



Plant Varieties Journal

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Quarter Two 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 2)*** are listed below:

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Interactive Variety Description System (IVDS)

For preparing the detailed description, the Plant Breeder's Rights Office (PBRO) has released the Interactive Variety Description System (IVDS) in the Internet (https://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 with minimum hustle. 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.

As a transitional arrangement, the editorial committee has accepted some descriptions in the old format for this current issue (PVJ 18.2). **Please note that after 1 July 2005, the variety descriptions will only be accepted in the IVDS format and the old format descriptions will be returned to the QPs.**

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.

Comments on Applications

The PBRO accepts comments on applications. However, the scheme is managed on normal risk management lines and with an emphasis on the requirement that challengers with a commercial interest must demonstrate conclusively that an application should not be granted.

All written comment will be acknowledged. The PBRO is under no obligation to enter into further communication regarding comments. If an application does not proceed to a grant it will be notified in this journal.

Report on Breeding Issues

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

Use of Overseas Data

Overseas Testing/Data

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

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

Taxa that must be trialled in Australia

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

Solanum tuberosum Potato

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

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

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

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

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

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

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

PBR Infringement

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

On-line Database for PBR Varieties

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

Cumulative Index to Plant Varieties Journal

The cumulative index to the ***Plant Varieties Journal*** has been updated to include variety information from all hardcopy versions 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 use of 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.

UPOV Developments

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 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:

Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, European Community (as of July 29, 2005), 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/en/publications/tg-rom/index.html>

CPVO Developments

On 29 July 2005, European Community (EC) became the first intergovernmental organisation to join the UPOV. The details are published under UPOV developments.

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The Community Plant Variety Office (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.

Instructions to Qualified Persons

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

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As a transitional arrangement, the editorial committee has accepted some descriptions in the old format for this current issue (PVJ 18.2). **Please note that after 1 July 2005, the variety descriptions will only be accepted in the IVDS format and the old format descriptions will be returned to the QPs.**

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

Important Notice

Interactive Variety Description System (IVDS) goes live in the Internet

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Current PBR Forms

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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 2001 and therefore this form gets a designation of Form P1 (9/01). 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 2)** are listed below:

[Acceptances](#)

[Variety Descriptions](#)

[Grants](#)

[Denomination Changed](#)

[Change of Owner and Agent](#)

[Applications Withdrawn](#)

[Grants Surrendered](#)

[Corrigenda](#)

ACCEPTANCES

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

Actinidia arguta

ARGUTA

‘Hortgem Rua’

Application No: 2005/023 Accepted: 22 April, 2005

Applicant: **The Horticulture and Food Research Institute of New Zealand Limited.**

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

Angelonia angustifolia

ANGELONIA, GRANNY'S BONNET

‘Balangbawi’

Application No: 2005/153 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balanglast’

Application No: 2005/152 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Angelonia hybrid

ANGELONIA

‘Anstern’

Application No: 2005/103 Accepted: 31 May, 2005

Applicant: **Elsner pac Jungpflanzen.**

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

Anigozanthos hybrid

KANGAROO PAW

‘Amber Velvet’

Application No: 2005/047 Accepted: 29 April, 2005

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

‘Gold Velvet’

Application No: 2005/048 Accepted: 29 April, 2005

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

Arachis hypogaea

PEANUT, GROUND NUT

‘Watson’

Application No: 2005/009 Accepted: 22 April, 2005

Applicant: **North Carolina State University**.

Agent: **Peanut Company of Australia Limited**, Kingaroy, QLD.

Arctotis hybrid

AFRICAN DAISY

‘Mandarin Posy’

Application No: 2005/166 Accepted: 9 June, 2005

Applicant: **Plant Growers Australia Pty Ltd**.

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Silverdust Dawn’

Application No: 2005/173 Accepted: 9 June, 2005

Applicant: **Plant Growers Australia Pty Ltd**.

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Silverdust Sunset’

Application No: 2005/164 Accepted: 9 June, 2005

Applicant: **Plant Growers Australia Pty Ltd**.

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Silverdust Sunshine’

Application No: 2005/165 Accepted: 9 June, 2005

Applicant: **Plant Growers Australia Pty Ltd**.

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

Blandfordia grandiflora

CHRISTMAS BELLS

‘Sunbelle Majestic’

Application No: 2005/076 Accepted: 19 May, 2005

Applicant: **Florence Treverrow**, Goolmangar, NSW.

‘Sunbelle Sensation’

Application No: 2005/077 Accepted: 19 May, 2005
Applicant: **Florence Treverrow**, Goolmangar, NSW.

Bougainvillea hybrid

BOUGAINVILLEA

‘Summer’

Application No: 2005/092 Accepted: 14 May, 2005
Applicant: **Mr John Prince and Mr Aaron Ziebell**.
Agent: **Colourstream Group Inc**, Doolandella, QLD.

‘Zinnibar’

Application No: 2004/228 Accepted: 22 April, 2005
Applicant: **Mr John Prince & Mr Aaron Ziebell**, Currumbin Valley, QLD.

Brassica napus

CANOLA

‘AGT346’

Application No: 2005/163 Accepted: 9 June, 2005
Applicant: **Ag-Seed Research Pty Ltd**, Horsham, VIC.

Calathea rosea-picta

CALATHEA

‘Dottie’

Application No: 2005/159 Accepted: 29 June, 2005
Applicant: **Twyford International Inc.**
Agent: **Jackson's Nursery**, The Gap, Brisbane, QLD.

Calibrachoa hybrid

CALIBRACHOA

‘Balcabapt’

Application No: 2005/148 Accepted: 9 June, 2005
Applicant: **Ball Horticultural Company**.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcabcher’

Application No: 2005/143 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcabpink’

Application No: 2005/146 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcabpurp’

Application No: 2005/142 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcabred’

Application No: 2005/147 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcabrose’

Application No: 2005/145 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balcabwite’

Application No: 2005/144 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Camellia hybrid

CAMELLIA

‘Jur01’

Application No: 2005/091 Accepted: 2 May, 2005

Applicant: **Mark C Jury.**

Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Camellia sasanqua

CAMELLIA

‘PARJES’

Application No: 2005/087 Accepted: 31 May, 2005

Applicant: **The Paradise Seed Company Pty Ltd.**

Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

‘PARPIX’

Application No: 2005/090 Accepted: 31 May, 2005

Applicant: **The Paradise Seed Company Pty Ltd.**

Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

Canna hybrid

CANNA

‘MACtro’

Application No: 2005/134 Accepted: 9 June, 2005

Applicant: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Cicer arietinum

CHICKPEA

‘FLIP97 503CL’

Application No: 2005/083 Accepted: 17 June, 2005

Applicant: **The University of Western Australia, State of Western Australia through its Department of Agriculture, Council of Grain Growers Organisation, Grains Research and Development Corporation.**

Agent: **The University of Western Australia**, Crawley, WA.

‘FLIP97 530CL’

Application No: 2005/084 Accepted: 17 June, 2005

Applicant: **The University of Western Australia, State of Western Australia through its Department of Agriculture, Council of Grain Growers Organisation, Grains Research and Development Corporation.**

Agent: **The University of Western Australia**, Crawley, WA.

‘Flipper’

Application No: 2004/334 Accepted: 22 April, 2005

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

‘Kyabra’ syn 9437-3005

Application No: 2004/339 Accepted: 31 May, 2005

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

‘Yorker’

Application No: 2004/333 Accepted: 22 April, 2005

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

Citrus limon

LEMON

‘Eureka SL’

Application No: 2005/060 Accepted: 22 April, 2005

Applicant: **Director, ARC - Institute for Tropical and Sub-Tropical Crops (ITSC)**.

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

Citrus sinensis

SWEET ORANGE

‘Cambria’

Application No: 2005/032 Accepted: 7 May, 2005

Applicant: **Stargrow Cultivar Development Pty Ltd**.

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

‘M7’

Application No: 2005/185 Accepted: 29 June, 2005

Applicant: **Chislett Developments Pty Ltd**, Piangil, VIC.

Coprosma hybrid

MIRROR BUSH

‘Fire Burst’

Application No: 2005/073 Accepted: 14 June, 2005

Applicant: **Richard Graeme Ware**.

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

Cordyline australis

CORDYLINE, CABBAGE TREE

‘Jel01’

Application No: 2005/063 Accepted: 21 April, 2005

Applicant: **Geoff Jewell**.

Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Cordyline fruticosa

CORDYLINE, TI PLANT, CABBAGE TREE

‘BRA01’

Application No: 2004/133 Accepted: 22 April, 2005

Applicant: **Peter Brauns**.

Agent: **Anthony Tesselaar Plants Pty Ltd**, Silvan, VIC.

Euphorbia milii

CROWN OF THORNS

‘Taki Pink’

Application No: 2005/188 Accepted: 17 June, 2005

Applicant: **Mark & Savitree Sawtell**, East Coraki, NSW.

Euphorbia pulcherrima

POINSETTIA

‘Eckadire’ syn Prestige Red

Application No: 2005/035 Accepted: 19 April, 2005

Applicant: **Paul Ecke Ranch, Inc.**

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

‘Eckadrian’ syn Freedom Salmon

Application No: 2005/036 Accepted: 19 April, 2005

Applicant: **Paul Ecke Ranch, Inc.**

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

‘Eckansley’ syn Holly Point

Application No: 2005/034 Accepted: 22 April, 2005

Applicant: **Paul Ecke Ranch, Inc.**

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

Fragaria xananassa

STRAWBERRY

‘Albion’

Application No: 2004/332 Accepted: 22 April, 2005

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

Agent: **Agrisearch Services Pty Ltd**, Shepparton, VIC.

Glycine max

SOYBEAN

‘Snowy’

Application No: 2005/057 Accepted: 10 June, 2005

Applicant: **Commonwealth Scientific and Industrial Research Organisation**, St Lucia, QLD.

‘Stuart’

Application No: 2005/056 Accepted: 18 April, 2005

Applicant: **Commonwealth Scientific and Industrial Research Organisation**, St Lucia, QLD.

Grevillea hybrid

GREVILLEA

‘Callums Gold’

Application No: 2005/182 Accepted: 29 June, 2005

Applicant: **James Walter Carter and Elva Lorraine Carter trading as Carters Tubes**, Burpengary, QLD.

‘Goliath’

Application No: 2005/181 Accepted: 29 June, 2005

Applicant: **James Walter Carter and Elva Lorraine Carter trading as Carters Tubes**, Burpengary, QLD.

‘RF05’

Application No: 2005/046 Accepted: 21 April, 2005

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

‘Strawberry Mousse’

Application No: 2005/183 Accepted: 29 June, 2005

Applicant: **James Walter Carter and Elva Lorraine Carter trading as Carters Tubes**, Burpengary, QLD.

Hedysarum coronarium

SULLA

‘Moonbi’

Application No: 2005/071 Accepted: 7 May, 2005

Applicant: **Grains Research & Development Corporation, Australian Wool Innovation Ltd and Minister for Agriculture, Food and Fisheries, Rosedale, SA.**

‘Wilpena’

Application No: 2005/070 Accepted: 7 May, 2005

Applicant: **Grains Research & Development Corporation, Australian Wool Innovation Ltd and Minister for Agriculture, Food and Fisheries, Rosedale, SA.**

Impatiens walleriana

BUSY LIZZIE

‘Balolepurp’

Application No: 2005/154 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd, Dandenong South, VIC.**

‘Balpixdople’

Application No: 2005/155 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd, Dandenong South, VIC.**

Lactuca sativa

LETTUCE

‘Cartagenas’

Application No: 2005/162 Accepted: 9 June, 2005

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV.**

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

‘Lorenzo’

Application No: 2005/043 Accepted: 4 May, 2005

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV.**

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

‘Sirmai’

Application No: 2005/044 Accepted: 4 May, 2005

Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV.**
 Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

‘Virgile’

Application No: 2005/184 Accepted: 17 June, 2005
 Applicant: **Rijk Zwaan Zaadteelt en Zaadhandel BV.**
 Agent: **Rijk Zwaan Australia Pty Ltd**, Daylesford, VIC.

Lavandula stoechas

ITALIAN LAVENDER

‘Blueberry Ruffles’

Application No: 2005/170 Accepted: 9 June, 2005
 Applicant: **Plant Growers Australia Pty Ltd.**
 Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Boysenberry Ruffles’

Application No: 2005/168 Accepted: 9 June, 2005
 Applicant: **Plant Growers Australia Pty Ltd.**
 Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Mulberry Ruffles’

Application No: 2005/169 Accepted: 9 June, 2005
 Applicant: **Plant Growers Australia Pty Ltd.**
 Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Raspberry Ruffles’

Application No: 2005/171 Accepted: 9 June, 2005
 Applicant: **Plant Growers Australia Pty Ltd.**
 Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Salvation’

Application No: 2005/187 Accepted: 17 June, 2005
 Applicant: **Plant Growers Australia Pty Ltd.**
 Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Sugarberry Ruffles’

Application No: 2005/167 Accepted: 9 June, 2005
 Applicant: **Plant Growers Australia Pty Ltd.**
 Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Violet Lace’

Application No: 2005/125 Accepted: 9 June, 2005

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Winter Lace’

Application No: 2005/124 Accepted: 9 June, 2005

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘With Love’

Application No: 2005/085 Accepted: 22 April, 2005

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

Lilium hybrid

LILY

‘Montezuma’

Application No: 2004/147 Accepted: 29 April, 2005

Applicant: **Vletter & Den Haan Beheer B.V.**

Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

Lolium boucheanum

HYBRID RYEGRASS

‘DLH’

Application No: 2005/114 Accepted: 29 June, 2005

Applicant: **Wrightson Seeds Limited.**

Agent: **Wrightson Seeds (Australia) Pty Ltd**, Laverton, VIC.

‘Maverick GII’

Application No: 2005/113 Accepted: 29 June, 2005

Applicant: **Wrightson Seeds Limited.**

Agent: **Wrightson Seeds (Australia) Pty Ltd**, Laverton, VIC.

Lolium multiflorum

ITALIAN RYEGRASS

‘WSR II’

Application No: 2005/115 Accepted: 29 June, 2005

Applicant: **Wrightson Seeds Limited.**
 Agent: **Wrightson Seeds (Australia) Pty Ltd**, Laverton, VIC.

Lomandra longifolia

SPINY HEADED MAT RUSH

‘LMV100’

Application No: 2005/180 Accepted: 29 June, 2005
 Applicant: **Ozbreed Pty Ltd**, Richmond, NSW.

Lupinus albus

WHITE LUPIN

‘Luxor’

Application No: 2005/074 Accepted: 31 May, 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

‘SuperGenesis’ syn Super Genesis

Application No: 2005/039 Accepted: 22 April, 2005
 Applicant: **Department of Primary Industries for and on behalf of The State of New South Wales and Grains Research and Development Corporation.**
 Agent: **Seed Technology and Marketing Pty Ltd**, Hilton, SA.

‘SuperVenus’ syn Super Venus

Application No: 2005/038 Accepted: 22 April, 2005
 Applicant: **Department of Primary Industries for and on behalf of The State of New South Wales and Grains Research and Development Corporation.**
 Agent: **Seed Technology and Marketing Pty Ltd**, Hilton, SA.

Melaleuca linariifolia

PAPERBARK

‘Little Red’

Application No: 2005/111 Accepted: 17 June, 2005
 Applicant: **Unique Plants.**
 Agent: **Aussie Winners Pty Ltd**, Redland Bay, QLD.

Michelia yunnanensis

MICHELIA

‘PARSTAR’

Application No: 2005/088 Accepted: 31 May, 2005

Applicant: **The Paradise Seed Company Pty Ltd.**

Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

Nemesia foetans

NEMESIA

‘Balaroyal’

Application No: 2005/151 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Nemesia hybrid

NEMESIA

‘Confetti Frosted Pink’

Application No: 2005/172 Accepted: 9 June, 2005

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

Osteospermum ecklonis

CAPE DAISY

‘Balserlabli’

Application No: 2005/139 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balserpurp’

Application No: 2005/136 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balserwhit’

Application No: 2005/138 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**
 Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balserpink’

Application No: 2005/141 Accepted: 9 June, 2005
 Applicant: **Ball Horticultural Company.**
 Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Osteospermum hybrid

CAPE DAISY

‘Balserlav’

Application No: 2005/140 Accepted: 9 June, 2005
 Applicant: **Fa. Wilhelm Schmuelling.**
 Agent: **Ball Australia Pty Ltd**, Keysborough, VIC.

‘Balserlilav’

Application No: 2005/135 Accepted: 9 June, 2005
 Applicant: **Ball Horticultural Company.**
 Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balserwibli’

Application No: 2005/137 Accepted: 9 June, 2005
 Applicant: **Fa. Wilhelm Schmuelling.**
 Agent: **Ball Australia Pty Ltd**, Keysborough, VIC.

Philotheca myoporoides

LONG LEAVED WAXFLOWER, ERIOSTEMON

‘Bournda Gold’

Application No: 2005/072 Accepted: 14 June, 2005
 Applicant: **Lystare Pty Ltd trading as Bournda Plants.**
 Agent: **Greenhills Propagation Nursery Pty Ltd**, Tynong, VIC.

Phormium tenax

NEW ZEALAND FLAX

‘Veneer’

Application No: 2005/045 Accepted: 29 April, 2005
 Applicant: **George Grant**, Somerville, VIC.

Pittosporum tenuifolium

PITTOSPORUM, KOHUHU

‘Screen Between’

Application No: 2005/062 Accepted: 22 April, 2005

Applicant: **Hayden & Jeanette Heyme.**

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

Polyspora yunnanensis

GORDONIA

‘Moonlight Magic’

Application No: 2005/089 Accepted: 31 May, 2005

Applicant: **The Paradise Seed Company Pty Ltd.**

Agent: **R J Cherry Holdings Pty Ltd**, Kulnura, NSW.

Prunus armeniaca

APRICOT

‘River Ruby’

Application No: 2005/029 Accepted: 19 April, 2005

Applicant: **Minister for Agriculture, Food and Fisheries**, Adelaide, SA.

‘Riverbrite’

Application No: 2005/028 Accepted: 19 April, 2005

Applicant: **Minister for Agriculture, Food and Fisheries**, Adelaide, SA.

‘Rivergold’

Application No: 2005/030 Accepted: 19 April, 2005

Applicant: **Minister for Agriculture, Food and Fisheries**, Adelaide, SA.

Prunus avium

SWEET CHERRY

‘Cadet’

Application No: 2005/110 Accepted: 29 June, 2005

Applicant: **Bertram Family Trust.**

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

‘Sandra Rose’

Application No: 2004/248 Accepted: 25 May, 2005

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

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

Prunus persica

PEACH

‘Darley’

Application No: 2004/303 Accepted: 10 June, 2005

Applicant: **Giant Fruits Pty Ltd**, Stanthorpe, QLD.

Prunus salicina x *Prunus avium*

PLUM x CHERRY INTERSPECIFIC HYBRID

‘Nadia’

Application No: 2005/095 Accepted: 22 April, 2005

Applicant: **Mr Joseph Rullo.**

Agent: **Australian Nurserymen's Fruit Improvement Co Ltd**, Bathurst, NSW.

Rosa hybrid

ROSE

‘Ausintense’

Application No: 2005/102 Accepted: 25 May, 2005

Applicant: **David Austin Roses Ltd.**

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

‘Interhiety’

Application No: 2005/178 Accepted: 9 June, 2005

Applicant: **Interplant B.V..**

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

‘JACideso’ syn Simply Marvelous

Application No: 2005/059 Accepted: 18 April, 2005

Applicant: **Jackson & Perkins Wholesale, Inc..**

Agent: **Swanes Nurseries Australia Pty Ltd**, Narromine, NSW.

‘Korgrasotra’

Application No: 2005/099 Accepted: 29 June, 2005

Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
 Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘Korhocsel’

Application No: 2005/096 Accepted: 29 June, 2005
 Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
 Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘Korislas’

Application No: 2005/097 Accepted: 29 June, 2005
 Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
 Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘Korkilgwen’

Application No: 2005/098 Accepted: 29 June, 2005
 Applicant: **W. Kordes' Sohne Rosenschulen GmbH & Co KG.**
 Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘Lexaelat’

Application No: 2005/119 Accepted: 2 June, 2005
 Applicant: **Lex Voorn Rozenveredeling.**
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Lexalleb’

Application No: 2005/120 Accepted: 2 June, 2005
 Applicant: **Lex Voorn Rozenveredeling.**
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Ruia06671’

Application No: 2005/122 Accepted: 17 May, 2005
 Applicant: **De Ruiter's Nieuwe Rozen B.V..**
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Ruia16101’

Application No: 2005/123 Accepted: 17 May, 2005
 Applicant: **De Ruiter's Nieuwe Rozen B.V..**
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘Ruiz3531’

Application No: 2005/065 Accepted: 18 April, 2005
 Applicant: **De Ruiter's Nieuwe Rozen B.V..**
 Agent: **Grandiflora Nurseries Pty Ltd**, Skye, VIC.

‘SUNsaro’

Application No: 2005/064 Accepted: 18 April, 2005

Applicant: **Franko Roses NZ Ltd.**

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

‘WEKblunez’

Application No: 2005/031 Accepted: 18 April, 2005

Applicant: **Weeks Wholesale Rose Grower Inc..**

Agent: **Swanes Nurseries Australia Pty Ltd**, Narromine, NSW.

‘WEKscemala’ syn Chihuly

Application No: 2005/058 Accepted: 18 April, 2005

Applicant: **Weeks Wholesale Rose Grower Inc..**

Agent: **Swanes Nurseries Australia Pty Ltd**, Narromine, NSW.

Schlumbergera truncata

CHRISTMAS CACTUS**‘Moonlightfantasy’**

Application No: 2005/037 Accepted: 22 April, 2005

Applicant: **Tillington House Pty Limited**, Coffs Harbour, NSW.

Telopea hybrid

WARATAH**‘Bridal Gown’**

Application No: 2005/127 Accepted: 9 June, 2005

Applicant: **Galelet Pty Ltd trading as Bush Glow Waratah**, Narre Warren North, VIC.

‘Champagne’

Application No: 2005/129 Accepted: 9 June, 2005

Applicant: **Galelet Pty Ltd trading as Bush Glow Waratah**, Narre Warren North, VIC.

‘Golden Globe’

Application No: 2005/128 Accepted: 9 June, 2005

Applicant: **Galelet Pty Ltd trading as Bush Glow Waratah**, Narre Warren North, VIC.

Trifolium resupinatum

PERSIAN CLOVER

‘Lusa’

Application No: 2005/061 Accepted: 14 June, 2005

Applicant: **Agriculture Victoria Services Pty Ltd and Australian Wool Innovation Pty Ltd**, Attwood, VIC.

Triticum aestivum

WHEAT

‘Odiel’

Application No: 2005/112 Accepted: 2 June, 2005

Applicant: **Svalof Weibull AB**.

Agent: **Access Genetics Pty Ltd**, Alexandra, VIC.

Vaccinium ashei

RABBITEYE BLUEBERRY

‘C96-97’

Application No: 2005/081 Accepted: 19 May, 2005

Applicant: **Chiquita Brands South Pacific Ltd**, Corindi Beach, NSW.

Vaccinium hybrid

SOUTHERN Highbush BLUEBERRY

‘C97-390’

Application No: 2005/080 Accepted: 19 May, 2005

Applicant: **Chiquita Brands South Pacific Ltd**, Corindi Beach, NSW.

‘C99-42’

Application No: 2005/082 Accepted: 19 May, 2005

Applicant: **Chiquita Brands South Pacific Ltd**, Corindi Beach, NSW.

‘Emerald’

Application No: 2005/079 Accepted: 19 May, 2005

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

Agent: **Blueberry Farms of Australia**, Corindi Beach, NSW.

‘Southern Belle’

Application No: 2005/078 Accepted: 19 May, 2005

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

Agent: **Blueberry Farms of Australia**, Corindi Beach, NSW.

