<input checked="" type="checkbox"/> Perianth tube: width	medium to broad	narrow to medium	medium	medium	medium
<input type="checkbox"/> Perianth tube: profile	flared distally	flared distally	flared distally	flared distally	flared distally
<input type="checkbox"/> *Perianth tube: predominant colour	red	red	red	red	red
<input type="checkbox"/> Perianth tube: number of colours of hair	one	one	one	one	one
<input type="checkbox"/> Perianth tube: colour of tip of hairs (RHS colour chart)	N34A	N34A	34A	46A	34A
<input type="checkbox"/> Perianth tube: colour of middle third of hairs (RHS colour chart)	N34A	N34A	34A	46A	34A
<input type="checkbox"/> Perianth lobe: length of longest	short to medium	short to medium	short to medium	short to medium	short to medium
<input checked="" type="checkbox"/> *Perianth lobes:	medium	weak	weak	weak to medium	weak to medium

reflexing

<input type="checkbox"/> Flower: number of anthers at top of perianth	two	two	four	four	two
<input type="checkbox"/> Ovary: colour of hairs (RHS colour chart)	N34A	N34A	34A	46A	34A
<input type="checkbox"/> Flower: position of stigma in relation to anthers	above	above	above	same level	above
<input type="checkbox"/> Time of: beginning of flowering	early	early	early	early	early

Statistical Table

Organ/Plant Part: Context	'Bush Spark'	'Bush Splendour'	'Bush Ranger'	'Bush Inferno'	'Bush Illusion'
<input type="checkbox"/> Perianth: length of tube (mm)					
Mean	35.8	34.5	34.8	34.4	34.7
Std. Deviation	1.80	2.9	2.4	2.0	1.7
LSD/sig	2.42	ns	ns	ns	ns
Means Separation	a	a	a	a	a
Method Used	SNK				
<input checked="" type="checkbox"/> Plant: height (mm)					
Mean	63.50	41.70	53.4	43.3	47.2
Std. Deviation	3.20	2.10	4.0	5.1	3.3
LSD/sig	4.44	P≤0.01	P≤0.01	P≤0.01	P≤0.01
Means Separation	a	d	b	cd	c
Method Used	SNK				
<input checked="" type="checkbox"/> Plant: number of inflorescences					
Mean	3.20	9.50	5.7	3.4	5.4
Std. Deviation	0.60	1.60	0.9	0.8	1.8
LSD/sig	1.38	P≤0.01	P≤0.01	ns	P≤0.01
Means Separation	c	a	b	c	b
Method Used	SNK				
<input checked="" type="checkbox"/> Leaf: length (mm)					
Mean	300.30	171.90	183.8	229.2	189.7
Std. Deviation	44.20	16.10	17.1	21.3	21.7
LSD/sig	28.00	P≤0.01	P≤0.01	P≤0.01	P≤0.01
Means Separation	a	c	c	b	c
Method Used	SNK				
<input checked="" type="checkbox"/> Leaf: width (mm)					
Mean	14.90	11.60	12.4	13.0	12.4
Std. Deviation	3.30	1.40	2.0	1.7	1.1
LSD/sig	2.31	P≤0.01	ns	ns	ns
Means Separation	a	b	ab	ab	ab
Method Used	SNK				
<input checked="" type="checkbox"/> Perianth: width of tube (mm)					

Mean	6.3	4.44	4.5	5.8	5.1
Std. Deviation	0.7	0.4	0.6	0.5	0.6
LSD/sig	0.65	P≤0.01	P≤0.01	ns	P≤0.01
Means Separation	a	c	c	ab	c
Method Used	SNK				

Perianth: length of longest lobe (mm)

Mean	10.40	12.00	9.6	11.6	10.8
Std. Deviation	1.30	1.00	0.5	1.6	0.4
LSD/sig	1.17	P≤0.01	ns	ns	ns
Means Separation	bc	a	c	ab	abc
Method Used	SNK				

Prior Applications and Sales

First sold in Australia July 2004

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

Plant Varieties Journal - Search Result Details

Kangaroo Paw (*Anigozanthos hybrid*)

Variety: 'Bush Inferno'

Synonym: N/A

Application no: 2004/076

Current status: ACCEPTED

Certificate no: N/A

Received: 04-Mar-2004

Accepted: 25-Mar-2004

Granted: N/A

**Description
published in
Plant Varieties
Journal:**

Volume 18, Issue 3

Title Holder: Ramm Botanicals Holdings Pty Ltd

Agent: N/A

Telephone: N/A

Fax: N/A

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



Details of Application

Application Number	2004/076
Variety Name	'Bush Inferno'
Genus Species	<i>Anigozanthos</i> hybrid
Common Name	Kangaroo Paw
Synonym	Nil
Accepted Date	25 Mar 2004
Applicant	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Agent	N/A
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Somersby, NSW
Descriptor	TG/175/3
Period	Feb to May 2005
Conditions	Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, no pest or disease treatments were 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	2001

Origin and Breeding

Controlled pollination: 'H35' (seed parent) x *A. flavidus* (pollen parent). The seed parent is characterised by an absence of inflorescence ramification, orange perianth colour and blue grey leaf colour. The pollen parent is characterised by a tall plant height and an orange flower colour. Selection took place at Tuggerah, NSW. Selection criteria: dwarf habit, extended flowering, flower colour and disease tolerance. Propagation: vegetative through micropropagation is found to be uniform and stable. Breeder: Angus Stewart, 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	height	medium to short
Flower	colour group	red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bush Ranger'	
'Bush Ember'	
'Bush Illusion'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Bush Tango'	Flower colour group	red	more 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	'Bush Inferno'	'Bush Ember'	'Bush Illusion'	'Bush Ranger'
<input checked="" type="checkbox"/> *Plant: height	short to medium	medium	medium	medium
<input checked="" type="checkbox"/> Plant: number of inflorescences	few to medium	medium	medium	medium
<input type="checkbox"/> *Leaf: attitude	semi-erect	semi-erect	semi-erect	semi-erect
<input type="checkbox"/> Leaf: degree of curvature	straight	straight	straight	straight
<input type="checkbox"/> Leaf: colour	green	green	green	green
<input type="checkbox"/> Leaf: glaucosity	very weak	very weak	very weak	very weak
<input type="checkbox"/> Leaf: degree of hairiness of margin	weakly expressed	weakly expressed	weakly expressed	weakly expressed
<input type="checkbox"/> *Inflorescence: ramification	present	present	present	present
<input type="checkbox"/> Inflorescence: degree of ramification	tertiary	tertiary	tertiary	tertiary
<input checked="" type="checkbox"/> Inflorescence: number of flowers	medium	many	medium	medium
<input checked="" type="checkbox"/> Pedicel: colour of hairs (RHS colour chart)	46A	46A	34A	34A
<input type="checkbox"/> Perianth tube: length	short to medium	short to medium	short to medium	short to medium
<input type="checkbox"/> Perianth tube: width	medium	medium	medium	medium
<input type="checkbox"/> Perianth tube: profile	flared distally	flared distally	flared distally	flared distally
<input type="checkbox"/> *Perianth tube: predominant colour	red	red	red	red
<input type="checkbox"/> Perianth tube: number of colours of hair	one	one	one	one
<input checked="" type="checkbox"/> Perianth tube: colour of tip of hairs (RHS colour chart)	46A	46A	34A	34A
<input checked="" type="checkbox"/> Perianth tube: colour of middle third of hairs (RHS colour chart)	46A	46A	34A	34A
<input type="checkbox"/> Perianth lobe: length of longest	short to medium	short to medium	short to medium	short to medium
<input checked="" type="checkbox"/> *Perianth lobes: reflexing	weak to medium	weak to medium	weak to medium	weak
<input checked="" type="checkbox"/> Flower: number of anthers	four	two	two	four

at top of perianth

<input checked="" type="checkbox"/> Ovary: colour of hairs (RHS colour chart)	46A	46A	34A	34A
<input checked="" type="checkbox"/> Flower: position of stigma in relation to anthers	same level	above	above	above
<input type="checkbox"/> Time of: beginning of flowering	early	early	early	early

Statistical Table

Organ/Plant Part: Context ‘Bush Inferno’ ‘Bush Ember’ ‘Bush Illusion’ ‘Bush Ranger’

<input type="checkbox"/> Perianth: length of tube (mm)				
Mean	34.40	32.60	34.70	34.80
Std. Deviation	2.00	1.50	1.70	2.40
LSD/sig	2.42	ns	ns	ns
Means Separation	a	a	a	a
Method Used	SNK			
<input checked="" type="checkbox"/> Plant: height (mm)				
Mean	43.30	56.40	47.20	53.40
Std. Deviation	5.10	4.80	3.30	4.00
LSD/sig	4.44	P<0.01	ns	P<0.01
Means Separation	cd	b	c	b
Method Used	SNK			
<input checked="" type="checkbox"/> Plant: number of inflorescences				
Mean	3.40	5.60	5.40	5.70
Std. Deviation	0.80	1.00	1.80	0.90
LSD/sig	1.38	P<0.01	P<0.01	P<0.01
Means Separation	c	b	b	b
Method Used	SNK			
<input checked="" type="checkbox"/> Leaf: length (mm)				
Mean	229.20	194.10	189.70	183.80
Std. Deviation	21.30	13.40	21.70	17.10
LSD/sig	28.00	P<0.01	P<0.01	P<0.01
Means Separation	b	c	c	c
Method Used	SNK			
<input type="checkbox"/> Leaf: width (mm)				
Mean	13.00	12.00	12.40	12.40
Std. Deviation	1.70	1.80	1.10	2.00
LSD/sig	2.31	ns	ns	ns
Means Separation	ab	ab	ab	ab
Method Used	SNK			
<input checked="" type="checkbox"/> Perianth: width of tube (mm)				
Mean	5.83	5.60	5.10	4.50
Std. Deviation	0.50	0.60	0.60	0.60
LSD/sig	0.65	ns	P<0.01	P<0.01
Means Separation	ab	bc	c	c
Method Used	SNK			

☑	Perianth: length of longest lobe (mm)			
Mean	11.60	9.90	10.80	9.60
Std. Deviation	1.60	0.80	0.40	0.50
LSD/sig	1.17	ns	ns	P≤0.01
Means Separation	ab	c	abc	c
Method Used	SNK			

Prior Applications and Sales

First sold in Australia September 2003.

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

Everlasting Daisy (*Bracteantha bracteata*)

Variety: 'Redbralem'

Synonym: N/A

Application no: 2004/259

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Sep-2004

Accepted: 18-Nov-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

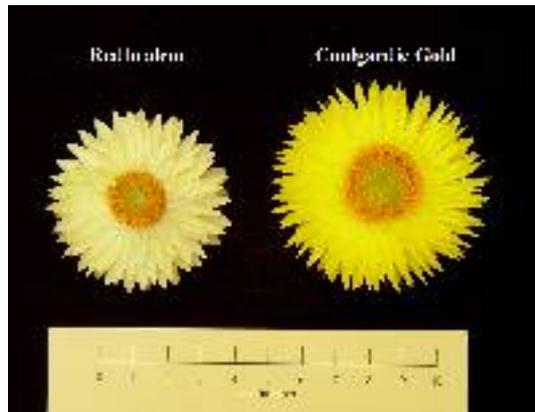
Title Holder: Redlands Nursery Pty Ltd

Agent: Aussie Winners Pty Ltd

Telephone: 0732067676

Fax: 0732068922

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



Details of Application

Application Number	2004/259
Variety Name	'Redbralem'
Genus Species	<i>Bracteantha bracteata</i>
Common Name	Everlasting Daisy
Synonym	Nil
Accepted Date	18 Nov 2004
Applicant	Redlands Nursery Pty Ltd
Agent	Aussie Winners Pty Ltd
Qualified Person	Dr K.V. Bunker

Details of Comparative Trial

Location	Redland Bay, Queensland
Descriptor	UPOV TG 205/1 Everlasting Daisy (Bracteantha)
Period	Mar - Aug 2005
Conditions	Cuttings were taken in Mar 2005 and potted on to 200mm pots in Apr 2005, with one plant per pot in pinepark medium with slow release fertiliser. Plants were grown in full sun under 10% hailcloth at Redland Bay, Queensland, with overhead irrigation. No growth regulators or pinching treatments were applied. Plants were assessed in Aug 2005.
Trial Design	Ten plants of each variety arranged in a Completely Randomised Block.
Measurements	One sample per plant.
RHS Chart - edition	1966

Origin and Breeding

Open pollination: 'Redbralem' was the result of open pollination of a number of selected *Bracteantha* varieties in a planned breeding program. Seeds were collected in early 1998 and seedlings evaluated. 'Redbralem' was selected for its large, attractive, lemon flower heads and compact bush habit. The variety was vegetatively propagated through several generations to ensure uniformity. The variety is propagated by cuttings and tissue culture. Breeder: Redlands Nursery, Redland Bay, 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	height of foliage	short
Involucre	main colour	yellow
Plant	type	bushy
Plant	growth habit	upright
Flower head	diameter	medium
Flowering shoot	length	short

Most Similar Varieties of Common Knowledge identified (VCK)

Name **Comments**

‘Coolgardie Gold’

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

Organ/Plant Part: Context	‘Redbralem’	‘Coolgardie Gold’
<input type="checkbox"/> *Plant: type	bushy	bushy
<input type="checkbox"/> Plant: growth habit (bushy types only)	upright	upright
<input type="checkbox"/> Plant: height including flowers	short	short
<input type="checkbox"/> Plant: height of foliage	short	short
<input type="checkbox"/> Stem: hairiness	absent or weak	absent or weak
<input type="checkbox"/> Leaf: position of broadest part	middle third	middle third
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: main colour of upper side	yellow green	yellow green
<input type="checkbox"/> Leaf: hairiness of upper side	absent or weak	absent or weak
<input type="checkbox"/> Leaf: hairiness of lower side	absent or weak	absent or weak
<input type="checkbox"/> Leaf: undulation of margin	absent or weak	absent or weak
<input type="checkbox"/> Flowering shoot: branching	strong	strong
<input type="checkbox"/> Flower bud: profile of apex	rounded	rounded
<input checked="" type="checkbox"/> Flower bud: main colour (RHS colour chart)	Yellow group - RHS 11C	Greyed orange group - RHS 164A
<input type="checkbox"/> Flower head: predominant position in relation to foliage	slightly below to slightly above	slightly below to slightly above
<input type="checkbox"/> Flower head: diameter	medium	medium
<input type="checkbox"/> Flower head: side view of lower part	concave	concave
<input checked="" type="checkbox"/> Flower head: side view of upper part	convex	concave
<input type="checkbox"/> *Involucre: number of colours	only one	only one
<input type="checkbox"/> *Involucre: main colour	yellow	yellow
<input type="checkbox"/> Bract: ratio length/width	three times as long as broad	four times as long as broad
<input checked="" type="checkbox"/> Bract: main colour of lower third of bract from inner third of involucre (RHS colour chart)	Yellow group - RHS 2C	Yellow group - RHS 2A
<input type="checkbox"/> Bract: main colour of middle third of bract from inner third of involucre (RHS colour chart)	Yellow group - RHS 2B	Yellow group - RHS 2A
<input type="checkbox"/> Bract: main colour of upper third of bract from inner third of involucre (RHS colour chart)	Yellow group - RHS 2B	Yellow group - RHS 2A
<input checked="" type="checkbox"/> Bract: main colour of lower third of bract from middle third of involucre (RHS colour chart)	Yellow group - RHS 2C	Yellow group - RHS 2A
<input type="checkbox"/> Bract: main colour of middle third of bract from middle	Yellow group - RHS 2B	Yellow group - RHS 2A

third of involucre (RHS colour chart)

<input type="checkbox"/> Bract: main colour of upper third of bract from middle third of involucre (RHS colour chart)	Yellow group - RHS 2B	Yellow group - RHS 2A
<input checked="" type="checkbox"/> Bract: main colour of lower third of bract from outer third of involucre (RHS colour chart)	Greyed yellow group - RHS 161C	Greyed orange group - RHS 163D
<input checked="" type="checkbox"/> Bract: main colour of middle third of bract from outer third of involucre (RHS colour chart)	Greyed yellow group - RHS 161C	Greyed orange group - RHS 163B
<input checked="" type="checkbox"/> Bract: main colour of upper third of bract from outer third of involucre (RHS colour chart)	Greyed yellow group - RHS 161A	Greyed orange group - RHS 163A

Statistical Table

Organ/Plant Part: Context	'Redbralem'	'Coolgardie Gold'
<input type="checkbox"/> Plant: height including flowers (cm)		
Mean	21.30	20.30
Std. Deviation	2.00	1.06
LSD/sig	1.83	ns
Method Used	ANOVA	
<input type="checkbox"/> Plant: height of foliage (cm)		
Mean	20.25	18.70
Std. Deviation	1.48	1.57
LSD/sig	1.74	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	81.72	96.40
Std. Deviation	10.12	8.82
LSD/sig	10.83	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Leaf: width (mm)		
Mean	14.76	15.94
Std. Deviation	2.09	2.21
LSD/sig	2.46	ns
Method Used	ANOVA	
<input type="checkbox"/> Leaf: ratio length/width		
Mean	5.59	6.09
Std. Deviation	0.70	0.40
LSD/sig	0.65	ns
Method Used	ANOVA	
<input type="checkbox"/> Flowering shoot: length (mm)		
Mean	17.10	16.80
Std. Deviation	2.04	1.23
LSD/sig	1.92	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Flower head: diameter (mm)		
Mean	53.29	62.88
Std. Deviation	2.61	1.15
LSD/sig	2.31	P≤0.01

Method Used	ANOVA	
<input checked="" type="checkbox"/> Flower head: number of bracts		
Mean	190.40	419.60
Std. Deviation	12.02	27.13
LSD/sig	23.95	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Bract: length (mm)		
Mean	16.89	17.38
Std. Deviation	0.69	0.56
LSD/sig	0.71	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Bract: width (mm)		
Mean	5.58	4.50
Std. Deviation	0.34	0.51
LSD/sig	0.49	P≤0.01
Method Used	ANOVA	
<input checked="" type="checkbox"/> Bract: ratio length/width		
Mean	3.04	3.90
Std. Deviation	0.21	0.36
LSD/sig	0.33	P≤0.01
Method Used	ANOVA	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2001	Granted	'Redbralem'
Canada	2001	Granted	'Redbralem'
Japan	2001	Granted	'Redbralem'
Poland	2001	Granted	'Redbralem'
EU	2000	Granted	'Redbralem'

First sold in USA in Sep 2000. First Australian sale nil.

Description: **Dr K.V. Bunker**, Floreta Pty Ltd, Redland Bay, Qld.

Everlasting Daisy (*Bracteantha bracteata*)

Variety: 'Redbragol'

Synonym: N/A

Application no: 2004/260

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Sep-2004

Accepted: 18-Nov-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

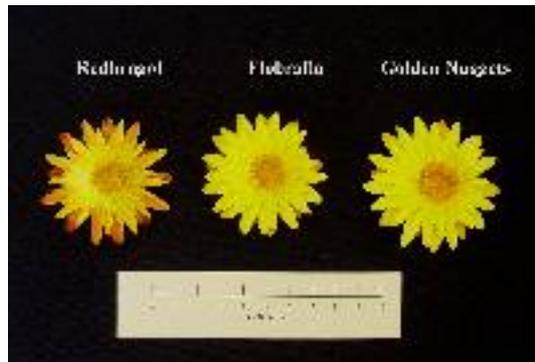
Title Holder: Redlands Nursery Pty Ltd

Agent: Aussie Winners Pty Ltd

Telephone: 0732067676

Fax: 0732068922

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



Details of Application

Application Number 2004/260
Variety Name 'Redbragol'
Genus Species *Bracteantha bracteata*
Common Name Everlasting Daisy
Synonym Nil
Accepted Date 18 Nov 2004
Applicant Redlands Nursery Pty Ltd
Agent Aussie Winners Pty Ltd
Qualified Person Dr K.V. Bunker

Details of Comparative Trial

Location Redland Bay, Queensland
Descriptor UPOV TG 205/1 Everlasting Daisy (Bracteantha)
Period Mar - Aug 2005
Conditions Cuttings were taken in Mar 2005 and potted on to 200mm pots in Apr 2005, with one plant per pot in pine bark medium with slow release fertiliser. Plants were grown in full sun under 10% hailcloth at Redland Bay, Queensland, with overhead irrigation. No growth regulators or pinching treatments were applied. Plants were assessed in Aug 2005.
Trial Design Ten plants of each variety arranged in a Completely Randomised Block.
Measurements One sample per plant.
RHS Chart - edition 1966

Origin and Breeding

Controlled pollination: 'Redbragol' is the result of controlled pollination of two selected *Bracteantha* breeding lines in a planned breeding program. Seeds were collected and germinated in 1998. The new variety was selected from the seedlings for its large, yellow flower and compact bush habit. The variety was vegetatively propagated through several generations to ensure uniformity. The variety is propagated by cuttings and tissue culture. Breeder: Redlands Nursery, Redland Bay, 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
Involucre	main colour	yellow
Plant	type	bushy
Plant	growth habit	upright
Plant	height of foliage	short
Flower head	number of bracts	few
Leaf	width	medium
Flower head	diameter	small to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Golden Nuggets'	
'Flobrafla'	

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

Organ/Plant Part: Context	'Redbragol'	'Flobrafla'	'Golden Nuggets'
<input type="checkbox"/> *Plant: type	bushy	bushy	bushy
<input type="checkbox"/> Plant: growth habit (bushy types only)	upright	upright	upright
<input type="checkbox"/> Plant: height including flowers	short	short	short
<input type="checkbox"/> Plant: height of foliage	short	short	short
<input type="checkbox"/> Stem: hairiness	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf: length	short	short	short
<input type="checkbox"/> Leaf: width	medium	medium	medium
<input type="checkbox"/> Leaf: position of broadest part	middle third	middle third	middle third
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate	acuminate
<input type="checkbox"/> *Leaf: variegation	absent	absent	absent
<input type="checkbox"/> Leaf: main colour of upper side	yellow green	yellow green	yellow green
<input type="checkbox"/> Leaf: hairiness of upper side	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf: hairiness of lower side	absent or weak	absent or weak	absent or weak
<input type="checkbox"/> Leaf: undulation of margin	absent or weak	absent or weak	absent or weak
<input checked="" type="checkbox"/> Flowering shoot: length	very short to short	very short	very short to short
<input type="checkbox"/> Flowering shoot: branching	strong	strong	strong
<input type="checkbox"/> Flower bud: profile of apex	pointed	pointed	pointed
<input checked="" type="checkbox"/> Flower bud: main colour (RHS colour chart)	Greyed orange group - RHS 173B	Greyed orange group - RHS 166B	Yellow group - RHS 14B
<input checked="" type="checkbox"/> Flower head: predominant position in relation to foliage	slightly below to slightly above	slightly below to slightly above	moderately above
<input type="checkbox"/> Flower head: diameter	small to medium	small to medium	small to medium
<input type="checkbox"/> Flower head: side view of lower part	flat	flat	flat
<input type="checkbox"/> Flower head: side view of upper part	convex	convex	convex
<input type="checkbox"/> Flower head: number of bracts	few	few	few
<input checked="" type="checkbox"/> *Involucre: number of colours	only one	more than one	only one
<input type="checkbox"/> *Involucre: main colour	yellow	yellow	yellow
<input type="checkbox"/> Bract: length	medium to long	medium to long	medium to long
<input type="checkbox"/> Bract: width	medium	medium	medium
<input type="checkbox"/> Bract: ratio length/width	three times as	three times as long as	three times as long

	long as broad	broad	as broad
<input type="checkbox"/> Bract: main colour of lower third of bract from inner third of involucre (RHS colour chart)	Yellow group - RHS 14B	Yellow group - 14B	Yellow group - RHS 14B
<input type="checkbox"/> Bract: main colour of middle third of bract from inner third of involucre (RHS colour chart)	Yellow group - RHS 14B	Yellow group - 14B	Yellow group - RHS 14B
<input type="checkbox"/> Bract: main colour of upper third of bract from inner third of involucre (RHS colour chart)	Yellow group - RHS 14B	Yellow group - 14A	Yellow group - RHS 14B
<input type="checkbox"/> Bract: main colour of lower third of bract from middle third of involucre (RHS colour chart)	Yellow group - RHS 14B	Yellow group - 14B	Yellow group - RHS 14B
<input checked="" type="checkbox"/> Bract: main colour of middle third of bract from middle third of involucre (RHS colour chart)	Yellow group - RHS 14B	Greyed orange group - RHS 169C	Yellow group - RHS 14B
<input checked="" type="checkbox"/> Bract: main colour of upper third of bract from middle third of involucre (RHS colour chart)	Yellow group - RHS 14B	Greyed orange group - RHS 169A	Yellow group - RHS 14B
<input type="checkbox"/> Bract: main colour of lower third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - RHS 163A	Greyed orange group - RHS 163B	Greyed orange group - RHS 163A
<input type="checkbox"/> Bract: main colour of middle third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - RHS 163B	Greyed orange group - RHS 163B	Greyed orange group - RHS 163B
<input type="checkbox"/> Bract: main colour of upper third of bract from outer third of involucre (RHS colour chart)	Greyed orange group - RHS 163B	Greyed orange group - RHS 165A	Greyed orange group - RHS 163B