Verbena xhybrida

GARDEN VERBENA

‘Balazmapurp’

Application No: 2005/150 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balazreve’

Application No: 2005/149 Accepted: 9 June, 2005

Applicant: **Ball Horticultural Company.**

Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Viola hybrid

VIOLA

‘Lord Primrose’

Application No: 2005/175 Accepted: 9 June, 2005

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

‘Porcelain Doll’

Application No: 2005/174 Accepted: 9 June, 2005

Applicant: **Plant Growers Australia Pty Ltd.**

Agent: **Plants Management Australia Pty Ltd**, Wonga Park, VIC.

Vitis berlandieri

SWEET MOUNTAIN GRAPE, SURETT, WINTER GRAPE

‘M54-89’

Application No: 2005/069 Accepted: 19 April, 2005

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

‘M55-12’

Application No: 2005/068 Accepted: 19 April, 2005

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

Vitis cinerea

SWEET WINTER GRAPE, DOWNY GRAPE, ASHY GRAPE

‘M61-36’

Application No: 2005/067 Accepted: 19 April, 2005

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

‘M62-62’

Application No: 2005/066 Accepted: 19 April, 2005

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

Vitis vinifera

GRAPE

‘Grapaes’

Application No: 2005/008 Accepted: 12 April, 2005

Applicant: **Grapa Ltd.**

Agent: **John Stewart Irwin**, Mildura, VIC.

xTriticosecale

TRITICALE

‘Pacific Falcon’

Application No: 2004/324 Accepted: 2 May, 2005

Applicant: **Agricultural Research Council.**

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

Key to definitions/symbols/words used in the detailed descriptions

*	=	Variety used as comparator
Agent	=	Australian agent acting on behalf of an applicant (often where application is from overseas).
ca.	=	about
CPVO	=	Community Plant Variety Office
DMRT	=	Duncan's Multiple Range Test
DUS	=	Distinctiveness, Uniformity and Stability
Hyphenated colours	=	A hyphen (-) between two different colours (eg. greyed-green) designates an intermediate colour between those two colours, where possible the RHS colour chart reference is also given.
LSD	=	Least Significant Difference
LSD/sig	=	The numerical value for the LSD (at $P \leq 0.01$) is in the first column and the level of significance between the candidate and the relevant comparator in subsequent columns
<i>PVJ</i>	=	Plant Varieties Journal
PBR	=	Plant Breeder's Rights
PBRO	=	Plant Breeder's Rights Office
PVRO	=	Plant Variety Rights Office
n/a	=	Not available
ns	=	Not significant
RHS	=	Royal Horticultural Society Colour Chart (eg. Chip Number, year). The year following RHS indicates the edition.
std deviation	=	Standard deviation of the sample
syn	=	synonym
UPOV	=	International Union for the Protection of New Plant Varieties
+	=	When used in conjunction with an RHS colour, '+' indicates a notional extension of a colour series when a precise match cannot be made. It is most commonly used when the adjacent colour chip(s) are of a different sequence
#	=	Values followed by the same letter are not significantly different at $P \leq 0.01$
Origin	=	Unless otherwise stated the female parent of the cross precedes the male parent
S-N-K test	=	Student-Newman-Keuls test

Plant Varieties Journal - Search Results

Variety Descriptions

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

Common (Genus Species)	Variety	Title Holder
Apple (<i>Malus domestica</i>)	Pinkie	The Horticulture and Food Research Institute of New Zealand Limited
Apple (<i>Malus domestica</i>)	Scifresh	The Horticulture and Food Research Institute of New Zealand Limited
Apple (<i>Malus domestica</i>)	Scigold	The Horticulture and Food Research Institute of New Zealand Limited
Apple (<i>Malus domestica</i>)	Rosy Glow	Harleigh Cecil & Ashley Graham Mason
Apple (<i>Malus domestica</i>)	Fiero	Snyder L.L.C.
Calla Lily (<i>Zantedeschia hybrid</i>)	Hot Lips	BLOOMZ Ltd
Calla Lily (<i>Zantedeschia hybrid</i>)	Hot Chocolate	BLOOMZ Ltd
Calla Lily (<i>Zantedeschia hybrid</i>)	Pot Black	BLOOMZ Ltd
Calla Lily (<i>Zantedeschia hybrid</i>)	Pink Pot	BLOOMZ Ltd
Calla Lily (<i>Zantedeschia hybrid</i>)	Hot Salmon	BLOOMZ Ltd
Calla Lily (<i>Zantedeschia sprengeri</i>)	Schwarzwald	Sande B.V.
Chickpea (<i>Cicer arietinum</i>)	Flipper	Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation
Chickpea (<i>Cicer arietinum</i>)	Kyabra	State of Queensland through its Department of Primary Industries and Fisheries, Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation
Chickpea (<i>Cicer arietinum</i>)	Yorker	Department of Primary Industries for and on behalf of the State of New South Wales and Grains Research and Development Corporation
Cotton (<i>Gossypium hirsutum</i>)	Sicot 80B	Commonwealth Scientific and Industrial Research Organisation
Cotton (<i>Gossypium hirsutum</i>)	Sicot F-1	Commonwealth Scientific and Industrial Research Organisation
Cotton (<i>Gossypium hirsutum</i>)	Siokra 24	Commonwealth Scientific and Industrial Research Organisation
Cotton (<i>Gossypium hirsutum</i>)	Sicot 73	Commonwealth Scientific and Industrial Research Organisation

Grape (<i>Vitis vinifera</i>)	I10V1-S	Peter Michael Burne and Robert Garry Trezise
Hesperozygis (<i>Hesperozygis hybrid</i>)	Sunmindepi	Suntory Flowers Limited
Lettuce (<i>Lactuca sativa</i>)	Veredes	Nunhems B.V.
Lettuce (<i>Lactuca sativa</i> var. <i>longifolia</i>)	Cyclone	Progeny Advanced Genetics
Mango (<i>Mangifera indica</i>)	A67	State of Queensland through its Department of Primary Industries and Fisheries and Promised Land Avocados Pty Ltd
Nemesia (<i>Nemesia hybrid</i>)	Strawberries & Cream	Plant Growers Australia Pty Ltd
Nemesia (<i>Nemesia hybrid</i>)	Confetti Bright Pink	Plant Growers Australia Pty Ltd
Nemesia (<i>Nemesia hybrid</i>)	Confetti Blue	Plant Growers Australia Pty Ltd
Nemesia (<i>Nemesia hybrid</i>)	Confetti Rosé	Plant Growers Australia Pty Ltd
Nemesia (<i>Nemesia hybrid</i>)	Confetti Violet	Plant Growers Australia Pty Ltd
Oats (<i>Avena sativa</i>)	Volta	State of Queensland through its Department of Primary Industries and Fisheries
Peach (<i>Prunus persica</i>)	SNOW FIRE	Zaiger's Inc. Genetics
Peach (<i>Prunus persica</i>)	AUTUMN SNOW	Zaiger's Inc. Genetics
Potato (<i>Solanum tuberosum</i>)	Daisy	Germicopa SA
Potato (<i>Solanum tuberosum</i>)	Orla	Irish Potato Marketing Ltd
Potato (<i>Solanum tuberosum</i>)	Nectar	Irish Potato Marketing Ltd
Potato (<i>Solanum tuberosum</i>)	Malin	Irish Potato Marketing Ltd
Rose (<i>Rosa hybrid</i>)	Korassenet	W. Kordes' Sohne Rosenschulen GmbH & Co KG
Rose (<i>Rosa hybrid</i>)	Korkinteral	W. Kordes' Sohne Rosenschulen GmbH & Co KG
Rose (<i>Rosa hybrid</i>)	Harbadge	Harkness New Roses Ltd
Rose (<i>Rosa hybrid</i>)	Korturek	W. Kordes' Sohne Rosenschulen GmbH & Co KG
Rose (<i>Rosa hybrid</i>)	TAN91151	Rosen Tantau, Mathias Tantau Nachfolger
Rose (<i>Rosa hybrid</i>)	TAN99530	Rosen Tantau, Mathias Tantau Nachfolger
Rose (<i>Rosa hybrid</i>)	TAN99303	Rosen Tantau, Mathias Tantau Nachfolger
Rose (<i>Rosa hybrid</i>)	Tananilov	Rosen Tantau, Mathias Tantau Nachfolger
Rose (<i>Rosa hybrid</i>)	Interorlan	Interplant B.V.
Rose (<i>Rosa hybrid</i>)	Hardwell	Harkness New Roses Ltd
Shasta Daisy (<i>Leucanthemum xsuperbum</i>)	V971-0	NuFlora International Pty Ltd
Soybean (<i>Glycine max</i>)	Snowy	Commonwealth Scientific and Industrial Research Organisation
Soybean (<i>Glycine max</i>)	Stuart	Commonwealth Scientific and Industrial Research Organisation
Subterranean Clover (<i>Trifolium subterraneum</i> ssp. <i>brachycalycinum</i>)	Mintaro	Grains Research and Development Corporation, Australian Wool Innovation Ltd and Minister for Agriculture, Food and Fisheries

Sugarcane (<i>Saccharum hybrid</i>)	Q213	BSES Limited
Sulla (<i>Hedysarum coronarium</i>)	Wilpena	Grains Research & Development Corporation, Australian Wool Innovation Ltd and Minister for Agriculture, Food and Fisheries
Sulla (<i>Hedysarum coronarium</i>)	Moonbi	Grains Research & Development Corporation, Australian Wool Innovation Ltd and Minister for Agriculture, Food and Fisheries
Twinspur (<i>Diascia hybrid</i>)	Codiwim	NuFlora International Pty Ltd
Wheat (<i>Triticum aestivum</i>)	SUN421T	The University of Sydney and Grains Research and Development Corporation
Wheat (<i>Triticum aestivum</i>)	SUN404B	The University of Sydney and Grains Research and Development Corporation
Wheat (<i>Triticum aestivum</i>)	TMB406F2	SunPrime Seeds Pty Ltd
Wheat (<i>Triticum aestivum</i>)	Glover	Commonwealth Scientific Industrial Research Organisation and Grains Research and Development Corporation

Plant Varieties Journal - Search Result Details**Calla Lily (*Zantedeschia hybrid*)**

Variety: 'Hot Lips'
Synonym: N/A

Application no: 2003/128
Current status: ACCEPTED
Certificate no: N/A
Received: 02-Jun-2003
Accepted: 30-Sep-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: BLOOMZ Ltd

Agent: Boulevard Nurseries

Telephone: (03) 5024 6312

Fax: (03) 5024 6692

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



Details of Application

Application Number	2003/128
Variety Name	'Hot Lips'
Genus Species	<i>Zantedeschia</i> hybrid
Common Name	Calla Lily
Synonym	Nil
Accepted Date	30 Sep 2003
Applicant	BLOOMZ Ltd, Tauranga, New Zealand.
Agent	Boulevard Nurseries Mildura Pty Ltd, Irymple, VIC.
Qualified Person	Kathleen Mullins

Details of Comparative Trial

Overseas Testing Authority	Plant Variety Rights Office New Zealand
Overseas Data Reference Number	ZAN025
Location	Overseas test report conducted at Lincoln, Canterbury, New Zealand 2002 to 2003. These results were verified in Australia at Boulevard Nurseries Mildura Pty Ltd, Mildura, CTC for <i>Zantedeschia</i> .
Descriptor	TG/177/3
Period	October to December 2004
Conditions	Trial was conducted under 70% shade, with overhead irrigation. Tubers 3-4 cm diameter originating from tissue-cultured plantlets were planted in a commercially prepared potting media containing slow release fertilizers. No pest or disease treatments were applied.
Trial Design	Twenty tubers of each variety were used. Ten tubers of each variety were given a flower inducing treatment, and ten left untreated. Individual tubers were planted in 220 mm pots. Observations were made on plants without flower induction treatments.
Measurements	From trial plants at random
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: seed parent 'Pink Persuasion' x pollen parent 'Majestic Red' in BLOOMZ Ltd, Tauranga, New Zealand in 1998. The seed parent is characterised by a deep pink spathe. The pollen parent is characterised by a deep red-pink spathe. 'Hot Lips' is a product of a planned breeding programme intended to create new calla lily varieties with dark pink spathes. Selection criteria: flower colour, stem strength, number of flowers. Propagation: the variety has been asexually reproduced repeatedly by vegetative propagation and tissue culture. The cultivar has retained its distinctive characteristics through successive propagations. Breeder: BLOOMZ Ltd, Tauranga, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Spathe	colour	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Majestic Red’	The pollen parent, Majestic Red, is the most similar variety of common knowledge.

Organ/Plant Part: Context	‘Hot Lips’	*‘Majestic Red’
<input type="checkbox"/> *Plant: type	deciduous	deciduous
<input type="checkbox"/> *Plant: height	short	short to medium
<input type="checkbox"/> Plant: total number of shoots (deciduous varieties only)	medium	few
<input type="checkbox"/> *Young shoot: colour	green	green
<input type="checkbox"/> Petiole: length	very short to short	short to medium
<input type="checkbox"/> *Petiole: colour of lower part	dark green	dark green
<input type="checkbox"/> Leaf blade: attitude	semi-erect	semi-erect
<input type="checkbox"/> *Leaf blade: length	medium	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium
<input type="checkbox"/> *Leaf blade: position of broadest part	slightly below middle	
<input type="checkbox"/> *Leaf blade: lobes	absent	absent
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	medium	dark
<input type="checkbox"/> *Leaf blade: spots on upper side	present	present
<input checked="" type="checkbox"/> Leaf blade: size of spots on upper side	small	medium
<input checked="" type="checkbox"/> *Leaf blade: number of spots on upper side	few	medium
<input type="checkbox"/> Scape: thickness	thick	thick
<input type="checkbox"/> Scape: red colouration	weak	absent or very weak
<input type="checkbox"/> Scape: mottling at basal part	weakly expressed	
<input type="checkbox"/> *Spathe: natural height	medium to high	medium to high
<input type="checkbox"/> *Spathe: natural length	short to medium	
<input type="checkbox"/> *Spathe: natural width	narrow to medium	
<input type="checkbox"/> Spathe: height of overlapping part	high	medium
<input type="checkbox"/> Spathe: natural shape of distal part	acute	obtuse
<input checked="" type="checkbox"/> *Spathe: main colour of inner side (RHS colour chart)	RHS 59C	RHS 185B

<input type="checkbox"/>	*Spathe: secondary colour of inner side	red purple	red purple
<input type="checkbox"/>	Spathe: gradual colour change from base to apex	strongly intensifying	
<input type="checkbox"/>	Spathe: size of unchanged colour area at base	small	
<input type="checkbox"/>	*Spathe: presence of throat spot	absent	present
<input type="checkbox"/>	Spathe: main colour of outer side	red purple	red purple
<input type="checkbox"/>	Spathe: recurving of margin	weak	
<input type="checkbox"/>	*Spadix: length	medium	short
<input type="checkbox"/>	Spadix: width at middle of male part	broad	broad

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2001	Granted	‘Hot Lips’
EU	2002	Applied	‘Hot Lips’
USA	2003	Granted	‘Hot Lips’
South Africa	2003	Applied	‘Hot Lips’
Japan	2004	Applied	‘Hot Lips’

Sales: New Zealand Aug 2002.

Description: **Kathleen Mullins**, Irymple, VIC.

Plant Varieties Journal - Search Result Details**Calla Lily (*Zantedeschia hybrid*)****Variety:** 'Hot Chocolate'**Synonym:** N/A**Application no:** 2003/124**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Jun-2003**Accepted:** 30-Sep-2003**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: BLOOMZ Ltd**Agent:** Boulevard Nurseries**Telephone:** (03) 5024 6312**Fax:** (03) 5024 6692

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



Details of Application

Application Number	2003/124
Variety Name	'Hot Chocolate'
Genus Species	<i>Zantedeschia</i> hybrid
Common Name	Calla Lily
Synonym	Nil
Accepted Date	30 Sep 2003
Applicant	BLOOMZ Ltd, Tauranga, New Zealand
Agent	Boulevard Nurseries Mildura Pty Ltd, Irymple, VIC.
Qualified Person	Kathleen Mullins

Details of Comparative Trial

Overseas Testing Authority	Plant Variety Rights Office New Zealand
Overseas Data Reference Number	ZAN024
Location	Overseas test report conducted at Lincoln, Canterbury, New Zealand in 2002 to 2003. These results were verified in Australia at Boulevard Nurseries Mildura Pty Ltd, Mildura, CTC for <i>Zantedeschia</i> .
Descriptor	TG/177/3
Period	Oct to Dec 2004
Conditions	Trial was conducted under 70% shade, with overhead irrigation. Tubers 3-4 cm in diameter originating from tissue-cultured plantlets were planted in a commercially prepared potting media containing slow release fertilizers. No pest or disease treatments were applied.
Trial Design	Twenty tubers of each variety were used. Ten tubers of each variety were given a flower inducing treatment, and ten left untreated. Individual tubers were planted in 220 mm pots. Observations were made on plants without flower induction treatments.
Measurements	From trial plants at random
RHS Chart – edition	2001

Origin and Breeding

Controlled pollination: seed parent 'Cameo' x pollen parent unnamed seedling bred by BLOOMZ Ltd New Zealand. The seed parent is characterised by an apricot-salmon coloured spathe. The pollen parent is characterised by a dark purple spathe. The cultivar was created in 1998 in Tauranga, New Zealand. 'Hot Chocolate' is a product of a planned breeding programme intended to create new calla lily varieties. Selection criteria: flower colour, stem strength, number of flowers. Propagation: the variety has been asexually reproduced repeatedly by vegetative propagation and tissue culture. The cultivar has retained its distinctive characteristics through successive propagations. Breeder: BLOOMZ Ltd, Tauranga, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Spathe	colour	purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Schwarzwald'	'Schwarzwald' is the only variety of common knowledge in existence with purple spathe colour at the time of lodgement of this application.

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	'Hot Chocolate'	*'Schwarzwald'
<input type="checkbox"/> *Plant: type	deciduous	deciduous
<input type="checkbox"/> *Plant: height	short to medium	
<input type="checkbox"/> Plant: total number of shoots (deciduous varieties only)	medium	
<input type="checkbox"/> *Young shoot: colour	yellow green	green
<input type="checkbox"/> Petiole: length	long	medium
<input type="checkbox"/> *Petiole: colour of lower part	dark green	yellow green
<input type="checkbox"/> Leaf blade: attitude	semi-erect	erect
<input type="checkbox"/> *Leaf blade: length	long	long
<input type="checkbox"/> *Leaf blade: width	medium to broad	
<input type="checkbox"/> *Leaf blade: position of broadest part	far below middle	
<input type="checkbox"/> *Leaf blade: lobes	present	present
<input type="checkbox"/> Leaf blade: length of lobe	short to medium	
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	medium	light
<input type="checkbox"/> *Leaf blade: spots on upper side	present	present
<input checked="" type="checkbox"/> Leaf blade: size of spots on upper side	medium to large	medium
<input checked="" type="checkbox"/> *Leaf blade: number of spots on upper side	many	medium
<input type="checkbox"/> Scape: thickness	medium to thick	
<input checked="" type="checkbox"/> Scape: red colouration	very strong	absent or very weak
<input type="checkbox"/> Scape: mottling at basal part	strongly expressed	
<input type="checkbox"/> *Spathe: natural height	medium to high	

<input type="checkbox"/>	*Spathe: natural length	medium to long	medium
<input type="checkbox"/>	*Spathe: natural width	medium	narrow
<input type="checkbox"/>	Spathe: height of overlapping part	high	medium
<input type="checkbox"/>	Spathe: natural shape of distal part	obtuse	acute
<input type="checkbox"/>	*Spathe: main colour of inner side (RHS colour chart)	N186A	RHS 187A
<input type="checkbox"/>	*Spathe: secondary colour of inner side	dark red purple	
<input type="checkbox"/>	Spathe: gradual colour change from base to apex	weakly shading off	no change or very little
<input type="checkbox"/>	Spathe: size of unchanged colour area at base	large	
<input type="checkbox"/>	*Spathe: presence of throat spot	absent	absent
<input type="checkbox"/>	Spathe: main colour of outer side	purple	purple
<input type="checkbox"/>	Spathe: recurving of margin	weak	weak
<input type="checkbox"/>	*Spadix: length	long	medium
<input type="checkbox"/>	Spadix: width at middle of male part	medium	
<input type="checkbox"/>	Spadix: main colour just before pollen shed	purple red	purple red

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context **‘Hot Chocolate’** ***‘Schwarzwaldler’**

<input checked="" type="checkbox"/>	Leaf: presence of red colouration of margin on lower side	present	absent
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Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2001	Granted	‘Hot Chocolate’
EU	2002	Applied	‘Hot Chocolate’
South Africa	2003	Applied	‘Hot Chocolate’
Japan	2004	Applied	‘Hot Chocolate’

Sales: New Zealand Aug 2002.

Description: **Kathleen Mullins**, Irymple, **VIC**.

Plant Varieties Journal - Search Result Details

Calla Lily (*Zantedeschia hybrid*)

Variety: 'Pot Black'
Synonym: N/A

Application no: 2003/125
Current status: ACCEPTED
Certificate no: N/A
Received: 02-Jun-2003
Accepted: 30-Sep-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: BLOOMZ Ltd

Agent: Boulevard Nurseries

Telephone: (03) 5024 6312

Fax: (03) 5024 6692

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



Details of Application

Application Number	2003/125
Variety Name	'Pot Black'
Genus Species	<i>Zantedeschia</i> hybrid
Common Name	Calla Lily
Synonym	Nil
Accepted Date	30 Sep 2003
Applicant	BLOOMZ Ltd, Tauranga, New Zealand.
Agent	Boulevard Nurseries Mildura Pty Ltd, Irymple, VIC.
Qualified Person	Kathleen Mullins

Details of Comparative Trial

Overseas Testing Authority	Plant Variety Rights Office New Zealand
Overseas Data Reference Number	ZAN050
Location	Overseas test report conducted at Lincoln, Canterbury New Zealand 2003 to 2004. These results were verified in Australia at Boulevard Nurseries Mildura Pty Ltd, Mildura, CTC for <i>Zantedeschia</i> .
Descriptor	TG/177/3
Period	Oct to Dec 2004
Conditions	Trial was conducted under 70% shade, with overhead irrigation. Tubers 3-4 cm diameter originating from tissue-cultured plantlets were planted in a commercially prepared potting media containing slow release fertilizers. No pest or disease treatments were applied.
Trial Design	Twenty tubers of each variety were used. Ten tubers of each variety were given a flower inducing treatment, and ten left untreated. Individual tubers were planted in 220 mm pots. Observations were made on plants without flower induction treatments.
Measurements	From trial plants at random
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: seed parent 'Chianti' x pollen parent unnamed seedling bred by BLOOMZ Ltd New Zealand. The seed parent is characterised by a purple coloured spathe. 'Pot Black' is a product of a planned breeding programme intended to create new calla lily varieties with a deep burgundy spathe. The cultivar was created in 1998 in Tauranga, New Zealand. Selection criteria: flower colour, stem strength, number of flowers, plant habit. Propagation: the variety has been asexually reproduced repeatedly by vegetative propagation and tissue culture. The cultivar has retained its distinctive characteristics through successive propagations. Breeder: BLOOMZ Ltd, Tauranga, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Spathe	colour	purple

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Schwarzwalder'	'Schwarzwalder' is the only variety of common knowledge in existence with purple spathe colour at the time of lodgement of this application.