Statistical Table

Organ/Plant Part: Context	‘Redbragol’	‘Flobrafla’	‘Golden Nuggets’
<input checked="" type="checkbox"/> Plant: height including flowers (cm)			
Mean	26.30	22.60	29.10
Std. Deviation	2.54	2.84	2.25
LSD/sig	2.92		
Means Separation	a	b	a
Method Used	Duncan's Multiple Range Test		
<input type="checkbox"/> Plant: height of foliage (cm)			
Mean	25.80	23.30	23.70
Std. Deviation	2.11	1.95	2.11
LSD/sig	2.46	ns	ns
Method Used	ANOVA		
<input type="checkbox"/> Leaf: length (mm)			
Mean	98.04	87.63	103.75

Std. Deviation	17.05	8.13	9.60
LSD/sig	13.46		
Means Separation	ab	b	a
Method Used	Duncan's Multiple Range Test		
<input type="checkbox"/> Leaf: width (mm)			
Mean	17.87	17.10	19.98
Std. Deviation	2.38	1.83	1.68
LSD/sig	2.16		
Means Separation	ab	b	a
Method Used	Duncan's Multiple Range Test		
<input type="checkbox"/> Leaf: ratio length/width			
Mean	5.49	5.15	5.21
Std. Deviation	0.64	0.48	0.48
LSD/sig	0.67	ns	ns
Method Used	ANOVA		
<input checked="" type="checkbox"/> Flowering shoot: length (mm)			
Mean	23.45	17.55	24.70
Std. Deviation	3.24	1.77	1.55
LSD/sig	2.71		
Means Separation	a	b	a
Method Used	Duncan's Multiple Range Test		
<input checked="" type="checkbox"/> Flower head: diameter (mm)			
Mean	48.36	53.89	46.73
Std. Deviation	1.91	2.99	4.37
LSD/sig	3.97		
Means Separation	b	a	b
Method Used	Duncan's Multiple Range Test		
<input checked="" type="checkbox"/> Flower head: number of bracts			
Mean	99.10	91.00	87.40
Std. Deviation	6.49	3.40	5.50
LSD/sig	4.86		
Means Separation	a	b	b
Method Used	Duncan's Multiple Range Test		
<input checked="" type="checkbox"/> Bract: length (mm)			
Mean	17.48	18.79	19.63
Std. Deviation	0.84	1.01	1.40
LSD/sig	1.32		
Means Separation	b	ab	a
Method Used	Duncan's Multiple Range Test		
<input type="checkbox"/> Bract: width (mm)			
Mean	6.18	5.58	6.20
Std. Deviation	0.59	0.50	0.49

LSD/sig	0.65	ns	ns
Method Used	ANOVA		
<input checked="" type="checkbox"/> Bract: ratio length/width			
Mean	2.85	3.39	3.17
Std. Deviation	0.25	0.27	0.20
LSD/sig	0.27		
Means Separation	b	a	a
Method Used	Duncan's Multiple Range Test		

Note: mean values which are assigned with the same mean separation letter code are not significantly different at $P \leq 0.01$ by Duncan's Multiple Range Test.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2001	Granted	'Redbragol'
Canada	2001	Granted	'Redbragol'
Japan	2001	Granted	'Redbragol'
Poland	2001	Granted	'Redbragol'
EU	2000	Granted	'Redbragol'
Slovakia	2003	Applied	'Redbragol'

First sold in USA in Sep 2000. First Australian sale nil.

Description: **Dr K.V. Bunker**, Floreta Pty Ltd, Redland Bay, Qld.

Plant Varieties Journal - Search Result Details

Everlasting Daisy (*Bracteantha bracteata*)

Variety: 'Redbrawhi'

Synonym: N/A

Application no: 2004/261

Current status: ACCEPTED

Certificate no: N/A

Received: 08-Sep-2004

Accepted: 18-Nov-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

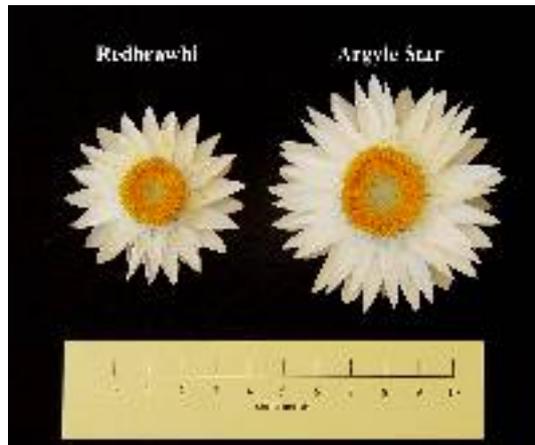
Title Holder: Redlands Nursery Pty Ltd

Agent: Aussie Winners Pty Ltd

Telephone: 0732067676

Fax: 0732068922

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



Details of Application

Application Number	2004/261
Variety Name	Redbrawhi
Genus Species	<i>Bracteantha bracteata</i>
Common Name	Everlasting Daisy
Synonym	Nil
Accepted Date	18-Nov-2004
Applicant	Redlands Nursery Pty Ltd
Agent	Aussie Winners Pty Ltd
Qualified Person	Dr K.V. Bunker

Details of Comparative Trial

Location	Redland Bay, Queensland
Descriptor	UPOV TG 205/1 Everlasting Daisy (Bracteantha)
Period	March - August 2005
Conditions	Cuttings were taken in March 2005 and potted on to 200mm pots in April 2005, with one plant per pot in pine bark medium with slow release fertiliser. Plants were grown in full sun under 10% hailcloth at Redland Bay, Queensland, with overhead irrigation. No growth regulators or pinching treatments were applied. Plants were assessed in August 2005.
Trial Design	Ten plants of each variety arranged in a Completely Randomised Block.
Measurements	One sample per plant.
RHS Chart - edition	1966

Origin and Breeding

Open pollination: 'Redbrawhi' was the result of open pollination of a number of selected *Bracteantha* varieties in a planned breeding program. Seeds were collected in early 1998. The new variety was selected from the seedlings for its compact bush habit, long flowering period and attractive flower. The variety was vegetatively propagated through several generations to ensure uniformity. The variety is propagated by cuttings and tissue culture. Breeder: Redlands Nursery, Redland Bay, 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
Involucre	main colour	white
Plant	type	bushy
Plant	growth habit	upright
Plant	height of foliage	short
Flower bud	main colour	yellow
Flower head	number of bracts	few

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Argyle Star	

Variety Description and Distinctness - Nominate Distinguishing Characteristics (tick) which

distinguish the candidate from one or more of the comparators

Organ/Plant Part: Context	'Redbrawhi'	'Argyle Star'
<input type="checkbox"/> *Plant: type	bushy	bushy
<input type="checkbox"/> Plant: growth habit (bushy types only)	upright	upright
<input type="checkbox"/> Plant: height including flowers	short	short
<input type="checkbox"/> Plant: height of foliage	short	short
<input type="checkbox"/> Stem: hairiness	absent or weak	absent or weak
<input type="checkbox"/> Leaf: length	short	short
<input type="checkbox"/> Leaf: width	medium	medium
<input type="checkbox"/> Leaf: position of broadest part	middle third	middle third
<input type="checkbox"/> Leaf: shape of apex	acuminate	acuminate
<input type="checkbox"/> *Leaf: variegation	absent	absent
<input type="checkbox"/> Leaf: main colour of upper side	yellow green	yellow green
<input type="checkbox"/> Leaf: hairiness of upper side	absent or weak	absent or weak
<input type="checkbox"/> Leaf: hairiness of lower side	absent or weak	absent or weak
<input type="checkbox"/> Leaf: undulation of margin	absent or weak	absent or weak
<input type="checkbox"/> Flowering shoot: length	very short to short	very short to short
<input type="checkbox"/> Flowering shoot: branching	strong	strong
<input type="checkbox"/> Flower bud: profile of apex	pointed	pointed
<input type="checkbox"/> Flower bud: main colour (RHS colour chart)	Yellow group - RHS 11D	Yellow group - RHS 11D
<input checked="" type="checkbox"/> Flower head: predominant position in relation to foliage	slightly below to slightly above	moderately above
<input type="checkbox"/> Flower head: side view of lower part	flat	flat
<input type="checkbox"/> Flower head: side view of upper part	convex	convex
<input type="checkbox"/> Flower head: number of bracts	few	few
<input type="checkbox"/> *Involucre: number of colours	only one	only one
<input type="checkbox"/> *Involucre: main colour	white	white
<input checked="" type="checkbox"/> Bract: length	medium	long
<input type="checkbox"/> Bract: ratio length/width	three times as long as broad	three times as long as broad
<input type="checkbox"/> Bract: main colour of lower third of bract from inner third of involucre (RHS colour chart)	White group - RHS 155A	White group - RHS 155A
<input type="checkbox"/> Bract: main colour of middle third of bract from inner third of involucre (RHS colour chart)	White group - RHS 155A	White group - RHS 155A
<input type="checkbox"/> Bract: main colour of upper third of bract from inner third of involucre (RHS colour chart)	White group - RHS 155A	White group - RHS 155A
<input type="checkbox"/> Bract: main colour of lower third of bract from middle third of involucre (RHS colour chart)	White group - RHS 155A	White group - RHS 155A
<input type="checkbox"/> Bract: main colour of middle third of bract from middle third of involucre (RHS colour chart)	White group - RHS 155A	White group - RHS 155A

<input type="checkbox"/> Bract: main colour of upper third of bract from middle third of involucre (RHS colour chart)	White group - RHS 155A	White group - RHS 155A
<input type="checkbox"/> Bract: main colour of lower third of bract from outer third of involucre (RHS colour chart)	Orange white group - RHS 159C	Orange white group - RHS 159C
<input type="checkbox"/> Bract: main colour of middle third of bract from outer third of involucre (RHS colour chart)	Orange white group - RHS 159C	Orange white group - RHS 159C
<input type="checkbox"/> Bract: main colour of upper third of bract from outer third of involucre (RHS colour chart)	Orange white group - RHS 159C	Orange white group - RHS 159C

Statistical Table

Organ/Plant Part: Context	‘Redbrawhi’	‘Argyle Star’
<input checked="" type="checkbox"/> Bract: Length (mm)		
Mean	16.70	22.28
Std. Deviation	0.67	1.28
LSD/sig	1.16	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Plant: Height including flowers (cm)		
Mean	31.50	32.70
Std. Deviation	2.22	3.16
Lsd/sig	3.12	ns
Method Used	ANOVA	
<input type="checkbox"/> Plant: Height of foliage (cm)		
Mean	32.80	30.90
Std. Deviation	2.98	2.92
LSD/sig	3.37	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Leaf: Length (mm)		
Mean	86.43	99.25
Std. Deviation	9.60	7.99
LSD/sig	10.08	P≤0.01
Method Used	ANOVA	
<input checked="" type="checkbox"/> Leaf: Ratio length/width		
Mean	4.25	5.01
Std. Deviation	0.32	0.67
LSD/sig	0.60	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Flowering shoot: Length (mm)		
Mean	27.00	24.15
Std. Deviation	3.41	4.71
LSD/sig	4.69	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Flower head: Diameter (mm)		
Mean	54.54	67.45
Std. Deviation	2.83	2.70
LSD/sig	3.15	P≤0.01
Method Used	ANOVA	

<input checked="" type="checkbox"/> Bract: Width (mm)		
Mean	5.79	7.19
Std. Deviation	0.37	0.66
LSD/sig	0.61	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Leaf: Width (mm)		
Mean	20.43	20.11
Std. Deviation	2.67	2.96
LSD/sig	3.22	ns
Method Used	ANOVA	
<input checked="" type="checkbox"/> Flower head: Number of bracts		
Mean	138.40	121.90
Std. Deviation	7.55	12.10
LSD/sig	11.51	P≤0.01
Method Used	ANOVA	
<input type="checkbox"/> Bract: Ratio length/width		
Mean	2.89	3.11
Std. Deviation	0.20	0.20
LSD/sig	0.23	ns
Method Used	ANOVA	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2001	Granted	'Redbrawhi'
Canada	2001	Granted	'Redbrawhi'
Japan	2001	Applied	'Redbrawhi'
Poland	2001	Granted	'Redbrawhi'
EU	2000	Granted	'Redbrawhi'
Slovakia	2003	Applied	'Redbrawhi'

First sold in USA in Oct 2000. First Australian sale nil.

Description: **Dr K.V. Bunker**, Floreta Pty Ltd, Redland Bay, Qld.

Plant Varieties Journal - Search Result Details

Azalea (*Rhododendron hybrid*)

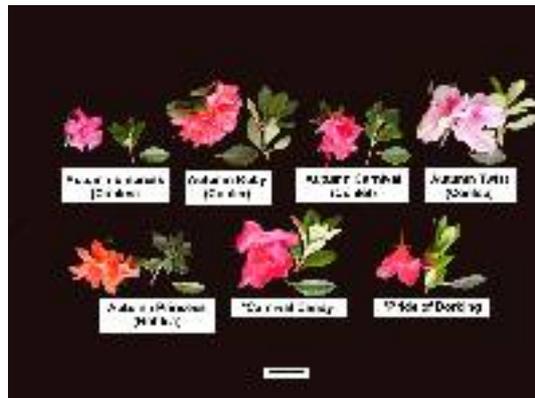
Variety: 'Roblea'
Synonym: Autumn Princess

Application no: 2004/095
Current status: ACCEPTED
Certificate no: N/A
Received: 16-Mar-2004
Accepted: 24-Nov-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Robert E. Lee and Plant Development Services Inc.
Agent: Edward Bunker
Telephone: 0732067676
Fax: 0732068922

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



Details of Application

Application Number	2004/095
Variety Name	'Roblea'
Genus Species	<i>Rhododendron</i> hybrid
Common Name	Azalea
Synonym	Autumn Princess
Accepted Date	24 Nov 2004
Applicant	Robert E. Lee, Independence, Louisiana, USA and Plant Development Services Inc., Loxley, Alabama, USA.
Agent	Edward Bunker, Redland Bay, QLD.
Qualified Person	Deo Singh

Details of Comparative Trial

Location	Redlands Nursery, Redland Bay, QLD.
Descriptor	TG/42/6
Period	2004/2005
Conditions	Trial conducted in full sun.
Trial Design	15 pots of each variety arranged in a completely randomized design.
Measurements	Colour coding was done from the newly opened flowers. Fully expanded new leaves have been referred as immature leaves and basal leaves have been referred as mature leaves.
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: Seed parent *Rhododendron* hybrid 'May Blaine' x pollen parent *Rhododendron oldhamii* 'Fourth of July', in Louisiana, USA, in 1982. 'May Blaine' flowers mainly in Autumn, compared to 'Conlet' that flowers Summer/Autumn - early flowering. Similarly, *R. oldhamii* also differs from 'Roblea' in flowering time. Selection criteria: on the basis of early or multi-season flowering, heat and cold tolerance and overall appearance, 'Roblea' was chosen. Propagation: it has been multiplied asexually through several generations without any off-types. Breeder: Robert E. Lee, Independence, Louisiana, USA.

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

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

Flower	colour	red/red purple
Flower	shape	open-funnel

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
	reasonably early flowering with somewhat similar flower colour group.
'Carnival Candy'	
'Conler'	both are Autumn flowerers.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Fourth of July'	flower colour	RHS 52C-D	RHS 39A
'May Blaine'	flowering time	summer/autumn	autumn
'May Blaine'	Flower colour	RHS 52C-D	RHS 73C
'Carnival Cracker'	flowering time	summer/autumn	winter/spring
'Orange Delight'	flowering time	summer/autumn	spring
'Conler'	flower colour	RHS 52C-D	RHS68A-B

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

Organ/Plant Part: Context	'Roblea'	'Carnival Candy'
<input type="checkbox"/> *Plant: persistence of leaves	evergreen	evergreen
<input checked="" type="checkbox"/> *Plant: growth habit	medium bushy	narrow brushy to medium brushy
<input checked="" type="checkbox"/> *Terminal inflorescence bud: shape	broad elliptic	elliptic
<input type="checkbox"/> *Young leaf: anthocyanin colouration of upper side	medium	absent or very weak
<input type="checkbox"/> *Mature leaf: colour of upper side	yellow green	yellow green
<input type="checkbox"/> *Mature leaf: colour of lower side	light green	light green
<input type="checkbox"/> *Mature leaf: length including petiole	short	medium to long
<input type="checkbox"/> *Mature leaf: width	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	elliptic	elliptic
<input type="checkbox"/> *Mature leaf: shape of cross section of blade	straight to convex	concave to straight
<input type="checkbox"/> Mature leaf: glossiness of upper side	weak	absent or very weak
<input type="checkbox"/> Inflorescence: number of flowers	few	medium
<input type="checkbox"/> Pedicel: length	short	medium
<input type="checkbox"/> Pedicel: colour on sunny side	red	red
<input type="checkbox"/> *Calyx: presence	present	present
<input checked="" type="checkbox"/> Calyx lobes: length of longest	short	long
<input type="checkbox"/> *Flower: shape	open funnel-shaped	open funnel-shaped
<input checked="" type="checkbox"/> *Flower: diameter	medium	broad
<input checked="" type="checkbox"/> Flower: fragrance	weak	medium
<input checked="" type="checkbox"/> *Flower: type	double	single
<input checked="" type="checkbox"/> Flower: number of petals (varieties with double corolla only)	few	
<input type="checkbox"/> *Corolla lobes: undulation of margin	absent or very weak	weak
<input checked="" type="checkbox"/> *Corolla lobe: colour of margin of upper side (RHS colour chart)	52C	66A

<input checked="" type="checkbox"/> *Corolla lobe: colour of middle of upper side (RHS colour chart)	52C	66A
<input checked="" type="checkbox"/> *Corolla lobe: colour of middle of lower side (RHS colour chart)	52D	66BC
<input checked="" type="checkbox"/> *Corolla lobe: conspicuousness of markings of the throat	strong	strong
<input type="checkbox"/> Corolla lobe: type of markings	spots not touching each other	spots not touching each other
<input type="checkbox"/> Corolla lobe: colour of markings (RHS colour chart)	64B	64A
<input type="checkbox"/> Anthers: colour	purple	purple
<input type="checkbox"/> Pistil: length in comparison with stamens	longer	longer
<input type="checkbox"/> Pistil: colour of stigma	red	red
<input checked="" type="checkbox"/> *Time of: beginning of flowering	very early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Roblea'	*'Carnival Candy'
<input checked="" type="checkbox"/> Flower: type	double	single
<input type="checkbox"/> Mature leaf: colour of upper side	RHS 147A	RHS 147A
<input type="checkbox"/> Mature leaf: colour of lower side	RHS 147C	RHS 147B
<input type="checkbox"/> Stamen: anther	present	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2000	Granted	'Robela'

First sold in the USA in Mar 2000.

Description: **Deo Singh**, Ormatec Pty Ltd, Birkdale, QLD.

Plant Varieties Journal - Search Result Details

Azalea (*Rhododendron hybrid*)

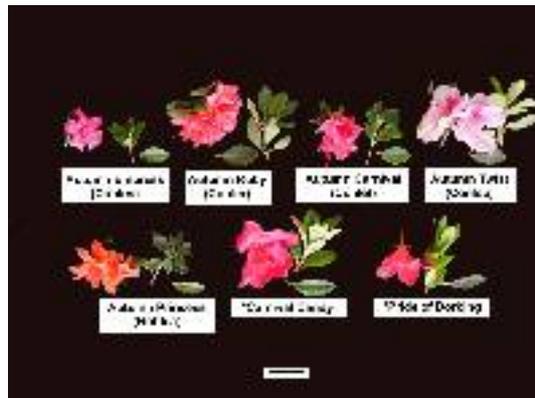
Variety: 'Conlet'
Synonym: Autumn Carnivale

Application no: 2004/092
Current status: ACCEPTED
Certificate no: N/A
Received: 16-Mar-2004
Accepted: 24-Nov-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Robert E. Lee and Plant Development Services Inc.
Agent: Edward Bunker
Telephone: 0732067676
Fax: 0732068922

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



Details of Application

Application Number	2004/092
Variety Name	'Conlet'
Genus Species	<i>Rhododendron</i> hybrid
Common Name	Azalea
Synonym	Autumn Carnivale
Accepted Date	24 Nov 2004
Applicant	Robert E. Lee, Independence, Louisiana, USA and Plant Development Services Inc., Loxley, Alabama, USA.
Agent	Edward Bunker, Redland Bay, QLD.
Qualified Person	Deo Singh

Details of Comparative Trial

Location	Redlands Nursery, Redland Bay, QLD.
Descriptor	TG/42/6
Period	2004/2005
Conditions	Trial conducted in full sun.
Trial Design	15 pots of each variety arranged in a completely randomized design.
Measurements	Colour coding was done from the newly opened flowers. Fully expanded new leaves have been referred as immature leaves and basal leaves have been referred as mature leaves.
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: seed parent *Rhododendron* hybrid 'Watchet' x pollen parent *Rhododendron oldhamii* 'Fourth of July', in Louisiana, USA, in 1982. 'Watchet' flowers only from Spring to Autumn, compared to 'Conlet' that flowers Summer/Autumn - early flowering. Similarly, *R. oldhamii* also differs from 'Conlet' in flowering time. Selection criteria: on the basis of early or multi-season flowering, heat and cold tolerance and overall appearance, 'Conlet' was chosen. Propagation: it has been multiplied asexually through several generations without any off-types. Breeder: Robert E. Lee, Independence, Louisiana, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	pink
Flowering	time	early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Conles'	few flowers compared to many in case of 'Conlet'. Has lighter colour flowers Red Purple RHS 68B.
'Conler'	medium flowering variety with same flower colour but different flower type - double, compared to 'Conlet' which is single.
'Pride of Dorking'	flowers with very long pedicels, compared to short pedicels for 'Conlet'. Although, flower colour is red purple, it does not flower in Autumn like 'conlet'.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Watchet'	floweringtime	Summer/Autumn	Spring/Autumn
'Carnival Clown'	floweringtime	Summer/Autumn	Winter/Spring
'Fourth of July'	flower colour	RHS 68A-B	RHS 39A

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

Organ/Plant Part: Context	'Conlet'	'Conles'	'Pride of Dorking'
<input type="checkbox"/> *Plant: persistence of leaves	evergreen	evergreen	evergreen
<input checked="" type="checkbox"/> *Plant: growth habit	medium bushy	narrow brushy to medium brushy	medium brushy to broad brushy
<input type="checkbox"/> *Terminal inflorescence bud: shape	elliptic	elliptic	elliptic
<input type="checkbox"/> *Young leaf: anthocyanin colouration of upper side	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Mature leaf: colour of upper side	yellow green	yellow green	yellow green
<input type="checkbox"/> *Mature leaf: colour of lower side	light green	light green	light green
<input type="checkbox"/> *Mature leaf: length including petiole	medium	medium	medium
<input type="checkbox"/> *Mature leaf: width	narrow to medium	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	elliptic	elliptic	elliptic
<input type="checkbox"/> *Mature leaf: shape of cross section of blade	concave	concave to straight	concave to straight
<input type="checkbox"/> Mature leaf: glossiness of upper side	absent or very weak	weak	absent or very weak
<input type="checkbox"/> Inflorescence: number of flowers	many	few	medium
<input type="checkbox"/> Pedicel: length	short	medium	very long
<input type="checkbox"/> Pedicel: colour on sunny side	red	red	red green
<input type="checkbox"/> *Calyx: presence	present	present	present
<input checked="" type="checkbox"/> Calyx lobes: length of longest	medium	short	long

<input checked="" type="checkbox"/>	*Flower: shape	funnel-shaped	open funnel-shaped	open funnel-shaped
<input type="checkbox"/>	*Flower: diameter	medium	medium	medium
<input type="checkbox"/>	Flower: fragrance	absent or very weak to weak	absent or very weak	absent or very weak
<input type="checkbox"/>	*Flower: type	single	single	single
<input type="checkbox"/>	*Corolla lobes: undulation of margin	medium	absent or very weak	weak
<input checked="" type="checkbox"/>	*Corolla lobe: colour of margin of upper side (RHS colour chart)	68A	68B	63B
<input checked="" type="checkbox"/>	*Corolla lobe: colour of middle of upper side (RHS colour chart)	68A	68B	63B
<input checked="" type="checkbox"/>	*Corolla lobe: colour of middle of lower side (RHS colour chart)	68B	68B	63B
<input type="checkbox"/>	*Corolla lobe: conspicuousness of markings of the throat	strong	strong	medium
<input type="checkbox"/>	Corolla lobe: type of markings	spots not touching each other	spots not touching each other	spots not touching each other
<input type="checkbox"/>	Corolla lobe: colour of markings (RHS colour chart)	63A	63A	64B
<input type="checkbox"/>	Anthers: colour	purple		purple
<input type="checkbox"/>	Pistil: length in comparison with stamens	longer		longer
<input type="checkbox"/>	Pistil: colour of stigma	red	red	red
<input checked="" type="checkbox"/>	*Time of: beginning of flowering	very early	very early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Conlet'	'Conles'	'Pride of Dorking'
<input type="checkbox"/> Mature leaf: colour of lower side	RHS 147C	RHS 147A	RHS 147B
<input type="checkbox"/> Flower: type	single	single	single
<input type="checkbox"/> Mature leaf: colour of upper side	RHS 147AB	RHS 146A	RHS 147A
<input checked="" type="checkbox"/> Stamen: anther	present	absent	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2000	Granted	'Conlet'

First sold in the USA in Mar 2000.

Description: **Deo Singh**, Ormatec Pty Ltd, Birkdale, QLD.

Plant Varieties Journal - Search Result Details

Azalea (*Rhododendron hybrid*)

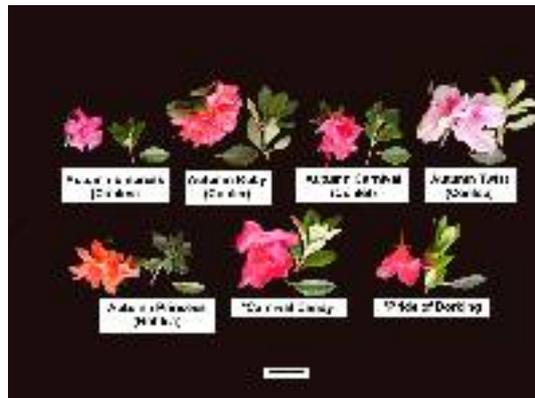
Variety: 'Conlep'
Synonym: Autumn Twist

Application no: 2004/096
Current status: ACCEPTED
Certificate no: N/A
Received: 16-Mar-2004
Accepted: 24-Nov-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Robert E. Lee and Plant Development Services Inc.
Agent: Edward Bunker
Telephone: 0732067676
Fax: 0732068922

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



Details of Application

Application Number	2004/096
Variety Name	'Conlep'
Genus Species	<i>Rhododendron</i> hybrid
Common Name	Azalea
Synonym	Autumn Twist
Accepted Date	24 Nov 2004
Applicant	Robert E. Lee, Independence, Louisiana, USA and Plant Development Services Inc., Loxley, Alabama, USA.
Agent	Edward Bunker, Redland Bay, QLD.
Qualified Person	Deo Singh

Details of Comparative Trial

Location	Redlands Nursery, Redland Bay, QLD.
Descriptor	TG/42/6
Period	2004/2005
Conditions	Trial conducted in full sun.
Trial Design	15 pots of each variety arranged in a completely randomized design.
Measurements	Colour coding was done from the newly opened flowers. Fully expanded new leaves have been referred as immature leaves and basal leaves have been referred as mature leaves.
RHS Chart - edition	1995

Origin and Breeding

Spontaneous mutation or sport: in 1982, a multi-coloured bloom appeared on uni-coloured magenta flowers of 'Conlec' in Louisiana, USA, in a breeding program. The parent had only uni-coloured flowers compared to multi-coloured flowers of 'Conlep'. Selection criteria: on the basis of early or multi-season flowering, heat and cold tolerance and overall appearance, 'Conlep' was chosen. Propagation: it has been multiplied asexually through several generations without any off-types. Breeder: Robert E. Lee, Independence, Louisiana, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	flower colour	red purple
Flowering	time	summer/autumn

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Carnival Candy'	Similar flowering time but different flower colour

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Conlec'	Flower number of colours	multicoloured	uni-coloured
'Exquisite'	Flower flowering time	summer/autumn	spring
'Alphonse Anderson'	Flower flowering time	summer/autumn	spring

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

Organ/Plant Part: Context	'Conlep'	'Carnival Candy'
<input type="checkbox"/> *Plant: persistence of leaves	evergreen	evergreen
<input checked="" type="checkbox"/> *Plant: growth habit	medium bushy	narrow brushy to medium brushy
<input checked="" type="checkbox"/> *Terminal inflorescence bud: shape	elliptic to broad elliptic	elliptic
<input type="checkbox"/> *Young leaf: anthocyanin colouration of upper side	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> *Mature leaf: colour of upper side	dark green	light green
<input checked="" type="checkbox"/> *Mature leaf: colour of lower side	dark green	light green
<input type="checkbox"/> *Mature leaf: length including petiole	medium	medium to long
<input type="checkbox"/> *Mature leaf: width	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	elliptic	elliptic
<input type="checkbox"/> *Mature leaf: shape of cross section of blade	concave to straight	concave to straight
<input type="checkbox"/> Mature leaf: glossiness of upper side	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Inflorescence: number of flowers	few	medium
<input type="checkbox"/> Pedicel: length	medium	medium
<input checked="" type="checkbox"/> Pedicel: colour on sunny side	light green	red
<input type="checkbox"/> *Calyx: presence	present	present
<input type="checkbox"/> Calyx lobes: length of longest	medium to long	long
<input type="checkbox"/> *Flower: shape	open funnel-shaped	open funnel-shaped
<input checked="" type="checkbox"/> *Flower: diameter	medium	broad
<input type="checkbox"/> Flower: fragrance	weak to medium	medium
<input type="checkbox"/> *Flower: type	single	single
<input type="checkbox"/> *Corolla lobes: undulation of margin	weak	weak

<input checked="" type="checkbox"/>	*Corolla lobe: colour of margin of upper side (RHS colour chart)	74B, 75B & 155A	66A
<input checked="" type="checkbox"/>	*Corolla lobe: colour of middle of upper side (RHS colour chart)	74B, 75B & 155A	66A
<input checked="" type="checkbox"/>	*Corolla lobe: colour of middle of lower side (RHS colour chart)	74B, 75C & 155A	66BC
<input type="checkbox"/>	*Corolla lobe: conspicuousness of markings of the throat	strong	strong
<input type="checkbox"/>	Corolla lobe: type of markings	spots not touching each other	spots not touching each other
<input checked="" type="checkbox"/>	Corolla lobe: colour of markings (RHS colour chart)	67A	64A
<input checked="" type="checkbox"/>	Anthers: colour	brown	purple
<input type="checkbox"/>	Pistil: length in comparison with stamens	longer	longer
<input checked="" type="checkbox"/>	Pistil: colour of stigma	yellow	red
<input type="checkbox"/>	*Time of: beginning of flowering	very early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Conlep'	'Carnival Candy'
<input type="checkbox"/> Stamen: anther	present	present
<input type="checkbox"/> Flower: type	single	single
<input type="checkbox"/> Mature leaf: colour of upper side	RHS 139A	RHS 147A
<input type="checkbox"/> Mature leaf: colour of lower side	RHS 139C	RHS 147B

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2000	Granted	'Conlep'

First sold in the USA in Mar 2000.

Description: **Deo Singh**, Ormatec Pty Ltd, Birkdale, QLD.

Plant Varieties Journal - Search Result Details

Azalea (*Rhododendron hybrid*)

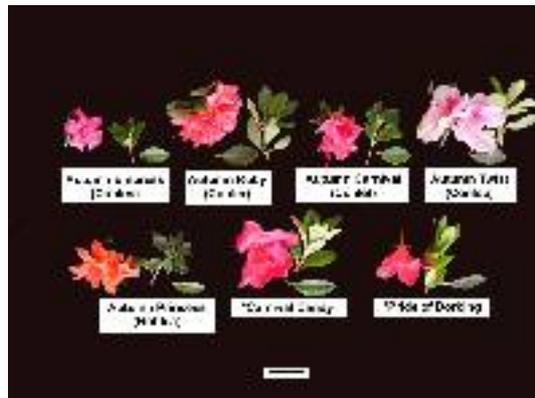
Variety: 'Conler'
Synonym: Autumn Ruby

Application no: 2004/094
Current status: ACCEPTED
Certificate no: N/A
Received: 16-Mar-2004
Accepted: 24-Nov-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Robert E. Lee and Plant Development Services Inc.
Agent: Edward Bunker
Telephone: 0732067676
Fax: 0732068922

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



Details of Application

Application Number	2004/094
Variety Name	'Conler'
Genus Species	<i>Rhododendron</i> hybrid
Common Name	Azalea
Synonym	Autumn Ruby
Accepted Date	24 Nov 2004
Applicant	Robert E. Lee, Independence, Louisiana, USA and Plant Development Services Inc., Loxley, Alabama, USA.
Agent	Edward Bunker, Redland Bay, QLD.
Qualified Person	Deo Singh

Details of Comparative Trial

Location	Redlands Nursery, Redland Bay, QLD.
Descriptor	TG/42/6
Period	2004/2005
Conditions	Trial conducted in full sun.
Trial Design	15 pots of each variety arranged in a completely randomized design.
Measurements	Colour coding was done from the newly opened flowers. Fully expanded new leaves have been referred as immature leaves and basal leaves have been referred as mature leaves.
RHS Chart - edition	1995

Origin and Breeding

Controlled Pollination: seed parent *Rhododendron* hybrid 'Pink Cheer' x pollen parent *Rhododendron oldhamii* 'Fourth of July', in Louisiana, USA, in 1982. 'Pink Cheer' flowers only from winter to spring, compared to 'Conler' that flowers summer/autumn - early flowering. Similarly, *R. oldhammii* also differs from 'Conler' in flowering time. Selection criteria: on the basis of early or multi-season flowering, heat and cold tolerance, flower type double and overall appearance, 'Conler' was chosen. Propagation: it has been multiplied asexually through several generations without any off-types. Breeder: Robert E. Lee, Independence, Louisiana, USA.

Choice of Comparators Characteristic 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
Flower	flowering time	autumn

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Conlet'	same flower colour and autumn flowering but flower type single, compared to flower type double of 'Conler'
'Pride of Dorking'	although, has red purple flower colour, but flowers only winter-spring compared to summer-autumn flowering of 'Conler'
'Conles'	lighter red purple than 'Conler', flower type single, flowers without stamens.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing State of Expression Characteristic in Candidate Variety	State of Expression in Comparator Variety
'Fourth of July'	flower colour RHS 68A	RHS 39A
'Carnival Candy'	flowering time summer/autumn	winter/spring
'Carnival Parade'	flowering time summer/autumn	winter/spring

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

Organ/Plant Part: Context	'Conler'	'Conlet'	'Conles'	'Pride of Dorking'
<input type="checkbox"/> *Plant: persistence of leaves	evergreen	evergreen	evergreen	evergreen
<input type="checkbox"/> *Plant: growth habit	medium bushy	medium bushy	narrow brushy to medium brushy	medium brushy to broad brushy
<input checked="" type="checkbox"/> *Terminal inflorescence bud: shape	broad elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/> *Young leaf: anthocyanin colouration of upper side	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Mature leaf: colour of upper side	yellow green	yellow green	yellow green	yellow green
<input type="checkbox"/> *Mature leaf: colour of lower side	light green	light green	light green	light green
<input checked="" type="checkbox"/> *Mature leaf: length including petiole	medium to long	medium	medium	medium
<input type="checkbox"/> *Mature leaf: width	medium	narrow to medium	medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	elliptic	elliptic	elliptic	elliptic
<input type="checkbox"/> *Mature leaf: shape of cross section of blade	concave to straight	concave	concave to straight	concave to straight
<input type="checkbox"/> Mature leaf: glossiness of upper side	absent or very weak	absent or very weak	weak	absent or very weak
<input type="checkbox"/> Inflorescence: number of flowers	medium	many	few	medium
<input checked="" type="checkbox"/> Pedicel: length	medium	short	medium	very long
<input type="checkbox"/> Pedicel: colour on sunny side	red	red	red	red green
<input type="checkbox"/> *Calyx: presence	present	present	present	present
<input checked="" type="checkbox"/> Calyx lobes: length of longest	medium	medium	short	long
<input checked="" type="checkbox"/> *Flower: shape	open funnel-shaped	funnel-shaped	open funnel-shaped	open funnel-shaped
<input type="checkbox"/> *Flower: diameter	medium	medium	medium	medium

<input type="checkbox"/>	Flower: fragrance	absent or very weak			
<input checked="" type="checkbox"/>	*Flower: type	double	single	single	single
<input checked="" type="checkbox"/>	Flower: number of petals (varieties with double corolla only)	few		absent or very weak	
<input type="checkbox"/>	*Corolla lobes: undulation of margin	weak	medium	68B	weak
<input type="checkbox"/>	*Corolla lobe: colour of margin of upper side (RHS colour chart)	68A	68A	68B	63B
<input type="checkbox"/>	*Corolla lobe: colour of middle of upper side (RHS colour chart)	68A	68A	68B	63B
<input type="checkbox"/>	*Corolla lobe: colour of middle of lower side (RHS colour chart)	68B	68B		63B
<input type="checkbox"/>	*Corolla lobe: conspicuousness of markings of the throat	medium	strong	strong	medium
<input type="checkbox"/>	Corolla lobe: type of markings	spots not touching each other			
<input type="checkbox"/>	Corolla lobe: colour of markings (RHS colour chart)	63A	63A	63A	64A
<input type="checkbox"/>	Anthers: colour	red	purple		purple
<input type="checkbox"/>	Pistil: length in comparison with stamens	longer	longer		longer
<input type="checkbox"/>	Pistil: colour of stigma	red	red	red	red
<input type="checkbox"/>	*Time of: beginning of flowering	very early	very early	very early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Conler’	‘Conlet’	‘Conles’	‘Pride of Dorking’
<input type="checkbox"/> Mature leaf: colour of lower side	RHS 147B	RHS 147C	RHS 147A	RHS 147B
<input type="checkbox"/> Stamen: anther	present	present	absent	present
<input checked="" type="checkbox"/> Flower: type	double	single	single	single
<input type="checkbox"/> Mature leaf: colour of upper side	RHS 147A	RHS 147AB	RHS 146A	RHS 147A

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2000	Granted	‘Conler’

First sold in the USA in Mar 2000.

Description: **Deo Singh**, Ornatec Pty Ltd, Birkdale, QLD.

Plant Varieties Journal - Search Result Details

Azalea (*Rhododendron hybrid*)

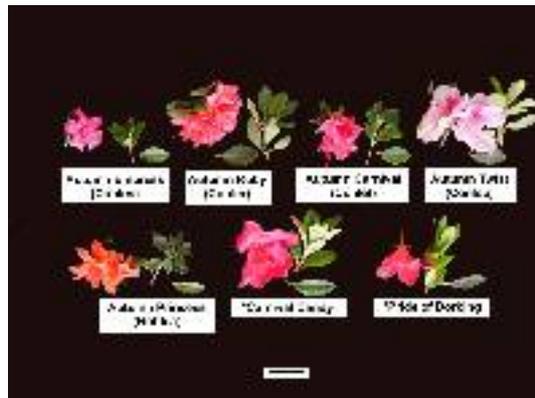
Variety: 'Conles'
Synonym: Autumn Empress

Application no: 2004/093
Current status: ACCEPTED
Certificate no: N/A
Received: 16-Mar-2004
Accepted: 24-Nov-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Robert E. Lee and Plant Development Services Inc.
Agent: Edward Bunker
Telephone: 0732067676
Fax: 0732068922

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



Details of Application

Application Number 2004/093
Variety Name 'Conles'
Genus Species *Rhododendron* hybrid
Common Name Azalea
Synonym Autumn Empress
Accepted Date 24 Nov 2004
Applicant Robert E. Lee, Independence, Louisiana, USA and Plant Development Services Inc., Loxley, Alabama, USA.
Agent Edward Bunker, Redland Bay, QLD
Qualified Person Deo Singh

Details of Comparative Trial

Location Redlands Nursery, Redland Bay, QLD.
Descriptor TG/42/6
Period 2004/2005
Conditions Trial conducted in full sun.
Trial Design 15 pots of each variety arranged in a completely randomized design.
Measurements Colour coding was done from the newly opened flowers. Fully expanded new leaves have been referred to as immature leaves and basal leaves have been referred to as mature leaves.

RHS Chart - edition

Origin and Breeding

Controlled pollination: seed parent *Rhododendron* hybrid 'Macrantha Pink' × pollen parent *Rhododendron oldhamii* 'Fourth of July', in Louisiana, USA, in 1982. 'Fourth of July' flowers from Spring to Autumn, compared to 'Conlet' which flowers Summer/Autumn. Similarly, 'Macrantha' flowers only in Spring. Selection criteria: on the basis of early or multi-season flowering, heat and cold tolerance and overall appearance, 'Conles' was chosen. Propagation: it has been multiplied asexually through several generations without any off-types. Breeder: Robert E. Lee, Independence, Louisiana, 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
Flowering	time	autumn
Flower	colour	rep purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Conlet'	darker coloured flowers with stamens compared to 'Conles' which has lighter coloured flowers with no stamens.
'Pride of Dorking'	flower colour is red purple group in both cases but flowering time is so different.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Macrantha Pink'	flowering time	summer/autumn	spring
'Fourth of July'	flower colour	RHS 68B	RHS 39A
'Carnival Time'	flowering time	summer/autumn	winter/spring
'Magnifica'	flowering time	summer/autumn	spring

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

Organ/Plant Part: Context	'Conles'	'Conlet'	'Pride of Dorking'
<input type="checkbox"/> *Plant: persistence of leaves	evergreen	evergreen	evergreen
<input type="checkbox"/> *Plant: growth habit	narrow brushy to medium brushy	medium bushy	medium brushy to broad brushy
<input type="checkbox"/> *Terminal inflorescence bud: shape	elliptic	elliptic	elliptic
<input type="checkbox"/> *Young leaf: anthocyanin colouration of upper side	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Mature leaf: colour of upper side	yellow green	yellow green	yellow green
<input type="checkbox"/> *Mature leaf: colour of lower side	light green	light green	light green
<input type="checkbox"/> *Mature leaf: length including petiole	medium	medium	medium
<input type="checkbox"/> *Mature leaf: width	medium	narrow to medium	medium
<input type="checkbox"/> *Mature leaf: shape of blade	elliptic	elliptic	elliptic
<input type="checkbox"/> *Mature leaf: shape of cross section of blade	concave to straight	concave	concave to straight
<input type="checkbox"/> Mature leaf: glossiness of upper side	weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Inflorescence: number of flowers	few	many	medium
<input type="checkbox"/> Pedicel: length	medium	short	very long
<input checked="" type="checkbox"/> Pedicel: colour on sunny side	red	red	red green
<input type="checkbox"/> *Calyx: presence	present	present	present
<input checked="" type="checkbox"/> Calyx lobes: length of longest	short	medium	long
<input checked="" type="checkbox"/> *Flower: shape	open funnel-shaped	funnel-shaped	open funnel-shaped
<input type="checkbox"/> *Flower: diameter	medium	medium	medium
<input type="checkbox"/> Flower: fragrance	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: type	single	single	single
<input type="checkbox"/> *Corolla lobes: undulation of margin	absent or very weak	medium	weak

<input checked="" type="checkbox"/> *Corolla lobe: colour of margin of upper side (RHS colour chart)	68B	68A	63B
<input checked="" type="checkbox"/> *Corolla lobe: colour of middle of upper side (RHS colour chart)	68B	68A	63B
<input checked="" type="checkbox"/> *Corolla lobe: colour of middle of lower side (RHS colour chart)	68B	68B	63B
<input type="checkbox"/> *Corolla lobe: conspicuousness of markings of the throat	strong	strong	medium
<input type="checkbox"/> Corolla lobe: type of markings	spots not touching each other	spots not touching each other	spots not touching each other
<input type="checkbox"/> Corolla lobe: colour of markings (RHS colour chart)	63A	63A	64A
<input type="checkbox"/> Pistil: colour of stigma	red	purple	purple
<input type="checkbox"/> *Time of: beginning of flowering	very early	very early	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Conles’	‘Conlet’	‘Pride of Dorking’
<input type="checkbox"/> Flower: type	single	single	single
<input type="checkbox"/> Mature leaf: colour of upper side	RHS 147A	RHS 147A	RHS 147A
<input type="checkbox"/> Mature leaf: colour of lower side	RHS 146A	RHS 147C	RHS 147C
<input checked="" type="checkbox"/> Stamen: anther	absent	present	present

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2000	Granted	‘Conles’

First sold in the USA in Mar 2000.

Description: **Deo Singh**, Ormatec Pty Ltd, Birkdale, QLD.

Plant Varieties Journal - Search Result Details

Verbena (*Verbena hybrid*)

Variety: 'Sunmarisakura'

Synonym: Pink Surprise

Application no: 2004/159

Current status: ACCEPTED

Certificate no: N/A

Received: 20-May-2004

Accepted: 24-Jun-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Suntory Flowers Limited

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: 0243531875

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



Details of Application

Application Number 2004/159
Variety Name 'Sunmarisakura'
Genus Species *Verbena* hybrid
Common Name Verbena
Synonym Pink Surprise
Accepted Date 24 Jun 2004
Applicant Suntory Flowers Limited, Tokyo, Japan.
Agent Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person Ian Paananen

Details of Comparative Trial

Location Somersby, NSW
Descriptor UPOV TG/220/1
Period Feb to May 2005
Conditions Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, no pest or disease treatments were 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 1995

Origin and Breeding

Induced Mutation: In 1998 in vitro pieces of the parent variety were irradiated and subsequently elongated shoots were grown as cuttings. In Mar 1999 5 plants were selected in view of self sterility (no seed production). These were vegetatively propagated and tested in pots during 1999-2000 at the Omi R&D Centre of Suntory Flowers Ltd. Finally one plant was selected from the 5 initial selections due to its long flower duration. It was concluded to be distinct and stable in its characteristics and was named 'Sunmarisakura'. Induced mutation: 'Sunmarisa'. The parent is characterised by a medium seed production and absence of a flower marking. Selection took place at Omi R&D Centre, Shiga, Japan. Selection criteria: self sterility and long flowering season. Propagation: stock plants generated vegetatively through micropropagation and cuttings are found to be uniform and stable. Breeders: Ken-ichi Suzuki, Naoto Takamura and Yasunori Yomo, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf blade	division	present
Corolla	colour	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sunmaref TP-SAP'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Salmena'	corolla colour	light pink	
'Coral Pink'	Corolla colour	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	'Sunmarisakura'	'Sunmaref TP-SAP'
<input type="checkbox"/> *Plant: growth habit	creeping	creeping
<input checked="" 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	short	short to medium
<input checked="" type="checkbox"/> *Leaf blade: width	narrow	narrow to medium
<input type="checkbox"/> *Leaf blade: shape	ovate	ovate
<input type="checkbox"/> *Leaf blade: division	present	present
<input type="checkbox"/> *Leaf blade: type of division	lobed	lobed
<input type="checkbox"/> *Leaf blade: type of incisions of margin	dentate	dentate
<input type="checkbox"/> *Leaf blade: colour of upper side	yellow green	yellow green
<input type="checkbox"/> *Leaf blade: anthocyanin colouration on upper side	absent	absent
<input checked="" type="checkbox"/> *Petiole: length	very short	very short to short
<input checked="" type="checkbox"/> *Inflorescence: diameter	medium to large	medium
<input type="checkbox"/> *Flower: diameter of corolla	medium to large	medium to large
<input type="checkbox"/> *Calyx: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> *Calyx: distribution of anthocyanin colouration	upper part	teeth only
<input checked="" type="checkbox"/> *Corolla tube: length	long	medium to long
<input type="checkbox"/> *Corolla tube: colour of tip of protruding hairs	light green yellow	light green yellow
<input type="checkbox"/> *Corolla lobe: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> *Corolla lobe: undulation of margin	medium to strong	medium to strong
<input type="checkbox"/> *Corolla: number of colours	one	one
<input type="checkbox"/> *Corolla: colour pattern	even	even
<input checked="" type="checkbox"/> *Corolla: main colour (RHS colour chart)	65A to 65B	66A to 66B

<input type="checkbox"/>	*Corolla: eye	absent	absent
<input checked="" type="checkbox"/>	Corolla: change of colour with age	strongly fading	weakly fading

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'Sunmarisakura'	'Sunmaref TP-SAP'
<input checked="" type="checkbox"/> Inflorescence: shape in profile	broad obovate to cylindrical	cylindric
<input checked="" type="checkbox"/> Corolla: arrangement of lobes	free	free with some overlapping

Statistical Table

Organ/Plant Part: Context	'Sunmarisakura'	'Sunmaref TP-SAP'
<input checked="" type="checkbox"/> Inflorescence: diameter (mm)		
Mean	52.36	44.84
Std. Deviation	3.10	3.80
LSD/sig	3.96	P≤0.01
<input type="checkbox"/> Corolla: diameter (mm)		
Mean	16.17	16.28
Std. Deviation	0.60	1.30
LSD/sig	1.17	ns
<input checked="" type="checkbox"/> Corolla tube: length (mm)		
Mean	17.77	15.50
Std. Deviation	0.80	1.20
LSD/sig	1.15	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	'Sunmarisakura'
Japan	2003	Applied	'Sunmarisakura'
EU	2004	Applied	'Sunmarisakura'

First sold in Japan in March 2003. First Australian sale July 2003.