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

	'Pot Black'	*'Schwarzwalder'
<input type="checkbox"/> *Plant: type	deciduous	deciduous
<input type="checkbox"/> *Plant: height	short	
<input type="checkbox"/> Plant: total number of shoots (deciduous varieties only)	medium to many	
<input type="checkbox"/> *Young shoot: colour	green	green
<input type="checkbox"/> Petiole: length	short	medium
<input type="checkbox"/> *Petiole: colour of lower part	medium green	yellow green
<input type="checkbox"/> Leaf blade: attitude	semi-erect	erect
<input type="checkbox"/> *Leaf blade: length	medium	long
<input type="checkbox"/> *Leaf blade: width	narrow to medium	
<input type="checkbox"/> *Leaf blade: position of broadest part	slightly below middle	
<input checked="" type="checkbox"/> *Leaf blade: lobes	absent	present
<input type="checkbox"/> Leaf blade: shape of apex	acute	acute
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	medium	light
<input type="checkbox"/> *Leaf blade: spots on upper side	present	present
<input checked="" type="checkbox"/> Leaf blade: size of spots on upper side	small	medium
<input checked="" type="checkbox"/> *Leaf blade: number of spots on upper side	few	medium
<input type="checkbox"/> Leaf blade: undulation of margin	weakly expressed	weakly expressed
<input type="checkbox"/> Scape: thickness	thin	
<input type="checkbox"/> Scape: red colouration	strong	absent or very weak
<input type="checkbox"/> Scape: mottling at basal part	strongly expressed	
<input type="checkbox"/> *Spathe: natural height	low to medium	

<input type="checkbox"/>	*Spathe: natural length	short to short to medium	medium
<input type="checkbox"/>	*Spathe: natural width	narrow	narrow
<input type="checkbox"/>	Spathe: height of overlapping part	medium to high	medium
<input type="checkbox"/>	Spathe: natural shape of distal part	obtuse	acute
<input type="checkbox"/>	*Spathe: main colour of inner side (RHS colour chart)	N186A	RHS187A
<input type="checkbox"/>	*Spathe: secondary colour of inner side	red purple	
<input type="checkbox"/>	*Spathe: presence of throat spot	absent	absent
<input type="checkbox"/>	Spathe: main colour of outer side	purple	purple
<input type="checkbox"/>	Spathe: recurving of margin	very weak	weak
<input type="checkbox"/>	*Spadix: length	medium	medium
<input type="checkbox"/>	Spadix: width at middle of male part	narrow	
<input type="checkbox"/>	Spadix: main colour just before pollen shed	purple	purple red

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2002	Granted	'Pot Black'
EU	2002	Granted	'Pot Black'
USA	2003	Granted	'Pot Black'
South Africa	2003	Applied	'Pot Black'
Japan	2004	Applied	'Espresso'

Sales: New Zealand Jan 2003.

Description: **Kathleen Mullins**, Irymple, VIC.

Plant Varieties Journal - Search Result Details**Calla Lily (*Zantedeschia hybrid*)**

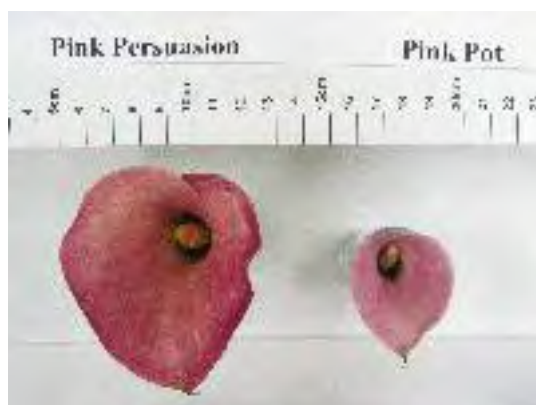
Variety: 'Pink Pot'
Synonym: N/A

Application no: 2003/126
Current status: ACCEPTED
Certificate no: N/A
Received: 02-Jun-2003
Accepted: 24-Nov-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: BLOOMZ Ltd
Agent: Boulevard Nurseries
Telephone: (03) 5024 6312
Fax: (03) 5024 6692

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



Details of Application

Application Number	2003/126
Variety Name	'Pink Pot'
Genus Species	<i>Zantedeschia</i> hybrid
Common Name	Calla Lily
Synonym	Nil
Accepted Date	24 Nov 2003
Applicant	BLOOMZ Ltd, Tauranga, New Zealand.
Agent	Boulevard Nurseries Mildura Pty Ltd, Irymple, VIC.
Qualified Person	Kathleen Mullins

Details of Comparative Trial

Overseas Testing Authority	Plant Variety Rights Office New Zealand
Overseas Data Reference Number	ZAN051
Location	Overseas test report conducted at Lincoln, Canterbury, New Zealand 2003 to 2004. These results were verified in Australia at Boulevard Nurseries Mildura Pty Ltd, Mildura, CTC for <i>Zantedeschia</i> .
Descriptor	TG/177/3
Period	Oct to Dec 2004
Conditions	Trial was conducted under 70% shade with overhead irrigation. Tubers 3-4 cm diameter originating from tissue-cultured plantlets were planted in a commercially prepared potting medium containing slow release fertilizers. No pest or disease treatments were applied.
Trial Design	Twenty tubers of each variety were used. Ten tubers of each variety were given a flower inducing treatment, and ten tubers were left untreated. Individual tubers were planted in 220 mm pots. Observations were made on plants without flower induction treatments.
Measurements	From trial plants at random
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: Seed parent seedling x pollen parent 'Pink Persuasion'. The seed parent, unnamed and bred by BLOOMZ Ltd, New Zealand, is characterised by a small pink coloured spathe. The pollen parent is characterised by a deep pink spathe. 'Pink Pot' is a product of a planned breeding programme intended to create new calla lily pot plants with pink spathes. Hybridisation took place in Tauranga, New Zealand in 1998. Selection criteria: flower colour, stem strength, stem length, number of flowers. Propagation: the variety has been asexually reproduced repeatedly by vegetative propagation and tissue culture. The variety has retained its distinctive characteristics through successive propagations. Breeder BLOOMZ Ltd, Tauranga New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Spathe	colour	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Pink Persuasion'	On the basis of this grouping, the pollen parent 'Pink Persuasion' is the most similar variety.

Organ/Plant Part: Context	'Pink Pot'	*'Pink Persuasion'
<input type="checkbox"/> *Plant: type	deciduous	deciduous
<input type="checkbox"/> *Plant: height	short	medium
<input type="checkbox"/> Plant: total number of shoots (deciduous varieties only)	medium to many	few
<input type="checkbox"/> *Young shoot: colour	green	green
<input type="checkbox"/> Petiole: length	medium	medium
<input type="checkbox"/> *Petiole: colour of lower part	light green	medium green
<input type="checkbox"/> Leaf blade: attitude	semi-erect	
<input type="checkbox"/> *Leaf blade: length	medium	medium to long
<input type="checkbox"/> *Leaf blade: width	narrow-medium	medium
<input type="checkbox"/> *Leaf blade: position of broadest part	slightly below middle	far below middle
<input type="checkbox"/> *Leaf blade: lobes	absent	present
<input type="checkbox"/> Leaf blade: shape of apex	acute	
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	light	
<input type="checkbox"/> *Leaf blade: spots on upper side	present	present
<input type="checkbox"/> Leaf blade: size of spots on upper side	small	medium
<input type="checkbox"/> *Leaf blade: number of spots on upper side	very few	medium
<input type="checkbox"/> Leaf blade: undulation of margin	weakly expressed	
<input type="checkbox"/> Scape: thickness	thin	thick
<input type="checkbox"/> Scape: red colouration	absent or very weak	
<input type="checkbox"/> Scape: mottling at basal part	weakly expressed	
<input type="checkbox"/> *Spathe: natural height	low to medium	
<input checked="" type="checkbox"/> *Spathe: natural length	short	short to medium to medium
<input checked="" type="checkbox"/> *Spathe: natural width	narrow	medium
<input type="checkbox"/> Spathe: height of overlapping part	high	

<input type="checkbox"/>	Spathe: natural shape of distal part	obtuse	obtuse
<input checked="" type="checkbox"/>	*Spathe: main colour of inner side (RHS colour chart)	RHS 60C-D	RHS 59C
<input type="checkbox"/>	*Spathe: secondary colour of inner side	purple pink	red purple
<input type="checkbox"/>	Spathe: gradual colour change from base to apex	weakly intensifying	
<input type="checkbox"/>	Spathe: size of unchanged colour area at base	medium	
<input type="checkbox"/>	*Spathe: presence of throat spot	present	present
<input type="checkbox"/>	Spathe: size of throat spot	small	
<input type="checkbox"/>	*Spathe: colour of throat spot	purple	purple
<input type="checkbox"/>	Spathe: main colour of outer side	purple pink	light yellow
<input type="checkbox"/>	Spathe: recurving of margin	very weak	
<input type="checkbox"/>	*Spadix: length	short to medium	medium
<input type="checkbox"/>	Spadix: width at middle of male part	narrow	
<input checked="" type="checkbox"/>	Spadix: main colour just before pollen shed	light yellow	medium yellow

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2002	Granted	'Pink Pot'
EU	2002	Granted	'Pink Pot'
USA	2003	Granted	'Pink Pot'
South Africa	2003	Applied	'Pink Pot'
Japan	2004	Applied	'Pink Pot'

Sales: Netherlands 2003.

Description: **Kathleen Mullins**, Irymple, VIC.

Plant Varieties Journal - Search Result Details**Calla Lily (*Zantedeschia hybrid*)****Variety:** 'Hot Salmon'**Synonym:** N/A**Application no:** 2003/127**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Jun-2003**Accepted:** 24-Nov-2003**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: BLOOMZ Ltd**Agent:** Boulevard Nurseries**Telephone:** (03) 5024 6312**Fax:** (03) 5024 6692

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



Details of Application

Application Number	2003/127
Variety Name	'Hot Salmon'
Genus Species	<i>Zantedeschia</i> hybrid
Common Name	Calla Lily
Synonym	Nil
Accepted Date	24 Nov 2003
Applicant	BLOOMZ Ltd, Tauranga, New Zealand.
Agent	Boulevard Nurseries Mildura Pty Ltd, Irymple, VIC.
Qualified Person	Kathleen Mullins

Details of Comparative Trial

Overseas Testing Authority	Plant Variety Rights Office New Zealand
Overseas Data Reference Number	ZAN026
Location	Overseas test report conducted at Lincoln, Canterbury, New Zealand 2002 to 2003. These results were verified in Australia at Boulevard Nurseries Mildura Pty Ltd, Mildura, CTC for <i>Zantedeschia</i> .
Descriptor	TG/177/3
Period	Oct to Dec 2004
Conditions	Trial was conducted under 70% shade, with overhead irrigation. Tubers 3-4 cm diameter originating from tissue-cultured plantlets were planted in a commercially prepared potting media containing slow release fertilizers. No pest or disease treatments were applied.
Trial Design	Twenty tubers of each variety were used. Ten tubers of each variety were given a flower inducing treatment, and ten left untreated. Individual tubers were planted in 220 mm pots. Observations were made on plants without flower induction treatments.
Measurements	From trial plants at random
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: seed parent unnamed seedling x pollen parent 'Majestic Red' in BLOOMZ Ltd, Tauranga, New Zealand in 1998. The seed parent, bred by BLOOMZ Ltd, is characterised by a pink spathe. The pollen parent is characterised by a red spathe. 'Hot Salmon' is a product of a planned breeding programme intended to create new calla lily varieties. Selection criteria: flower colour, stem strength, number of flowers. Propagation: the variety has been asexually reproduced repeatedly by vegetative cuttings and tissue culture. The variety has retained its distinctive characteristics through successive propagations. Breeder: BLOOMZ Ltd, Tauranga, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Spathe	colour	pink

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cameo'	On the basis of it's distinct salmon-pink colour, 'Cameo' is the most similar variety of common knowledge

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	'Hot Salmon'	*'Cameo'
<input type="checkbox"/> *Plant: type	deciduous	deciduous
<input type="checkbox"/> *Plant: height	medium	medium to tall
<input type="checkbox"/> Plant: total number of shoots (deciduous varieties only)	medium	medium
<input type="checkbox"/> *Young shoot: colour	green	green
<input type="checkbox"/> Petiole: length	short	medium to long
<input type="checkbox"/> *Petiole: colour of lower part	medium green	purple
<input type="checkbox"/> Leaf blade: attitude	semi-erect	
<input type="checkbox"/> *Leaf blade: length	long	medium to long
<input type="checkbox"/> *Leaf blade: width	medium to broad	medium to broad
<input type="checkbox"/> *Leaf blade: position of broadest part	slightly below middle	
<input checked="" type="checkbox"/> *Leaf blade: lobes	absent	present
<input type="checkbox"/> Leaf blade: shape of apex	right-angled	acute
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	light	medium to dark
<input type="checkbox"/> *Leaf blade: spots on upper side	present	present
<input checked="" type="checkbox"/> Leaf blade: size of spots on upper side	medium	large
<input checked="" type="checkbox"/> *Leaf blade: number of spots on upper side	few	medium
<input type="checkbox"/> Scape: thickness	medium to thick	thick
<input type="checkbox"/> Scape: red colouration	absent or very weak	strong
<input type="checkbox"/> Scape: mottling at basal part	weakly expressed	strongly expressed
<input type="checkbox"/> *Spathe: natural height	medium to high	
<input type="checkbox"/> *Spathe: natural length	short to medium	
<input type="checkbox"/> *Spathe: natural width	narrow to medium	
<input type="checkbox"/> Spathe: height of overlapping part	high	high

<input type="checkbox"/>	Spathe: natural shape of distal part	acute	obtuse
<input type="checkbox"/>	*Spathe: main colour of inner side (RHS colour chart)	20B-C (light yellow orange) and 53B-C (dark pink)	
<input type="checkbox"/>	*Spathe: secondary colour of inner side	red purple	pink
<input type="checkbox"/>	Spathe: gradual colour change from base to apex	weakly intensifying	
<input type="checkbox"/>	Spathe: size of unchanged colour area at base	small	
<input type="checkbox"/>	Spathe: main colour of outer side	yellow red	medium yellow
<input type="checkbox"/>	Spathe: recurving of margin	very weak	
<input type="checkbox"/>	*Spadix: length	long	short
<input type="checkbox"/>	Spadix: main colour just before pollen shed	light yellow	light yellow

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2001	Granted	‘Hot Salmon’
EU	2002	Granted	‘Hot Salmon’
Japan	2004	Applied	‘Hot Salmon’

Sales: New Zealand Jan 2003.

Description: **Kathleen Mullins**, Irymple, VIC.

Plant Varieties Journal - Search Result Details**Sugarcane (*Saccharum hybrid*)**

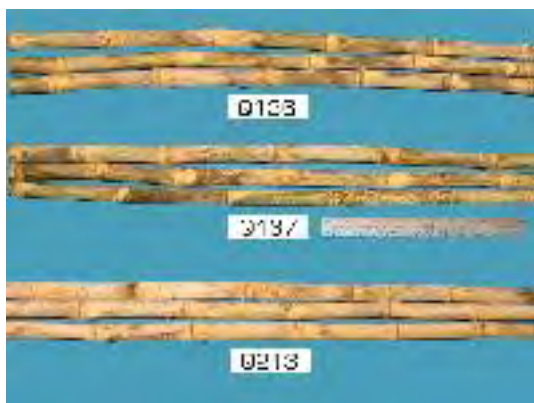
Variety: 'Q213'
Synonym: N/A

Application no: 2003/099
Current status: ACCEPTED
Certificate no: N/A
Received: 12-May-2003
Accepted: 14-Aug-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: BSES Limited
Agent: N/A
Telephone: 0733313333
Fax: 0738710383

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



Details of Application

Application Number	2003/099
Variety Name	'Q213'
Genus Species	<i>Saccharum</i> hybrid
Common Name	Sugarcane
Synonym	Nil
Accepted Date	14 Aug 2003
Applicant	BSES Limited, Indooroopilly, QLD
Agent	Nil
Qualified Person	George Piperidis

Details of Comparative Trial

Location	Meringa BSES Limited, Gordonvale, QLD.
Descriptor	Sugarcane Technical Guideline
Period	Planted 13 Jul 2004; Descriptions 10-12 May 2005
Conditions	Clones were propagated from vegetative cuttings and grown under field conditions. Trial site was strategically tilled and spray fallowed Dec 2003 and planted with cover crop of soybean legumes over the wet season. Land preparation was by zonal tillage only. Two rotary hoeings and two rippings in the plant zone. Planting material was generally good. Soil tilth and moisture were good at planting but extended dry weather following planting slowed establishment and suppressed stooling. Soil type: Clifton series. Watering regime: Rainfed. Chemicals: The fungicide Shirlan was applied at 400 ml per hectare at planting. Diurex (4 kg/ha) was applied on 15 Jan 2005 to control weeds. Fertilisers: DAP (120 kg/ha) was applied at planting, and CK 50/50 (400 kg/ha) was applied on 8 Nov 2004. Total nutrients were: N - 117.2 kg/ha; P - 24 kg/ha; K - 96 kg/ha.
Trial Design	Randomised Complete Block Design with three replicates. Plots were single row by 10 m, with 1.5 m between rows.
Measurements	Taken from up to 10 stalks sampled randomly per plot.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: bi-parental cross made by BSES Limited at Meringa (Gordonvale), QLD, between the seed parent 'Q137' and the pollen parent 'CP67-412'. Seed was collected from the pollinated female inflorescence and stored for germination in 1989. The variety has since been evaluated and selected by BSES in yield trials in the Condong, Broadwater, and Harwood regions in the sugarcane growing areas of northern NSW. Standard commercial varieties were also included in the trials for comparative purposes. Disease resistance screening was conducted at the pathology farm (Eight Mile Plains), in the Tully glasshouse, and in field trials in Indonesia. After an initial seedling stage (using seed from the cross), all subsequent stages have involved vegetative propagation. The variety has been grown through three stages of selection and was found to be uniform and stable. Selection criteria: sugar yield, disease resistance, milling and sugar quality. Propagation: vegetative. Breeder: BSES Limited.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Internode	colour where not exposed to sun	yellow-green
Node	shape of bud	round

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Q136’	
‘Q137’	‘Q137’ is also the seed parent of ‘Q213’

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	‘Q213’	‘Q136’	‘Q137’
<input type="checkbox"/> Plant: stool growth habit	semi-erect	semi-erect to intermediate	semi-erect
<input type="checkbox"/> *Plant: adherence of leaf sheath	weak to medium	medium	medium
<input type="checkbox"/> Plant: tillering	medium	medium	medium
<input type="checkbox"/> Plant: number of suckers	very few	medium to many	very few
<input type="checkbox"/> Plant: leaf canopy	medium to dense	sparse	sparse to medium
<input checked="" type="checkbox"/> *Internode: shape	concave-convex	bobbin-shaped	concave-convex
<input type="checkbox"/> Internode: cross-section	circular	circular	circular
<input type="checkbox"/> *Internode: colour where exposed to sun (RHS colour chart)	yellow-green 144A to 146B	yellow-green (152A) to greyed-brown (N199A), and greyed-red (178A to 178B)	yellow-green (152B)
<input type="checkbox"/> *Internode: colour where not exposed to sun (RHS colour chart)	yellow green 151A and greyed-yellow 160A	yellow-green (153D)	yellow-green (151A)
<input type="checkbox"/> Internode: depth of growth crack	medium	absent or very shallow to shallow	shallow to medium
<input type="checkbox"/> *Internode: expression of zigzag alignment	weak to moderate	moderate to strong	moderate
<input checked="" type="checkbox"/> Internode: waxiness	medium to strong	weak	weak to medium
<input type="checkbox"/> Node: wax ring	medium	narrow to medium	medium
<input type="checkbox"/> *Node: shape of bud	round	round	round
<input checked="" type="checkbox"/> Node: bud prominence	weak	strong	medium

<input type="checkbox"/>	Node: depth of bud groove	absent or very shallow	absent or very shallow	absent or very shallow
<input type="checkbox"/>	Node: bud tip in relation to growth ring	clearly below	intermediate	intermediate
<input type="checkbox"/>	Node: bud cushion	absent or very narrow to narrow	absent or very narrow	absent or very narrow to narrow
<input checked="" type="checkbox"/>	Node: width of bud wing	narrow to medium	wide	wide
<input type="checkbox"/>	Leaf sheath: number of hairs	few to medium	absent or very few to few	medium
<input type="checkbox"/>	Leaf sheath: length of hairs	medium	short	short to medium
<input type="checkbox"/>	Leaf sheath: distribution of hairs	lateral and dorsal	only dorsal	only dorsal
<input type="checkbox"/>	Leaf sheath: shape of ligule	crescent-shaped	crescent-shaped	crescent-shaped
<input type="checkbox"/>	Leaf sheath: ligule width	wide	medium	wide
<input type="checkbox"/>	Leaf sheath: length of ligule hairs	medium to long	short to medium	short
<input type="checkbox"/>	Leaf sheath: density of ligule hairs	medium	medium	medium to dense
<input checked="" type="checkbox"/>	Leaf sheath: shape of underlapping auricle	lanceolate	lanceolate	deltoid
<input type="checkbox"/>	Leaf sheath: size of underlapping auricle	small	medium to large	small
<input type="checkbox"/>	Leaf sheath: shape of overlapping auricle	transitional	transitional	transitional
<input type="checkbox"/>	Leaf blade: curvature	curved tips		curved tips
<input type="checkbox"/>	Leaf blade: pubescence on margin	sparse	medium	medium to dense
<input type="checkbox"/>	Leaf blade: serration of margin	present	present	present

Statistical Table

Organ/Plant Part: Context	‘Q213’	‘Q136’	‘Q137’
<input checked="" type="checkbox"/> Culm: height (cm)			
Mean	237.88	313.80	272.82
Std. Deviation	22.49	16.56	20.94
Lsd/sig	22.66	P≤0.01	P≤0.01
Means Separation	i	a	efgh
<input type="checkbox"/> Internode: length (cm)			
Mean	16.55	18.32	17.53
Std. Deviation	1.12	1.62	1.29
Lsd/sig	1.73	ns	ns
Means Separation	fgh	bcdef	defg
<input type="checkbox"/> Internode: diameter (mm)			
Mean	27.10	24.82	23.11
Std. Deviation	2.98	2.07	2.10
Lsd/sig	3.46	ns	ns
Means Separation	ab	abcd	bcd

☑ Node: width of root band (mm)			
Mean	8.20	10.25	9.08
Std. Deviation	0.86	0.69	0.55
Lsd/sig	1.08	P≤0.01	ns
Means Separation	hij	abcd	defgh
☑ Node: width of bud (mm)			
Mean	6.75	8.61	7.30
Std. Deviation	0.96	0.79	0.88
Lsd/sig	1.13	P≤0.01	ns
Means Separation	defgh	ab	cdef
☑ Leaf sheath: length (mm)			
Mean	382.50	320.50	322.73
Std. Deviation	47.73	16.47	18.56
Lsd/sig	18.85	P≤0.01	P≤0.01
Means Separation	ab	fg	fg
☑ Leaf blade: width (mm)			
Mean	44.60	45.67	35.87
Std. Deviation	5.15	3.47	3.78
Lsd/sig	3.73	ns	P≤0.01
Means Separation	abcd	ab	i
☑ Leaf: midrib width (mm)			
Mean	4.36	3.92	3.54
Std. Deviation	0.71	0.36	0.31
Lsd/sig	0.36	P≤0.01	P≤0.01
Means Separation	cd	fghi	ij
☑ Leaf: ratio leaf blade width/midrib width			
Mean	10.36	11.71	10.17
Std. Deviation	1.35	1.00	1.19
Lsd/sig	1.01	P≤0.01	ns
Means Separation	ef	cd	efg
☑ Leaf blade: length (cm)			
Mean	173.40	154.00	154.05
Std. Deviation	20.00	14.74	93.89
Lsd/sig	12.20	P≤0.01	P≤0.01
Means Separation	cd	fghi	fghi

Note: Duncan's Multiple Range Test (DMRT) was used separate the mean values. Mean separation is indicated by letter codes.