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

Plant Varieties Journal - Search Result Details

Verbena (*Verbena hybrid*)

Variety: 'Sunvivare'

Synonym: N/A

Application no: 2003/134

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Jun-2003

Accepted: 02-Jul-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

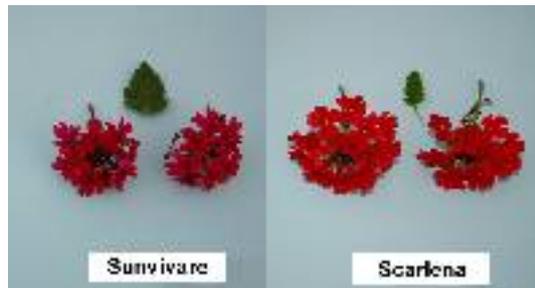
Title Holder: Suntory Flowers Limited

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: 0243531875

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



Details of Application

Application Number 2003/134
Variety Name 'Sunvivare'
Genus Species *Verbena* hybrid
Common Name Verbena
Synonym Nil
Accepted Date 2 Jul 2003
Applicant Suntory Flowers Limited, Tokyo, Japan.
Agent Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person Ian Paananen

Details of Comparative Trial

Location Somersby, NSW
Descriptor UPOV TG/220/1
Period Feb to May 2005
Conditions Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, no pest or disease treatments were 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 1995

Origin and Breeding

Spontaneous mutation: 'Sunvivaro'. The parent is characterised by a purple red flower colour and erect, compact growth habit. Selection took place at Omi R&D Centre, Shiga, Japan. Selection criteria: floriferousness, strong branching, long season, hardiness. Propagation: stock plants generated vegetatively through micropropagation and cuttings are found to be uniform and stable. Breeders: Yasuyuki Murakami & Yasunori Yomo, 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	red
Leaf blade	division	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Scarlena'	

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

Organ/Plant Part: Context	‘Sunvivare’	‘Scarlana’
<input checked="" type="checkbox"/> *Plant: growth habit	semi-upright	creeping
<input type="checkbox"/> *Plant: width just after the start of flowering	medium	medium
<input type="checkbox"/> *Stem: anthocyanin colouration	present	present
<input checked="" type="checkbox"/> *Leaf blade: length	long	medium to long
<input checked="" type="checkbox"/> *Leaf blade: width	medium to broad	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	yellow green	yellow green
<input type="checkbox"/> *Leaf blade: anthocyanin colouration on upper side	absent	absent
<input checked="" type="checkbox"/> *Petiole: length	short	medium
<input checked="" type="checkbox"/> *Inflorescence: diameter	medium to large	large
<input type="checkbox"/> *Inflorescence: shape in profile	broad obovate	broad obovate
<input type="checkbox"/> *Flower: arrangement of corolla lobes	free	free
<input checked="" type="checkbox"/> *Flower: diameter of corolla	large to very large	large
<input type="checkbox"/> *Calyx: anthocyanin colouration	present	present
<input type="checkbox"/> *Calyx: distribution of anthocyanin colouration	upper part	upper part
<input checked="" type="checkbox"/> *Corolla tube: length	medium to long	long
<input checked="" type="checkbox"/> *Corolla tube: colour of tip of protruding hairs	grey purple	light green yellow
<input type="checkbox"/> *Corolla lobe: curvature of longitudinal axis	straight	straight
<input type="checkbox"/> *Corolla lobe: undulation of margin	weak to medium	weak to medium
<input type="checkbox"/> *Corolla: number of colours	one	one
<input type="checkbox"/> *Corolla: colour pattern	even	even
<input checked="" type="checkbox"/> *Corolla: main colour (RHS colour chart)	57A	ca 45A
<input type="checkbox"/> *Corolla: eye	absent	absent
<input checked="" type="checkbox"/> Corolla: change of colour with age	weakly fading	no change

Statistical Table

Organ/Plant Part: Context	‘Sunvivare’	‘Scarlana’
<input checked="" type="checkbox"/> Inflorescence: diameter (mm)		
Mean	50.60	55.70
Std. Deviation	1.30	2.60
LSD/sig	2.38	P≤0.01
<input checked="" type="checkbox"/> Corolla: diameter (mm)		
Mean	19.20	17.70
Std. Deviation	1.10	0.90
LSD/sig	1.17	P≤0.01

☑ Corolla tube: length (mm)

Mean	16.30	19.00
Std. Deviation	0.50	0.60
LSD/sig	0.65	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2002	Applied	'Sunvivare'
Japan	2001	Applied	'Sunvivare'
New Zealand	2003	Granted	'Sunvivare'

First sold in Japan in May 2002. First Australian sale July 2002.

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

Plant Varieties Journal - Search Result Details

Verbena (*Verbena hybrid*)

Variety: 'Sunmaref TPPW'

Synonym: White Passion

Application no: 2003/135

Current status: ACCEPTED

Certificate no: N/A

Received: 02-Jun-2003

Accepted: 02-Jul-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Suntory Flowers Limited

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: 0243531875

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



Details of Application

Application Number	2003/135
Variety Name	'Sunmaref TPPW'
Genus Species	<i>Verbena</i> hybrid
Common Name	Verbena
Synonym	White Passion
Accepted Date	2 Jul 2003
Applicant	Suntory Flowers Limited, Tokyo, Japan.
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Overseas Testing Authority	USPTO
Overseas Data Reference Number	PP14,831
Location	Somersby, NSW
Descriptor	UPOV TG/220/1
Period	February to May 2005
Conditions	Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, no pest or disease treatments were 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	1995

Origin and Breeding

Controlled pollination: 'Long Run White' (seed parent) and *V. tenera* white (pollen parent). The seed parent is characterised by a semi-erect growth habit, narrow plant width and low flower number. The pollen parent is characterised by a broad plant width and high flower number. Selection took place at Omi R&D Centre, Shiga, Japan. Selection criteria: spreading habit, floriferousness, strong branching, hardiness. Propagation: stock plants generated vegetatively through micropropagation and cuttings are found to be uniform and stable. Breeder: Yasunori Yomo, 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	white
Leaf blade	division	present
Leaf blade	depth of incisions	deep

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
<i>Verbena</i> common white form	common form

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments	
	Organ/Plant Part				
‘Sunmaref TP-W’	corolla	colour	white	white with violet	not a pure white
‘Sunmaririho’	leaf blade	depth of incisions	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	‘Sunmaref TPPW’	Common white form
<input checked="" type="checkbox"/> *Plant: growth habit	creeping	semi-upright
<input checked="" type="checkbox"/> *Plant: width just after the start of flowering	medium	medium to large
<input type="checkbox"/> *Stem: anthocyanin colouration	absent	
<input checked="" type="checkbox"/> *Leaf blade: length	short	medium
<input checked="" type="checkbox"/> *Leaf blade: width	medium	medium to broad
<input type="checkbox"/> *Leaf blade: shape	ovate	ovate
<input type="checkbox"/> *Leaf blade: division	present	present
<input type="checkbox"/> *Leaf blade: type of division	dissected	dissected
<input type="checkbox"/> *Leaf blade: colour of upper side	yellow green	yellow green
<input type="checkbox"/> *Leaf blade: anthocyanin colouration on upper side	absent	
<input type="checkbox"/> *Petiole: length	short	
<input checked="" type="checkbox"/> *Inflorescence: diameter	small	medium
<input type="checkbox"/> *Inflorescence: shape in profile	broad obovate	
<input checked="" type="checkbox"/> *Flower: diameter of corolla	medium	small
<input type="checkbox"/> *Calyx: anthocyanin colouration	absent	
<input checked="" type="checkbox"/> *Corolla tube: length	short	medium
<input type="checkbox"/> *Corolla tube: colour of tip of protruding hairs	light green yellow	
<input type="checkbox"/> *Corolla lobe: curvature of longitudinal axis	straight	
<input type="checkbox"/> *Corolla lobe: undulation of margin	medium to strong	
<input type="checkbox"/> *Corolla: number of colours	one	one
<input type="checkbox"/> *Corolla: colour pattern	even	even
<input type="checkbox"/> *Corolla: main colour (RHS colour chart)	155D	155D
<input type="checkbox"/> *Corolla: secondary colour (RHS colour chart)	absent	
<input type="checkbox"/> *Corolla: eye	absent	absent
<input type="checkbox"/> Corolla: change of colour with age	no change	no change

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sunmaref TPPW’
<input type="checkbox"/> Corolla: arrangement of lobes	free with some

overlapping

Statistical Table

Organ/Plant Part: Context

‘Sunmaref TPPW’

Inflorescence: diameter (mm)

Mean 34.10

Std. Deviation 1.30

Flower: diameter (mm)

Mean 13.30

Std. Deviation 0.90

Corolla tube: length (mm)

Mean 11.50

Std. Deviation 0.60

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Japan	2001	Applied	‘Sunmaref TPPW’
Canada	2002	Applied	‘Sunmaref TPPW’
USA	2002	Granted	‘Sunmaref TPPW’

First sold in Japan in May 2002. First Australian sale July 2002.

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

Plant Varieties Journal - Search Result Details

Calibrachoa (*Calibrachoa hybrid*)

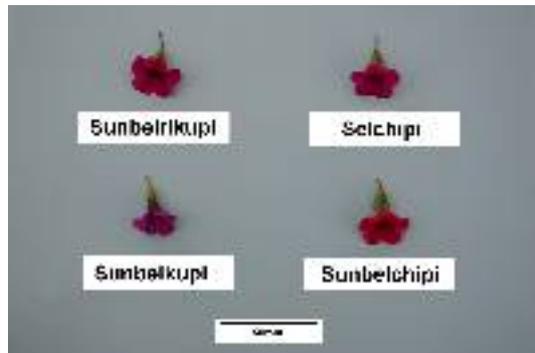
Variety: 'Sunbelrikupi'
Synonym: Trailing Cherry

Application no: 2004/161
Current status: ACCEPTED
Certificate no: N/A
Received: 20-May-2004
Accepted: 24-Jun-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Suntory Flowers Limited
Agent: Ramm Botanicals Holdings Pty Ltd
Telephone: 0243512099
Fax: 0243531875

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



Details of Application

Application Number 2004/161
Variety Name 'Sunbelrikupi'
Genus Species *Calibrachoa* hybrid
Common Name Calibrachoa
Synonym Trailing Cherry
Accepted Date 24 Jun 2004
Applicant Suntory Flowers Limited, Tokyo, Japan.
Agent Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person Ian Paananen

Details of Comparative Trial

Location Somersby, NSW
Descriptor UPOV TG/207/1
Period February to May 2005
Conditions Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, no pest or disease treatments were 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 1995

Origin and Breeding

Controlled pollination: 'Sunbelchipi' (seed parent) x 'Sunbelkupi' (pollen parent). The seed parent is characterised by a spreading growth habit, medium plant height and red purple flower colour. The pollen parent is characterised by a small-medium flower diameter and a red purple flower colour. Selection took place at Omi R&D Centre, Shiga, Japan. Selection criteria: red-purple flower colour, profusion of blooms and small flower size. Propagation: stock plants generated vegetatively through micropropagation and cuttings are found to be uniform and stable. Breeder: Yasuyuki Murakami, 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	approximating red purple RHS 74A
Plant	growth habit	creeping

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Sunbelchipi’	included because it is the seed parent
‘Sunbelkupi’	
‘Selchepi’	

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

Organ/Plant Part: Context	‘Sunbelrikupi’	‘Selchepi’	‘Sunbelchipi’	‘Sunbelkupi’
<input checked="" type="checkbox"/> Plant: growth habit	creeping	creeping	upright	creeping
<input checked="" type="checkbox"/> *Plant: height	very short to short	very short to short	medium	very short to short
<input type="checkbox"/> *Shoot: length	long	long	long	long
<input checked="" type="checkbox"/> *Leaf blade: length	medium	medium to long	long	medium
<input checked="" type="checkbox"/> *Leaf blade: width	broad	narrow to medium	broad	narrow to medium
<input type="checkbox"/> Leaf blade: shape of apex	broad acute	broad acute	broad acute	broad acute
<input type="checkbox"/> *Leaf blade: variegation	absent	absent	absent	absent
<input type="checkbox"/> *Leaf blade: green colour of upper side (non-variegated varieties only)	medium	medium	medium	medium
<input type="checkbox"/> Petiole: length	absent or very short			
<input type="checkbox"/> Pedicel: length	medium	medium	medium	medium
<input type="checkbox"/> *Sepal: length	short to medium	short to medium	short to medium	short to medium
<input type="checkbox"/> *Sepal: width	medium	medium	medium	medium
<input checked="" type="checkbox"/> Sepal: anthocyanin colouration	absent	present	absent	absent
<input type="checkbox"/> *Flower: type	single	single	single	single
<input type="checkbox"/> *Flower: diameter	medium to large	medium	medium to large	medium to large
<input checked="" type="checkbox"/> Flower: degree of lobing	medium	medium to strong	medium	strong
<input type="checkbox"/> *Corolla lobe: number of colours of upper side	one	one	one	one
<input checked="" type="checkbox"/> *Corolla lobe: main colour of upper side (RHS colour chart)	74A	74A	57A	78A
<input checked="" type="checkbox"/> *Corolla lobe: conspicuousness of veins on upper side	medium	weak	medium	weak
<input checked="" type="checkbox"/> Corolla lobe: main colour of lower side (RHS colour chart)	70B	78A	63B	78C

<input checked="" type="checkbox"/>	Corolla lobe: shape of apex	rounded	rounded	cuspidate	rounded
<input type="checkbox"/>	Corolla tube: maximum length	medium	medium	medium	medium
<input checked="" type="checkbox"/>	*Corolla tube: main colour of inner side (RHS colour chart)	11B	11A	11A	11B
<input checked="" type="checkbox"/>	Corolla tube: conspicuousness of veins on inner side	medium	weak to medium	medium	weak to medium

Statistical Table

Organ/Plant Part: Context	'Sunbelrikupi'	'Selchepi'	'Sunbelchipi'	'Sunbelkupi'
<input type="checkbox"/> Flower: diameter (mm)				
Mean	27.80	26.50	26.40	27.50
Std. Deviation	2.10	1.60	2.20	2.60
Lsd/sig	2.44	ns	ns	ns
<input checked="" type="checkbox"/> Corolla tube: length (mm)				
Mean	17.90	19.20	20.40	19.70
Std. Deviation	1.00	0.90	1.00	0.80
Lsd/sig	1.04	P≤0.01	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Japan	2001	Applied	'Sunbelrikupi'
Canada	2001	Applied	'Sunbelrikupi'
USA	2002	Granted	'Sunbelrikupi'
New Zealand	2003	Granted	'Sunbelrikupi'
Israel	2003	Applied	'Sunbelrikupi'
EU	2003	Applied	'Sunbelrikupi'

First sold in Japan in March 2002. First Australian sale July 2003.

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

Plant Varieties Journal - Search Result Details

Calibrachoa (*Calibrachoa hybrid*)

Variety: 'Sunbelbusta'
Synonym: Violet Chimes

Application no: 2004/160
Current status: ACCEPTED
Certificate no: N/A
Received: 20-May-2004
Accepted: 24-Jun-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Suntory Flowers Limited
Agent: Ramm Botanicals Holdings Pty Ltd
Telephone: 0243512099
Fax: 0243531875

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



Details of Application

Application Number 2004/160
Variety Name 'Sunbelbusta'
Genus Species *Calibrachoa* hybrid
Common Name Calibrachoa
Synonym Violet Chimes
Accepted Date 24 Jun 2004
Applicant Suntory Flowers Limited, Tokyo, Japan.
Agent Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person Ian Paananen

Details of Comparative Trial

Location Somersby, NSW
Descriptor UPOV TG/207/1
Period Feb to May 2005
Conditions Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, no pest or disease treatments were 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 1995

Origin and Breeding

Controlled pollination: 'CHBS05' (seed parent) x 'CHBS07' (pollen parent). The seed parent is characterised by an erect growth habit and vivid red purple flower colour. The pollen parent is characterised by a violet flower colour. Selection took place at Yokaichi-shi, Shiga-ken, Suntory Flowers Ltd, Japan. Selection criteria: spreading growth habit, purple flower colour and profusion of blooms. Propagation: stock plants generated vegetatively through micropropagation and cuttings are found to be uniform and stable. Breeders: Yasuyuki Murakami and Takeshi Kanaya, 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	main colour of upper side	purple violet

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'KLEC00070'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Sunbelkubu'	Plant	height	medium	very short
'KLEC99R14'	Plant	height	medium	very short

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

Organ/Plant Part: Context	‘Sunbelbusta’	‘KLEC00070’
<input checked="" type="checkbox"/> Plant: growth habit	upright	creeping
<input checked="" type="checkbox"/> *Plant: height	medium	very short
<input type="checkbox"/> *Shoot: length	long	long
<input checked="" type="checkbox"/> *Leaf blade: length	long	medium
<input checked="" type="checkbox"/> *Leaf blade: width	medium to broad	narrow to medium
<input checked="" type="checkbox"/> Leaf blade: shape of apex	narrow acute	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 type="checkbox"/> Pedicel: length	medium	medium
<input type="checkbox"/> *Sepal: length	short to medium	short to medium
<input type="checkbox"/> *Sepal: width	medium	medium
<input type="checkbox"/> Sepal: anthocyanin colouration	present	present
<input type="checkbox"/> *Flower: type	single	single
<input checked="" type="checkbox"/> *Flower: diameter	medium	large
<input checked="" type="checkbox"/> Flower: degree of lobing	weak	strong to very strong
<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)	82A	82A-83A
<input checked="" type="checkbox"/> *Corolla lobe: conspicuousness of veins on upper side	medium	strong
<input checked="" type="checkbox"/> Corolla lobe: main colour of lower side (RHS colour chart)	82A	82A-83A
<input checked="" type="checkbox"/> Corolla lobe: shape of apex	cuspidate	rounded
<input type="checkbox"/> Corolla tube: maximum length	medium	medium
<input checked="" type="checkbox"/> *Corolla tube: main colour of inner side (RHS colour chart)	8D and 155A	8C
<input checked="" type="checkbox"/> Corolla tube: conspicuousness of veins on inner side	medium	medium to strong

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sunbelbusta’	‘KLEC00070’
<input checked="" type="checkbox"/> Corolla lobe: fading at margin	present	absent

Statistical Table

Organ/Plant Part: Context	‘Sunbelbusta’	‘KLEC00070’
<input checked="" type="checkbox"/> Flower: diameter (mm)		
Mean	24.10	30.40
Std. Deviation	0.70	1.50
Lsd/sig	1.32	P≤0.01

Corolla tube: length (mm)

Mean	19.70	20.40
Std. Deviation	0.30	1.60
Lsd/sig	1.30	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	'Sunbelbusta'

First sold in USA in April 2003. First Australian sale July 2003.

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

Plant Varieties Journal - Search Result Details

Bidens (Bidens triplinervia)

Variety: 'Sunbideki'
Synonym: Yellow Spark

Application no: 2003/183
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Jul-2003
Accepted: 18-Sep-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Suntory Flowers Limited
Agent: Ramm Botanicals Holdings Pty Ltd
Telephone: 0243512099
Fax: 0243531875

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



Details of Application

Application Number	2003/183
Variety Name	'Sunbideki'
Genus Species	<i>Bidens triplinervia</i>
Common Name	Bidens
Synonym	Yellow Spark
Accepted Date	18 Sep 2003
Applicant	Suntory Flowers Limited, Tokyo, Japan.
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Somersby, NSW
Descriptor	General Descriptor
Period	Feb to May 2005
Conditions	Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, no pest or disease treatments were 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	1995

Origin and Breeding

Induced mutation by colchicine treatment followed by open pollination: 'BD-97'. The parent is characterised by short plant height, medium flower diameter and long peduncle length. Selection took place at Omi R&D Centre, Shiga, Japan. Selection criteria: dwarf spreading habit, vivid flower colour, floriferousness, longer flower duration, and low seed fertility. Propagation: stock plants generated vegetatively through micropropagation and cuttings are found to be uniform and stable. Breeder: Tomoya Misato, 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
Plant	growth habit	spreading
Inflorescence	diameter	small-medium
Leaf	length	short to medium
Leaf	width	medium-broad

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'BD-97'	Original source material. No other varieties of common knowledge have been identified within the same species.

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

Organ/Plant Part: Context	‘Sunbideki’	‘BD -97’
<input type="checkbox"/> Plant: growth habit	spreading	spreading
<input checked="" type="checkbox"/> Plant: size	medium	small-medium
<input checked="" type="checkbox"/> Plant: height	short to medium	very short to short
<input type="checkbox"/> Plant: width	medium	medium
<input checked="" type="checkbox"/> Leaf: length of blade	medium	short to medium
<input checked="" type="checkbox"/> Leaf: width of blade	medium	medium to broad
<input type="checkbox"/> Leaf: green colour	medium to dark	medium to dark
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	137A	137A
<input checked="" type="checkbox"/> Flower: diameter	medium to large	small to medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sunbideki’	‘BD-97’
<input type="checkbox"/> Inflorescence: number of ray florets	5	5
<input type="checkbox"/> Ray floret: colour (RHS)	13A	13A
<input type="checkbox"/> Ray floret: secondary colour (RHS)	7A near margin	7A near margin
<input type="checkbox"/> Ray floret: incisions in apex	present	present
<input type="checkbox"/> Ray floret: prominence of incisions in apex	strong	
<input checked="" type="checkbox"/> Inflorescence: diameter	medium	small-medium
<input type="checkbox"/> Ray floret: shape	obovate	obovate

Statistical Table

Organ/Plant Part: Context	‘Sunbideki’
<input type="checkbox"/> Leaf: width (mm)	
Mean	29.30
Std. Deviation	4.20
LSD/sig	4.26
<input type="checkbox"/> Ray floret: length (mm)	
Mean	11.90
Std. Deviation	0.80
LSD/sig	1.28
<input type="checkbox"/> Plant: height (cm)	
Mean	15.20
Std. Deviation	2.40
LSD/sig	3.47
<input type="checkbox"/> Plant: width (cm)	
Mean	50.50
Std. Deviation	6.50
LSD/sig	9.92

<input type="checkbox"/> Stem: internode length (mm)	
Mean	46.90
Std. Deviation	6.20
LSD/sig	9.45
<input type="checkbox"/> Leaf: length (mm)	
Mean	43.20
Std. Deviation	5.10
LSD/sig	6.16
<input type="checkbox"/> Inflorescence: diameter (mm)	
Mean	26.10
Std. Deviation	1.70
LSD/sig	1.69
<input type="checkbox"/> Ray floret: width (mm)	
Mean	10.10
Std. Deviation	0.80
LSD/sig	0.86

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Japan	2001	Applied	'Sunbideki'
EU	2003	Applied	'Sunbideki'

First sold in Japan in May 2001. First Australian sale Aug 2002.

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

Plant Varieties Journal - Search Result Details

Fern-leaved Bidens (*Bidens ferulifolia*)

Variety: 'Sunbidesupa'

Synonym: Gold Spark

Application no: 2004/143

Current status: ACCEPTED

Certificate no: N/A

Received: 05-May-2004

Accepted: 01-Jun-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Suntory Flowers Limited

Agent: Ramm Botanicals Holdings Pty Ltd

Telephone: 0243512099

Fax: 0243531875

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



Details of Application

Application Number	2004/143
Variety Name	'Sunbidesupa'
Genus Species	<i>Bidens ferulifolia</i>
Common Name	Fern-leaved Bidens
Synonym	Gold Spark
Accepted Date	1 Jun 2004
Applicant	Suntory Flowers Limited, Tokyo, Japan.
Agent	Ramm Botanicals Holdings Pty Ltd, Tuggerah, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Somersby, NSW
Descriptor	General Descriptor
Period	February to May 2005
Conditions	Trial conducted in open beds, plants propagated from cuttings, rooted cuttings planted into 140mm pots filled with soilless potting mix, nutrition maintained with slow release fertilisers and drip irrigated, no pest or disease treatments were 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	1995

Origin and Breeding

Open pollination: 'Golden Eye'. The parent is characterised by a spreading growth habit and medium internode length. Selection took place at Omi R&D Centre, Shiga, Japan. Selection criteria: compact habit and large vivid flower colour. Propagation: stock plants generated vegetatively through micropropagation and cuttings are found to be uniform and stable. Breeders: Tomoya Misato & Kiyoshi Miyazaki, 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
Plant	density	compact
Inflorescence	diameter	medium to large

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Bidtis 1'	

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

Organ/Plant Part: Context	‘Sunbidesupa’	‘Biddtis 1’
<input checked="" type="checkbox"/> Plant: growth habit	bushy	spreading
<input checked="" type="checkbox"/> Plant: size	small	large
<input checked="" type="checkbox"/> Plant: height	short to medium	medium to tall
<input checked="" type="checkbox"/> Plant: width	narrow	broad to very broad
<input checked="" type="checkbox"/> Leaf: length of blade	short	medium
<input checked="" type="checkbox"/> Leaf: width of blade	narrow to medium	medium to broad
<input type="checkbox"/> Leaf: green colour	medium to dark	medium to dark
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input type="checkbox"/> Leaf: primary colour (RHS colour chart)	137A	137A
<input checked="" type="checkbox"/> Flower: diameter	large	medium to large

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sunbidesupa’	‘Biddtis 1’
<input checked="" type="checkbox"/> Inflorescence: number of ray florets	8	5
<input checked="" type="checkbox"/> Ray floret: colour (RHS)	12A	14A
<input type="checkbox"/> Ray floret: secondary colour (RHS)	absent	absent
<input type="checkbox"/> Ray floret: incisions in apex	present	present
<input checked="" type="checkbox"/> Ray floret: prominence of incisions in apex	medium	weak
<input checked="" type="checkbox"/> Inflorescence: diameter	large	medium-large
<input type="checkbox"/> Ray floret: shape	elliptic	elliptic
<input type="checkbox"/> Stigma: colour (RHS)	14A	

Statistical Table

Organ/Plant Part: Context	‘Sunbidesupa’	‘Biddtis 1’
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	19.00	30.80
Std. Deviation	1.60	4.40
LSD/sig	3.47	P≤0.01
<input checked="" type="checkbox"/> Plant: width (cm)		
Mean	39.90	78.30
Std. Deviation	5.40	12.50
LSD/sig	9.92	P≤0.01
<input checked="" type="checkbox"/> Stem: internode length (mm)		
Mean	34.50	103.10
Std. Deviation	9.40	8.90
LSD/sig	9.45	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	23.10	41.20
Std. Deviation	2.80	7.30
LSD/sig	6.16	P≤0.01

<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	22.20	33.00
Std. Deviation	2.00	4.50
LSD/sig	4.26	P≤0.01
<input checked="" type="checkbox"/> Inflorescence: diameter (mm)		
Mean	35.80	32.50
Std. Deviation	1.80	0.80
LSD/sig	1.69	P≤0.01
<input type="checkbox"/> Ray floret: length (mm)		
Mean	16.60	15.70
Std. Deviation	1.30	1.20
LSD/sig	1.28	ns
<input type="checkbox"/> Ray floret: width (mm)		
Mean	10.50	11.00
Std. Deviation	0.80	0.60
LSD/sig	0.86	ns

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	'Sunbidesupa'

First sold in USA in April 2003. First Australian sale July 2003.

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

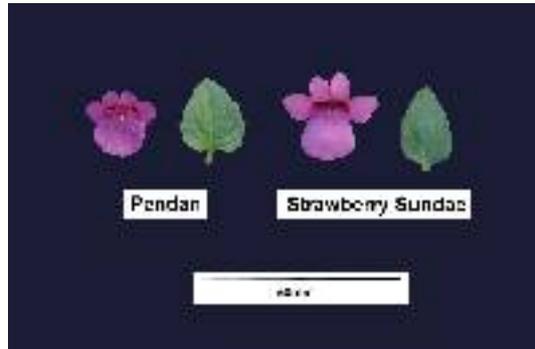
Twinspur (*Diascia barbarae*)

Variety: 'Pendan'
Synonym: N/A
Application no: 2003/054
Current status: ACCEPTED
Certificate no: N/A
Received: 11-Mar-2003
Accepted: 20-Jul-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: Sydney James Jones & David Jones
Agent: Plants Management Australia Pty Ltd
Telephone: 0397221444
Fax: 0397221018

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



Details of Application

Application Number 2003/054
Variety Name 'Pendan'
Genus Species *Diascia barbarae*
Common Name Twinspur
Synonym Nil
Accepted Date 20 Jul 2003
Applicant Sydney James Jones & David Jones, Magor, Wales, UK.
Agent Plants Management Australia Pty Ltd, Wonga Park, Victoria.
Qualified Person Steve Eggleton

Details of Comparative Trial

Location 3 Harris Rd, Wonga Park, Victoria
Descriptor Diascia Descriptor
Period Feb 2005 to May 2005
Conditions Trial conducted in the open, plants propagated from cuttings, transferred from plugs to 140mm pots in Feb 2005. Pots filled with soilless, pinebark based mix with controlled release fertilizers. Appropriate pest and disease treatments were applied as required.
Trial Design Twelve pots of each variety in a completely randomised design.
Measurements From ten plants randomly selected.
RHS Chart - edition 1995

Origin and Breeding

Controlled pollination: the seed parent is characterised by pale pink flowers and a low flower number while the pollen parent is characterised by low plant vigour. Both parents are non commercial plants of the breeders own stock. Breeding took place in Magor, Wales, UK. Seed was collected, sown and once raised, were grown out to flowering stage where a selection was made in 1996 on the basis of flower colour bright pink and plant habit compact. Propagation: The seedling after being isolated was then propagated via cuttings to establish trial stock plants. The initial and all subsequent generations were all found to be uniform and stable. 'Pendan' will continue to be commercially propagated by cuttings. Breeder: Sydney James Jones & David Jones, Magor, Wales, UK

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Corolla	main colour of inner surface	red-purple 64 ABC or D

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Strawberry Sundae'	

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

Organ/Plant Part: Context	'Pendan'	'Strawberry Sundae'
<input type="checkbox"/> Plant: growth habit	spreading	
<input type="checkbox"/> Plant: width at broadest point	broad	
<input checked="" type="checkbox"/> Plant: density	dense	sparse
<input type="checkbox"/> Leaf blade: length	short	
<input checked="" type="checkbox"/> Leaf blade: width	broad	narrow
<input type="checkbox"/> Leaf blade: ratio length/width	small	
<input type="checkbox"/> Leaf blade: variegation	absent	
<input type="checkbox"/> Leaf blade: main colour (RHS colour chart)	green 137A	
<input type="checkbox"/> Leaf blade: intensity of anthocyanin coloration (varieties with non-variegated leaf only)	absent or very weak to weak	
<input checked="" type="checkbox"/> Leaf blade: shape of base	cordate	obtuse
<input checked="" type="checkbox"/> Leaf blade: shape of apex	broad acute	narrow acute
<input type="checkbox"/> Leaf blade: margin	serrate	
<input type="checkbox"/> Corolla: main colour of inner surface (RHS colour chart)	red-purple 64C	red-purple 64D
<input type="checkbox"/> Lower lip: ratio length/width	longer than broad	
<input type="checkbox"/> Lower lip: undulation of margin	weak	
<input type="checkbox"/> Corolla throat: number of spots	one	
<input type="checkbox"/> Corolla throat: colour of spot(s)	dark yellow	
<input checked="" type="checkbox"/> Spur: length	short	long
<input type="checkbox"/> Spur: main colour	pink	

Statistical Table

Organ/Plant Part: Context	'Pendan'	'Strawberry Sundae'
<input type="checkbox"/> Corolla: length (mm)		
Mean	24.30	
Std. Deviation	1.06	
<input type="checkbox"/> Corolla: width (mm)		
Mean	21.90	
Std. Deviation	1.45	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2000	Granted	'Pendan'
Japan	2001	Applied	'Pendan'
EU	2000	Granted	'Pendan'

First sold in EU in Feb 2001. First Australian sale Aug 2002.

Description: **Steve Eggleton**, Lilydale, VIC.

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Yarden'
Synonym: N/A

Application no: 2004/103
Current status: ACCEPTED
Certificate no: N/A
Received: 22-Mar-2004
Accepted: 13-Apr-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: The Center for Potato Research in Hot Climates Ltd.
Agent: Elders Limited
Telephone: 0884254177
Fax: 0882121193

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



Details of Application

Application Number	2004/103
Variety Name	'Yarden'
Genus Species	<i>Solanum tuberosum</i>
Common Name	Potato
Synonym	Nil
Accepted Date	13 Apr 2004
Applicant	The Center for Potato Research in Hot Climates Ltd., Ofakim, Israel
Agent	Elders Limited, Adelaide, SA.
Qualified Person	Prue McMichael

Details of Comparative Trial

Location	Virginia, South Australia
Descriptor	UPOV TG/23/5 Potato
Period	Planted 15th Jul, 2004; harvested 17th Dec, 2004
Conditions	The comparative trial was established in Virginia on the northern Adelaide Plains, South Australia, on 15th Jul, 2004. There were 30 varieties included in the trial, of which 4 were PBR Part 2 candidates. Field-grown, certified tubers were planted in the experimental plot in 14 rows. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparator/s were replicated three times. The soil type was sandy-loam. Pre-plant, NPK (10:3:10) fertiliser was applied. During the growing season ammonium nitrate, urea, trace elements and potassium nitrate were applied. Pest and disease management was achieved with applications of registered insecticides and fungicides. Plants were knocked down by a desiccant. Irrigation was via solid set sprinklers. The plots were harvested on 17th Dec, 2004. Trial observations were made regularly with measurements being taken at random from fifteen plants within the trial and twenty five tubers per replicate.
Trial Design	There were 30 varieties included in the trial, of which 4 were PBR Part 2 candidates. Field-grown, certified tubers were planted in the experimental plot in 14 rows. The varieties were arranged in a randomised complete block with stacked replicates. Each variety and its comparators were replicated three times.
Measurements	Trial observations were made regularly with measurements being taken from twenty plants and twenty five tubers per replicate.

Origin and Breeding

Controlled pollination: seed parent 'Desiree' x pollen parent 'Atlantic'. The seed parent was characterised red skin colour and red-violet flower colour. The pollen parent was characterised by tall plant height. Breeding took place during 1997 in Ofakim, Negev, Israel. A total of 6 selection cycles (2 per year) were undertaken to finally select the variety. Propagation was carried out via micro-propagation techniques from plantlets to mini tubers to seed tubers took place, with mini tubers propagated in a green house and seed tubers propagated in a screen house. Five years of field selections and observations commences in 1998, with trials including January and October plantings. Breeder: Professor Avi Nachmias, The Center for Potato Research in Hot Climates Ltd. Ofakim, 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
Flower corolla	colour of inner side	blue-violet
Tuber	colour of skin	white to yellow
Tuber	colour of flesh	white to cream

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Argos'	
'Atlantic'	Pollen parent
'Valor'	
'Gladiator'	
'Discovery'	
'Desiree'	Seed parent. However, it is not a similar variety of common knowledge as it is a red skinned variety.
'Hermes'	Identified as being a similar variety in Part 1 application. However, it is not considered to be a similar variety of common knowledge as it has a red-violet coloured flower.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
	Organ/Plant Part Context		
'Gladiator'	Stem extension of anthocyanin colouration	strong	absent or very weak
'Valor'	Stem extension of anthocyanin colouration	strong	absent or very weak
'Discovery'	Plant type	intermediate	stem
'Desiree'	Tuber colour of skin	yellow/white	red
'Hermes'	Flower corolla colour of inner side	blue-violet	red-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	'Yarden'	'Argos'	'Atlantic'
<input type="checkbox"/> Plant: foliage structure	intermediate type	intermediate type	intermediate type
<input type="checkbox"/> *Plant: growth habit	upright	upright to semi-upright	upright to semi-upright
<input checked="" type="checkbox"/> *Stem: anthocyanin colouration	medium	medium	absent or very weak
<input type="checkbox"/> Leaf: openness	intermediate	intermediate	intermediate
<input checked="" type="checkbox"/> Leaf: presence of secondary leaflets	medium	strong	medium
<input type="checkbox"/> Terminal and lateral leaflets: frequency of	low	low	low

coalescence

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

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Yarden’	‘Argos’	‘Atlantic’
<input type="checkbox"/> Stem: thickness of main stem	medium-thick	medium-thick	medium-thick
<input type="checkbox"/> Leaflet (terminal): width	medium	medium	medium-broad
<input checked="" type="checkbox"/> Leaflet (terminal): size	large	medium	large
<input checked="" type="checkbox"/> Tuber: smoothness of skin	smooth-medium	smooth-medium	medium

Statistical Table

Organ/Plant Part: Context	‘Yarden’	‘Argos’	‘Atlantic’
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	31.00	29.00	44.00
Std. Deviation	7.00	4.00	4.00
LSD/sig	4.0	ns	P≤0.01
<input type="checkbox"/> Leaf: size (cm)			
Mean	20.60	18.30	25.10
Std. Deviation	1.80	2.10	3.30
LSD/sig	2.4	ns	P≤0.01
<input type="checkbox"/> Leaflet: length - excluding petiole (cm)			
Mean	10.00	7.20	10.80
Std. Deviation	1.00	0.70	1.20

LSD/sig	1.0	P≤0.01	ns
<input checked="" type="checkbox"/> Leaflet: length - including petiole (cm)			
Mean	11.60	8.70	13.10
Std. Deviation	1.30	0.70	1.00
LSD/sig	1.0	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Leaflet: width (cm)			
Mean	6.40	5.00	8.10
Std. Deviation	0.50	0.50	0.50
LSD/sig	0.5	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Tuber: length (mm)			
Mean	72.00	79.20	66.20
Std. Deviation	12.40	12.30	8.00
LSD/sig	4.7	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Tuber : width (mm)			
Mean	66.10	60.70	59.40
Std. Deviation	8.60	6.80	5.20
LSD/sig	3.0	P≤0.01	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
South Africa	2000	Granted	'Yarden'

Prior sale nil.

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

Plant Varieties Journal - Search Result Details

Cereal Rye (*Secale cereale*)

Variety: 'Westwood'

Synonym: N/A

Application no: 2004/140

Current status: ACCEPTED

Certificate no: N/A

Received: 05-May-2004

Accepted: 20-Aug-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

Title Holder: The University of Sydney and George Weston Foods Pty Ltd

Agent: The University of Sydney

Telephone: 0293514000

Fax: 0293513636

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



Details of Application

Application Number	2004/140
Variety Name	'Westwood'
Genus Species	<i>Secale cereale</i>
Common Name	Cereal Rye
Synonym	Nil
Accepted Date	20 Aug 2004
Applicant	The University of Sydney and George Weston Foods Pty Ltd
Agent	The University of Sydney
Qualified Person	Jeremy Roake

Details of Comparative Trial

Location	Plant Breeding Institute, Cobbitty, NSW latitude 34°01' S, longitude 150°40' E elevation 75m
Descriptor	UPOV/TG/58/6
Period	Winter/Spring 2004
Conditions	Hand sown trial plots. Plots sown into fertilised drilled (Granulock 15) rows.
Trial Design	Completely Randomised Design, 3 Replicates, Plots 5 m row plots, 30 cm row spacing.
Measurements	20 randomly selected plants per plot
RHS Chart - edition	Nil

Origin and Breeding

Open-pollination followed by single plant selection: single open pollinated plants, that were resistant to rye stem and leaf rust, were selected from one of a 1000 open pollinating half-sib rows at Cobbitty in 1996. Single plants with large seed size were selected and sown as half-sib plots adjacent to one another in 1997 at Cobbitty. Plots that didn't lodge under irrigation were selected, and planted in an un-replicated yield trial at Cowra in 1998. The highest yielding plots were again sown at Cowra in 1999 and 2000, from which the two half-sib lines, 5469 (98-13) and 5469 (98-14), consistently had higher yields than the control variety 'Rysun', and also were far superior in lodging resistance compared to 'Rysun' under higher yields. Seed from the 1999 and 2000 harvest were mixed and used to increase the two lines. This seed was used in yield trials in 2001, and seed increased in isolation in 2001 and 2002, was used in subsequent years yield trials to confirm the superior yield and lodging resistance over 'Rysun' for the S1 and S2 generations. The lines were propagated as seed between generations, and the S1, S2, and S3 generations were propagated by seed in isolation from other cereal rye. Propagation: between generations was by seed. Breeder: Mr Jeremy Roake, Mr Raul Rodriguez and Dr Norman Darvey, The University of Sydney, Plant Breeding Institute, Cobbitty, NSW.

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rysun'	

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
'Bevy'	Plant height	tall	segregating semi-dwarf (80%) to tall (20%)
'SA Rye'	Disease stem rust	greater than 80% of plants resistant	100% susceptible

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

Organ/Plant Part: Context	'Westwood'	'Rysun'
<input type="checkbox"/> *Ploidy:	diploid	diploid
<input type="checkbox"/> Grain: colour of aleurone layer	dark	dark
<input type="checkbox"/> *Coleoptile: anthocyanin colouration	absent or very weak to weak	absent or very weak to weak
<input type="checkbox"/> Coleoptile: length	medium	medium
<input checked="" type="checkbox"/> First leaf: length of sheath	medium to long	short
<input type="checkbox"/> *Plant: growth habit	semi-erect	semi-erect
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak	weak
<input type="checkbox"/> *Time of: ear emergence	medium	medium
<input type="checkbox"/> Leaf next to flag leaf: length of blade	short to medium	medium
<input type="checkbox"/> Leaf next to flag leaf: width of blade	narrow to medium	narrow to medium
<input type="checkbox"/> *Ear: glaucosity	medium	medium
<input type="checkbox"/> *Stem: hairiness below ear	medium	medium
<input type="checkbox"/> *Plant: length	long	long
<input type="checkbox"/> Stem: length between upper node and ear	medium	medium
<input type="checkbox"/> Ear: length	medium	medium
<input type="checkbox"/> *Ear: density	medium	medium
<input type="checkbox"/> Ear: attitude	horizontal to semi-recurved	horizontal to semi-recurved
<input type="checkbox"/> *Grain: weight per thousand grains	medium	medium
<input type="checkbox"/> *Grain: length	medium	medium
<input type="checkbox"/> Grain: colouration with phenol	absent or very light	absent or very light
<input type="checkbox"/> *Seasonal type:	spring	spring

Statistical Table

Organ/Plant Part: Context	'Westwood'	'Rysun'
<input checked="" type="checkbox"/> First leaf: length of sheath (mm)		
Mean	50.32	45.10
Std. Deviation	5.96	5.96
LSD/sig	2.68	P≤0.01

Prior Applications and Sales

Nil.

Description: **Jeremy Roake**, Plant Breeding Institute, University of Sydney, Cobbitty, NSW.

Plant Varieties Journal - Search Result Details

Condiment Paprika (*Capsicum annuum* var. *annuum* (Longum Group))

Variety: 'Cerise Sweet'

Synonym: N/A

Application no: 2004/091

Current status: ACCEPTED

Certificate no: N/A

Received: 10-Mar-2004

Accepted: 20-Aug-2004

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 3

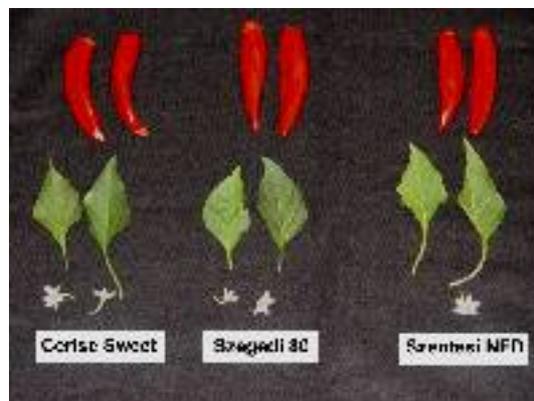
Title Holder: The University of Sydney, Rural Industries Research and Development Corporation and ASAS Pty Limited

Agent: The University of Sydney

Telephone: 0293517088

Fax: 023513636

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



Details of Application

Application Number	2004/091
Variety Name	'Cerise Sweet'
Genus Species	<i>Capsicum annuum</i> var. <i>annuum</i> (Longum Group)
Common Name	Condiment Paprika
Synonym	Nil
Accepted Date	20 Aug 2004
Applicant	The University of Sydney, Rural Industries Research and Development Corporation and ASAS Pty Limited
Agent	The University of Sydney
Qualified Person	Jeremy Roake

Details of Comparative Trial

Location	Plant Breeding Institute, Cobbitty, NSW latitude 34°01' S, longitude 150°40' E elevation 75m
Descriptor	UPOV TG/76/7 (modified)
Period	Spring-Summer 2004-2005
Conditions	Trial was conducted in the field, seedlings transplanted at 6 weeks, irrigation, fertilisation and plant protection as required.
Trial Design	Completely randomised block design with 3 replicates, 3m long 3 row plots, 40 cm row spacing, 20cm plant spacing
Measurements	From 10 plants from the centre row of each plot with 3 replications
RHS Chart - edition	2001 edition

Origin and Breeding

Selfed seedling selection: this variety is selected from original parent material of NF Derera that became an ecotype, the original population now called 'Fuszer Paprika of Szentes' in Hungary. 'Cerise Sweet' was reselected from this population for its high fruit dry matter yield and superior 1st harvest fruit yield, and uniformity for its indeterminate plant growth habit (contrast to the ecotype which had both a semi-determinate and indeterminate plant growth habit). Propagation: seed. Breeder: Prof. N F Derera, ASAS Pty Ltd, Sydney, 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	shortened internode (in upper part)	absent
Plant	anthocyanin colouration at level of nodes	absent or very weak
Plant	time of beginning of flowering	early
Plant	time of ripening	early
Plant	ASTA content	high

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Szegedi 80’	It is the Hungarian variety also grown for high ASTA pigment content.
‘Szentesi NFD’	It is the parent ecotype from which ‘Cerise Sweet’ was selected for higher fruit volume and fruit dry matter content, but having the same high ASTA content.