Prior Applications and Sales

No prior applications. First sold in Australia in Sep 2003.

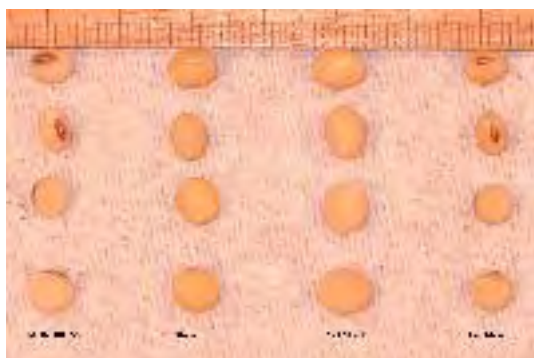
Description: **George Piperidis**, BSES Limited, Mackay, QLD.

Plant Varieties Journal - Search Result Details**Soybean (*Glycine max*)****Variety:** 'Stuart'**Synonym:** N/A**Application no:** 2005/056**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 28-Feb-2005**Accepted:** 18-Apr-2005**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Commonwealth Scientific and Industrial Research Organisation**Agent:** N/A**Telephone:** 0732142278**Fax:** 0732142272

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Details of Application

Application Number	2005/056
Variety Name	'Stuart'
Genus Species	<i>Glycine max</i>
Common Name	Soybean
Synonym	Nil
Accepted Date	18 Apr 2005
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT.
Agent	Nil
Qualified Person	Andrew James

Details of Comparative Trial

Location	CSIRO Cooper research station, Gatton 4343
Descriptor	
Period	31 Jan 2005 to 30 May 2005
Conditions	Trial sown on 31 Jan 05 into 1.5 metre beds formed from a well-prepared seed bed. Trial watered every 14 days and maintained substantially free of insect pests except whitefly which caused some damage.
Trial Design	A randomised complete block design with three replicates. Each plot consisted of a one metre row containing 25 plants.
Measurements	Plants scored for hypocotyl colour, hypocotyl anthocyanin pigmentation, stem termination, plant growth habit, plant pubescence colour, plant height, leaf blistering, shape of lateral leaflet, size of lateral leaflet, leaf intensity of green colour, flower colour, pod intensity of brown colour, seed size, seed shape, seed coat colour, seed hilum colour, seed colour of hilum funicle. Days to flowering and physiological maturity were taken on a plot basis. At maturity average main stem length and average number of main stem nodes were recorded on a five plant sub-sample from each plot.

Origin and Breeding

Controlled pollination: seed parent 'CM60-10KR-71' x pollen parent 'WAM 392'. The F₁ hybrid was made in the glasshouse of CSIRO, St Lucia Brisbane in Apr 1999. The F₁ seed was harvested in May 1999 and a single seed sown in Jun 1999. The plant was verified as an F₁ by very light grey hilum colour in seed harvested from the F₁ plant compared with dark brown hilum of the maternal parent and yellow hilum of the pollen parent. Seed was harvested from the F₁ plant in Oct and immediately sown. Upon maturity, F₂ seed was sown in the field at Walkamin. Single plants possessing apparent immunity to soybean rust (*Phakopsora pachyrhizi*) and late maturity were advanced to the F₃ and F₄ generation. The F₄ generation was again grown in Walkamin in 2001 and single plant selections made for light hilum, apparent immunity to soybean rust (*Phakopsora pachyrhizi*) and upright plant architecture. Varietal evaluation for grain yield and agronomic traits was then conducted in Jun sowing at Ayr in 2001 through to 2004 and in Dec and Jan sowing dates in Ayr and Walkamin in 2001 though to 2004.

Grain from all trials was evaluated using a near infra red analyser for protein and oil content. In the summer of 2002/03, selections were made for resistance to bacterial pustule bacterial pustule (*Xanthomonas campestris* pv. *phaseoli*), bacterial blight (*Pseudomonas syringae* pv. *glyciniae*) and downy mildew (*Peronospora manshurica*). Grain from the 2003 harvests was also evaluated for tofu quality traits. Seed with a brown hilum rather than grey occurs as an off type at a frequency of less than one in one thousand seed. Selection criteria: light hilum, late maturity, soybean rust immunity, high grain and dry matter yield. Breeder: Andrew James, CSIRO, St. Lucia, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant maturity	time of maturity	late to very late
Pubescence	colour	tawny
Flower	colour	violet
Hypocotyl	anthocyanin colouration	present
Plant height	height	tall
Leaf	shape of lateral leaflet	pointed ovate
Leaf	size of lateral leaflet	medium
Seed	ground colour of testa	yellow
Plant flowering	time of beginning of flowering	late to vary late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Leichhardt'	
'CM60-10KR-71'	'CM60-10KR-71' is thought to be a mutant differing by enhanced rust tolerance and flower colour from its parent variety CM60 from Thailand. CM60-10KR-71 is a parent of Stuart.
'WAM 392'	'WAM 392' is a selection from the cross Warrigal x Manta. 'WAM 392' is a parent of 'Stuart'.

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	'Stuart'	*'CM60-10KR-71'	*'Leichhardt'	*'WAM 392'
<input checked="" type="checkbox"/> *Hypocotyl: anthocyanin colouration	present	absent	present	present
<input type="checkbox"/> Hypocotyl: intensity of anthocyanin colouration	strong		strong	strong
<input checked="" type="checkbox"/> *Plant: growth type	indeterminate	indeterminate	determinate	determinate
<input type="checkbox"/> Plant: growth habit	erect to semi-erect	semi-erect	semi-erect	erect
<input checked="" type="checkbox"/> *Plant: colour of hairs of main stem	tawny	tawny	tawny	grey
<input checked="" type="checkbox"/> *Plant: height	tall to very tall	tall to very tall	medium to tall	medium
<input type="checkbox"/> Leaf: blistering	medium	medium	medium	medium

<input checked="" type="checkbox"/> *Leaf: shape of lateral leaflet	pointed ovate	pointed ovate	pointed ovate	rounded ovate
<input type="checkbox"/> Leaf: size of lateral leaflet	medium	medium	medium	medium to large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Flower: colour	violet	white	violet	violet
<input checked="" type="checkbox"/> Pod: intensity of brown colour	medium	dark	medium	very light
<input checked="" type="checkbox"/> Seed: size	medium to large	small to medium	small to medium	medium to large
<input type="checkbox"/> Seed: shape	spherical flattened	spherical flattened	spherical flattened	spherical flattened
<input type="checkbox"/> *Seed: ground colour of testa	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> *Seed: hilum colour	grey	dark brown	dark brown	yellow
<input type="checkbox"/> Seed: colour of hilum funicle	same as testa	same as testa	same as testa	same as testa
<input type="checkbox"/> *Plant: time of beginning of flowering	late to very late	late to very late	late to very late	medium to late
<input type="checkbox"/> *Plant: time of maturity	late to very late	late to very late	late to very late	medium to late

Statistical Table

	‘Stuart’	*‘CM60-10KR-71’	*‘Leichhardt’	*‘WAM 392’
<input checked="" type="checkbox"/> Flowering: time of 50% flowering (days)				
Mean	44.00	46.33	52.67	33.67
Std. Deviation	1.00	0.58	0.58	0.58
LSD/sig	1.13	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Maturity: time of physiological maturity (days)				
Mean	107.33	118.00	118.67	98.00
Std. Deviation	2.08	0.00	0.58	1.00
LSD/sig	3.18	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Nodes: number of nodes on the main stem (count)				
Mean	18.73	17.93	17.13	9.33
Std. Deviation	0.81	0.12	0.23	0.31
LSD/sig	0.74	P≤0.01	P≤0.01	P≤0.01
<input checked="" type="checkbox"/> Height: length of the main stem (cm)				
Mean	64.26	69.07	61.27	32.33
Std. Deviation	0.70	1.85	2.32	2.04
LSD/sig	3.54	P≤0.01	ns	P≤0.01

Prior Applications and Sales

Nil.

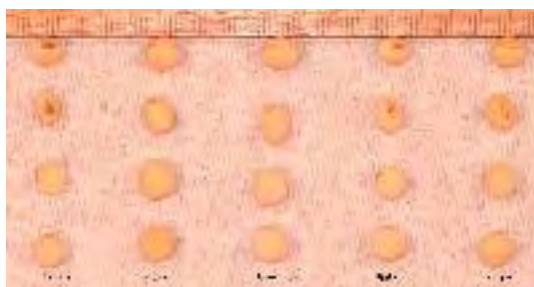
Description: **Andrew James**, CSIRO, St. Lucia, QLD.

Plant Varieties Journal - Search Result Details**Soybean (*Glycine max*)****Variety:** 'Snowy'**Synonym:** N/A**Application no:** 2005/057**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 28-Feb-2005**Accepted:** 10-Jun-2005**Granted:** N/A

**Description
published in
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Journal:** Volume 18, Issue 2

Title Holder: Commonwealth Scientific and Industrial Research Organisation**Agent:** N/A**Telephone:** 0732142278**Fax:** 0732142272

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



Details of Application

Application Number	2005/057
Variety Name	'Snowy'
Genus Species	<i>Glycine max</i>
Common Name	Soybean
Synonym	Nil
Accepted Date	10 June 2005
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT.
Agent	Nil
Qualified Person	Andrew James

Details of Comparative Trial

Location	CSIRO Cooper research station, Gatton 4343
Descriptor	TG/80/6
Period	31 Jan 2005 to 30 May 2005
Conditions	Trial sown on 31 Jan 05 into 1.5 metre beds formed from a well-prepared seed bed. Trial watered every 14 days and maintained substantially free of insect pests except whitefly which caused some damage.
Trial Design	A randomised complete block design with three replicates. Each plot consisted of a one metre row containing 25 plants.
Measurements	Plants scored for hypocotyl colour, hypocotyl anthocyanin pigmentation, stem termination, plant growth habit, plant pubescence colour, plant height, leaf blistering, shape of lateral leaflet, size of lateral leaflet, leaf intensity of green colour, flower colour, pod intensity of brown colour, seed size, seed shape, seed coat colour, seed hilum colour, seed colour of hilum funicle. Days to flowering and physiological maturity were taken on a plot basis. At maturity average main stem length and average number of main stem nodes were recorded on a five plant sub-sample from each plot.

Origin and Breeding

Controlled pollination: seed parent 'Arunta' x pollen parent 'Harovinton'. The F₁ hybrid was made in the glasshouse of CSIRO, St Lucia Brisbane in Dec 1996. The F₁ seed was harvested in Jan 1997 and a single seed sown in Feb 1997. The plant was verified as a F₁ by the presence of anthocyanin pigmentation in the hypocotyl inherited from its pollen parent compared with absence of anthocyanin (green colour) of the maternal hypocotyl. Anthocyanin pigmentation is inherited as a single dominant gene in soybean. Seed was harvested from the F₁ plant in May and immediately sown. Upon maturity, F₂ seed was again sown in the glasshouse. F₄ seed was sown in the field at Gatton in Jan 1998. Those F₄ seedlings which exhibited low incidence of bacterial pustule bacterial pustule (*Xanthomonas campestris* pv. *phaseoli*), bacterial blight (*Pseudomonas syringae* pv. *glycinae*), and downy mildew (*Peronospora manshurica*) were harvested and sent to Yanco for field evaluation in 1999 though to 2004 for yield and agronomic traits and in Brisbane for tofu quality traits. 97016-11 was evaluated for immunity to phytophthora root rot (*Phytophthora sojae*) by the Qld Department of Primary Industries. Seed with a buff rather than yellow occurs with a frequency of fewer than one seed per one thousand. Selection criteria: clear hilum, early maturity, phytophthora root rot immunity, high yield and quality. Breeder: Andrew James, CSIRO, St. Lucia, QLD.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Hypocotyl	anthocyanin pigmentation	absent
Plant	growth type	indeterminate
Plant	growth habit	erect
Plant	colour of hairs on main stem	grey
Plant	height	medium
Leaf	shape of lateral leaflet	lanceolate
Leaf	size of lateral leaflet	medium
Leaf	intensity of green colour	medium
Flower	colour	white
Pod	intensity of brown colour	light
Seed	shape	spherical flattened
Seed	ground colour of testa	yellow
Plant	time of beginning of flowering	medium
Plant	time of maturity	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Djakyl'	
'Empyle'	
'Arunta'	'Arunta' is seed parent of 'Snowy'
'Harovinton'	'Harovinton' is pollen parent of 'Snowy'

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	'Snowy'	*'Arunta'	*'Djakyl'	*'Empyle'	*'Harovinton'
<input checked="" type="checkbox"/> *Hypocotyl: anthocyanin colouration	absent	absent	absent	absent	present
<input type="checkbox"/> *Plant: growth type	indeterminate	indeterminate	indeterminate	indeterminate	indeterminate
<input type="checkbox"/> Plant: growth habit	erect	erect to semi-erect	erect	erect	erect to semi-erect
<input type="checkbox"/> *Plant: colour of hairs of main stem	grey	tawny	grey	grey	grey
<input type="checkbox"/> *Plant: height	medium	medium	medium	medium	medium
<input type="checkbox"/> Leaf: blistering	absent or very weak to weak	absent or very weak to weak	absent or very weak to weak	absent or very weak to weak	absent or very weak to weak
<input checked="" type="checkbox"/> *Leaf: shape of lateral leaflet	lanceolate	lanceolate	lanceolate	lanceolate	rounded ovate
<input checked="" type="checkbox"/> Leaf: size of lateral leaflet	medium	small to medium	medium	medium	large
<input type="checkbox"/> Leaf: intensity of green colour	medium	medium	medium	medium	medium
<input checked="" type="checkbox"/> *Flower: colour	white	white	white	white	violet
<input checked="" type="checkbox"/> Pod: intensity of brown colour	light	medium to dark	light	light	very light

<input checked="" type="checkbox"/> Seed: size	medium to large	small to medium	small to medium	small	large
<input type="checkbox"/> Seed: shape	spherical flattened	spherical flattened	spherical flattened	spherical flattened	spherical flattened
<input type="checkbox"/> *Seed: ground colour of testa	yellow	yellow	yellow	yellow	yellow
<input checked="" type="checkbox"/> *Seed: hilum colour	yellow	imperfect black	light brown	light brown	yellow
<input type="checkbox"/> Seed: colour of hilum funicle	same as testa	same as testa	same as testa	same as testa	same as testa
<input checked="" type="checkbox"/> *Plant: time of beginning of flowering	medium	medium	medium	medium	early to medium
<input checked="" type="checkbox"/> *Plant: time of maturity	medium	medium	medium	medium	early to medium

Statistical Table

	‘Snowy’	*‘Arunta’	*‘Djakyl’	*‘Empyle’	*‘Harovinton’
<input checked="" type="checkbox"/> Flowering: days to 50% flowering					
Mean	26.67	26.67	28.00	26.67	24.67
Std. Deviation	0.58	0.58	0.00	0.58	0.58
LSD/sig	0.84	ns	P≤0.01	ns	P≤0.01
<input checked="" type="checkbox"/> Nodes: number on main stem (count)					
Mean	9.94	10.73	10.66	10.90	9.67
Std. Deviation	0.82	0.46	1.14	1.03	0.46
LSD/sig	0.98	ns	ns	ns	ns
<input type="checkbox"/> Height: length of main stem (cm)					
Mean	32.33	29.93	32.67	33.40	31.06
Std. Deviation	2.23	3.34	2.00	2.96	2.50
LSD/sig	3.37	ns	ns	ns	ns
<input checked="" type="checkbox"/> Maturity: days from sowing to maturity					
Mean	73.00	72.67	71.33	75.67	73.00
Std. Deviation	1.00	0.58	0.58	1.15	1.00
LSD/sig	1.09	ns	P≤0.01	P≤0.01	ns

Prior Applications and Sales

Nil.

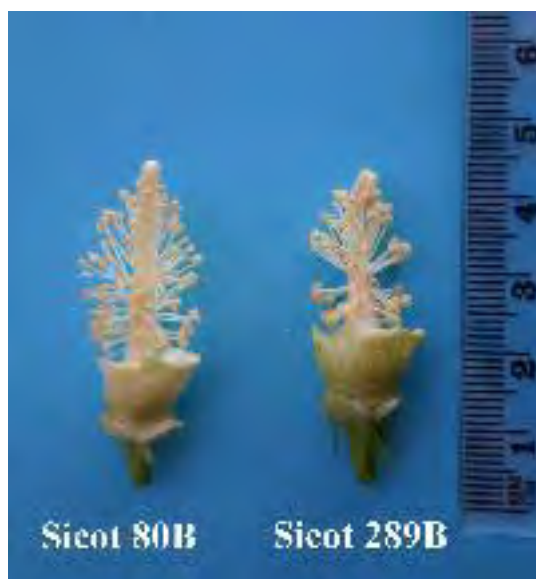
Description: **Andrew James**, CSIRO, St. Lucia, QLD.

Plant Varieties Journal - Search Result Details**Cotton (*Gossypium hirsutum*)****Variety:** 'Sicot 80B'**Synonym:** N/A**Application no:** 2004/275**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Sep-2004**Accepted:** 05-Oct-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Commonwealth Scientific and Industrial Research Organisation**Agent:** N/A**Telephone:** 0262464911**Fax:** 0262465000

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



Details of Application

Application Number	2004/275
Variety Name	'Sicot 80B'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	05 Oct 2004
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT.
Agent	Nil
Qualified Person	Peter Reid

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW.
Descriptor	TG/88/6
Period	Summer 2004/5
Conditions	Field grown irrigated trial with conventional management.
Trial Design	16 entry trial in a row and column design with six replicates and two rows x 14m plots.
Measurements	Morphological measurements on 10 plants from each plot. Cry2Ab protein expression was demonstrated on these plants using lateral flow ELISA strips manufactured by Strategic Diagnostics Inc., Newark, DE. Lint % and fibre quality measurements taken on a 400g subsample from the harvest of a whole row. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.

RHS Chart - edition**Origin and Breeding**

Controlled pollination: seed parent line 20435F₁ x pollen parent 'Sicot 80' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri, NSW. The seed parent line 20435F₁ is distinguished from 'Sicot 80B' by its segregation for Cry2Ab protein expression. The pollen parent 'Sicot 80' is distinguished from 'Sicot 80B' by its lack of Cry2Ab protein expression. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint %, fibre quality and yield. Propagation: seed. Breeder: Dr Greg Constable, Mr Peter Reid and Dr Warwick Stiller, CSIRO, Narrabri NSW

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	palmate
Plant	habit	erect
Boll	time of opening	late
Plant	height	tall
Boll	size	med-large
Disease resistance	bacterial blight	resistant
Disease resistance	verticillium wilt	resistant
Disease resistance	fusarium wilt	moderately resistant
Leaf	pubescence	weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Sicot 289B’	
‘Sicot 80’	pollen parent

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

Organ/Plant Part: Context	‘Sicot 80B’	*‘Sicot 289B’	*‘Sicot 80’
<input type="checkbox"/> *Flower: colour of petal	cream	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above	above
<input type="checkbox"/> Fruiting branch: length	medium to long	medium to long	medium to long
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered	non-clustered
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present	present
<input type="checkbox"/> Boll: size	medium to large	medium to large	medium to large
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	medium	medium	medium
<input type="checkbox"/> *Plant: shape	conical	conical	conical
<input type="checkbox"/> *Plant: height	tall	tall	tall

<input type="checkbox"/> *Boll: time of opening	late	late	late
<input type="checkbox"/> *Seed: presence of fuzz	present	present	present
<input checked="" type="checkbox"/> Boll: content of lint	high	high	high to very high
<input checked="" type="checkbox"/> *Fibre: length	medium to long	medium	medium
<input type="checkbox"/> Fibre: strength	strong	strong	strong
<input type="checkbox"/> Fibre: fineness	medium	medium	medium
<input type="checkbox"/> Fibre: colour	white	white	white

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sicot 80B’	‘Sicot 289B’	‘Sicot 80’
<input checked="" type="checkbox"/> Plant: Cry1Ac protein expression	present	present	absent
<input checked="" type="checkbox"/> Plant: Cry2Ab protein expression	present	present	absent

Statistical Table

Organ/Plant Part: Context	‘Sicot 80B’	‘Sicot 289B’	‘Sicot 80’
<input type="checkbox"/> Plant: height (cm)			
Mean	96.40	93.70	94.30
Std. Deviation	5.28	7.56	6.68
LSD/sig	5.8	ns	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)			
Mean	122.90	125.00	120.90
Std. Deviation	11.00	11.21	8.90
LSD/sig	13.2	ns	ns
<input type="checkbox"/> Peduncle: length (mm)			
Mean	20.30	21.30	20.80
Std. Deviation	1.93	2.26	1.39
LSD/sig	1.9	ns	ns
<input checked="" type="checkbox"/> Stigma: distance above stamens (mm)			
Mean	3.20	1.80	3.50
Std. Deviation	0.98	0.60	0.78
LSD/sig	0.6	P≤0.01	ns
<input checked="" type="checkbox"/> Boll: lint proportion (%)			
Mean	42.20	42.70	44.20
Std. Deviation	0.99	0.86	1.02
LSD/sig	1.0	ns	P≤0.01
<input checked="" type="checkbox"/> Fibre: length (mm)			
Mean	29.70	28.90	29.40
Std. Deviation	0.60	0.37	0.64
Lsd/sig	0.71	P≤0.01	ns
<input checked="" type="checkbox"/> Fibre: length uniformity (%)			
Mean	81.90	80.70	82.30
Std. Deviation	0.76	0.90	1.38
LSD/sig	1.18	P≤0.01	ns

☐ Fibre: strength (g/tex)

Mean	28.50	28.70	28.80
Std. Deviation	0.82	1.23	1.65
LSD/sig	1.3	ns	ns

☒ Fibre: extension (%)

Mean	4.40	3.98	4.85
Std. Deviation	0.32	0.21	0.14
LSD/sig	0.27	P≤0.01	P≤0.01

☐ Fibre: micronaire

Mean	4.80	4.93	4.63
Std. Deviation	0.18	0.27	0.29
LSD/sig	0.2	ns	ns

Prior Applications and Sales

No prior application. First sold in Australia in Sep 2004.

Description: **Warwick Stiller and Peter Reid**, ACRI, Narrabri, NSW.