Varieties of Common Knowledge identified and subsequently excluded

Variety	Distinguishing Characteristics	State of Expression in Candidate Variety	State of Expression in Comparator Variety
‘Szegedi 20’	Fruit shape	triangular	round
‘Szegedi 20’	Plant habit	indeterminate	determinate

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

Organ/Plant Part: Context	‘Cerise Sweet’	‘Szegedi 80’	‘Szentesi NFD’
<input type="checkbox"/> Seedling: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> Plant: growth habit	indeterminate	indeterminate	indeterminate to semi-indeterminate
<input type="checkbox"/> Plant: height at flowering (cm)	39.35	38.42	37.55
<input type="checkbox"/> Plant: shortened internode (in upper part)	absent	absent	absent
<input type="checkbox"/> Plant: number of internodes between the first	none	none	none
<input type="checkbox"/> Plant: length of internode (mm) (Varieties without shortened internodes)	75.03	85.85	65.15
<input type="checkbox"/> Plant: anthocyanin colouration	absent or very weak to weak	absent or very weak to weak	absent or very weak
<input type="checkbox"/> Leaf: length of blade (mm)	96.95	94.1	93.03
<input type="checkbox"/> Leaf: width of blade (mm)	51.35	42.8	46.6
<input checked="" type="checkbox"/> Leaf: length/width ratio	1.89	2.2	2.00
<input type="checkbox"/> Leaf: colour (RHS colour chart)	143A	143A	143A
<input type="checkbox"/> Flower: attitude of peduncle	drooping	drooping	drooping
<input type="checkbox"/> Flower: colour (RHS colour chart)	white	white	white
<input type="checkbox"/> Fruit: colour before maturity (RHS colour chart)	143A	143A	143A
<input type="checkbox"/> Fruit: attitude	drooping	drooping	drooping
<input checked="" type="checkbox"/> Fruit: length (mm)	115.08	102.97	117
<input type="checkbox"/> Fruit: diameter (mm)	27.05	27.20	26.8
<input type="checkbox"/> Fruit: length/diameter ratio	4.27	3.79	4.37
<input type="checkbox"/> Fruit: volume (mm ³ , measured by the displacement of water)	367.0	412.5	338.2

<input checked="" type="checkbox"/>	Fruit: predominant shape of longitudinal section	triangular	triangular	round
<input checked="" type="checkbox"/>	Fruit: predominant shape of cross section (at level of placenta)	circular	angular	circular
<input checked="" type="checkbox"/>	Fruit: colour at maturity (RHS colour chart)	46A	46A	46A
<input type="checkbox"/>	Fruit: glossiness	medium to strong	medium to strong	medium to strong
<input checked="" type="checkbox"/>	Fruit: stalk cavity	present	absent	present
<input type="checkbox"/>	Fruit: shape of apex	acute	acute	acute
<input type="checkbox"/>	Fruit: predominant number of locules	two and three	two and three	two and three
<input type="checkbox"/>	Fruit: thickness of flesh (mm)	3.25	3.21	3.43
<input type="checkbox"/>	Fruit: weight (g) (fresh fruit)	22.8	25.62	27.95
<input checked="" type="checkbox"/>	Fruit: pigment content (ASTA unit or pigment g/kg)	307	392.5	321
<input checked="" type="checkbox"/>	Fruit: dry matter content (%)	22.5	19.0	19.5
<input type="checkbox"/>	Placenta: size (only for candidate)	medium		
<input checked="" type="checkbox"/>	Stalk: length (mm)	58.4	46.8	54.05
<input checked="" type="checkbox"/>	Stalk: thickness	medium	medium to thick	medium
<input checked="" type="checkbox"/>	Time of: beginning of flowering (first flower on second flowering)	early	early	early to medium
<input checked="" type="checkbox"/>	Time of: ripening (colour change of fruits on 50% plants)	early	early to medium	early to medium

Statistical Table

Organ/Plant Part: Context	'Cerise Sweet'	'Szegedi 80'	'Szentesi NFD'
<input type="checkbox"/> Plant: height at flowering (cm)			
Mean	39.35	38.43	37.55
Std. Deviation	2.14	2.29	2.44
LSD/sig	5.27	ns	ns
<input type="checkbox"/> Leaf: width of blade (mm)			
Mean	51.35	42.80	46.60
Std. Deviation	4.92	1.81	4.12
LSD/sig	8.84	ns	ns
<input checked="" type="checkbox"/> Leaf: length/width ratio			
Mean	1.89	2.20	2.00
Std. Deviation	0.05	0.07	0.04
LSD/sig	0.12	P≤0.01	ns
<input checked="" type="checkbox"/> Fruit: length (mm)			
Mean	115.08	102.97	117.00
Std. Deviation	2.49	2.95	4.47
LSD/sig	7.84	P≤0.01	ns
<input type="checkbox"/> Fruit: diameter (mm)			
Mean	27.05	27.20	26.80
Std. Deviation	2.58	0.99	2.65
LSD/sig	5.08	ns	ns
<input type="checkbox"/> Plant: length of internode (mm)			
Mean	75.03	85.85	65.15
Std. Deviation	11.88	6.86	8.50
LSD/sig	21.4	ns	ns
<input type="checkbox"/> Leaf: length of blade (mm)			
Mean	96.95	94.10	93.03
Std. Deviation	6.51	2.31	8.00
LSD/sig	14.02	ns	ns
<input type="checkbox"/> Fruit: length/diameter ratio			
Mean	4.27	3.79	4.37
Std. Deviation	0.39	0.08	0.40
LSD/sig	0.75	ns	ns
<input type="checkbox"/> Fruit: volume (mm ³)			
Mean	367.00	412.5	338.3
Std. Deviation	45.75	3.57	2.68
LSD/sig	84.81	ns	ns
<input type="checkbox"/> Fruit: thickness of flesh (mm)			
Mean	3.25	3.21	3.43
Std. Deviation	0.19	0.22	0.34
LSD/sig	0.59	ns	ns
<input type="checkbox"/> Fruit: weight (g) (fresh fruit)			
Mean	22.80	25.63	27.95
Std. Deviation	2.45	2.84	2.83
LSD/sig	6.24	ns	ns

☑ Fruit: pigment content (ASTA)			
Mean	307.00	392.00	321.00
Std. Deviation	15.95	23.00	17.50
LSD/sig	43.99	P≤0.01	ns
☑ Stalk: length (mm)			
Mean	58.40	46.80	54.05
Std. Deviation	5.57	3.48	2.14
LSD/sig	9.17	P≤0.01	ns
☑ Fruit: dry matter content (%)			
Mean	22.50	19.00	19.50
Std. Deviation	1.29	0.82	1.91
LSD/sig	2.97	P≤0.01	P≤0.01

Prior Applications and Sales

Prior applications nil. First sold in Australia in Sep 2003.

Description: **Jeremy Roake**, Plant Breeding Institute, University of Sydney, Cobbitty, NSW.

GRANTS

Acacia cognata

BOWER WATTLE, RIVER WATTLE

‘Bower Beauty’^ϕ

Application No: 2002/317 Grantee: **Phillip Allen Dowling**, Mt Gambier West, SA.
Certificate No: 2818 Expiry Date: 29 July 2025.

Agapanthus orientalis

AGAPANTHUS

‘Cloudy Days’^ϕ

Application No: 2001/354 Grantee: **John Maxwell and Gail Alexis Craigie**, Brassall, QLD.
Certificate No: 2892 Expiry Date: 27 September 2025.

Antirrhinum majus

SNAPDRAGON

‘Balumred’^ϕ

Application No: 2004/005 Grantee: **Ball Horticultural Company**.
Certificate No: 2836 Expiry Date: 22 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balumrest’^ϕ

Application No: 2004/004 Grantee: **Ball Horticultural Company**.
Certificate No: 2835 Expiry Date: 22 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Avena sativa

OATS

‘Mitika’^ϕ

Application No: 2003/231 Grantee: **Minister for Agriculture, Food and Fisheries**, Adelaide, SA.
Certificate No: 2888 Expiry Date: 21 September 2025.

Begonia boliviensis

BEGONIA

‘Bonfire’^ϕ

Application No: 1999/243 Grantee: **New Zealand Institute for Crop & Food Research Limited**.
Certificate No: 2817 Expiry Date: 29 July 2025.
Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Brachiaria ruziziensis x *Brachiaria decumbens* x *Brachiaria bizantha*

Brachiaria Hybrid

‘Mulato II’^ϕ

Application No: 2004/043 Grantee: **Centro Internacional de Agricultura Tropical (CIAT)**.

Certificate No: 2845 Expiry Date: 22 August 2025.

Agent: **GeneGro Pty Ltd**, Sheldon, QLD.

Bracteantha bracteata

EVERLASTING DAISY, STRAWFLOWER

‘Sun Yellow Bon Bon’^ϕ syn Yellow Bon Bon^ϕ

Application No: 2004/066 Grantee: **Miyoshi & Co. Ltd.**

Certificate No: 2899 Expiry Date: 27 September 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Brassica napus var. *oleifera*

CANOLA

‘Tornado TT’^ϕ

Application No: 2004/074 Grantee: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

Certificate No: 2900 Expiry Date: 27 September 2025.

‘Surpass 404CL’^ϕ

Application No: 2003/024 Grantee: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

Certificate No: 2819 Expiry Date: 29 July 2025.

‘Trigold’^ϕ

Application No: 2003/066 Grantee: **Canola Breeders Western Australia Pty Ltd**, Shenton Park, WA.

Certificate No: 2820 Expiry Date: 29 July 2025.

Buddleia hybrid

BUTTERFLY BUSH

‘Little Honey’^ϕ

Application No: 2003/224 Grantee: **RJ Cherry**, Kulnura, NSW.

Certificate No: 2866 Expiry Date: 25 August 2025.

Callistemon viminalis

BOTTLEBRUSH

‘Matthew Flinders’^ϕ

Application No: 2003/179 Grantee: **T.C. & J.M. Keogh**.

Certificate No: 2895 Expiry Date: 27 September 2025.

Agent: **Redlands Nursery Pty Ltd**, Redland Bay, QLD.

Cordyline brasiliensis

CORDYLINE

‘Pink Joy’^ϕ

Application No: 2002/189 Grantee: **Walter John Drane & Doreen Joy Drane**, Ningi, QLD.
Certificate No: 2889 Expiry Date: 21 September 2025.

Cynodon dactylon

COUCHGRASS, BERMUDAGRASS

‘Oz-E-Green’^ϕ

Application No: 2004/035 Grantee: **Oz Tuff Turf**, Childers, QLD.
Certificate No: 2844 Expiry Date: 22 August 2025.

Distichlis spicata

SALTGRASS

‘Yensen 4A’^ϕ

Application No: 2004/122 Grantee: **NyPa Incorporated**.
Certificate No: 2846 Expiry Date: 22 August 2025.
Agent: **Nypa Australia Pty Ltd**, Adelaide, SA.

Duranta stenostachya

DURANTA

‘Mini Gold’^ϕ

Application No: 2003/178 Grantee: **T.C. & J.M. Keogh**.
Certificate No: 2883 Expiry Date: 21 September 2025.
Agent: **Redlands Nursery Pty Ltd**, Redland Bay, QLD.

Euphorbia pulcherrima

POINSETTIA

‘Fislemon’^ϕ syn Fispoin 6935^ϕ

Application No: 2003/014 Grantee: **FLORA-NOVA Pflanzen GmbH**.
Certificate No: 2874 Expiry Date: 25 August 2025.
Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

‘Fismille’^ϕ

Application No: 2002/046 Grantee: **FLORA-NOVA Pflanzen GmbH**.
Certificate No: 2862 Expiry Date: 25 August 2025.
Agent: **Sprint Horticulture Pty Ltd**, Erina, NSW.

‘Kamp Burgundy’^ϕ

Application No: 2003/013 Grantee: **FLORA-NOVA Pflanzen GmbH.**

Certificate No: 2873 Expiry Date: 25 August 2025.

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

Ficus benjamina

WEEPING FIG

‘Foyer’^ϕ

Application No: 2003/271 Grantee: **Jon Goodall**, Kempsey, NSW.

Certificate No: 2896 Expiry Date: 27 September 2030.

Gaura lindheimeri

GAURA, BUTTERFLY BUSH

‘Baltinblus’^ϕ

Application No: 2003/214 Grantee: **Ball Horticultural Company.**

Certificate No: 2834 Expiry Date: 22 August 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Baltinrose’^ϕ

Application No: 2003/213 Grantee: **Ball Horticultural Company.**

Certificate No: 2833 Expiry Date: 22 August 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Passionate Rainbow’^ϕ

Application No: 2003/091 Grantee: **Plant Growers Australia Pty Ltd**, Wonga Park, VIC.

Certificate No: 2894 Expiry Date: 27 September 2025.

Gossypium hirsutum

COTTON

‘Sicala 45’^ϕ

Application No: 2003/038 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

Certificate No: 2857 Expiry Date: 24 August 2025.

‘Sicala 60BR’^ϕ

Application No: 2004/037 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

Certificate No: 2875 Expiry Date: 25 August 2025.

‘Sicala V-3BR’^ϕ

Application No: 2004/042 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

Certificate No: 2880 Expiry Date: 25 August 2025.

‘Sicot 289B’^ϕ

Application No: 2004/041 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

Certificate No: 2879 Expiry Date: 25 August 2025.

‘Sicot 289BR’^ϕ

Application No: 2004/040 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

Certificate No: 2878 Expiry Date: 25 August 2025.

‘Siokra V-16B’^ϕ

Application No: 2004/038 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

Certificate No: 2876 Expiry Date: 25 August 2025.

‘Siokra V-16BR’^ϕ

Application No: 2004/039 Grantee: **Commonwealth Scientific and Industrial Research Organisation**, Canberra, ACT.

Certificate No: 2877 Expiry Date: 25 August 2025.

Grevillea hybrid

GREVILLEA

‘Goldfever’^ϕ

Application No: 2003/294 Grantee: **Peter James Ollerenshaw**, Bywong, NSW.

Certificate No: 2887 Expiry Date: 21 September 2025.

‘Molly’^ϕ

Application No: 2003/353 Grantee: **Bill & Marie Watson**, Algester, QLD.

Certificate No: 2882 Expiry Date: 21 September 2025.

Heliotropium arborescens

HELIOTROPE

‘Balhelbabe’^ϕ

Application No: 2004/155 Grantee: **Ball Horticultural Company**.

Certificate No: 2902 Expiry Date: 27 September 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Impatiens hawkeri

NEW GUINEA IMPATIENS

‘Balcebrapi’^ϕ

Application No: 2002/358 Grantee: **Ball Horticultural Company**.
Certificate No: 2828 Expiry Date: 29 July 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balceblali’^ϕ

Application No: 2002/208 Grantee: **Ball Horticultural Company**.
Certificate No: 2826 Expiry Date: 29 July 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balceblico’^ϕ

Application No: 2004/025 Grantee: **Ball Horticultural Company**.
Certificate No: 2838 Expiry Date: 22 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balceborst’^ϕ

Application No: 2002/207 Grantee: **Ball Horticultural Company**.
Certificate No: 2825 Expiry Date: 29 July 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcebpurs’^ϕ

Application No: 2004/027 Grantee: **Ball Horticultural Company**.
Certificate No: 2839 Expiry Date: 22 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcebsafo’^ϕ

Application No: 2002/211 Grantee: **Ball Horticultural Company**.
Certificate No: 2832 Expiry Date: 22 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcebscapi’^ϕ

Application No: 2002/359 Grantee: **Ball Horticultural Company**.
Certificate No: 2830 Expiry Date: 29 July 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcebstar’^ϕ

Application No: 2002/209 Grantee: **Ball Horticultural Company**.
Certificate No: 2827 Expiry Date: 29 July 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Impatiens hybrid

IMPATIENS

‘Balfusglo’^ϕ

Application No: 2004/032 Grantee: **Ball Horticultural Company**.

Certificate No: 2841 Expiry Date: 22 August 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balfusheat’^ϕ

Application No: 2004/034 Grantee: **Ball Horticultural Company**.

Certificate No: 2843 Expiry Date: 22 August 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balfusinred’^ϕ

Application No: 2004/031 Grantee: **Ball Horticultural Company**.

Certificate No: 2840 Expiry Date: 22 August 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balfusnset’^ϕ

Application No: 2004/033 Grantee: **Ball Horticultural Company**.

Certificate No: 2842 Expiry Date: 22 August 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balfusradn’^ϕ

Application No: 2004/024 Grantee: **Ball Horticultural Company**.

Certificate No: 2837 Expiry Date: 22 August 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Impatiens hybrid

NEW GUINEA IMPATIENS

‘Kicabo’^ϕ syn Cabo Blanco^ϕ

Application No: 2001/346 Grantee: **InnovaPlant GmbH & Co. KG**.

Certificate No: 2854 Expiry Date: 24 August 2025.

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

Impatiens walleriana

BUSY LIZZIE

‘Balolespur’^ϕ

Application No: 2003/215 Grantee: **Ball Horticultural Company**.

Certificate No: 2829 Expiry Date: 29 July 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balpixdobur’^ϕ

Application No: 2004/006 Grantee: **Ball Horticultural Company**.

Certificate No: 2831 Expiry Date: 29 July 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balpixsang’^ϕ

Application No: 2003/222 Grantee: **Ball Horticultural Company**.

Certificate No: 2858 Expiry Date: 24 August 2025.

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Lavandula dentata

FRENCH LAVENDER

‘Frenchette’^ϕ

Application No: 2003/162 Grantee: **David Burt**, Officer, VIC.

Certificate No: 2886 Expiry Date: 21 September 2025.

Lilium hybrid

LILY

‘Chili’^ϕ

Application No: 2004/144 Grantee: **Vletter & Den Haan Beheer B.V.**

Certificate No: 2901 Expiry Date: 27 September 2025.

Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

‘Ribera’^ϕ

Application No: 2003/264 Grantee: **Vletter & Den Haan Beheer B.V.**

Certificate No: 2870 Expiry Date: 25 August 2025.

Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

‘Zantriana’^ϕ

Application No: 2003/259 Grantee: **Van Zanten Flowerbulbs B.V.**

Certificate No: 2867 Expiry Date: 25 August 2025.

Agent: **F B Rice & Co**, Sydney South, NSW.

‘Zantriconst’^ϕ

Application No: 2003/261 Grantee: **Van Zanten Flowerbulbs B.V.**

Certificate No: 2869 Expiry Date: 25 August 2025.

Agent: **F B Rice & Co**, Sydney South, NSW.

‘Zantrirod’^ϕ

Application No: 2003/260 Grantee: **Van Zanten Flowerbulbs B.V.**
Certificate No: 2868 Expiry Date: 25 August 2025.
Agent: **F B Rice & Co**, Sydney South, NSW.

Liriope muscari

LILYTURF

‘Summer Beauty’^ϕ

Application No: 2003/335 Grantee: **Ursula Mueller**, Birkdale, QLD.
Certificate No: 2885 Expiry Date: 21 September 2025.

Malus prunifolia var *ringo* x *Malus pumila* var *paradisiaca*

APPLE ROOTSTOCK

‘JM1’^ϕ

Application No: 2001/079 Grantee: **Incorporated Administrative Agency National Agriculture and Bio-oriented Research Organization**.
Certificate No: 2891 Expiry Date: 27 September 2030.
Agent: **Davies Collison Cave**, Melbourne, VIC.

Mangifera indica

MANGO

‘Bundy Special’^ϕ

Application No: 2003/004 Grantee: **Errol Wayne and Beverly June Balke**.
Certificate No: 2893 Expiry Date: 27 September 2030.
Agent: **Dr Lloyd Donaldson**, River Heads, QLD.

Medicago sativa

LUCERNE

‘54Q53’^ϕ

Application No: 2001/322 Grantee: **Pioneer Hi-Bred International, Inc.**
Certificate No: 2861 Expiry Date: 25 August 2025.
Agent: **Pioneer Hi-Bred Australia Pty Ltd**, Toowoomba, QLD.

‘Venus’^ϕ

Application No: 1999/285 Grantee: **Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation and Australian Wool Innovation Limited**.
Certificate No: 2859 Expiry Date: 23 August 2025.
Agent: **Seed Technology & Marketing Pty Ltd**, Hilton, SA.

Plectranthus hilliardiae x (*P. saccatus* x *P. hilliardiae*)

SPURFLOWER

‘P000607’^ϕ syn Purple Angel^ϕ

Application No: 2004/128 Grantee: **Gert J. Brits (Dr)**.
Certificate No: 2823 Expiry Date: 29 July 2025.
Agent: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.

Plectranthus hilliardiae x *Plectranthus saccatus*

SPURFLOWER

‘P000603’^ϕ syn Pink Angel^ϕ

Application No: 2004/129 Grantee: **Gert J. Brits (Dr)**.
Certificate No: 2824 Expiry Date: 29 July 2025.
Agent: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.

Plectranthus hybrid

SPURFLOWER

‘Coral Cloud’^ϕ

Application No: 2002/079 Grantee: **Gert J. Brits (Dr)**.
Certificate No: 2821 Expiry Date: 29 July 2025.
Agent: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.

Plectranthus saccatus x *Plectranthus hilliardiae*

SPURFLOWER

‘Edelblau’^ϕ syn Blue Angel^ϕ

Application No: 2002/080 Grantee: **Gert J. Brits (Dr)**.
Certificate No: 2822 Expiry Date: 29 July 2025.
Agent: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.

Protea cynaroides

GIANT PROTEA, KING PROTEA

‘White Crown’^ϕ

Application No: 2002/107 Grantee: **Ausflora Pacific Pty Ltd**, Glenbrook, VIC.
Certificate No: 2884 Expiry Date: 21 September 2025.

Prunus avium

SWEET CHERRY

‘Rivedel’^ϕ

Application No: 2000/040 Grantee: **Societe Anonyme des Pepinieres et Roseraies GEORGES DELBARD**.
Certificate No: 2860 Expiry Date: 25 August 2030.

Agent: **Australian Nurserymen's Fruit Improvement Co. Limited**, Bathurst, NSW.

Prunus persica

PEACH

‘Scarlet O’Hara’^ϕ

Application No: 2003/153 Grantee: **The Horticulture and Food Research Institute of New Zealand Limited**.

Certificate No: 2865 Expiry Date: 25 August 2030.

Agent: **A J Park**, Canberra, ACT.

Rosa hybrid

ROSE

‘Briyell’^ϕ

Application No: 2003/299 Grantee: **Peter Brill**.

Certificate No: 2850 Expiry Date: 23 August 2025.

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

‘Foundation’^ϕ

Application No: 2002/133 Grantee: **Activ Foundation Incorporated**, Wembley, WA.

Certificate No: 2855 Expiry Date: 24 August 2025.

‘GrandMygi’^ϕ

Application No: 2003/330 Grantee: **Mr H Schreuders**.

Certificate No: 2852 Expiry Date: 23 August 2025.

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

‘HARXEVER’^ϕ syn JOY OF HEALTH^ϕ

Application No: 1997/065 Grantee: **Harkness New Roses Ltd**.

Certificate No: 2816 Expiry Date: 29 July 2025.

Agent: **S Brundrett & Sons (Roses) Pty Ltd**, Warragul, VIC.

‘Lexode’^ϕ

Application No: 2003/356 Grantee: **Lex Voorn**.

Certificate No: 2890 Expiry Date: 21 September 2025.

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

‘Nirpgreenl’^ϕ

Application No: 2004/014 Grantee: **Lux Riviera S.r.l.**

Certificate No: 2853 Expiry Date: 23 August 2025.

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

‘POULra002’^φ

Application No: 2003/240 Grantee: **Poulsen Roser A/S**.
Certificate No: 2847 Expiry Date: 23 August 2025.
Agent: **Griffith Hack**, Perth, WA.

‘POULra004’^φ

Application No: 2003/241 Grantee: **Poulsen Roser A/S**.
Certificate No: 2848 Expiry Date: 23 August 2025.
Agent: **Griffith Hack**, Perth, WA.

‘POULra015’^φ

Application No: 2003/242 Grantee: **Poulsen Roser A/S**.
Certificate No: 2849 Expiry Date: 23 August 2025.
Agent: **Griffith Hack**, Perth, WA.

‘Prerarol’^φ

Application No: 2002/324 Grantee: **Preesman Royalty B.V.**.
Certificate No: 2856 Expiry Date: 24 August 2025.
Agent: **Roskam Young Plants Pty Ltd**, Clarinda, VIC.

‘Spebola’^φ

Application No: 2003/313 Grantee: **Spek Rose Breeding international**.
Certificate No: 2851 Expiry Date: 23 August 2025.
Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

Solanum tuberosum

POTATO

‘Carrera’^φ

Application No: 2003/300 Grantee: **HZPC Holland BV**.
Certificate No: 2897 Expiry Date: 27 September 2025.
Agent: **Harvest Moon Pty Ltd**, Forth, TAS.

‘Rodeo’^φ

Application No: 2003/301 Grantee: **H. Mulder**.
Certificate No: 2898 Expiry Date: 27 September 2025.
Agent: **Harvest Moon Pty Ltd**, Forth, TAS.

Verbena xhybrida

VERBENA

‘Balzdapi’^φ

Application No: 2003/009 Grantee: **Ball Horticultural Company**.

Certificate No: 2872 Expiry Date: 26 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balazpico’^φ

Application No: 2003/006 Grantee: **Ball Horticultural Company**.
Certificate No: 2871 Expiry Date: 26 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balazrasp’^φ

Application No: 2003/010 Grantee: **Ball Horticultural Company**.
Certificate No: 2864 Expiry Date: 26 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balazsilma’^φ

Application No: 2003/005 Grantee: **Ball Horticultural Company**.
Certificate No: 2863 Expiry Date: 26 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balazwhit’^φ

Application No: 2004/174 Grantee: **Ball Horticultural Company**.
Certificate No: 2881 Expiry Date: 25 August 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

DENOMINATION CHANGED

App. No	Genus	species	Common Name	Denomination Changed from	Denomination Changed to
2000/153	<i>Cordyline</i>	hybrid	Cordyline	Jurred	Red Fountain
1994/046	<i>Prunus</i>	<i>avium</i>	Sweet Cherry	Celeste	Sumpaca
2005/163	<i>Brassica</i>	<i>napus</i>	Canola	AGT346	Banjo

SYNONYM ADDED

App. No	Genus	species	Common Name	Denomination	Synonym Added
1994/046	<i>Prunus</i>	<i>avium</i>	Sweet Cherry	Sumpaca	Celeste

CHANGE OF OWNER

App. No.	Genus	Species	Common Name	Variety	Change Type	Changed From	Changed To
2004/152	<i>Baloskion</i>	<i>pallens</i>	Cord Rush	Decra104	Change Owner	Cedar Hill Flowers and Foliage Pty Ltd	Vitroflora Pty Ltd
2000/336	<i>Medicago</i>	<i>littoralis</i>	Strand Medic	Angel	Change Owner	Minister for Agriculture, Food and Fisheries	Minister for Agriculture, Food and Fisheries and Adelaide Research and Innovation Pty Ltd
2005/003	<i>Lactuca</i>	<i>sativa</i>	Lettuce	Veredes	Change Owner	Nunza B.V.	Nunhems B.V.
2005/004	<i>Lactuca</i>	<i>sativa</i>	Lettuce	Betanto	Change Owner	Nunza B.V.	Nunhems B.V.
2005/05	<i>Lactuca</i>	<i>sativa</i>	Lettuce	Bughatti	Change Owner	Nunza B.V.	Nunhems B.V.

APPLICATION WITHDRAWN

The following varieties are no longer under provisional protection:

App. No	Genus	Species	Variety	Synonym	Common Name
2001/242	<i>Anthurium</i>	hybrid	Aeighteen		Flamingo Flower
2005/009	<i>Arachis</i>	<i>hypogaea</i>	Watson		Peanut
2004/204	<i>Bougainvillea</i>	<i>spectabilis</i>	Bewitched		Bougainvillea
2003/122	<i>Rubus</i>	<i>idaeus</i>	Motueka		Raspberry
2003/121	<i>Rubus</i>	<i>idaeus</i>	Tadmor		Raspberry
2003/363	<i>Verbena</i>	<i>xhybrida</i>	Dulcena		Garden Verbena
2004/010	<i>Verbena</i>	<i>xhybrida</i>	Vilena		Garden Verbena
2002/254	<i>Vinca</i>	<i>minor</i>	Illumination		Greater Periwinkle

GRANTS SURRENDERED

The following varieties are no longer under PBR protection:

App. No	Genus	Species	Variety	Synonym	Common Name
1990/048	<i>Cicer</i>	<i>arietinum</i>	BARWON		Chickpea
1991/018	<i>Panicum</i>	<i>maximum</i>	NATSUYUTAK A		Guinea Grass
1991/058	<i>Citrus</i>	<i>reticulata</i> hybrid	SUNSET	Sunset Mandarin	Mandarin hybrid
1993/108	<i>Impatiens</i>	<i>walleriana</i>	GOLDEN GIRL		Busy Lizzie
1993/128	<i>Medicago</i>	<i>sativa</i>	5454		Lucerne
1994/171	<i>Cyathea</i>	<i>cooperi</i>	ALLYN LACE		Coopers Tree Fern
1995/095	<i>Cyathea</i>	<i>cooperi</i>	ALLYN KREST		Coopers Tree Fern
1995/169	<i>Euphorbia</i>	<i>pulcherrima</i>	490 MARBLE	Eckespoint Freedom Marble	Poinsettia
1999/161	<i>Brassica</i>	<i>napus</i>	Ripper		Canola
1999/376	<i>Rosa</i>	hybrid	POULDacen		Rose
1999/380	<i>Rosa</i>	hybrid	POULorin		Rose
2001/197	<i>Rosa</i>	hybrid	Intersnapni	Big Time	Rose
1990/074	<i>Solanum</i>	<i>tuberosum</i>	LISETA		Potato
1995/253	<i>Solanum</i>	<i>tuberosum</i>	NOVITA		Potato
2000/025	<i>Solanum</i>	<i>tuberosum</i>	Discovery		Potato
2000/026	<i>Solanum</i>	<i>tuberosum</i>	Pomeroy		Potato
2000/222	<i>Verbena</i>	<i>xhybrida</i>	Charmena		Verbena
2000/223	<i>Verbena</i>	<i>xhybrida</i>	Florena		Verbena
2000/225	<i>Verbena</i>	<i>xhybrida</i>	Morena		Verbena
2000/226	<i>Verbena</i>	<i>xhybrida</i>	Mylena		Verbena
2000/227	<i>Verbena</i>	<i>xhybrida</i>	Scarlena		Verbena
2000/228	<i>Verbena</i>	<i>xhybrida</i>	Vertis		Verbena
2001/246	<i>Verbena</i>	<i>xhybrida</i>	Lobena		Verbena
2001/247	<i>Verbena</i>	<i>xhybrida</i>	Oxena		Verbena
2001/248	<i>Verbena</i>	<i>xhybrida</i>	Spikena		Verbena
2001/249	<i>Verbena</i>	<i>xhybrida</i>	Salmena		Verbena
2001/250	<i>Verbena</i>	<i>xhybrida</i>	Wynena		Verbena
2000/232	<i>Calibrachoa</i>	hybrid	Selchepi	Selecta Cherry Pink	Calibrachoa
2000/233	<i>Calibrachoa</i>	hybrid	KLEC99R14		Calibrachoa
2001/118	<i>Calibrachoa</i>	hybrid	KLEC00078		Calibrachoa
2003/155	<i>Calibrachoa</i>	hybrid	KLEC01062	Selecta Sweet Heart Pink	Calibrachoa
2000/318	<i>Brassica</i>	<i>napus</i> var. <i>oleifera</i>	Surpass 501TT		Canola
2000/320	<i>Brassica</i>	<i>napus</i> var. <i>oleifera</i>	Surpass 603CL		Canola
2001/026	<i>Hebe</i>	hybrid	Pink Cloud		Hebe
2002/023	<i>Hebe</i>	hybrid	Magenta Cloud		Hebe
2002/039	<i>Lilium</i>	hybrid	ALMERIA	Vletal	Lily
2002/063	<i>Alstroemeria</i>	hybrid	Zanysia	Alysia	Peruvian Lily
2002/214	<i>Avena</i>	<i>sativa</i>	Quokka		Oats

APPLICATION REJECTED

App. No	Genus	species	Common Name	Variety
2004/205	<i>Bougainvillea</i>	<i>glabra</i>	Bougainvillea	Purple Carpet
1999/295	<i>Verticordia plumosa</i> x <i>Chamelaucium ciliatum</i>		Waxflower x Featherflower	TP2

Corrigenda

The detailed descriptions of the following two *Nierembergia* varieties ‘Sunnicodiva’ and ‘Sunnicobu’ were originally published in PVJ 17(4). However, in the published descriptions the characteristics were inadvertently swapped over between the varieties. The following characteristics and comparative table are the correct representation of the varieties.

Nierembergia hybrid

Nierembergia

‘Sunnicodiva’ syn ‘Violet Splash’

Application No: 2004/141

Journal Reference: PVJ 17(4) page 312-4

Characteristics Plant: growth habit ascending, attitude semi-erect to spreading, height medium (mean 21.3cm), width medium (mean 32.5cm). Stem: length of internode medium, colour yellow green (RHS 146B), branching dense, pubescence dense. Leaf: attachment angle to stem semi-upright, length medium (mean 14.9mm) width medium (mean 1.8mm), shape lanceolate, shape of apex acute, base cuneate, main colour of upper side green (RHS 137B), main colour of lower side green (RHS 137C), pubescence sparse. Flower: type single, attitude upright, height medium (mean 27.4mm), width medium (mean 30.1mm) length of corolla tube medium (mean 29.6mm), waving of petal margin medium, lobation of petal shallow, inner colour of petal violet (RHS N87A), inner colour of corolla throat yellow (RHS 12A), outside colour of corolla throat violet blue (RHS 90A). (Note: all RHS colour chart numbers refer to 2001 edition.)

Nierembergia hybrid

Nierembergia

‘Sunnicobu’ syn ‘Lilac Splash’

Application No: 2003/132

Journal Reference: PVJ 17(4) page 306-8

Characteristics Plant: growth habit ascending, attitude semi-erect to spreading, height medium (mean 19.7cm), width medium (mean 20.3cm). Stem: length of internode medium, colour yellow green (RHS 146B), branching dense, pubescence dense. Leaf: attachment angle to stem upright, length medium (mean 18.2mm) width medium (mean 2.3mm), shape lanceolate, shape of apex acute, base cuneate, main colour of upper side green (RHS 137B), main colour of lower side green (RHS 137C), pubescence sparse. Flower: type single, attitude upright, height medium (mean 23.6mm), width medium (mean 29.8mm) length of corolla tube medium (mean 29.7mm), waving of petal margin weak, lobation of petal shallow, inner colour of petal violet (RHS N87D), inner colour of corolla throat yellow (RHS 12B), outside colour of corolla throat violet blue (RHS 90C). (Note: all RHS colour chart numbers refer to 2001 edition.)

Table *Nierembergia* varieties

	‘Sunnicobu’	‘Sunnicodiva’	‘Purple Robe’	un-named blue
PLANT: ATTITUDE	semi-erect to spreading	semi-erect to spreading	semi-erect to spreading	semi-erect
STEM: PUBESCENCE	medium	medium	dense	medium

LEAF: COLOUR OF UPPER SIDE (RHS, 2001)				
	137B	137B	137C	137B
LEAF: ANGLE OF ATTACHMENT TO STEM				
	upright	semi-upright	semi-upright	upright
FLOWER: WAVING OF PETAL MARGIN				
	weak	medium	medium	medium
FLOWER COROLLA COLOURS (RHS, 1995)				
inner petal	N87D	N87A	darker than N87D	86A
inner throat	12B	12A	12B	12B
outside throat	90C	90A	90B	90A

Note: The published photo correctly represent the varieties in the original publication.

Angelonia hybrid

Angelonia

‘Balangpili’

Application No: 2003/209

Journal Reference: PVJ 17(4) page 151

In PVJ 17.4 in the **Origin and Breeding** section the seed parent listed was Ball Horticultural Company proprietary breeding selection BFP-142 and the pollen parent Ball Horticultural company proprietary breeding selection BFP-272.

The pedigree of this variety has now been amended to **seed parent** as Ball Horticultural Company proprietary breeding selection **BFP-374** and the **pollen parent** Ball Horticultural company proprietary breeding selection **BFP-414**.

Lathyrus sativus

Grass Pea

‘Ceora’

Application No: 2003/324

Journal Reference: PVJ 17(2) page 427

In the comparative table, the colour descriptions have been placed under the wrong comparators - they should read:

Table *Lathyrus* varieties

	‘Ceora’	*‘K33’	*‘ATC 80723’
FLOWER:			
colour of wing RHS (2001)	white 155B	violet- blue 98B	violet-blue 96A
colour of standard	white	violet- blue	violet-blue

RHS (2001)	155B	97B	96A
centre flecking RHS (2001)	violet- blue 96A	absent	absent

Note: The published photo correctly represent the varieties in the original publication.

The appendices to *Plant Varieties Journal* (Vol. 18 Issue 3) are listed below:

[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](#)

Fees

Two fee structures exist as a result of the transition from Plant Variety Rights to Plant Breeders Rights.

For new applications (those lodged on or after 11 November 1994) the PBR fees apply. For older applications lodged before 11 November 1994 and not finally disposed of (Granted, Withdrawn, Refused etc.) the PVR fees in force at the time apply.

The Treasurer has determined that all statutory fees under PBR regulations will be exempted from GST.

Payment of Fees

All cheques for fees should be made payable and sent to:

**Collector of Public Monies
C/-Plant Breeders Rights Office, IP Australia
GPO Box 200, Woden, ACT 2606**

The **application fee** (\$300) must accompany the application at the time of lodgement.

Consequences of not paying fees when due

Application fee

Should an application not be accompanied by the prescribed application fee the application will be deemed to be 'non-valid' and neither assigned an application number nor examined for acceptance pending the payment of the fee.

Examination fee

Non-payment of the examination fee of an application will automatically result, at the end of 12 months from the date of acceptance, in a refusal of the application. The consequences of refusal are the same as for applications deemed to be inactive (see 'inactive applications' below).

Consideration of a request for an extension of the period of provisional protection from the initial 12-month period may require the prior payment of the examination fee.

Certificate fee

Following the successful completion of the examination, including the public notice period, the applicant will be required and invoiced to pay the certification fee. Payment of the certification fee is a prerequisite to granting PBR and issuing the official certificate by the PBR office. Failure to pay the fee may result in a refusal to grant PBR.

Annual fee

Should an annual renewal fee not be paid within 30 days after the due date, the grant of PBR will be revoked under Section 50 of the PBR Act. To assist grantees, the PBR office will invoice grantees or their Australian agents for renewal fees.

Inactive applications

An application will be deemed inactive if, after 24 months of provisional protection (or 12 months in the case of non-payment of the examination fee) the PBR Office has not received a completed application or has not been advised to proceed with the examination or an extension of provisional protection has not been requested or not granted or a certificate fee has not been paid. Inactive applications will be examined and, should they not fully comply with Section 44 of the PBR Act 1994, they will be refused. As a result provisional protection will lapse, priority claims on that variety will be lost and should the variety have been sold, it will be ineligible for plant breeders rights on reapplication. Continued use of labels or any other means to falsely imply that a variety is protected after the application has been refused is an offence under Section 75 of the Act.

Fees

Basic Fees

	Schedule			
	A	B	C	D
	\$			
Application	300	300	400	300
Examination - per application	1400	1200	1400	800
Certificate	300	300	250	300
Total Basic Fees	2000	1800	2050	1400
Annual Renewal - all applications	300			

Schedule

A Single applications and applications based on an official overseas test reports.

B Applicable when two or more Part 2 Applications are lodged simultaneously and the varieties are of the same genus and the examinations can be completed at one location at the same time.

C Applications lodged under PVR (prior to 10th Nov 1994)

D Applicable to 5 or more applications examined at an Accredited Centralised Testing Centre

Other Fees

Variation to application(s) - per hour or part thereof	75
Change of Assignment - per application	100
Copy of an application (Part1 and/or Part2) , an objection or a detailed description	50
Copy of an entry in the Register	50
Lodging an objection	100
Annual subscription to Plant Varieties Journal	40
Back issues of Plant Varieties Journal	14
Administration - Other work relevant to PBR - per hour or part thereof	75
Application for declaration of essential derivation	800
Application for	

(a) revocation of a PBR	500
(b) revocation of a declaration of essential derivation	500
Compulsory licence	500
Request under subsection 19(11) for exemption from public access - varieties with no direct use as a consumer product.	100

Plant Breeders Rights Advisory Committee (PBRAC)

Members of the [PBRAC](#) hold office in accordance with Section 85 of the *Plant Breeder's Rights Act 1994*.

Comments on the technical operation of, or amendments to, the *Plant Breeder's Rights Act 1994*, particularly applications under section 17(2), should be directed through the Chairman.

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	Richards, Graeme
Almonds	Granger, Andrew Swinburn, Garth
Apple	Cramond, Gregory Darmody, Liz Engel, Richard Fleming, Graham Langford, Garry Mackay, Alastair Maddox, Zoe Malone, Michael Mitchell, Leslie Portman, Anthony Robinson, Ben Scholefield, Peter Stearne, Peter Tancred, Stephen Valentine, Bruce
Anigozanthos	Paananen, Ian Kirby, Greg Smith, Daniel
Aroid	Harrison, Peter

Avocado	Owen-Turner, John Swinburn, Garth Whiley, Tony
Azalea	Barrett, Mike Hempel, Maciej Paananen, Ian
Barley (Common)	Brouwer, Jan Collins, David Khan, Akram Platz, Greg
Berry Fruit	Darmody, Liz Fleming, Graham Greer, Neil Maddox, Zoe Robinson, Ben Scholefield, Peter
Bougainvillea	Iredell, Janet Willa Prince, John
Brassica	Aberdeen, Ian Chequer, Robert Easton, Andrew Fennell, John Gororo, Nelson Kadkol, Gururaj Laker, Richard Light, Kate McMichael, Prue Robinson, Ben Rudolph, Paul Sanders, Milton Scholefield, Peter Mouwen, Heidi Zadow, Diane
Buddleia	Robb, John Paananen, Ian
Camellia	Paananen, Ian Robb, John

Cereals

Brouwer, Jan
Bullen, Kenneth
Collins, David
Cook, Bruce
Derera, Nicholas AM
Downes, Ross
Fennell, John
Hare, Raymond
Harrison, Peter
Henry, Robert J
Khan, Akram
Law, Mary Ann
Mitchell, Leslie
Moore, Stephen
Oates, John
Platz, Greg
Porter, Richard
Poulsen, David
Roake, Jeremy
Rose, John
Scattini, Walter John
Siedel, John
Stearne, Peter
Wilson, Frances

Cherry

Cramond, Gregory
Darmody, Liz
Fleming, Graham
Granger, Andrew
Mackay, Alastair
Maddox, Zoe
Mitchell, Leslie
Pumpa, Lucy
Robinson, Ben
Scholefield, Peter

Chickpeas

Brouwer, Jan
Collins, David
Goulden, David

Citrus

Calabria, Patrick
Fox, Primrose
Lee, Slade
Maddox, Zoe
Mitchell, Leslie
Owen-Turner, John
Parr, Wayne
Robinson, Ben
Scholefield, Peter
Swinburn, Garth
Sykes, Stephen
Topp, Bruce

Clivia

Smith, Kenneth

Clover	Lake, Andrew Miller, Jeff Mitchell, Leslie Nichols, Phillip Porter, Richard
Conifer	Stearne, Peter
Cotton	Derera, Nicholas AM Khan, Akram Leske, Richard
Cucurbits	Herrington, Mark McMichael, Prue Robinson, Ben Scholefield, Peter Sykes, Stephen
Dogwood	Darmody, Liz Fleming, Graham Maddox, Zoe Stearne, Peter
Feijoa	Robinson, Ben Scholefield, Peter
Fibre Crops	Khan, Akram
Fig	Darmody, Liz Fleming, Graham Maddox, Zoe
Flower Bulbs	Verdegaal, John
Forage Brassicas	Goulden, David
Forage Grasses	Fennell, John Harrison, Peter Kirby, Greg Mitchell, Leslie Smith, Kevin
Forage Legumes	Fennell, John Foster, Kevin Harrison, Peter Hill, Jeff Lake, Andrew Miller, Jeff Porter, Richard Siedel, John

Fruit	Cramond, Gregory Darmody, Liz Fleming, Graham Granger, Andrew Kennedy, Peter Lenoir, Roland Maddox, Zoe McCarthy, Alec Mitchell, Leslie Portman, Sian Pumpa, Lucy Robinson, Ben Scholefield, Peter
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Ginger	Whiley, Tony
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Grapes	Biggs, Eric Darmody, Liz Fleming, Graham Lee, Slade Maddox, Zoe Mitchell, Leslie Porter, Richard Pumpa, Lucy Robinson, Ben Scholefield, Peter Smith, Daniel Stearne, Peter Swinburn, Garth Sykes, Stephen
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Grevillea	Herrington, Mark
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Hydrangea	Hanger, Brian Maddox, Zoe
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Impatiens	Paananen, Ian
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Jojoba	Dunstone, Bob
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Legumes	Aberdeen, Ian Collins, David Cook, Bruce Cruickshank, Alan Downes, Ross Foster, Kevin Harrison, Peter Imrie, Bruce Kirby, Greg Khan, Akram Knights, Edmund Lake, Andrew Law, Mary Ann Loch, Don Mitchell, Leslie Nutt, Bradley Rose, John Siedel, John
Lentils	Brouwer, Jan Collins, David Goulden, David Khan, Akram Porter, Richard
Lucerne	Lake, Andrew Mitchell, Leslie Nichols, Phillip Porter, Richard
Lupin	Collins, David Sanders, Milton
Magnolia	Paananen, Ian
Mango	Owen-Turner, John Mitchell, Leslie Whiley, Tony
Myrtaceae	Dunstone, Bob
Native grasses	Paananen, Ian Quinn, Patrick
Oat	Collins, David Khan, Akram Platz, Greg
Oilseed crops	Downes, Ross Poulsen, David Siedel, John
Olives	Bazzani, Mr Luigi Granger, Andrew

Onions

Fennell, John
Khan, Akram
Laker, Richard
McMichael, Prue
Robinson, Ben
Scholefield, Peter

Ornamentals - Exotic

Abell, Peter
Armitage, Paul
Angus, Tim
Barth, Gail
Collins, Ian
Cunneen, Thomas
Dalglish, Ian
Darmody, Liz
Dawson, Iain
Derera, Nicholas AM
Eggleton, Steve
Ellison, Don
Fisk, Anne Marie
Fleming, Graham
Guy, Gareme
Harrison, Peter
Hempel, Maciej
Johnston, Margaret
Khan, Akram
Kulkarni, Vinod
Lamont, Greg
Larkman, Clive
Lenoir, Roland
Lowe, Greg
Lunghusen, Mark
Maddox, Zoe
Marcsik, Doris
McMichael, Prue
Milne, Carolynn
Mitchell, Hamish
Mitchell, Leslie
Nichols, David
Oates, John
O'Brien, Shaun
Paananen, Ian
Prescott, Chris
Prince, John
Robb, John
Pumpa, Lucy
Robinson, Ben
Scholefield, Peter
Singh, Deo
Smith, Daniel
Stearne, Peter
Stewart, Angus
Van der Staay,
Rosemaree Anne
Watkins, Phillip

Ornamentals - Indigenous

Abell, Peter
Allen, Paul
Angus, Tim
Barrett, Mike
Barth, Gail
Cunneen, Thomas
Dawson, Iain
Derera, Nicholas AM
Downes, Ross
Ellison, Don
Eggleton, Steve
Granger, Andrew
Harrison, Peter
Henry, Robert J
Hockings, David
Jack, Brian
Johnston, Margaret
Kirby, Greg
Khan, Akram
Lenoir, Roland
Lowe, Greg
Lullfitz, Robert
Lunghusen, Mark
McMichael, Prue
Milne, Carolynn
Mitchell, Hamish
Molyneux, W M
Nichols, David
Oates, John
O'Brien, Shaun
Paananen, Ian
Prince, John
Pumpa, Lucy
Robinson, Ben
Scholefield, Peter
Singh, Deo
Slater, Tony
Smith, Daniel
Stearne, Peter
Tan, Beng
Watkins, Phillip

Ornithopus

Foster, Kevin
Nichols, Phillip
Nutt, Bradley

Osmanthus

Paananen, Ian
Robb, John

Pastures & Turf

Aberdeen, Ian
Anderson, Malcolm
Avery, Angela
Cameron, Stephen
Cook, Bruce
Downes, Ross
Harrison, Peter
Kirby, Greg
Loch, Don
Miller, Jeff
Mitchell, Leslie
Neylan, John
Porter, Richard
Rose, John
Smith, Raymond
Scattini, Walter John
Smith, Kevin
Wilkes, Gregory
Wilson, Frances

Peanut

Cruickshank, Alan
George, Doug

Pear

Cramond, Gregory
Darmody, Liz
Engel, Richard
Fleming, Graham
Langford, Garry
Mackay, Alastair
Maddox, Zoe
Malone, Michael
Portman, Anthony
Robinson, Ben
Scholefield, Peter
Tancred, Stephen
Valentine, Bruce

Persimmon

Swinburn, Garth

Petunia

Paananen, Ian
Nichols, David

Photinia

Robb, John

Pistacia

Richardson, Clive
Sykes, Stephen

Pisum

Brouwer, Jan
Goulden, David
McMichael, Prue
Sanders, Milton

Potatoes

Fennell, John
Guertsen, Paul
McMichael, Prue
Pumpa, Lucy
Robinson, Ben
Scholefield, Peter
Slater, Tony
Smith, Daniel
Stearne, Peter
Wilson, Graeme

Proteaceae

Barth, Gail
Kirby, Neil
Robb, John
Robinson, Ben
Scholefield, Peter
Smith, Daniel