Plant Varieties Journal - Search Result Details**Cotton (*Gossypium hirsutum*)**

Variety: 'Sicot F-1'
Synonym: N/A

Application no: 2004/274
Current status: ACCEPTED
Certificate no: N/A
Received: 22-Sep-2004
Accepted: 05-Oct-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A
Telephone: 0262464911
Fax: 0262465000

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



Details of Application

Application Number	2004/274
Variety Name	'Sicot F-1'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	5 Oct 2004
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT.
Agent	Nil
Qualified Person	Peter Reid

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW
Descriptor	TG/88/6
Period	Summer 2004/5
Conditions	Field grown irrigated trial with conventional management
Trial Design	16 entry trial in a row and column design with six replicates and two rows x 14m plots
Measurements	Morphological measurements on 10 plants from each plot. Lint % and fibre quality measurements taken on a 400g subsample from the harvest of a whole row. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: seed parent line 'Sicot 189' x pollen parent line 88023 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent line 'Sicot 189' is distinguished from 'Sicot F-1' by having a longer fruiting branch first internode. The pollen parent line 88023 is distinguished from 'Sicot F-1' by its yellow pollen colour. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint %, fibre quality and yield. Propagation: seed. Breeder: Mr PE Reid, CSIRO, Narrabri NSW

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	tall
Boll	time of opening	late
Boll	size	med-large
Bacterial blight	resistance	resistant
Verticillium wilt	resistance	resistant
Fusarium wilt	resistance	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sicot 189'	Seed parent

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

Organ/Plant Part: Context	'Sicot F-1'	*'Sicot 189'
<input type="checkbox"/> *Flower: colour of petal	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	yellow and cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input checked="" type="checkbox"/> Fruiting branch: length	medium	medium to long
<input type="checkbox"/> *Plant: type of flowering	semi-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	medium	medium
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present
<input type="checkbox"/> Boll: size	medium to large	medium to large
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	short to medium	short to medium
<input type="checkbox"/> *Plant: shape	conical	conical
<input type="checkbox"/> *Plant: height	tall	tall
<input type="checkbox"/> *Boll: time of opening	late	late

<input type="checkbox"/> *Seed: presence of fuzz	present	present
<input type="checkbox"/> Boll: content of lint	high	high
<input type="checkbox"/> *Fibre: length	medium	medium
<input type="checkbox"/> Fibre: strength	strong	strong
<input type="checkbox"/> Fibre: fineness	medium	medium
<input type="checkbox"/> Fibre: colour	white	white

Statistical Table

Organ/Plant Part: Context	‘Sicot F-1’	‘Sicot 189’
<input type="checkbox"/> Plant: height (cm)		
Mean	90.60	89.30
Std. Deviation	7.58	7.95
LSD/sig	5.8	ns
<input checked="" type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	86.30	114.90
Std. Deviation	8.66	13.53
LSD/sig	13.2	P≤0.01
<input checked="" type="checkbox"/> Peduncle: length (mm)		
Mean	19.75	21.80
Std. Deviation	2.23	2.19
LSD/sig	1.9	P≤0.01
<input checked="" type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	1.10	2.80
Std. Deviation	0.86	0.46
LSD/sig	0.6	P≤0.01
<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	82.20	81.70
Std. Deviation	0.84	0.42
LSD/sig	1.18	ns
<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	29.90	30.40
Std. Deviation	1.14	0.80
LSD/sig	1.3	ns
<input checked="" type="checkbox"/> Fibre: extension (%)		
Mean	4.64	4.22
Std. Deviation	0.23	0.42
LSD/sig	0.27	P≤0.01
<input type="checkbox"/> Boll: lint proportion (%)		
Mean	41.50	42.40
Std. Deviation	0.92	0.50
LSD/sig	1.0	ns
<input checked="" type="checkbox"/> Fibre: length (mm)		
Mean	28.70	29.60

Std. Deviation	0.70	0.27
LSD/sig	0.71	$P \leq 0.01$
☐ Fibre: micronaire		
Mean	4.62	4.57
Std. Deviation	0.25	0.23
LSD/sig	0.2	ns

Prior Applications and Sales

No prior application. First sold in Australia in Sep 2004.

Description: **Warwick Stiller and Peter Reid**, ACRI, Narrabri, NSW.

Plant Varieties Journal - Search Result Details**Cotton (*Gossypium hirsutum*)****Variety:** 'Siokra 24'**Synonym:** N/A**Application no:** 2004/273**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 22-Sep-2004**Accepted:** 05-Oct-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Commonwealth Scientific and Industrial Research Organisation**Agent:** N/A**Telephone:** 0262464911**Fax:** 0262465000

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



Details of Application

Application Number	2004/273
Variety Name	'Siokra 24'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	05 Oct 2004
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT.
Agent	Nil
Qualified Person	Peter Reid

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW
Descriptor	TG/88/6
Period	Summer 2004/5
Conditions	Field grown irrigated trial with conventional management
Trial Design	16 entry trial in a row and column design with six replicates and two rows x 14m plots
Measurements	Morphological measurements on 10 plants from each plot. Lint percentage and fibre quality measurements taken on a 400g subsample from 15 dryland trials between 2000/1 and 2003/4 grown from Narrabri to Dalby. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: seed parent 'Siokra V-15' x pollen parent line CSX115 in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent 'Siokra V-15' is distinguished from 'Siokra 24' by its shorter and less erect habit. The pollen parent line CSX115 is distinguished from 'Siokra 24' by its taller plant habit. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint %, fibre quality and yield. Propagation: seed. Breeders: Dr Warwick Stiller and Dr Greg Constable, CSIRO, Narrabri NSW

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	height	med-tall
Leaf	shape	digitate
Leaf	pubescence	weak
Plant	habit	erect
Boll	time of opening	med-late
Boll	size	med-large
Bacterial blight	resistance	resistant
Verticillium wilt	resistance	moderate resistance

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments		
'Siokra V-16'			
Organ/Plant Part: Context		'Siokra 24'	*'Siokra V-16'
<input type="checkbox"/> *Flower: colour of petal		cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal		absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen		cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers		above	above
<input type="checkbox"/> Fruiting branch: length		medium to long	medium to long
<input type="checkbox"/> *Plant: type of flowering		non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length		medium	medium
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch		medium	medium
<input type="checkbox"/> *Leaf: shape		digitate	digitate
<input type="checkbox"/> *Leaf: pubescence		weak	weak
<input type="checkbox"/> *Leaf: nectaries		present	present
<input type="checkbox"/> Boll: size		medium to large	medium to large
<input type="checkbox"/> *Boll: shape in longitudinal section		ovate	ovate
<input type="checkbox"/> Boll: pitting of surface		fine	fine
<input checked="" type="checkbox"/> *Boll: length of peduncle		medium to long	long
<input type="checkbox"/> *Plant: shape		conical	conical
<input type="checkbox"/> *Plant: height		medium to tall	medium to tall
<input type="checkbox"/> *Boll: time of opening		medium to late	medium to late
<input type="checkbox"/> *Seed: presence of fuzz		present	present
<input type="checkbox"/> Boll: content of lint		high	high
<input type="checkbox"/> *Fibre: length		medium to long	medium to long
<input checked="" type="checkbox"/> Fibre: strength		medium to strong	strong
<input type="checkbox"/> Fibre: fineness		fine to medium	fine to medium
<input type="checkbox"/> Fibre: colour		white	white

Statistical Table

Organ/Plant Part: Context	'Siokra 24'	'Siokra V-16'
<input type="checkbox"/> Plant: height (cm)		
Mean	88.30	91.30
Std. Deviation	6.20	5.40
LSD/sig	5.8	ns
<input type="checkbox"/> Boll: lint proportion (%)		
Mean	43.00	43.10
Std. Deviation	1.06	0.54
LSD/sig	1.0	ns
<input checked="" type="checkbox"/> Fibre: strength (g/tex)		
Mean	29.77	31.10
Std. Deviation	2.68	2.06
LSD/sig	0.91	P≤0.01
<input type="checkbox"/> Fibre: extension (%)		
Mean	8.21	7.95
Std. Deviation	2.09	2.05
LSD/sig	0.65	ns
<input type="checkbox"/> Fibre: micronaire		
Mean	4.12	4.23
Std. Deviation	0.62	0.53
LSD/sig	0.23	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	101.20	105.00
Std. Deviation	15.50	10.73
LSD/sig	13.2	ns
<input checked="" type="checkbox"/> Peduncle: length (mm)		
Mean	22.00	25.00
Std. Deviation	1.15	1.77
LSD/sig	1.9	P≤0.01
<input type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	2.70	3.30
Std. Deviation	0.48	0.70
LSD/sig	0.6	ns
<input type="checkbox"/> Fibre: length (mm)		
Mean	28.70	28.70
Std. Deviation	0.06	0.05
LSD/sig	0.02	ns
<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	83.20	83.70
Std. Deviation	1.72	1.48
LSD/sig	0.6	ns

Prior Applications and Sales

No prior application. First sold in Australia in Sep 2004.

Description: **Warwick Stiller and Peter Reid**, ACRI, Narrabri, NSW.

Plant Varieties Journal - Search Result Details**Cotton (*Gossypium hirsutum*)**

Variety: 'Sicot 73'
Synonym: N/A

Application no: 2004/056
Current status: ACCEPTED
Certificate no: N/A
Received: 20-Feb-2004
Accepted: 18-Mar-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Commonwealth Scientific and Industrial Research Organisation

Agent: N/A
Telephone: 0262464911
Fax: 0262465000

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



Details of Application

Application Number	2004/056
Variety Name	'Sicot 73'
Genus Species	<i>Gossypium hirsutum</i>
Common Name	Cotton
Synonym	Nil
Accepted Date	18 Mar 2004
Applicant	Commonwealth Scientific and Industrial Research Organisation, Canberra, ACT.
Agent	Nil
Qualified Person	Peter Reid

Details of Comparative Trial

Location	Australian Cotton Research Institute, Narrabri, NSW
Descriptor	TG/88/6
Period	Summer 2004/5
Conditions	Field grown irrigated trial with conventional management
Trial Design	16 entry trial in a row and column design with six replicates and two rows x 14m plots
Measurements	Morphological measurements on 10 plants from each plot. Lint % and fibre quality measurements taken on a 400g subsample from the harvest of a whole row. Fibre quality was measured on a Zellweger Uster HVI 900 instrument.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination: seed parent 'Sicala 40' x pollen parent 'Sicot 189' in a planned breeding program at the Australian Cotton Research Institute (ACRI), Narrabri NSW. The seed parent 'Sicala 40' is distinguished from 'Sicot 73' by its shorter fruiting branch length. The pollen parent 'Sicot 189' is distinguished from 'Sicot 73' by its lower lint percentage. Single plant selection followed by progeny row and multiple environment trials were carried out. Selection criteria: plant habit, resistance to bacterial blight, verticillium and fusarium wilt, leaf hair, lint percentage, fibre quality and yield. Propagation: seed. Breeder: Mr PE Reid, CSIRO, Narrabri, NSW.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Leaf	shape	palmate
Leaf	pubescence	weak
Plant	habit	erect
Plant	height	Tall
Boll	time of opening	late
Boll	size	med-large
Disease resistance	bacterial blight	resistant
Disease resistance	verticillium wilt	resistant

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
Sicot 189	Pollen parent

Organ/Plant Part: Context	‘Sicot 73’	*‘Sicot 189’
<input type="checkbox"/> *Flower: colour of petal	cream	cream
<input type="checkbox"/> Flower: intensity of spot on petal	absent or very weak	absent or very weak
<input type="checkbox"/> *Flower: colour of pollen	cream	cream
<input type="checkbox"/> Flower: position of stigma relative to anthers	above	above
<input type="checkbox"/> Fruiting branch: length	medium to long	medium to long
<input type="checkbox"/> *Plant: type of flowering	non-clustered	non-clustered
<input type="checkbox"/> Fruiting branch: average internode length	medium to long	medium
<input type="checkbox"/> Plant: number of nodes to the lowest fruiting branch	medium	medium
<input type="checkbox"/> *Leaf: shape	palmate	palmate
<input type="checkbox"/> *Leaf: pubescence	weak	weak
<input type="checkbox"/> *Leaf: nectaries	present	present
<input type="checkbox"/> Boll: size	medium to large	medium to large
<input type="checkbox"/> *Boll: shape in longitudinal section	ovate	ovate
<input type="checkbox"/> Boll: pitting of surface	fine	fine
<input type="checkbox"/> *Boll: length of peduncle	medium	short to medium
<input type="checkbox"/> *Plant: shape	conical	conical
<input type="checkbox"/> *Plant: height	tall	tall
<input type="checkbox"/> *Boll: time of opening	late	late
<input type="checkbox"/> *Seed: presence of fuzz	present	present
<input checked="" type="checkbox"/> Boll: content of lint	high to very high	high

<input type="checkbox"/> *Fibre: length	medium	medium
<input type="checkbox"/> Fibre: strength	strong	strong
<input type="checkbox"/> Fibre: fineness	medium	medium
<input type="checkbox"/> Fibre: colour	white	white

Statistical Table

Organ/Plant Part: Context	‘Sicot 73’	‘Sicot 189’
<input type="checkbox"/> Plant: height (cm)		
Mean	89.40	89.30
Std. Deviation	5.62	7.95
LSD/sig	5.8	ns
<input type="checkbox"/> Fruiting branch: first internode length (mm)		
Mean	127.70	114.90
Std. Deviation	15.86	13.53
LSD/sig	13.2	ns
<input type="checkbox"/> Stigma: distance above stamens (mm)		
Mean	3.60	2.80
Std. Deviation	0.75	0.46
LSD/sig	0.6	P≤0.01
<input type="checkbox"/> Fibre: length (mm)		
Mean	29.70	29.60
Std. Deviation	0.92	0.27
LSD/sig	0.71	ns
<input type="checkbox"/> Fibre: length uniformity (%)		
Mean	81.30	81.70
Std. Deviation	1.35	0.42
LSD/sig	1.18	ns
<input type="checkbox"/> Fibre: strength (g/tex)		
Mean	29.50	30.40
Std. Deviation	1.52	0.80
LSD/sig	1.3	ns
<input type="checkbox"/> Peduncle: length (mm)		
Mean	22.20	21.80
Std. Deviation	2.37	2.19
LSD/sig	1.9	ns
<input checked="" type="checkbox"/> Boll: lint proportion (%)		
Mean	43.50	42.40
Std. Deviation	1.10	0.50
Lsd/sig	1.0	P≤0.01
<input checked="" type="checkbox"/> Fibre: extension (%)		
Mean	3.88	4.22
Std. Deviation	0.21	0.42
LSD/sig	0.27	P≤0.01
<input type="checkbox"/> Fibre: micronaire		

Mean	4.65	4.57
Std. Deviation	0.26	0.23
LSD/sig	0.2	ns

Prior Applications and Sales

Nil.

Description: **Warwick Stiller and Peter Reid**, ACRI, Narrabri, NSW.

Plant Varieties Journal - Search Result Details**Wheat (*Triticum aestivum*)****Variety:** 'Glover'**Synonym:** N/A**Application no:** 2001/270**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 02-Oct-2001**Accepted:** 06-Nov-2001**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

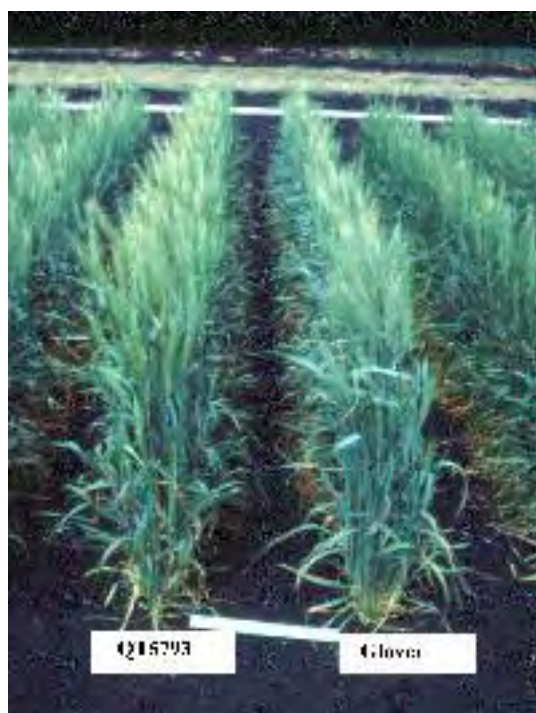
Title Holder: Commonwealth Scientific Industrial Research Organisation and Grains Research and Development Corporation

Agent: N/A

Telephone: 0262465195

Fax: 0262465062

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



Triticum aestivum

Wheat

‘Glover’

Application No: 2001/270 Accepted: 6 Nov 2001.

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

Characteristics Plant: growth habit semi-erect, height medium. Flag leaf: glaucosity of sheath medium. Ear: time of emergence early, glaucosity medium, shape in profile parallel sided, density medium, length medium, colour white. Straw: pith in cross section thin. Awns: presence present, length at tip of ear medium. Lower glume: beak length short. Grain: colour white, hardness hard. Seasonal type: spring type. Disease resistance: resistance to barley yellow dwarf virus (BYDV) present, resistance to stem rust present resistance to leaf rust present, resistance to stripe rust present, tolerance of root lesion nematode (*Pratylenchus thorneii*) very tolerant.

Origin and Breeding Controlled pollination: seed parent ‘TC6 selection’ x 5*pollen parent ‘Hartog’. TC6 was a population of pedigree F₁ Sunstar//L1/Millewa, segregating for resistance to BYDV as described in Banks *et al.* 1995, Genome **38**:395-405; the selection used as the non recurrent parent was resistant to BYDV. L1 is a disomic addition line of winter wheat Vilmorin 27 as described in Cauderon Y. 1966, Ann. Amélior. Plant. **16**:43-70. The backcrosses to Hartog were made in 1990-2 at CSIRO Division of Plant Industry Black Mountain Laboratories, and the BC₄F₂₋₃ were grown at Ginninderra Experiment Station, with selection for low BYDV titre in each generation. The BC₄F₄ generation was grown in a plant breeding nursery at Oakleigh Park in 1995. A selected line designated as QT8733 was evaluated in strain and regional trials, a range of disease resistance and tolerance tests, and in milling and baking tests in 1996 – 2000; it was selected for release as a variety on the basis of the combined results from all of these. QT8733 was, however, found to be heterogeneous and unstable for a range of plant characters, and was reselected from single plants taken in 2001. These selections were increased as bulks during 2002-2004, with selection for grain yield, milling and baking quality, and stem rust, stripe rust, leaf rust and BYDV resistance. One selection, QT13261 (QT8733-G1-34), was chosen as ‘Glover’ on the basis of results obtained during 2002-2004. Selection criteria: BYDV resistance, high yield, and good agronomic and milling and baking characteristics. Propagation: by seed. Off types include tall plants, awnless plants and tip-awned plants, all at a low frequency. ‘Glover’ is distinct from ‘Sunstar’ in being quicker maturing than ‘Sunstar’ and from ‘Millewa’ in that ‘Millewa’ has coloured ears, whereas those of ‘Glover’ are white. It is distinct from ‘Hartog’ in being resistant to BYDV, whereas ‘Hartog’ is susceptible. Breeders: Dr P J Larkin (CSIRO Division of Plant Industry, Cnr Clunies Ross Street and Barry Drive, Black Mountain, Canberra, GPO Box 1600, Canberra, ACT 2601) and Dr P M Banks (The State of Queensland through its Department of Primary Industries and Fisheries), Leslie Research Centre, Toowoomba, QLD, Australia).

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: seasonal type spring, similar agro-ecological adaptation, time to maturity early to medium; Ear: colour white, presence of awns present; Grain: milling and baking quality characteristic; Disease: resistance to stem, leaf and stripe rust; BYDV. ‘Millewa’, ‘Sunstar’ and ‘Hartog’ were included as parents. ‘Sunstate’ and ‘QT5793’ were also included as comparators, due to their similarity to ‘Hartog’. The variety ‘Mackellar’ is resistant to BYDV, but was not included as a comparator as it is awnless and of winter seasonal type, whereas ‘Glover’ is awned and of spring seasonal type. All other varieties were excluded on the grouping characters, insofar as none have both BYDV resistance and spring seasonal type.

Comparative Trial Location: Wellcamp Farm, Toowoomba, QLD, Jul-Nov 2001 and Jul-Nov 2004. Conditions: The trials were grown on well fertilised and irrigated beds. They consisted of 10 plots of each variety in a randomised block design. Each plot was a single 10m row in 2001 and a single 5m row in 2004, with approximately 200 seedlings per plot. The 2001 trial included two generations of QT8733 (the antecedent of ‘Glover’), ‘Millewa’, ‘Sunstar’, ‘Hartog’, ‘QT5793’ and ‘Sunstate’. The results from this trial indicated that QT8733 was different from ‘Millewa’, ‘Sunstar’ and ‘QT5793’ for several plant characters, but was similar to ‘Hartog’ and ‘Sunstate’. The 2004 trial therefore only included ‘Glover’ and ‘Hartog’, while ‘Sunstate’ was also included in the BYDV test. Metric characters were measured on 5 samples from each of 6 replications in the 2001 trial, and from 10 plants in each of three replications in the 2004 trial. Data on BYDV resistance was obtained from tests performed at the CSIRO Black Mountain Laboratories in 2005, on 30 seedlings of ‘Hartog’,

‘Sunstate’ and each of two generations of ‘Glover’. The ELISA method (Banks *et al.* 1995, Genome **38**:395-405) was used to determine resistance to PAV serotype BYDV.

Prior Applications and Sales

Nil

Description: **Dr Tony Done**, Toowoomba, QLD.

Table *Triticum* varieties

‘Glover’	*‘Hartog’	*‘QT5793’	*‘Sunstar’	*‘Millewa’	*‘Sunstate’
PLANT: GROWTH HABIT					
semi-erect	semi-erect	semi-erect	semi-erect	semi-erect	semi-erect
PLANT: SEASONAL TYPE					
spring	spring	spring	spring	spring	spring
PLANT: HEIGHT					
medium	medium	medium	medium	medium	medium
STEM: PITH					
thin	thin	thin	thin	thin to medium	thin
FLAG LEAF: GLAUCOSITY OF SHEATH					
medium	medium	medium	medium	medium	medium
EAR: TIME OF EMERGENCE					
early	early	early	medium	early to medium	early to medium
EAR: GLAUCOSITY					
medium to strong	medium to strong	medium	medium to strong	weak	medium
EAR: SHAPE IN PROFILE					
parallel sided	parallel sided	parallel sided	parallel to semi-clavate	parallel sided	parallel sided
EAR: DENSITY					
medium	medium	medium	dense	dense to medium	medium to lax
EAR: LENGTH					
medium	medium	medium	short	short to medium	medium
EAR: COLOUR					
white	white	white	white	coloured	white
AWNS: PRESENCE					
present	present	present	present	present	present
AWNS: LENGTH AT TIP OF EAR					
medium	medium	medium	medium	long	medium
LOWER GLUME: BEAK LENGTH					
short	short	medium	short	medium	short
GRAIN: COLOUR					
white	white	white	white	white	white
DISEASE RESISTANCE: RESISTANCE TO BARLEY YELLOW DWARF VIRUS (BYDV) (ELISA method)					
resistant	susceptible	n/a	n/a	n/a	susceptible

Plant Varieties Journal - Search Result Details

Chickpea (*Cicer arietinum*)

Variety: 'Flipper'
Synonym: N/A

Application no: 2004/334
Current status: ACCEPTED
Certificate no: N/A
Received: 17-Dec-2004
Accepted: 22-Apr-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

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

Agent: N/A
Telephone: 0263913540
Fax: 0263913563

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



Details of Application

Application Number	2004/334
Variety Name	'Flipper'
Genus Species	<i>Cicer arietinum</i>
Common Name	Chickpea
Synonym	Nil
Accepted Date	22 Apr 2005
Applicant	Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research and Development Corporation, Barton, ACT.
Agent	Nil
Qualified Person	Alan Cruickshank

Details of Comparative Trial

Location	Kingaroy, South-East Queensland, Australia.
Descriptor	TG/143/3
Period	28 Jun 2004 to 2 Dec 2004
Conditions	The DUS trial was sown on 28 June 2004, in a Euchrozem soil at Kingaroy. Supplementary irrigation was applied on the day of planting and emergence was consequently slower than optimum. There was some foraging by hares which had a significant impact on plant stature and shape but only in the first replicate. The trial received several supplementary irrigations, and one application of protectant fungicide, so that (apart from the hares) it was effectively stress-free. The trial was harvested by cutting plants (on 2 December 2004) and drying them in a glasshouse prior to threshing.
Trial Design	The DUS trial was a randomised complete block with four replicates. There were two generations each of three candidate varieties and five potential comparator varieties: Jimbour, Howzat, Amethyst, Norwin and Lasseter. For many characteristics the first replicate was disregarded for reasons described above.

Measurements	The crop establishment of each plot was measured on 19 August 2004. Observations of plant descriptors were made at several points during the season, particularly on 10 November. At this time peduncle length, pod length and width, number of branches and length of main stem were measured on 2 plants from each of replicates 2 to 4. Prior to harvest the height of 3 standing bushes in each plot was measured. Post harvest, the weight of 100 mature seed was measured and the counted seed retained.
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Origin and Breeding

Controlled pollination: complex cross 8517-4/ 2 /Amethyst/3/8507-28H/ 2 /Norwin was completed at Tamworth in 1993. The bulk cross was advanced to F₄. A single plant was selected in the F₄. Selection criteria: F₄ derived line was selected for yield, grain quality, resistance to *Ascochyta* blight and tolerance of *Phyphthora* root rot. Pure seed is derived from 165 single plants selected at F_{4.5} (from within the F₄ derived line) and bulked after selection for trueness to type. There are no off types in this line. Since the selection of this line it has advanced through four generations prior to entry into the DUS experiment at Kingaroy. Breeder: Ted Knights, NSW Agriculture.

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
Pod	Time of maturity	medium
Seed	Type	desi-type
Leaflet	Size	medium
Seed	Colour	beige and tan
Stem	Anthocyanin colouration	present

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jimbour'	Medium maturity excludes – 'Amethyst' (early), WACPE2012 (early), 'Barwon' (late) and 'Lasseter' (late). Stem colouration excludes 'Gully' and 'Norwin'.
'Howzat'	Seed type desi excludes all kabuli lines such as 'Bumper' and 'Kaniva'.

Varieties of Common Knowledge identified above and subsequently excluded

Varieties of Common Fungicide Resistant above and subsequently checked				
Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety
	Organ/Plant Context			
	Part			
‘Lasseter’	Pod	Time of maturity	medium	late
‘Norwin’	Leaflet	Size	medium	small
‘Amethyst’	Pod	Time of maturity	medium	early

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

Organ/Plant Part: Context	‘Flipper’	*‘Howzat’	*‘Jimbour’
<input type="checkbox"/> *Plant: height	medium to tall	short to medium	medium
<input type="checkbox"/> *Plant: attitude	erect	semi-erect to prostrate	erect to semi-erect
<input type="checkbox"/> Plant: intensity of ramification	medium	medium	weak to medium
<input type="checkbox"/> *Stem: anthocyanin colouration	present	present	present
<input type="checkbox"/> Stem: height of insertion of first flower	medium	low	medium
<input type="checkbox"/> *Foliage: intensity of green colour	medium	medium	medium
<input type="checkbox"/> *Leaflet: size	medium	medium	medium
<input type="checkbox"/> *Flower: colour	purplish pink	purplish pink	purplish pink
<input type="checkbox"/> Peduncle: length	medium	medium	medium
<input type="checkbox"/> *Pod: size	small to medium	medium	medium
<input type="checkbox"/> *Pod: intensity of green colour	light	light	light
<input type="checkbox"/> Pod: length of beak	short	short	short
<input type="checkbox"/> *Pod: predominant number of ovules	two	two	two
<input type="checkbox"/> *Seed: colour	beige	beige	beige
<input type="checkbox"/> *Seed: intensity of colour	medium	medium	medium
<input checked="" type="checkbox"/> *Seed: weight	low to medium	medium	medium
<input type="checkbox"/> *Seed: shape	angular	angular	angular
<input checked="" type="checkbox"/> *Seed: ribbing	strong	medium to strong	medium to strong
<input type="checkbox"/> *Time of: flowering	medium	medium	medium
<input type="checkbox"/> *Time of: maturity of pod	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Flipper’	*‘Howzat’	*‘Jimbour’
<input checked="" type="checkbox"/> Plant: Ascochyta blight reaction	moderately resistant	moderately susceptible	highly susceptible
<input type="checkbox"/> Plant: Phytophthora root rot reaction	moderately susceptible	moderately susceptible	intermediate

Statistical Table

Organ/Plant Part: Context	‘Flipper’	*‘Howzat’	*‘Jimbour’
☑ Seed: 100 seed weight (g/100 mature seed)			
Mean	17.60	22.90	22.20
Std. Deviation	1.17	0.85	1.24
LSD/sig	2.3	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Alan Cruickshank**, QDPI, Kingaroy, QLD.

Plant Varieties Journal - Search Result Details

Chickpea (*Cicer arietinum*)

Variety: 'Yorker'
Synonym: N/A

Application no: 2004/333
Current status: ACCEPTED
Certificate no: N/A
Received: 17-Dec-2004
Accepted: 22-Apr-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

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

Agent: N/A
Telephone: 0263913540
Fax: 0263913563

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



Details of Application**Application Number**

2004/333

Variety Name

'Yorker'

Genus Species*Cicer arietinum***Common Name**

Chickpea

Synonym

Nil

Accepted Date

22 Apr 2005

Applicant

Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research and Development Corporation, Barton, ACT.

Agent

Nil

Qualified Person

Alan Cruickshank

Details of Comparative Trial**Location**

Kingaroy, South-East Queensland, Australia.

Descriptor

TG/143/3

Period

28 Jun 2004 to 2 Dec 2004

Conditions

The DUS trial was sown on 28 June 2004, in a Euchrozem soil at Kingaroy. Supplementary irrigation was applied on the day of planting and emergence was consequently slower than optimum. There was some foraging by hares which had a significant impact on plant stature and shape but only in the first replicate. The trial received several supplementary irrigations, and one application of protectant fungicide, so that (apart from the hares) it was effectively stress-free. The trial was harvested by cutting plants (on 2 December 2004) and drying them in a glasshouse prior to threshing.

Trial Design

The DUS trial was a randomised complete block with four replicates. There were two generations each of three candidate varieties and five potential comparator varieties: Jimbour, Howzat, Amethyst, Norwin and Lasseter. For many characteristics the first replicate was disregarded for reasons described above.

Measurements

The crop establishment of each plot was measured on 19 August 2004. Observations of plant descriptors were made at several points during the season, particularly on 10 November. At this time peduncle length, pod length and width, number of branches and length of main stem were measured on 2 plants from each of replicates 2 to 4. Prior to harvest the height of 3 standing bushes in each plot was measured. Post harvest, the weight of 100 mature seed was measured and the counted seed retained.

Origin and Breeding

Controlled pollination: Initial cross 946-31/8507-28H was made at Tamworth in 1991. The bulk cross was advanced to F₅. A single plant was selected in F₅. Selection criteria: resulting line was tested for yield, seed quality, and reaction to Ascochyta blight and Phytophthora root rot. Initial selection removed material with different seed size, there are now no off types in this line. Pure seed is a composite of 250 selected F_{5.6} individuals from within the F₅ derived line. Since the last selection within this line it has advanced through four generations prior to entry into the DUS experiment at Kingaroy. Breeder: Ted Knights, NSW Agriculture.

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 Varieties
Stem	Anthocyanin	present
	colouration	
Leaflet	Size	medium
Seed	Type	desi-type
Seed	Colour	beige or tan
Pod	Time of maturity	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jimbour'	Medium maturity excludes – 'Amethyst' (early), WACPE2012 (early), 'Barwon' (late) and 'Lasseter' (late). Stem colouration excludes 'Gully' and 'Norwin'. Seed type desi excludes all kabuli lines such as 'Bumper' and 'Kaniva'.
'Howzat'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety
	Organ/Plant Context			
	Part			
'Lasseter'	Pod	Time of maturity	medium	late
'Norwin'	Leaflet	Size	medium	small
'Amethyst'	Pod	Time of maturity	medium	early
'Lasseter'	Pod	Time of maturity	medium	late

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

Organ/Plant Part: Context	‘Yorker’	*‘Howzat’	*‘Jimbour’
<input type="checkbox"/> *Plant: height	medium	short to medium	medium
<input checked="" type="checkbox"/> *Plant: attitude	semi-erect	semi-erect to prostrate	erect to semi-erect
<input type="checkbox"/> Plant: intensity of ramification	medium	medium	weak to medium
<input type="checkbox"/> *Stem: anthocyanin colouration	present	present	present
<input checked="" type="checkbox"/> Stem: height of insertion of first flower	medium	low	medium
<input type="checkbox"/> *Foliage: intensity of green colour	medium	medium	medium
<input type="checkbox"/> *Leaflet: size	medium	medium	medium
<input type="checkbox"/> *Flower: colour	purplish pink	purplish pink	purplish pink
<input type="checkbox"/> Peduncle: length	short to medium	medium	medium
<input type="checkbox"/> *Pod: size	medium to large	medium	medium
<input type="checkbox"/> *Pod: intensity of green colour	light	light	light
<input type="checkbox"/> Pod: length of beak	short	short	short
<input type="checkbox"/> *Pod: predominant number of ovules	two	two	two
<input type="checkbox"/> *Seed: colour	beige	beige	beige
<input type="checkbox"/> *Seed: intensity of colour	medium	medium	medium
<input type="checkbox"/> *Seed: weight	medium	medium	medium
<input checked="" type="checkbox"/> *Seed: shape	round to angular	angular	angular
<input checked="" type="checkbox"/> *Seed: ribbing	weak	medium to strong	medium to strong
<input type="checkbox"/> *Time of: flowering	medium	medium	medium
<input type="checkbox"/> *Time of: maturity of pod	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Yorker’	*‘Howzat’	*‘Jimbour’
<input checked="" type="checkbox"/> Plant: Ascochyta blight reaction	intermediate	moderately susceptible	highly susceptible
<input type="checkbox"/> Plant: Phytophthora root rot reaction	moderately resistant	moderately susceptible	intermediate

Statistical Table

Organ/Plant Part: Context	‘Yorker’	*‘Howzat’	*‘Jimbour’
☐ Seed: 100 seed weight (g/100 mature seed)			
Mean	23.40	22.90	22.20
Std. Deviation	1.00	0.85	1.24
LSD/sig	2.3	ns	ns

Prior Applications and Sales

Nil.

Description: **Alan Cruickshank**, QDPI, Kingaroy, QLD.

Plant Varieties Journal - Search Result Details**Potato (*Solanum tuberosum*)**

Variety: 'Daisy'
Synonym: G86TT198.1

Application no: 2002/061
Current status: ACCEPTED
Certificate no: N/A
Received: 19-Mar-2002
Accepted: 26-Jun-2002
Granted: N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

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

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



Solanum tuberosum

Potato

‘Daisy’ syn G86TT198.1

Application No: 2002/061 Accepted 26 Jun 2002

Applicant: **Germicopa SA**, Cedax, France.Agent: **Griffith Hack**, Melbourne, VIC.

Characteristics Lightsprout: size medium, shape ovoid, anthocyanin colouration of base red-violet, intensity of anthocyanin colouration of base weak to medium, size of tip in relation to base small, habit of tip closed to medium, anthocyanin colouration of tip absent or very weak, pubescence of tip weak, number of root tips medium, protrusion of lenticels medium, length of lateral shoots short. Plant: height tall, type intermediate, growth habit semi-upright, time of maturity medium to late. Stem: thickness of main stem medium, extension of anthocyanin colouration absent or very weak at axils and along wings, colour of nodes in relation to internodes lighter green, size of nodes in relation to internodes slightly enlarged, prominence of wings not prominent, attitude of wings straight, anthocyanin colouration of underground portion of stem absent. Leaf: size small to medium, silhouette closed to medium, green colour medium to dark, extension of anthocyanin colouration of midrib absent. Leaflet: size small to medium, width medium to broad, frequency of coalescence low, waviness of margin medium to strong (particularly strong in the apical foliage), depth of veins deep, glossiness of the upper side dull to medium. Leaf midrib: frequency of secondary leaflets medium to high. Inflorescence: size medium, anthocyanin colouration of the peduncle absent or very weak, anthocyanin colouration of the pedicel medium to abscission layer then weakly present to and on calyx, frequency of buds medium to low, persistence of buds moderate, frequency of flowers low. Flower: anthocyanin colouration of bud medium red-violet at base, white tipped. Flower corolla: size medium, colour of inner side red-violet, intensity of anthocyanin colouration of inner side medium to strong, size of white tips small. Anther: colour yellow, structure slightly malformed. Stigma: protrusion before bud opening no. Fruit: frequency of fruits absent or very few. Tuber: shape oval, depth of eyes shallow, smoothness of skin smooth to medium, colour of skin light yellow, colour of base of eye light yellow, colour of flesh yellow, anthocyanin colouration of skin in reaction to light absent or very weak.

Origin and Breeding Controlled pollination: seed parent ‘Gipsy’ x pollen parent ‘Culpa’. The seed parent was characterised by intermediate maturity, white flowers and long to oval tubers. The pollen parent was characterised by intermediate maturity, red violet flowers and oval tubers. Hybridisation took place in Chateauneuf du Faou in France in 1985. Selection criteria: from this cross seedling number G86TT198 was selected for its uniform oval shaped tubers of medium dry matter content suitable for processing into chips and for its very high resistance to potato virus A and X and to *Globodera rostochiensis* race 1 and 4. Propagation: by vegetative means through tissue culture of pathogen-free tissue, minituber and tuber production. No off types have been reported or observed in seed crops or trials conducted to date. Breeder: Germicopa SA 1, allée Loeiz herrieu Quimper cedex 29334 France.

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Stem: anthocyanin colouration absent or very weak. Leaflet: waviness of margin medium to strong. Flower: colour medium to strong red-violet. Tuber: colour of skin light yellow, colour of flesh yellow. On the basis of these groupings the variety ‘Granola’ was included in the trial. The seed parent was not included as its flower colour is white and the pollen parent was not included as its maturity is intermediate, and neither parent is commercially grown in Australia.

Comparative Trial Location: Department of Primary Industries, Toolangi, Victoria Australia (Latitude 37°32’ South, elevation 550m), summer to autumn 2004/5. Conditions: field grown in red-brown kraznozom soils; fertilised (pre-planting) with Incitec Pivot Croplift 800 banded at 1800 Kg/ha; irrigation, pest and disease protection as necessary. Trial design: randomised complete block of 6 varieties arranged in three two row replicates of 30 plants per replicate, planted Nov 10 2004, harvested Apr 4 2005. Measurements: field measurements from 20 randomly selected plants, tuber measurements from 30 randomly selected tubers per replicate. Lightsprouts grown at room temperature and exposed to continuous artificial illumination. Source of light 6 volt AC incandescent bulbs, 8 per square metre placed 25 cm above tubers.

Prior Applications and Sales

Country	Year Applied	Current Status	Name Applied
EU	1998	Granted	‘Daisy’
Brazil	2001	Granted	‘Daisy’
Canada	2001	Applied	‘Daisy’
Chile	2001	Applied	‘Daisy’
Colombia	2001	Granted	‘Daisy’
Hungary	2001	Applied	‘Daisy’
Israel	2001	Granted	‘Daisy’
New Zealand	2002	Applied	‘Daisy’
Poland	2001	Granted	‘Daisy’
Russian Federation	2002	Granted	‘Daisy’
United States	2001	Applied	‘Daisy’
South Africa	2002	Applied	‘Daisy’

First sold in France 27 Mar 1998.

Description: **Tony Slater, Graeme Wilson**, Department of Primary Industries Toolangi, Victoria.

Table *Solanum* varieties

	‘Daisy’	*‘Granola’
LIGHTSPROUT: SIZE	medium	medium
LIGHTSPROUT: SHAPE	ovoid	ovoid
LIGHTSPROUT: ANTHOCYANIN COLOURATION OF BASE	red-violet	red-violet
LIGHTSPROUT: ANTHOCYANIN COLOURATION OF BASE	weak to medium	medium to strong
LIGHTSPROUT: PUBESCENCE OF BASE	weak to medium	very weak
LIGHTSPROUT: HABIT OF TIP	closed to medium	open
LIGHTSPROUT: ANTHOCYANIN COLOURATION OF TIP	absent or very weak	medium to strong
LIGHTSPROUT: PUBESCENCE OF TIP	weak	medium to strong
LIGHTSPROUT: PROTRUSION OF LENTICELS	medium	medium
STEM: EXTENSION OF ANTHOCYANIN COLOURATION	absent or very weak	absent or very weak
LEAF: SIZE	small to medium	medium
LEAF: SILHOUETTE	closed to medium	open
LEAF: GREEN COLOUR	medium to dark	dark
LEAF: EXTENSION OF ANTHOCYANIN COLOURATION OF MIDRIB	absent	absent
LEAFLET: WAVINESS OF MARGIN	medium to strong	absent or very weak
LEAFLET: DEPTH OF VEINS	deep	medium
INFLORESCENCE: SIZE	medium	medium-large
INFLORESCENCE: FREQUENCY OF FLOWERS	low	high
INFLORESCENCE: ANTHOCYANIN COLOURATION OF BUD	medium (white tipped)	medium-weak (green tipped)
INFLORESCENCE: SIZE OF WHITE TIPS		

	small	absent
INFLORESCENCE: FREQUENCY OF FRUITS	absent or very few	many
FLOWER COROLLA: INTENSITY OF ANTHOCYANIN COLOURATION OF INNER SIDE	medium to strong	medium
FLOWER COROLLA: COLOUR OF INNER SIDE	red-violet	red-violet
TUBER: SHAPE	oval	round-oval
TUBER: DEPTH OF EYES	shallow	medium
TUBER: SMOOTHNESS OF SKIN	smooth to medium	medium
TUBER: COLOUR OF SKIN	light yellow	light yellow
TUBER: COLOUR OF BASE OF EYE	light yellow	light yellow
TUBER: COLOUR OF FLESH	yellow	yellow
TUBER: ANTHOCYANIN COLOURATION OF SKIN IN REACTION TO LIGHT (YELLOW SKIN)	absent or very weak	absent or very weak

Plant Varieties Journal - Search Result Details**Sulla (*Hedysarum coronarium*)**

Variety: 'Moonbi'
Synonym: N/A

Application no: 2005/071
Current status: ACCEPTED
Certificate no: N/A
Received: 09-Mar-2005
Accepted: 07-May-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Grains Research & Development Corporation, Australian Wool Innovation Ltd and Minister for Agriculture, Food and Fisheries

Agent: N/A
Telephone: 0885249661
Fax: 0885249088

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



Details of Application

Application Number	2005/071
Variety Name	'Moonbi'
Genus Species	<i>Hedysarum coronarium</i>
Common Name	Sulla
Synonym	Nil
Accepted Date	7 May 2005
Applicant	Grains Research and Development Corporation, Canberra, ACT, Australian Wool Innovation Ltd, Sydney, NSW and Minister for Agriculture, Food and Fisheries, Adelaide, SA.
Agent	Nil
Qualified Person	Carolyn de Koning

Details of Comparative Trial

Location	Turretfield Research Centre, South Australia
Descriptor	No UPOV descriptor for Sulla. The General descriptor was used.
Period	May 2004 to May 2005
Conditions	Seeds were placed in petri dishes on the 26th May 2004 and germinated at 20 C. Seeds with root radicles were then carefully planted in soil filled plastic jiffy trays with one seed per cell (100 cells per tray) on the 28th May 2004. Jiffy trays were watered with a slurry of Rhizobium suitable for Sulla. On the 30th June 2004 seedlings were transplanted to the field.
Trial Design	SpaDes (Spatial Design Generator) was used to design the trial. There was a total of 4 replicates, within each replicate there were 12 treatments. Within a replicate each treatment had 22 plants, therefore each treatment had a total of 88 plants. Within a treatment plants were planted in two rows 50cm apart, within a row plants were also 50cm apart. Pathways between treatments were 1.5 m wide.
Measurements	The following characteristics were measured on vegetative plants; Plant height, Plant: growth habit, Plant: branching, Stem thickness, Leaf: shape of terminal leaflet, Leaf: length of terminal leaflet, Leaf: width of terminal leaflet, Leaf: number per stem and Leaflet: number per leaf. The following characters were measured on reproductive plants; Flower: time to first flower, Flower: length of dry flower head, Seed: hard seed breakdown over 4 months, Seed: weight of 1,000 seeds

Origin and Breeding

Controlled pollination: In 2001, the parent lines (SA 34,408, SA 34,409, SA 26,213 and SA 35,310) were mixed by Mr. Steve Hughes as part of a partial diallel crossing program at SARDI, Waite campus, South Australia and were sown Jun 2001. Seed was harvested as first generation seed. In 2002 first generation seed was sown and seed harvested at the end of 2002 as second generation seed. During 2003, there was a repeat of 2002 activities to bulk-up seed. All mixture combinations were isolated from one another within bee enclosures during flowering. Selection criteria: high seed production, high herbage production and high hard seed. Propagation: seed. Breeders: S. Hughes, C. de Koning, D. Lloyd, A. Humphries and G. Crocker.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	semi-erect
Plant	time of beginning of flowering	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Aokau’	Selected on the basis of time of beginning of flowering.
‘Necton’	Selected on the basis of growth habit and time of beginning of flowering.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context		
‘Grimaldi’	Flower	time to first flower	medium late	‘Grimaldi’ is an Italian variety which is later in flowering than the candidate

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	‘Moonbi’	*‘Aokau’	*‘Necton’
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial	herbaceous perennial
<input checked="" type="checkbox"/> Plant: growth habit	spreading	spreading	erect
<input type="checkbox"/> Plant: size	medium	medium	medium to large
<input checked="" type="checkbox"/> Plant: height	medium	medium	tall
<input type="checkbox"/> Plant: width	broad	medium to broad	medium
<input checked="" type="checkbox"/> Plant: time of beginning of flowering	medium	medium to late	medium to late
<input type="checkbox"/> Leaf: size	medium to large	medium to large	medium to large
<input type="checkbox"/> Leaf: length of blade	medium to long	medium to long	medium to long
<input type="checkbox"/> Leaf: width of blade	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: shape	ovate	obovate	circular (orbiculate)

Statistical Table

Organ/Plant Part: Context	‘Moonbi’	*‘Aokau’	*‘Necton’
<input checked="" type="checkbox"/> Plant: height (cm)			
Mean	8.88	11.95	14.40
Std. Deviation	1.50	1.48	1.81
LSD/sig	2.56		
Means Separation	bc	de	f
<input type="checkbox"/> Stem: thickness (mm)			
Mean	4.59	4.33	4.70
Std. Deviation	0.33	1.06	0.40
LSD/sig	0.76		
Means Separation	c	bc	c
<input checked="" type="checkbox"/> Leaf: number per stem			
Mean	5.85	3.85	4.20
Std. Deviation	1.00	1.02	0.59
LSD/sig	1.83		
Means Separation	de	abc	abc
<input checked="" type="checkbox"/> Leaflet: length (mm)			
Mean	27.41	28.59	34.77
Std. Deviation	2.13	1.88	3.91
LSD/sig	4.00		
Means Separation	b	b	cd
<input checked="" type="checkbox"/> Leaflet: width (mm)			
Mean	22.55	25.86	29.84
Std. Deviation	0.69	3.11	3.61
LSD/sig	4.48		
Means Separation	ab	bcde	f
<input checked="" type="checkbox"/> Flower: time to first flower (days)			
Mean	137.50	146.80	143.75
Std. Deviation	2.08	1.50	2.71
LSD/sig	4.84		
Means Separation	a	c	b
<input type="checkbox"/> Flower: length at maturity (mm)			
Mean	78.80	84.25	80.17
Std. Deviation	6.21	10.75	2.71
LSD/sig	12.32		
	bc	cd	bcd
<input type="checkbox"/> Seed: weight of 1,000 seeds (g)			
Mean	4.92	4.71	4.90
Std. Deviation	0.32	0.21	0.38
LSD/sig	0.39		
Means Separation	c	abc	abc
<input checked="" type="checkbox"/> Seed: hard seed breakdown over 4 months (percent -arcsine transformed)			
Mean	40.51	24.15	29.93
Std. Deviation	2.00	2.36	5.16
LSD/sig	8.62		
Means Separation	de	a	abc

Note: Duncan's Multiple Range Test (DMRT) was used separate the mean values. Mean separation is indicated by letter codes.

Prior Applications and Sales

Nil.

Description: **Carolyn de Koning**, Rosedale, SA.