Prunus

Calabria, Patrick
Cramond, Gregory
Darmody, Liz
Engel, Richard
Fleming, Graham
Granger, Andrew
Kennedy, Peter
Mackay, Alastair
Maddox, Zoe
Malone, Michael
Portman, Anthony
Richards, Graeme
Topp, Bruce
Wilkes, Gregory
Witherspoon, Jennifer

Pulse Crops

Brouwer, Jan
Collins, David
Graetz, Darren
Oates, John
Porter, Richard
Poulsen, David

Raspberry

Darmody, Liz
Fleming, Graham
Herrington, Mark
Robinson, Ben
Scholefield, Peter

Rhododendron

Barrett, Mike
Paananen, Ian

Rose
Barrett, Mike
Darmody, Liz
Fleming, Graham
Fox, Primrose
Hanger, Brian
Lee, Peter
Maddox, Zoe
McKirby, Simon
Prescott, Chris
Pumpa, Lucy
Robinson, Ben
Scholefield, Peter
Smith, Daniel
Stearne, Peter
Swane, Geoff
Syrus, A Kim

Sesame
Bennett, Malcolm
Harrison, Peter
Imrie, Bruce

Sorghum
Khan, Akram

Soybean
Harrison, Peter
James, Andrew

Spices and Medicinal Plants
Derera, Nicholas AM
Khan, Akram

Stone Fruit
Barrett, Mike
Cramond, Gregory
Darmody, Liz
Fleming, Graham
Granger, Andrew
Kennedy, Peter
Mackay, Alistair
Maddox, Zoe
Malone, Michael
Robinson, Ben
Scholefield, Peter
Swinburn, Garth
Valentine, Bruce

Strawberry
Herrington, Mark
Mitchell, Leslie
Morrison, Bruce
Robinson, Ben
Scholefield, Peter

Sugarcane
Cox, Mike
Piperidis, George

Sunflower
George, Doug

Tomato	Herrington, Mark Khan, Akram Laker, Richard McMichael, Prue Robinson, Ben Scholefield, Peter Smith, Daniel
Tree Crops	McRae, Tony
Triticale	Collins, David
Tropical/Sub-Tropical Crops	Harrison, Peter Kulkarni, Vinod Robinson, Ben Scholefield, Peter Whiley, Tony
Umbrella Tree	Paananen, Ian
Vegetables	Derera, Nicholas AM Fennell, John Frkovic, Edward Harrison, Peter Khan, Akram Laker, Richard Lenoir, Roland McMichael, Prue Oates, John Pearson, Craig Pumpa, Lucy Robinson, Ben Scholefield, Peter Smith, Daniel Westra Van Holthe, Jan
Verbena	Paananen, Ian
Walnut	Mitchell, Leslie
Wheat (Aestivum & Durum Groups)	Brouwer, Jan Collins, David Khan, Akram Platz, Greg Sanders, Milton

TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
Abell, Peter	0438 392 837 mobile	Australia
Aberdeen, Ian	03 5782 1029 03 5782 2073 fax	SE Australia
Allen, Paul	07 3824 0263 ph/fax	SE QLD, Northern NSW
Anderson, Malcolm	03 5573 0900 03 5571 1523 fax 017 870 252 mobile	Victoria
Angus, Tim	(64 4) 568 3878 ph/fax 001164211871076 mobile plantatim@zip.co.nz	Australia and New Zealand
Armitage, Paul	03 9756 7233 03 9756 6948 fax	Victoria
Avery, Angela	02 6030 4500 02 6030 4600 fax	South Eastern Australia
Barrett, Mike	02 9875 3087 02 9980 1662 fax 0407 062 494 mobile	NSW/ACT
Barth, Gail	08 8389 7479	SA and Victoria
Bazzani, Luigi	08 9772 1207 08 9772 1333 fax	Western Australia
Bennett, Malcolm	08 8973 9733 08 8973 9777 fax	NT, QLD, NSW, WA
Biggs, Eric	03 5023 2400 03 5023 3922 fax	Mildura Area
Brouwer, Jan	03 53846293 janbertb@wimmera.com.au	South Eastern Australia
Calabria, Patrick	02 6963 6360 0438 636 219 mobile	Riverina area of NSW
Chequer, Robert	03 5382 1269 0419 145 262 mobile	Victoria
Collins, David	08 9623 2343 ph/fax 0154 42694 mobile	Central Western Wheatbelt of Western Australia
Cox, Mike	07 4132 5200 07 4132 5253 fax	Queensland and NSW
Cramond, Gregory	08 8390 0299 08 8390 0033 fax 0417 842 558 mobile	Australia
Cruickshank, Alan	07 4160 0722 07 4162 3238 fax	QLD
Cunneen, Thomas	02 4889 8647 02 4889 8657 fax	Sydney Region
Dalgliesh, Ian	07 3344 5559 ph/fax 0419 792 663 mobile	South East Queensland
Darmody, Liz	03 9756 6105 03 9752 0005 fax	Australia
Dawson, Iain	02 6251 2293	ACT, South East NSW
Derera, Nicholas AM	02 9639 3072 02 9639 0345 fax 0414 639 307 mobile	Australia
Downes, Ross	02 6255 1461 ph 02 6278 4676 fax 0414 955258 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

Eggleton, Steve	03 9876 1097 03 9876 1696 fax	Melbourne Region
Ellison, Don Engel, Richard	07 5533 2955 08 9397 5941 08 9397 5941 fax	QLD and NSW WA
Fennell, John	03 5334 7871 03 5334 7892 fax 0419 881 887	Australia
Fleming, Graham	03 9756 6105 03 9752 0005 fax	Australia
Foster, Kevin	08 9368 3804 08 9474 2840 fax	Mediterranean areas of Australia
Frkovic, Edward	02 6962 7333 02 6964 1311 fax	Australia
George, Doug	07 5460 1308 07 5460 1112 fax	Australia
Gororo, Nelson	03 5382 5911 03 5382 5755 fax 0428 534 770 mobile	Mediterranean areas of Australia
Goulden, David	64 3 325 6400 64 3 325 2074 fax	New Zealand
Graetz, Darren	08 8303 9362 08 8303 9424 fax	South Australia
Granger, Andrew	08 8389 8809 08 8389 8899 fax	South Australia
Greer, Neil	07 5441 1118 07 5476 0098 fax 0418 881 755 mobile	Australia
Guertsen, Paul	02 6845 3789 02 6845 3382 fax 0407 658 105 mobile	NSW, VIC, SE QLD
Hanger, Brian	03 9837 5547 ph/fax 0418 598106 mobile	Victoria
Hare, Ray	02 6763 1232 02 6763 1222 fax	QLD, NSW VIC & SA
Harrison, Peter	08 8948 1894 ph 08 8948 3894 fax 0407 034 083 mobile	Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas
Hempel, Maciej	02 4628 0376 02 4625 2293 fax	NSW, QLD, VIC, SA
Henry, Robert J	02 6620 3010 02 6622 2080 fax	Australia
Herrington, Mark	07 5441 2211 07 5441 2235 fax	Southern Queensland
Hill, Jeff	08 8303 9487 08 8303 9607 fax	South Australia
Hockings, David Imrie, Bruce	07 5494 3385 ph/fax 02 4474 0951 02 4474 0952 imriesc@sci.net.au	Southern Queensland SE Australia
Iredell, Janet Willa Jack, Brian	07 3202 6351 ph/fax 08 9952 5040 08 9952 5053 fax	SE Queensland South West WA
James, Andrew	07 3214 2278 07 3214 2272 fax	Australia
Johnston, Margaret	07 5460 1240 07 5460 1455 fax	SE Queensland
Kadkol, Gururaj	03 5382 1269 03 5381 1210 fax	North Western Victoria

Kennedy, Peter	02 6382 7600 02 6382 2228 fax	New South Wales
Khan, Akram	02 9351 8821 02 9351 8875 fax	New South Wales
Kirby, Greg	08 8201 2176 08 8201 3015 fax	South Australia
Kirby, Neil	02 4754 2637 02 4754 2640 fax	New South Wales
Knights, Edmund	02 6763 1100 02 6763 1222 fax	North Western NSW
Kulkarni, Vinod	08 9992 2221 08 9992 2049 fax	Australia
Lake, Andrew	08 8177 0558 0418 818 798 mobile lake@arcom.com.au	SE Australia
Laker, Richard	08 87258987 08 8723 0142 fax 0417 855 592 mobile	Australia
Lamont, Greg	02 8778 5388 02 9734 9866 fax	Sydney region
Langford, Garry	03 6266 4344 03 6266 4023 fax 0418 312 910 mobile	Australia
Larkman, Clive	03 9735 3831 03 9739 6370 larkman@tpgi.com.au	Victoria
Law, Mary Ann	07 4637 9960 07 4637 9962 fax malaw@bigpond.com	Toowoomba region
Lee, Peter	03 6330 1147 03 6330 1927 fax	SE Australia
Lee, Slade	02 6620 3410 02 6622 2080 fax	Queensland/Northern New South Wales
Lenoir, Roland	02 6231 9063 ph/fax	Australia
Leske, Richard	07 4671 3136 07 4671 3113 fax	Cotton growing regions of QLD & NSW
Light, Kate	03 5362 2175 0419 145 768 mobile	Victoria
Loch, Don	07 3286 1488 07 3286 3094 fax	Queensland
Lowe, Greg	02 4389 8750 02 4389 4958 fax 0411 327390 mobile	Sydney, Central Coast NSW
Lullfitz, Robert	08 9447 6360	South West WA
Lunghusen, Mark	03 5998 2083 03 5998 2089fax 0407 050 133 mobile	Melbourne & environs
Mackay, Alastair	08 9310 5342 ph/fax 0159 87221 mobile	Western Australia
Maddox, Zoe	03 9756 6105 03 9752 0005 fax	Australia
Malone, Michael	+64 6 877 8196 +64 6 877 4761 fax	New Zealand
Marcsik, Doris	08 8999 2017 08 8999 2049	Northern Territory and Queensland
McCarthy, Alec	08 9780 6273 08 9780 6136 fax	South West WA
McKirby, Simon	042 163 8229 mobile	Australia

McMichael, Prue	08 8373 2488 08 8373 2442 fax	SE Australia
McRae, Tony	08 8723 0688 08 8723 0660 fax	Australia
Miller, Jeff	64 6 356 8019 extn 8027 64 3 351 8142 fax	Manawatu region, New Zealand
Milne,Carolynn Mitchell, Hamish	07 3206 3509 03 9737 9568 03 9737 9899 fax	QLD Victoria
Mitchell, Leslie	03 5821 2021 03 5831 1592 fax	VIC, Southern NSW
Molyneux, William	03 5965 2011 03 5965 2033 fax	Victoria
Moore, Stephen	02 6799 2230 02 6799 2239 fax	NSW
Morrison, Bruce	03 9210 9251 03 9800 3521 fax	East of Melbourne
Mouwen, Heidi	07 4690 2666 07 4630 1063	QLD, NSW
Neylan, John	03 9886 6200 0413 620 256 mobile	VIC, NSW, SA
Nichols, David	03 5977 4755 03 5977 4921 fax	SE Melbourne, Mornington Peninsula and Dandenong Ranges, Victoria
Nichols, Phillip	08 9387 7442 08 9383 9907 fax	Western Australia
Nutt, Bradley	08 9387 7423/ 08 9383 9907 fax	Western Australia
Oates, John	02 4473 8465	Sydney region, Eastern Australia
O'Brien, Shaun	07 5442 3055 07 5442 3044 fax 0407 584 417 mobile	SE Queensland
Owen-Turner, John	07 4129 5217 07 4129 5511 fax	Burnett region, Central Queensland region
Paananen, Ian	02 4381 0051 02 4381 0071 fax 0412 826 589 mobile	Sydney/Newcastle
Parr, Wayne	07 4129 4147 07 4129 4463 fax	QLD, Northern NSW
Piperidis, George	07 3331 3373 07 3871 0383 fax	QLD, Northern NSW
Platz, Greg	07 4639 8817 07 4639 8800 fax	QLD, Northern NSW
Porter, Richard	08 8431 5396 08 8431 5396 fax 0413 270 670 mobile	Adelaide region, South Australia
Portman, Anthony	08 9274 5355 08 9250 1859 fax	South-west Western Australia
Portman, Sian	08 9725 0660 0421 606 651 mobile	Western Australia
Poulsen, David	07 4661 2944 07 4661 5257 fax	SE QLD, Northern NSW
Prescott, Chris	03 5998 5100 03 5998 5333 0417 340 558 mobile	Victoria
Prince, John	07 5533 0211 07 5533 0488 fax	SE QLD

Pumpa, Lucy	08 8373 2488 08 8373 2422 fax 0400 041 881 mobile	South Australia
Quinn, Patrick Richards, Graeme	03 5427 0485 02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	SE Australia Australia
Richardson, Clive Roake, Jeremy	03 51550255 02 9351 8830 02 9351 8875 fax	Victoria Sydney Region
Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
Robinson, Ben	08 8373 2488 08 8373 2442 fax	SE Australia
Rose, John	07 4661 2944 07 4661 5257 fax	SE Queensland
Rudolph, Paul	03 5381 2168 03 5381 1210 fax 0438 083 840 mobile	Victoria
Sanders, Milton	08 9825 8087 08 9387 4388 fax 0427 031 951 mobile	Southern Australia: WA, Vic, NSW, SA
Scattini, Walter	07 3356 0863 ph/fax	Tropical and sub-tropical Australia
Scholefield, Peter	08 8373 2488 08 8373 2442 fax 018 082022 mobile	SE Australia
Seidel, John	02 6029 2381 0429 039 322 mobile	SE Australia
Singh, Deo	0418 880787 mobile 07 3207 5998 fax	Brisbane
Slater, Tony	03 9210 9222 03 9800 3521 fax 0408 656 021 mobile	SE Australia
Smith, Daniel	08 8373 2488 08 8373 2442 fax	South Australia
Smith, Kenneth Smith, Kevin	02 4570 9069 03 5573 0900 03 5571 1523 fax	Australia SE Australia
Smith, Stuart	03 6336 5234 03 6334 4961 fax	SE Australia
Stearne, Peter	02 9262 2611 02 9262 1080 fax	Sydney, ACT & NSW
Stewart, Angus	02 4385 9788ph/fax 0419 632 123 mobile	Sydney, Gosford
Swane, Geoff	02 6889 1545 02 6889 2533 fax 0419 841580 mobile	Central western NSW
Swinburn, Garth	03 5023 4644 03 5023 5814 fax	Murray Valley Region - from Swan Hill (Vic) to Waikere (SA)
Sykes, Stephen	03 5051 3100 03 5051 3111 fax	Victoria
Syrus, A Kim	03 8556 2555 03 8556 2955 fax	Adelaide
Tan, Beng	08 9266 7168 08 9266 2495	Perth & environs

Tancred, Stephen	07 4681 2931 07 4681 4274 fax 0157 62888 mobile	QLD, NSW
Topp, Bruce	07 4681 1255 07 4681 1769 fax	SE QLD, Northern NSW
Valentine, Bruce	02 6361 3919 02 6361 3573 fax	New South Wales
Van der Staay, Rosemaree Anne	03 6248 6863 03 6248 7402 fax	Tasmania
Verdegaal, John	03 6458 3581 03 6458 3581 fax	Australia and New Zealand
Watkins, Phillip	08 9525 1800 08 9525 1607 fax	Perth Region
Westra Van Holthe, Jan	03 9706 3033 03 9706 3182 fax	Australia
Whiley, Tony	07 5441 5441	QLD
Wilkes, Gregory	02 4570 1358 02 4570 1314 fax 0418 642 359 mobile	Sydney region
Wilson, Frances	64 3 318 8514 64 3 318 8549 fax	Canterbury, New Zealand
Wilson, Graeme	03 5957 1200 03 5957 1210 fax	SE Australia
Zadow, Diane	03 5382 1269 03 5381 1210 fax 0419 145 763 mobile	Victoria

Appendix 4 Index of Accredited Non-Consultant Qualified Persons

Name	Name
Ali, S	Lowe, Russell
Allen, Antony	Luckett, David
Baelde, Arie	Mack, Ian
Baker, Grant	Mann, Dorham
Bally, Ian	Mason, Lloyd
Barr, Andrew	Matthews, Michael
Bell, David	McCallum, Lesley
Bernuetz, Andrew	McDonald, David
Birmingham, Erika	McMaugh, Peter
Brennan, Paul	Mendham, Neville
Brewer, Lester	Menzies, Kim
Brindley, Tony	Miller, Kylie
Buchanan, Peter	Moody, David
Bunker, John	Mullins, Kathleen
Bunker, Kerry	Neilson, Peter
Burne, Peter	Newman, Allen
Burton, Wayne	Noone, Brian
Cameron, Nick	Norriss, Michael
Cant, Russell	Oakes, John
Chivers, Ian	Offord, Cathy
Clayton-Greene, Kevin	Paull, Jeff
Constable, Greg	Pearce, Bob
Cook, Esther	Potter, Trent
Craig, Andrew	Pressler, Craig
Craigie, Gail	Reeve, Christopher
Culvenor, Richard	Reid, Peter
Dawson, Iain	Reinke, Russell
Crowhurst, Max	Roberts, Sean
De Betue, Remco	Roche, Matthew
de Koning, Carolyn	Rose, Ian
Dear, Brian	Sanders, Milton
Delaporte, Kate	Sandral, Graeme
Done, Anthony	Sanewski, Garth
Donnelly, Peter	Schilg, Karl
Downe, Graeme	Schreuders, Harry
Dryden, Susan	Scott, Ralph
Eastwood, Russell	Siemon, Fran
Eglinton, Jason	Smith, Raymond
Eisemann, Robert	Smith, Malcolm
Elliott, Philip	Smith, Susan
Evans, Pedro	Snelling, Cath
Gibbons, Philip	Snowball, Richard
Granger, Andrew	Stiller, Warwick
Guerin, Jenny	Stuart, Peter
Gurciullo, Gaetano	Sutton, John
Harden, Patrick	Tonks, John
Hollamby, Gil	Trimboli, Daniel
Hoppo, Suzanne	Trigg, Pamela
Howie, Jake	Van der Spek, Folke

Hoxha, Adriana	Vater, Daniel
Hunt, Melissa	Vaughan, Peter
Hurst, Andrea	Venn, Neil
Irwin, John	Warner, Bradley
Janhsen, Joanne	Weatherly, Lilia
Jupp, Noel	Wei, Xianming
Kaehne, Ian	Whalley, RDB
Katellaris, Andrew	Williams, Rex
Kebblewhite, Tony	Williams, Thomas
Kempff, Stefan	Wilson, Stephen
Kennedy, Chris	Wilson, Rob
Knox, Graham	Winter, Bruce
Kobelt, Eric	Wirthensohn, Michelle
Lacey, Kevin	Wright, Gary
Leighton, A	Yan, Guijun
Leonforte, Antonio	Zeppa, Aldo
Lewin, Laurence	
Lewis, Hartley	
Loi, Angelo	

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](#)

List of [Addresses](#) of Plant Variety Protection Offices in UPOV Member States

Status of [Ratification](#) in UPOV Member States

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, tissue culture, molecular genetics and cytology	J Oates	30/6/97

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

NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt N Derera T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteaflorea Nursery Pty Ltd	Monbulk, VIC	<i>Plectranthus</i>	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	<i>Zingiber</i>	Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services	D Marcsik	30/9/04
Ball Australia	Keysborough, VIC	<i>Impatiens, Verbena</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	D. Nichols	30/9/04
Floreta Pty Ltd	Redland Bay QLD	<i>Bracteantha</i>	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevard Nurseries Mildura Pty Ltd	Irymple VIC	<i>Zantedeschia</i>	Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics, 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.	D. Nichols	30/9/05
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including bitech, propagation , outdoor facilities	I Bally	30/09/05

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Yates Botanical Pty Ltd	Somersby and Tuggerah, NSW	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen

Comments (both for or against) either the continued accreditation of a CTC or applications to become a CTC are invited. Written comments are confidential and should be addressed to:

The Registrar
Plant Breeder's Rights Office
IP Australia
PO Box 200
Woden, ACT 2606
Fax (02) 6283 7999

Closing date for comment 30 December 2005.

APPENDIX 7 - LIST OF CLASSES FOR VARIETY DENOMINATION PURPOSES¹

[Recommendation 9]

For the purposes of the fourth sentence of Article 13(2) of the Convention, all taxonomic units are considered closely related that belong to the same botanical genus or are contained in the same class in the list in Annex I to these Recommendations.]

Note: Classes which contain subdivisions of a genus may lead to the existence of a complementary class containing the other subdivisions of the genus concerned (example: Class 9 (*Vicia faba*) leads to the existence of another class containing the other species of the genus *Vicia*).*

Class 1: *Avena*, *Hordeum*, *Secale*, x*Triticosecale*, *Triticum*

Class 2: *Panicum*, *Setaria*

Class 3: *Sorghum*, *Zea*

Class 4: *Agrostis*, *Alopecurus*, *Arrhenatherum*, *Bromus*, *Cynosurus*, *Dactylis*, *Festuca*, *Lolium*, *Phalaris*, *Phleum*, *Poa*, *Trisetum*

Class 5: *Brassica oleracea*, *Brassica chinensis*, *Brassica pekinensis*

Class 6: *Brassica napus*, *B. campestris*, *B. rapa*, *B. juncea*, *B. nigra*, *Sinapis*

Class 7: *Lotus*, *Medicago*, *Ornithopus*, *Onobrychis*, *Trifolium*

Class 8: *Lupinus albus* L., *L. angustifolius* L., *L. luteus* L.

Class 9: *Vicia faba* L.

Class 10: *Beta vulgaris* L. var. *alba* DC., *Beta vulgaris* L. var. *altissima*

Class 11: *Beta vulgaris* ssp. *vulgaris* var. *conditiva* Alef. (syn.: *Beta vulgaris* L. var. *rubra* L.), *Beta vulgaris* L. var. *cicla* L., *Beta vulgaris* L. ssp. *vulgaris* var. *vulgaris*

Class 12: *Lactuca*, *Valerianella*, *Cichorium*

Class 13: *Cucumis sativus*

Class 14: *Citrullus*, *Cucumis melo*, *Cucurbita*

Class 15: *Anthriscus*, *Petroselinum*

Class 16: *Daucus*, *Pastinaca*

Class 17: *Anethum*, *Carum*, *Foeniculum*

Class 18: Bromeliaceae

Class 19: *Picea*, *Abies*, *Pseudotsuga*, *Pinus*, *Larix*

Class 20: *Calluna*, *Erica*

* The complementary classes have been added by the Office of the Union for the convenience of the reader and are given the numbers 28 to 35.

Class 21: Solanum tuberosum L.

Class 22: Nicotiana rustica L., N. tabacum L.

Class 23: Helianthus tuberosus

Class 24: Helianthus annuus

Class 25: Orchidaceae

Class 26: Epiphyllum, Rhipsalidopsis, Schlumbergera, Zygocactus

Class 27: Proteaceae

COMPLEMENTARY CLASSES

Class 28: Species of Brassica other than
(in Class 5 + 6) Brassica oleracea, Brassica chinensis, Brassica pekinensis + Brassica napus, B. campestris, B. rapa, B. juncea, B. nigra, Sinapis

Class 29: Species of Lupinus other than
(in Class 8) Lupinus albus L., L. angustifolius L., L. luteus L.

Class 30: Species of Vicia other than
(in Class 9) Vicia faba L.

Class 31: Species of Beta + subdivisions of the species Beta vulgaris other than
(in Class 10 +11) Beta vulgaris L. var. alba DC., Beta vulgaris L. var. altissima + Beta vulgaris ssp. vulgaris var. conditiva Alef. (syn.: Beta vulgaris L. var. rubra L.), Beta vulgaris L. var. cicla L., Beta vulgaris L. ssp. vulgaris var. vulgaris

Class 32: Species of Cucumis other than
(in Class 13 + 14) Cucumis sativus + Citrullus, Cucumis melo, Cucurbita

Class 33: Species of Solanum other than
(in Class 21) Solanum tuberosum L.

Class 34: Species of Nicotiana other than
(in Class 22) Nicotiana rustica L., N. tabacum L.

Class 35: Species of Helianthus other than
(in Class 23 + 24) Helianthus tuberosus + Helianthus annuus

¹From UPOV RECOMMENDATIONS ON VARIETY DENOMINATIONS, Adopted by The Council of UPOV on October 16, 1987, and amended on October 25, 1991

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

These Registers are kept in the Library of PBR Office in Canberra

Phone 1300 65 10 10

* 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://www.daff.gov.au/content/pbr_database/search.cfm

Plant Varieties Journal Mailing List

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