Plant Varieties Journal - Search Result Details

Sulla (*Hedysarum coronarium*)

Variety: 'Wilpena'
Synonym: N/A

Application no: 2005/070
Current status: ACCEPTED
Certificate no: N/A
Received: 09-Mar-2005
Accepted: 07-May-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Grains Research & Development Corporation, Australian Wool Innovation Ltd and Minister for Agriculture, Food and Fisheries

Agent: N/A
Telephone: 0885249661
Fax: 0885249088

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



Details of Application

Application Number	2005/070
Variety Name	'Wilpena'
Genus Species	<i>Hedysarum coronarium</i>
Common Name	Sulla
Synonym	Nil
Accepted Date	7 May 2005
Applicant	Grains Research and Development Corporation, Canberra, ACT, Australian Wool Innovation Ltd, Sydney, NSW and Minister for Agriculture, Food and Fisheries, Adelaide, SA.
Agent	Nil
Qualified Person	Carolyn de Koning

Details of Comparative Trial

Location	Turretfield Research Centre, South Australia.
Descriptor	No UPOV descriptor for Sulla. The General descriptor was used.
Period	May 2004 to May 2005
Conditions	Seeds were placed in petri dishes on 26 May 2004 and germinated at 20 C. Seeds with root radicles were carefully planted in soil filled plastic jiffy trays with one seed per cell (100 cells per tray) on 28 May 2004. Jiffy trays were watered with a slurry of Rhizobium suitable for Sulla. On 30 June 2004 seedlings were transplanted to the field.
Trial Design	SpaDes (Spatial Design Generator) was used to design the trial. There were 4 replicates, within each replicate there were 12 treatments. Within a replicate each treatment had 22 plants; therefore each treatment had a total of 88 plants. Within a treatment, plants were planted in two rows 50cm apart, within a row plants were also 50cm apart. Pathways between treatments were 1.5m wide.
Measurements	The following characteristics were measured on vegetative plants – Plant: height, Plant: growth habit, Plant: branching, Stem thickness, Leaf: shape of terminal leaflet, Leaf: length of terminal leaflet, Leaf: width of terminal leaflet, Leaf: number per stem, Leaflet: number per leaf. The following characteristics were measured on reproductive plants – Flower: time to first flower, Flower: length of dry flower head, Seed: hard seed breakdown over 4 months, Seed: weight of 1,000 seeds.

Origin and Breeding

Controlled pollination: In 2001, the parent lines (SA 30,503 and SA 32,503) were mixed (by Mr. Steve Hughes) as part of a partial diallel crossing program at SARDI, Waite Campus, South Australia and were sown June 2001. The parental line SA 32, 503 is characterised by semi-erect growth habit. The other parental line SA 30, 503 is characterised by moderate branching. Seed was harvested as first generation seed. In 2002 first generation seed was sown and seed harvested at the end of 2002 as second generation seed. During 2003, there was a repeat of 2002 activities to bulk-up seed. All mixture combinations were isolated from one another within bee enclosures during flowering. Selection criteria: high seed production and high herbage production. Propagation: seed. Breeders: S. Hughes, C. de Koning, D. Lloyd, A. Humphries and G. Crocker.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	erect
Plant	time of beginning of flowering	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Aokau’	Selected on the basis of time of beginning of flowering
‘Necton’	Selected on the basis growth habit and time of beginning of flowering

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/ Plant Part			
‘Grimaldi’	Flower	time to first flower	Medium to late	late
				‘Grimaldi’ is an Italian variety which is later in flowering than the candidate

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	‘Wilpena’	*‘Aokau’	*‘Necton’
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial	herbaceous perennial
<input checked="" type="checkbox"/> Plant: growth habit	erect	spreading	erect
<input type="checkbox"/> Plant: size	medium to large	medium	medium to large
<input checked="" type="checkbox"/> Plant: height	tall	medium	tall
<input type="checkbox"/> Plant: width	medium	medium to broad	medium
<input checked="" type="checkbox"/> Plant: time of beginning of flowering	medium to late	medium to late	medium to late
<input type="checkbox"/> Leaf: size	medium to large	medium to large	medium to large
<input type="checkbox"/> Leaf: length of blade	medium	medium to long	medium to long
<input type="checkbox"/> Leaf: width of blade	medium	medium	medium
<input checked="" type="checkbox"/> Leaf: shape	circular (orbiculate)	obovate	circular (orbiculate)

Statistical Table

Organ/Plant Part: Context	‘Wilpena’	*‘Aokau’	*‘Necton’
<input type="checkbox"/> Plant: height (cm)			
Mean	14.28	11.95	14.40
Std. Deviation	0.78	1.48	1.81
LSD/sig	2.56		
Means Separation	f	de	f
<input type="checkbox"/> Stem: thickness (mm)			
Mean	4.31	4.33	4.70
Std. Deviation	0.73	1.06	0.40
LSD/sig	0.76		
Means Separation	bc	bc	c
<input type="checkbox"/> Leaf: number per stem			
Mean	3.85	3.85	4.20
Std. Deviation	1.69	1.02	0.59
LSD/sig	1.83		
Means Separation	abc	abc	abc
<input checked="" type="checkbox"/> Leaflet: length (mm)			
Mean	35.40	28.59	34.77
Std. Deviation	3.76	1.88	3.91
LSD/sig	4.00		
Means Separation	cde	b	cd
<input type="checkbox"/> Leaflet: width (mm)			
Mean	28.67	25.86	29.84
Std. Deviation	3.70	3.11	3.61
LSD/sig	4.48		
Means Separation	ef	bcde	f
<input checked="" type="checkbox"/> Flower: time to first flower (days)			
Mean	143.75	146.80	143.75
Std. Deviation	2.99	1.50	2.71
LSD/sig	4.84		
Means Separation	bc	c	b
<input checked="" type="checkbox"/> Flower: mature flower head length (mm)			
Mean	100.10	84.25	80.17
Std. Deviation	7.87	10.75	2.71
LSD/sig	12.32		
Means Separation	e	cd	bcd
<input type="checkbox"/> Seed: weight of 1,000 seeds (g)			
Mean	4.99	4.71	4.90
Std. Deviation	0.15	0.21	0.38
LSD/sig	0.39		
Means Separation	c	abc	abc
<input checked="" type="checkbox"/> Seed: hard seed break down over 4 months (percent -arcsine transformed)			
Mean	34.11	24.15	29.93
Std. Deviation	2.05	2.36	5.16
LSD/sig	8.62		
Means Separation	cd	a	abc

Note: Duncan's Multiple Range Test (DMRT) was used separate the mean values. Mean separation is indicated by letter codes.

Prior Applications and Sales

Nil.

Description: **Carolyn de Koning**, Rosedale, SA.

Plant Varieties Journal - Search Result Details**Subterranean Clover (*Trifolium subterraneum* ssp. *brachycalycinum*)****Variety:** 'Mintaro'**Synonym:** N/A**Application no:** 2004/288**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Oct-2004**Accepted:** 29-Nov-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Grains Research and Development Corporation, Australian Wool Innovation Ltd and
Minister for Agriculture, Food and Fisheries

Agent: N/A**Telephone:** 0885249661**Fax:** 0885249088

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



Details of Application

Application Number	2004/288
Variety Name	‘Mintaro’
Genus Species	<i>Trifolium subterraneum</i> ssp. <i>brachycalycinum</i>
Common Name	Subterranean Clover
Synonym	N/A
Accepted Date	29 Nov 2004
Applicant	Grains Research and Development Corporation Barton, ACT, Australian Wool Innovation Ltd, Sydney, NSW and Minister for Agriculture, Food and Fisheries, Adelaide, SA.
Agent	N/A
Qualified Person	Carolyn de Koning

Details of Comparative Trial

Location	Turretfield Research Centre, South Australia
Descriptor	TG/170/3
Period	May 2004 to May 2005
Conditions	Seeds were sown into peat jiffy pellets on the 14th May 2004. Following sowing the jiffy pellets were watered with a slurry of <i>Rhizobium</i> inoculum type C. Jiffy pellets were placed on outdoor propagation tables. Seedlings were transplanted to the field on the 22nd June 2004.
Trial Design	SpaDes (Spatial Design Generator) was used to design the trial. There was a total of 5 replicates, within each replicate there were 6 treatments. Within a replicate each treatment had 8 plants (2 were spares), therefore each treatment had a total of 40 plants. Within a treatment plants were spaced 1.2 m apart to allow for the extra long runners of. ssp. <i>brachycalycinum</i> . There were 2 m pathways between treatments.
Measurements	Leaflet: pattern of mark, Stipules: degree of anthocyanin flush, Petiole: pubescence, Peduncle: pubescence, Time to start flowering, Calyx tube: hue, Calyx tube: colour of hue, Calyx tube: distribution of colouration, Stem (runner): degree of hairiness, Seed: colour (fresh mature seed), Seed: hard seed breakdown over four months and Seed: weight of 1,000 seeds.
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: ‘Mintaro’ is the result of a cross made in 1988 of ‘Rosedale’ and the accession CPI 70100. F₂ seed was sent to Turretfield Research Centre, SA in 1991. Subsequent generations and selections were made in the field at Turretfield. In 1991 F₃ seed was produced from spaced plants, 1993 F₄ seed was produced from row plantings, 1994 spaced plants resulted in F₅ seed, 1995 rows of plants produced F₆ seed, 1996 spaced plants resulted in F₇ seed and in 1997 stable F₈ seed was generated from row plantings. Selection criteria: less hard seed and more productivity than ‘Rosedale’. Propagation: seed. Breeder: Phil Nichols, Perth, WA.

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	start of flowering	midseason
Seed	colour	cream

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Rosedale'	

Varieties of Common Knowledge identified above and subsequently excluded

Articles of Common Knowledge as to the Distinctive Use of and Subsequent Infringement					
Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context			
‘Clare’	flower	time to first flower	medium	late	nil
‘Antas’	flower	time to first flower	medium	late	nil
‘Clare’	seed	colour	cream	black	nil
‘Antas’	seed	colour	cream	black	nil

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	'Mintaro'	*'Rosedale'
<input checked="" type="checkbox"/> Leaf: hairiness of petiole	medium	weak
<input checked="" type="checkbox"/> *Leaflet: pattern of mark	a pair of arms and a crescent	a pair of arms only
<input type="checkbox"/> Leaflet: width of arms (only for varieties with arms)	narrow to medium	narrow
<input checked="" type="checkbox"/> Leaflet: clarity of arms (only for varieties with arms)	clear	faint
<input type="checkbox"/> Leaflet: colour of arms (only for varieties with arms)	white	white
<input type="checkbox"/> Leaflet: position of crescent (only for varieties with crescent)	central	
<input type="checkbox"/> Leaflet: position of arms relative to crescent (only for varieties with both a crescent and arms)	arms adjacent only to crescent	
<input type="checkbox"/> Leaflet: base of crescent (only for varieties with crescent)	Type C1	
<input type="checkbox"/> Leaflet: colour of crescent (only for varieties with crescent)	white	
<input type="checkbox"/> Leaflet: indentation of distal margin	weak	weak
<input type="checkbox"/> Leaflet: degree of anthocyanin flecks	absent or very weak	
<input type="checkbox"/> Stipules: degree of anthocyanin colouration	weak	medium

<input type="checkbox"/>	*Time of: start of flowering	medium	medium
<input type="checkbox"/>	*Calyx tube: hue	absent	absent
<input checked="" type="checkbox"/>	Peduncle: degree of hairiness	medium	weak
<input type="checkbox"/>	*Stem (runner): degree of hairiness	medium	weak
<input type="checkbox"/>	*Seed: colour	cream	cream
<input checked="" type="checkbox"/>	Seed: weight of 1000 seeds	high	medium
<input checked="" type="checkbox"/>	*Seed: hard seed breakdown over four months	medium	slow

Statistical Table

Organ/Plant Part: Context		‘Mintaro’	*‘Rosedale’
<input type="checkbox"/>	Flower: start to first flower (days from sowing)		
	Mean	115.40	114.00
	Std. Deviation	2.07	1.73
	LSD/sig	2.571	ns
<input checked="" type="checkbox"/>	Seed: hard seed breakdown (percentage -arcsine transformed)		
	Mean	48.23	63.05
	Std. Deviation	3.04	4.10
	LSD/sig	4.42	P≤0.01
<input checked="" type="checkbox"/>	Seed: weight of 1,000 seeds (g)		
	Mean	8.70	7.39
	Std. Deviation	1.16	0.71
	LSD/sig	1.15	P≤0.01

Prior Applications and Sales

Nil.

Description: **Carolyn de Koning**, Rosedale, SA.

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Harbadge'

Synonym: N/A

Application no: 2001/318

Current status: ACCEPTED

Certificate no: N/A

Received: 09-Nov-2001

Accepted: 09-May-2003

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Harkness New Roses Ltd

Agent: S Brundrett & Sons (Roses) Pty Ltd

Telephone: 0356223556

Fax: 0356223494

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



Rose

Rosa hybrid

‘Harbadge’

Application No: 2001/318 Accepted: 9 May 2003.

Applicant: **Harkness New Roses Ltd**, Hitchin, UK

Agent: **S Brundrett & Sons (Roses) Pty Ltd**, Warragul, VIC.

Characteristics Plant: growth habit broad bushy, height short, width broad. Young shoot: anthocyanin colouration strong, hue of anthocyanin colouration reddish brown to purple. Prickles: present, shape of lower side concave. Short prickles: number absent or very few. Long prickles: number medium to many. Leaf: size medium, green colour dark, glossiness of upper side medium. Leaflet: cross section concave, undulation of margin medium. Terminal leaflet: length of blade long (mean 51.4mm std deviation 7.1), width of blade medium (mean 32.4mm std deviation 3.3), shape of base rounded. Flowering shoot: number of flowers many. Flower pedicel: number of hairs or prickles few. Flower bud: shape of longitudinal section ovate. Flower: colour white, type double, number of petals very many, diameter large (mean 98.4mm std deviation 4.4), view from above irregularly rounded, side view of upper part flattened convex, side view of lower part flattened convex, fragrance absent or very weak. Sepal: (length 31.7mm std deviation 1.9), extensions weak. Petal: size medium, colour of middle zone of inner side white RHS 155B, colour of marginal zone of inner side white RHS 155B, spot at base of inner side absent, colour of middle zone of outer side white RHS 155B, colour of marginal zone of outer side white RHS 155B, spot at base of outer side absent, reflexing of margin weak to medium, undulation of margin weak. Outer stamen: predominant colour of filament yellow. Stigma: height in relation to anthers level. Style: main colour yellow green. Seed vessel: size at petal fall medium. Hip: shape of longitudinal section pitcher-shaped. Flowering habit: almost continuous flowering. (measurements from local observations, RHS colour chart refers to 2001 edition.)

Origin and Breeding Controlled pollination: seed parent ‘Harroony’ syn Amber Queen x pollen parent ‘Harwanted’ syn Many Happy Returns. The seed parent is characterised by clear pink colour. The pollen parent is characterised by clear yellow colour. The seed parent ‘Harroony’ was crossed with pollen parent ‘Harwanted’ and the resultant mature hips harvested from the seed parent. The seeds were extracted, planted under optimum conditions and the seedlings produced grown to full flower. The new variety was selected from within this seedling population. The growth performance of ‘Harbadge’ was closely monitored and assessed over many years. Selection criteria: robust floribunda shrub rose, flower colour and floriferousness. Propagation: by shoot cuttings and plants proved genetically stable over at least five generations. Breeder: P.A and R.B. Harkness, Harkness Roses Ltd, Hitchin, UK.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour group light orange red, and Plant: growth type floribunda shrub rose. Based of these grouping characteristics the variety ‘Ausjolly’ syn Mary Magdalene (2000/109) was selected as the closest comparator by the qualified person. It differs from ‘Harbadge’ in overall flower form and other characters as listed in the Table below. The seed parent ‘Harroony’ syn Amber Queen differs from ‘Harbadge’ in having flower colour clear amber yellow, and no reflexing of petals. The pollen parent ‘Harwanted’ produced flowers with white outer petals and soft pink inner petals, together with arching canes. No other variety of common knowledge was identified by the qualified person to have characteristics identical to ‘Harbadge’.

Comparative Trial Location: the comparative trial was conducted at Warragul, Victoria in autumn 2005 (Southern Hemisphere). Conditions: healthy cuttings together with those of the comparator were rooted under hygienic conditions, and the young plants planted into a well-structured and well drained clay loam soil suitable for rose production. Water supplied by drip irrigation as required. Plant

nutrients applied as required. The variety was grown under natural climatic conditions and under minimum stress. Two year old plants were used for the study. These were pruned in summer to produce an autumn flush of flowers. Seasonal conditions proved ideal for good flower production and performance. Trial design: a representative sample of plants of the candidate and comparator were used in the trial. Observations were made at random from within the plant population. Measurements were taken at random from various plants.

Prior Applications and Sales

Prior applications nil. First sold in UK in Nov 1997.

Description: **Brian C Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Table *Rosa* varieties

	‘Harbadge’	*‘Ausjolly’
PLANT: WIDTH	broad	medium
YOUNG SHOOT: ANTHOCYANIN COLOURATION	strong	weak to medium
SHORT PRICKLES: NUMBER	absent or very few	many
LEAF: GREEN COLOUR	dark	light to medium
FLOWER: VIEW FROM ABOVE	irregularly rounded	round
FLOWER: SIDE VIEW OF UPPER PART	flattened convex	flat
FLOWER: SIDE VIEW OF LOWER PART	flattened convex	convex
FLOWER: FRAGRANCE	absent or very weak	medium
PETAL: COLOUR OF MIDDLE ZONE OF INNER SIDE (RHS)	155B	N155C
PETAL: COLOUR OF MARGINAL ZONE OF INNER SIDE (RHS)	155B	N155C
PETAL: COLOUR OF SPOT AT BASE OF INNER SIDE (RHS)	N/A	2D
PETAL: COLOUR OF MIDDLE ZONE OF OUTER SIDE (RHS)	155B	N155C
PETAL: COLOUR OF MARGINAL ZONE OF OUTER SIDE (RHS)	155B	N155C
PETAL: COLOUR OF SPOT AT BASE OF OUTER SIDE (RHS)	N/A	2D
PETAL: UNDULATION OF MARGIN	weak	medium

Plant Varieties Journal - Search Result Details**Rose (*Rosa hybrid*)**

Variety: 'Hardwell'
Synonym: Penny Lane

Application no: 2002/014
Current status: ACCEPTED
Certificate no: N/A
Received: 21-Jan-2002
Accepted: 17-Jun-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Harkness New Roses Ltd
Agent: S Brundrett & Sons (Roses) Pty Ltd
Telephone: 0356223556
Fax: 0356223494

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



Rosa hybrid

Rose

‘Hardwell’ syn Penny Lane

Application No: 2002/014 Accepted: 17 Jun 2003.

Applicant: **Harkness New Roses Ltd**, Hitchin, UK.

Agent: **S Brundrett & Sons (Roses) Pty Ltd**, Warragul, VIC.

Characteristics Plant: growth habit broad bushy, height medium, width very broad. Young shoot: anthocyanin colouration weak, hue of anthocyanin colouration reddish brown to purple. Prickles: present, shape of lower side concave. Short prickles: number absent or very few. Long prickles: number medium. Leaf: size small, green colour medium to dark, glossiness of upper side strong. Leaflet: cross section concave, undulation of margin medium. Terminal leaflet: length of blade medium (mean 31.2mm std deviation 4.5), width of blade medium (mean 24.8mm std deviation 2.8), shape of base rounded. Flowering shoot: number of flowers few. Flower pedicel: number of hairs or prickles medium to many. Flower bud: shape of longitudinal section broad-ovate. Flower: colour of outer petals off-white, colour of centre apricot blends, type double, number of petals many, diameter large (mean 87.2mm std deviation 2.5), view from above irregularly rounded, side view of upper part flattened convex, side view of lower part concave, fragrance weak. Sepal: (length mean 21.2mm std deviation 0.9), extensions weak. Petal: size medium, colour of middle zone of inner side off-white RHS 155D, colour of marginal zone of inner side off-white RHS 155B, spot at base of inner side present, size of spot at base of inner side very small, colour of spot at base of inner side yellow RHS 2D, colour of middle zone of outer side off-white RHS 155D, colour of marginal zone of outer side off-white RHS 155C, spot at base of outer side present, size of spot at base of outer side very small, colour of spot at base of outer side yellow RHS 2D, reflexing of margin medium, undulation of margin weak to medium. Outer stamen: predominant colours of filament yellow and pink. Stigma: height in relation to anthers below. Style main colour green. Seed vessel: size at petal fall large. Hip: shape of longitudinal section pear-shaped. Flowering habit: almost continuous flowering. (measurements from local observations, RHS colour chart refers to 2001 edition.)

Origin and Breeding Controlled pollination: seed parent ‘Harkaramel’ syn Anne Harkness x pollen parent ‘New Dawn’. The seed parent is characterised by saffron yellow flower colour. The pollen parent is characterised by pale pink flower colour. Seed parent ‘Harkaramel’ syn Anne Harkness was crossed with pollen parent ‘New Dawn’ in Jun 1990. Mature hips were harvested from the seed parent, seeds extracted, and planted under optimum conditions. The resultant seedlings were grown to full flower and the new variety selected from within this seedling population. The growth performance of ‘Hardwell’ was closely monitored and assessed over many years. Selection criteria: robust climbing rose, and flower colour. Propagation: by shoot cuttings and plants proved genetically stable over at least five generations. Breeder: R.B. Harkness, Harkness Roses Ltd, Hitchin, UK.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant growth habit: climbing rose. Flower main colour group: light orange red. Based on these grouping characteristics, the pollen parent ‘New Dawn’ was selected as the closest comparator by the breeder and qualified person. Main differences are listed in table below. The seed parent ‘Harkaramel’ syn Anne Harkness produced saffron yellow flowers and was a floribunda rose. No other variety of common knowledge was identified by the qualified person to have characteristics identical to ‘Hardwell’.

Comparative Trial Location: the comparative trial was conducted at Warragul, Victoria in autumn 2005 (Southern Hemisphere). Conditions: healthy cuttings together with those of the comparator were rooted under hygienic conditions, and the young plants planted into a well-structured and well drained clay loam soil suitable for rose production. Water supplied by drip irrigation as required. Plant nutrients applied as required. The variety was grown under natural climatic conditions and under

minimum stress. Two year old plants were used for the study. These were pruned in summer to produce an autumn flush of flowers. Seasonal conditions proved ideal for good flower production and performance. Trial design: a representative sample of plants of the candidate and comparator were used in the trial. Observations were made at random from within the plant population. Measurements were taken at random from various plants.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
UK	1997	Granted	'Hardwell'
EU	1998	Granted	'Hardwell'
Japan	2002	Applied	'Hardwell'
New Zealand	2001	Granted	'Hardwell'

First sold in UK in May 1998.

Description: **Brian C Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Table *Rosa* varieties

‘Hardwell’	*‘New Dawn’
LEAFLET: UNDULATION OF MARGIN medium	weak
TERMINAL LEAFLET: SHAPE OF BASE rounded	obtuse
FLOWER PEDICEL: NUMBER OF HAIRS OR PRICKLES medium to many	few
FLOWER: NUMBER OF PETALS many	medium
PETAL: COLOUR OF MIDDLE ZONE OF INNER SIDE (RHS) 155D	62D
PETAL: COLOUR OF MARGINAL ZONE OF INNER SIDE (RHS) 155B	62D
PETAL: COLOUR OF MIDDLE ZONE OF OUTER SIDE (RHS) 155D	65D
PETAL: COLOUR OF MARGINAL ZONE OF OUTER SIDE (RHS) 155C	65C/D
PETAL: COLOUR OF SPOT AT BASE OF INNER SIDE (RHS) 2D	absent
PETAL: COLOUR OF SPOT AT BASE OF OUTER SIDE (RHS) 2D	absent
SEED VESSEL: SIZE AT PETAL FALL large	small

Plant Varieties Journal - Search Result Details

Apple (*Malus domestica*)

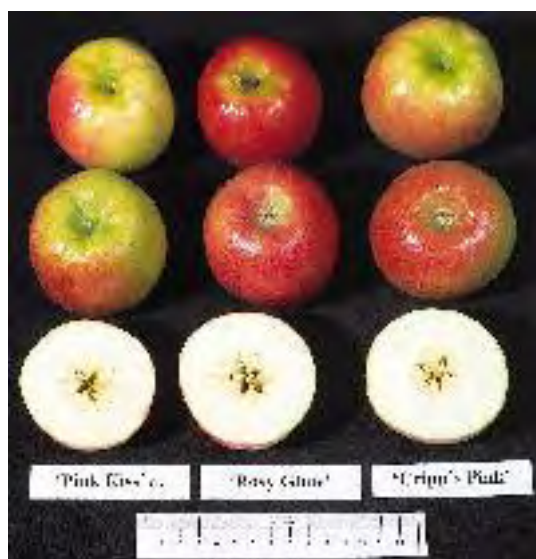
Variety: 'Rosy Glow'
Synonym: Pink Aurora

Application no: 1997/304
Current status: ACCEPTED
Certificate no: N/A
Received: 17-Nov-1997
Accepted: 02-Dec-1997
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Harleigh Cecil & Ashley Graham Mason
Agent: Fleming's Nurseries & Associates Pty Ltd
Telephone: 0397566105
Fax: 0397520005

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



Details of Application

Application Number	1997/304
Variety Name	'Rosy Glow'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Synonym	Pink Aurora
Accepted Date	2 Dec 1997
Applicant	Harleigh Cecil and Ashley Graham Mason, Forest Range, SA.
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC.
Qualified Person	Graham Fleming

Details of Comparative Trial

Location	Taggerty, VIC. Australia
Descriptor	TG/14/8
Period	Mid April 2005
Conditions	Rootstock was planted into orchard rows where the candidate and comparators were then grafted onto the stock in-situ. The scion was allowed to grow for three seasons until a crop was established. All trees are healthy and growing evenly with no obvious signs of disease or stress.
Trial Design	Randomly planted orchard. Row spacing: 4.5m, tree spacing: 1m, rootstock Exempla 9. varieties included: 'Cripps Pink', 'Pink Rose' and 'Rosy Glow'.
Measurements	From all trial plants
RHS Chart - edition	N/A

Origin and Breeding

Spontaneous mutation: 'Rosy Glow' is a single limb mutation of 'Cripps Pink'. It was first selected in around 1995. The original limb was part of a tree which was located on the outside row of an orchard, under the shade of a gum tree. At the time of selection the fruit on the limb was 100% coloured, while the surrounding fruit was less than 10% coloured. Selection criteria: good colour in all conditions, especially in shaded areas. Propagation: grafting on root-stocks. Breeder: Harleigh Mason, Forest Range, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	maturity	late
Fruit	colour	pink
Fruit	shape	round-oblong

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Cripps Pink' (Pink Lady™)	'Rosy Glow' achieves higher coloured fruit than 'Cripps Pink'.
'Pink Rose' (Pink Kiss™)	'Rosy Glow' achieves higher coloured fruit than 'Pink Rose'.

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	'Rosy Glow'	*'Cripps Pink' Pink Lady™	*'Pink Rose' Pink Kiss™
<input type="checkbox"/> Tree: vigour	medium	medium to strong	medium to strong
<input type="checkbox"/> Tree: type	ramified	ramified	ramified
<input checked="" type="checkbox"/> Tree: habit	upright	upright to spreading	upright to spreading
<input type="checkbox"/> Dormant one-year-old shoot: pubescence	medium	medium	medium
<input type="checkbox"/> Dormant one-year-old shoot: thickness	thick	thick	thick
<input type="checkbox"/> *Dormant one-year-old shoot: length of internode	medium	medium	medium
<input type="checkbox"/> *Dormant one-year-old shoot: number of lenticels	medium	medium	medium
<input type="checkbox"/> *Unopened flower: colour	light pink	light pink	light pink
<input type="checkbox"/> *Flower: size	medium	medium	medium
<input type="checkbox"/> *Petals: relative position of margins	free	free	free
<input type="checkbox"/> Leaf: attitude in relation to shoot	outwards	outwards	outwards
<input type="checkbox"/> *Leaf blade: length	medium	medium	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium	medium
<input type="checkbox"/> Leaf blade: ratio length/width	medium	medium	medium
<input type="checkbox"/> Leaf blade: shape of incisions of margin	serrate	serrate	serrate
<input type="checkbox"/> *Petiole: length	medium	medium	medium
<input type="checkbox"/> *Fruit: size	medium to large	medium to large	medium to large
<input type="checkbox"/> *Fruit: ratio height/width	small	small	small
<input type="checkbox"/> Fruit: position of maximum width	in middle	in middle	in middle
<input type="checkbox"/> *Fruit: shape	oblong	oblong	oblong
<input type="checkbox"/> Fruit: ribbing	weak to medium	weak to medium	weak to medium
<input type="checkbox"/> Fruit: crowning at calyx end	absent or very weak to weak	weak to medium	weak to medium
<input type="checkbox"/> *Fruit: aperture of eye	partly open	partly open	partly open
<input type="checkbox"/> *Fruit: size of eye	large	large to very large	large

<input type="checkbox"/>	*Fruit: depth of eye basin	deep	deep	deep
<input type="checkbox"/>	Fruit: width of eye basin	broad	broad	broad
<input type="checkbox"/>	*Fruit: thickness of stalk	medium	medium	medium
<input type="checkbox"/>	*Fruit: length of stalk	medium	short to medium	medium
<input type="checkbox"/>	*Fruit: depth of stalk cavity	medium to deep	medium to deep	medium to deep
<input type="checkbox"/>	Fruit: width of stalk cavity	medium	medium	medium
<input type="checkbox"/>	*Fruit: bloom of skin	weak	weak	weak
<input type="checkbox"/>	Fruit: greasiness of skin	weak	weak	weak
<input type="checkbox"/>	*Fruit: ground colour	green yellow	green yellow	green yellow
<input checked="" type="checkbox"/>	*Fruit: amount of over colour	high to very high	medium	medium
<input type="checkbox"/>	Fruit: over colour	pink	pink	pink
<input checked="" type="checkbox"/>	Fruit: intensity of over colour	dark to very dark	light to medium	medium
<input type="checkbox"/>	*Fruit: pattern of over colour of skin	only solid flush	washed out (faded)	washed out (faded)
<input type="checkbox"/>	*Fruit: amount of russet around eye basin	absent or very low	absent or very low	absent or very low
<input type="checkbox"/>	Fruit: amount of russet on cheeks	absent or very low	absent or very low	absent or very low
<input type="checkbox"/>	*Fruit: amount of russet around stalk cavity	absent or very low to low	absent or very low to low	absent or very low to low
<input type="checkbox"/>	*Fruit: size of lenticels	large	large	large
<input type="checkbox"/>	*Fruit: firmness of the flesh	firm	firm	firm
<input type="checkbox"/>	*Fruit: colour of the flesh	white	white	white
<input type="checkbox"/>	*Fruit in cross-section: aperture of locules	closed	closed	closed
<input type="checkbox"/>	*Time of: beginning of flowering	early to medium	early to medium	early to medium
<input type="checkbox"/>	*Time of: maturity for consumption	late to very late	late to very late	late to very late

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	2004	Applied	'Rosy Glow'
EU	2000	Applied	'Rosy Glow'
USA	2003	Applied	'Rosy Glow'
South Africa	2004	Applied	'Rosy Glow'

Prior sale nil.

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

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Interorlan'
Synonym: N/A

Application no: 2004/013
Current status: ACCEPTED
Certificate no: N/A
Received: 19-Jan-2004
Accepted: 03-Mar-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Interplant B.V.

Agent: Grandiflora Nurseries Pty Ltd

Telephone: 0397822777

Fax: 0397822576

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



Rosa hybrid

Rose

‘Interorlan’

Application No: 2004/013 Accepted: 3 Mar 2004.

Applicant: **Interplant B.V.**, Leersum, The Netherlands.

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

Characteristics Plant: growth habit narrow bushy, height medium, width narrow. Young shoot: anthocyanin colouration absent or very weak, hue of anthocyanin colouration bronze to reddish brown. Prickles: present, shape of lower side concave. Short prickles: number absent or very few. Long prickles: number absent or very few. Leaf: size very large, green colour light, glossiness of upper side medium. Leaflet: cross section slight concave, undulation of margin strong. Terminal leaflet: length of blade long (mean 70.28mm), width of blade broad (mean 46.12mm), shape of base rounded. Flowering shoot: number of flowers very many. Flower pedicel: number of hairs or prickles medium. Flower bud: shape of longitudinal section round. Flower: type double, number of petals very many (mean 62), diameter medium (mean 63.9mm), view from above round, side view of upper part convex, side view of lower part concave, fragrance weak. Sepal: extensions weak. Petal: size small (mean width 26.3mm), colour of middle zone of inner side orange (RHS 28A), colour of marginal zone of inner side orange (RHS 28A), spot at base of inner side present, size of spot at base of inner side medium, colour of spot at base of inner side yellow (RHS 14B), colour of middle zone of outer side orange (RHS 26A), colour of marginal zone of outer side orange (RHS 28B), spot at base of outer side present, size of spot at base of outer side medium, colour of spot at base of outer side yellow (RHS 12B), reflexing of margin medium to strong, undulation of margin absent or very weak. Outer stamen: predominant colour of filament pink. Inner style: predominant colour green. Stigma: height in relation to anthers below. Seed vessel: size medium. Hip: shape of longitudinal section pitcher-shaped. Time of beginning of flowering (fully open flowers): medium. Flowering: habit almost continuous flowering. (Note: all RHS colour chart numbers refer to 1995 edition.)

Origin and Breeding Controlled pollination: seed parent ‘Unnamed seedling’, pollen parent ‘Unnamed seedling’. The seed parent is characterised by its very many yellow flowers on 50-60cm stems (hot house grown). The pollen parent is characterised by its very many yellow flowers on 40-50cm stems. Hybridisation took place in Leersum, The Netherlands, in May 1998. From this cross, the seedling was chosen on the basis of flower colour. Selection criteria: Flower Colour, stem production, stem length, flower buds per stem, suitability as a spray rose in greenhouse conditions for cut flower production. Propagation: a number mature stock plants were generated from this seedling as vegetative cuttings. Further generations have been propagated via cuttings or budded onto rootstocks and have been found to be uniform and stable. ‘Interorlan’ will be commercially propagated by vegetative cuttings or budded or grafted onto rootstocks from the stock plants. Breeder: ir. A.J.H. van Doesum, Leersum, The Netherlands

Choice of Comparators Grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: growth habit narrow bushy, height medium. Flower: colour orange, diameter small to medium, number of flowers per flowering stem many. On the basis of these grouping characteristics the following comparator variety was included in the trial: ‘Intersprito’. ‘Interconmac’ was originally considered and later rejected due to flower colour being a different shade of orange.

Comparative Trial Location: Clyde, VIC (Latitude 38°09’ South, elevation 16m), summer 2005, measurements taken late Jan. Conditions: trial conducted in an open double skinned polyhouse by a UVB screening film, specifically formulated for rose production plants covered with a 70% shade cloth, temperature range in the six weeks previous was between 14 and 36 degrees Celsius. The plants were on their own roots planted into 210mm (1 plant per pot) pots filled with co-co coir, nutrition maintained as part of a commercial hydroponic system for cut rose plants, pest and disease treatments applied as required. Trial design: nine 210mm pots of ‘Interorlan’ and ‘Intersprito’ on benches. Measurements: from plants at random. One sample per plant stem.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
The Netherlands	2002	Applied	'Interorlan'

First sale The Netherlands May 2002, First Australian sale Mar 2003.

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

Table: *Rosa* varieties

	‘Interorlan’	*‘Interspritro
YOUNG SHOOT: ANTHOCYANIN COLOURATION	absent or very weak	medium
YOUNG SHOOT: HUE OF ANTHOCYANIN	bronze to reddish brown	reddish brown to purple
PRICKLE: SHAPE OF LOWER SIDE	concave	deep concave
SHORT PRICKLES: NUMBER	absent or very few	few
LONG PRICKLES: NUMBER	absent or very few	few
LEAF: SIZE	very large	large
LEAF: GREEN COLOUR	light	medium
LEAF: GLOSSINESS OF UPPER SIDE	medium	weak
LEAFLET: UNDULATION OF MARGIN	strong	weak
FLOWER PEDICEL: NUMBER OF HAIRS OR PRICKLES	medium	few
FLOWER: NUMBER OF PETALS		
mean	62	36
std deviation	7.93	5.43
LSD/sig	12.44	P≤0.01
FLOWER: SIDE VIEW OF UPPER PART	convex	flattened convex
FLOWER: SIDE VIEW OF LOWER PART	concave	flat
PETAL: COLOUR OF MIDDLE ZONE OF INNER SIDE (RHS, 1995)	28A	32A
PETAL: COLOUR OF MARGINAL ZONE OF INNER SIDE (RHS, 1995)	28A	39B
PETAL: COLOUR OF SPOT AT BASE OF INNER SIDE (RHS, 1995)	14B	10A
PETAL: COLOUR OF MIDDLE ZONE OF OUTER SIDE (RHS, 1995)	26A	29A
PETAL: COLOUR OF MARGINAL ZONE OF OUTER SIDE (RHS, 1995)	28B	38A
PETAL: COLOUR OF SPOT AT BASE OF OUTER SIDE (RHS, 1995)	12B	10C

OUTER STAMEN: PREDOMINANT COLOUR OF FILAMENT

pink

yellow

STIGMA: HEIGHT IN RELATION TO ANTHERS

below

above

Plant Varieties Journal - Search Result Details

Potato (*Solanum tuberosum*)

Variety: 'Malin'
Synonym: N/A

Application no: 2004/046
Current status: ACCEPTED
Certificate no: N/A
Received: 13-Feb-2004
Accepted: 08-Mar-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Irish Potato Marketing Ltd

Agent: Bright Harvest

Telephone: 0883809855

Fax: 0883809879

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



Solanum tuberosum

Potato

‘Malin’

Application No: 2004/046 Accepted: 8 Mar 2004.

Applicant: **Irish Potato Marketing Ltd**, Dun Laoghaire, Ireland.

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

Characteristics Lightsprout: size medium, shape conical, anthocyanin colouration of base red-violet, intensity of anthocyanin colouration of base weak, pubescence of base weak, size of tip small, habit of tip closed, anthocyanin colouration of tip medium to strong, pubescence of tip weak, number of root tips few, protrusion of lenticels medium, length of lateral shoots short. Stem: thickness of main stem medium-thick, anthocyanin colouration absent. Leaf: size medium, silhouette intermediate, presence of secondary leaflets medium, green colour medium, anthocyanin colouration on midrib of upper side weak. Terminal leaflet: frequency of secondary leaflets high. Lateral leaflet: frequency of secondary leaflets low, size of secondary leaflets medium. Leaflet: size medium, width medium, frequency of coalescence absent, waviness of margin medium, depth of veins medium, glossiness of the upperside medium. Plant: height medium, type intermediate, growth habit semi-upright. Inflorescence: size medium, anthocyanin colouration on peduncle medium, frequency of flowers low-medium. Flower: anthocyanin colouration of bud strong. Flower corolla: size medium, colour of inner side white, anthocyanin colouration on outer side weak. Fruits: frequency of fruits low. Maturity: time of maturity medium. Tuber: shape long-oval, depth of eyes shallow to medium, smoothness of skin smooth, colour of skin yellow with bright red flashings, colour of base of eye red, colour of flesh light yellow.

Origin and Breeding Controlled pollination: Maternal parent ‘Estima’ and paternal parent ‘Cara’ were manually crossed in 1986 at Oak Park Research Centre, Carlow, Ireland. True seed was used to raise individual tubers of the resultant genetically different progeny. Selections of the superior progeny occurred over 9 successive seasons in trials on farms in Wicklow, Meath and Galway. From years 5 onwards the advanced selections were also evaluated in the UK and in some Mediterranean countries. From this selection process the breeding line ‘C1345/12’ was selected and released as ‘Malin’ in 1999. Breeder: Teagasc, Carlow, Ireland.

Choice of Comparators Grouping characteristic used was the parti-coloured tuber skin. ‘Malin’ differs from its parents ‘Estima’, which has yellow skin, and ‘Cara’, a parti-coloured variety which has longer tubers, yellow flesh and less dense foliage. ‘Pink Eye’ was eliminated on the basis of irregular tuber shape and extremely deep eyes. ‘Kestrel’ and ‘Osprey’ were considered to be the closest comparators. ‘Malin’ has white flowers and can be distinguished on the basis of flower colour from both ‘Kestrel’ which has blue-violet flowers and ‘Osprey’ which has red-violet flowers. ‘Malin’ has smoother skin and red flashing across the tuber surface whereas the comparators have slightly rough skin and colour is restricted to defined areas around eyes.

Comparative Trial The comparative trial was established near Pinnaroo, in the Mallee of South Australia, on 3 Dec 2004. There were 10 varieties in the trial, of which 3 were PBR candidates and the remainder were comparators. Candidate varieties were established from moderate-sized pot grown tubers as Generation 1 seed. Comparator varieties were either pot grown Generation 1 tubers or moderate-sized field-grown seed tubers of later generation as supplied by the owners of those protected varieties. Lightsprouts were assessed on tuber samples prior to planting. Field-grown seed tubers were cut to approximately match the size of the pot-grown tubers. The plots were single-rows of 30 plants spaced 400mm apart within the row. There were three replicate plots per variety. Blank rows were left between plot rows to allow better access for recording. Chemical and irrigation inputs followed normal commercial practice for the district. The trial experienced hot and windy conditions typical of the area. Field records were taken on 5 and 14 Feb at peak flowering. Tubers were harvested on 11 Mar 2005.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Ireland	1999	Granted	‘Malin’
EU	2000	Granted	‘Malin’

First overseas sale United Kingdom Mar 2001. First Australian sale nil.

Description: **John Fennell**, Blakiston, SA

Table *Solanum* varieties

	‘Malin’	*‘Osprey’	*‘Kestrel’
LIGHTSPROUT: SIZE	medium	medium-large	medium-large
LIGHTSPROUT: SHAPE	conical	conical	conical
LIGHTSPROUT: ANTHOCYANIN COLOURATION AT BASE	red-violet	red-violet	blue-violet
LIGHTSPROUT: INTENSITY OF ANTHOCYANIN COLOURATION AT BASE	weak	medium to strong	strong
LIGHTSPROUT: PUBESCENCE OF BASE	weak	weak to medium	weak
LIGHTSPROUT: SIZE OF TIP	small	large	large
LIGHTSPROUT: HABIT OF TIP	closed	open	open
LIGHTSPROUT: ANTHOCYANIN COLOURATION OF TIP	medium to strong	weak to medium	weak to medium
LIGHTSPROUT: PUBESCENCE OF TIP	weak	weak to medium	weak
LIGHTSPROUT: NUMBER OF ROOT TIPS	few	medium	medium
LIGHTSPROUT: PROTRUSION OF LENTICELS	medium	weak	weak to medium
LIGHTSPROUT: LENGTH OF LATERAL SHOOTS	short	short	medium to long
LEAF: LENGTH: MEAN (mm) (LSD $P \leq 0.01 = 14.9$)			
mean	160 ^a	177 ^b	169 ^{ab}
std deviation	16.7	24.2	30.3
LEAF: SIZE	medium	medium-large	medium
LEAF: SILHOUETTE	intermediate	open	intermediate
LEAF: PRESENCE OF SECONDARY LEAFLETS	medium	high	high
LEAF: GREEN COLOUR	medium	medium dark	light-medium

LEAF: ANTHOCYANIN ON MIDRIB OF UPPER SIDE

	weak	absent	absent
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LEAFLET: LENGTH (mm) (LSD $P \leq 0.01 = 7.5$)

mean	67 ^a	64 ^a	70 ^a
std deviation	9.3	9.4	6.6

LEAFLET: WIDTH (mm) (LSD $P \leq 0.01 = 4.9$)

mean	47 ^a	39 ^b	45 ^b
std deviation	7.6	5.3	4.0

LEAFLET: SIZE

medium	medium	medium
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LEAFLET: WIDTH

medium	narrow to medium	medium
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LEAFLET: FREQUENCY OF COALESCENCE

absent	absent	absent
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LEAFLET: WAVINESS OF MARGIN

medium	very weak	very weak
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LEAFLET: DEPTH OF VEINS

medium	medium	medium to deep
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LEAFLET: GLOSSINESS OF UPSIDE

medium	medium	dull to medium
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TERMINAL LEAFLET: FREQUENCY OF SECONDARY LEAFLETS

high	high	absent
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LATERAL LEAFLET: FREQUENCY OF SECONDARY LEAFLETS

low	high	absent
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LATERAL LEAFLET: SIZE OF SECONDARY LEAFLET

medium	small-medium	n/a
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PLANT: HEIGHT (mm) (LSD $P \leq 0.01 = 57.9$)

	medium	tall	medium-tall
mean	358 ^a	462 ^b	431 ^b
std deviation	32.8	47.5	34.4

PLANT: TYPE

intermediate	intermediate	intermediate
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PLANT: GROWTH HABIT

semi-upright	semi-upright	spreading
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PLANT: THICKNESS OF MAIN STEM

medium-thick	medium	medium-thick
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PLANT: EXTENSION OF ANTHOCYANIN ON STEM

absent	absent	medium
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INFLORESCENCE: SIZE

medium	small	small to medium
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INFLORESCENCE: ANTHOCYANIN COLOURATION ON PEDUNCLE

medium	medium	absent
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INFLORESCENCE: FREQUENCY OF FLOWERS

	low to medium	low	low
FLOWER: ANTHOCYANIN OF BUD	strong	strong	medium
FLOWER COROLLA: SIZE	medium	small	medium
FLOWER COROLLA: COLOUR OF INNER SIDE	white	red-violet	blue-violet
FLOWER: INTENSITY OF ANTHOCYANIN ON INNER SIDE	n/a	medium	strong
FLOWER: ANTHOCYANIN OUTER SIDE OF WHITE FLOWER	weak	n/a	n/a
FLOWER: SIZE OF WHITE TIPS ON COLOURED FLOWER	n/a	large	medium
FLOWER: FREQUENCY OF FRUITS	low	absent	absent
MATURITY: TIME OF MATURITY	medium	medium	medium-late
TUBER: SHAPE	long-oval	round to short oval	oval
TUBER: DEPTH OF EYES	shallow to medium	medium to deep	medium to deep
TUBER: SMOOTHNESS OF SKIN	smooth	rough	rough
TUBER: COLOUR OF SKIN	yellow parti-coloured with bright red flashings	parti-coloured light beige with defined red areas	parti-coloured light beige with defined blue areas
TUBER: COLOUR OF BASE OF EYE	red	red	blue
TUBER: COLOUR OF FLESH	light yellow	cream	white to cream

Plant Varieties Journal - Search Result Details**Potato (*Solanum tuberosum*)****Variety:** 'Orla'**Synonym:** N/A**Application no:** 2004/045**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Feb-2004**Accepted:** 08-Mar-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Irish Potato Marketing Ltd**Agent:** Bright Harvest**Telephone:** 0883809855**Fax:** 0883809879

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



Solanum tuberosum

Potato

‘Orla’

Application No: 2004/045 Accepted: 8 Mar 2004.

Applicant: **Irish Potato Marketing Ltd**, Dun Laoghaire, Ireland.

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

Characteristics Lightsprout: size medium, shape conical, intensity of anthocyanin colouration of base absent or very weak, pubescence of base medium, size of tip in relation to base small, habit of tip closed, anthocyanin colouration of tip absent or very weak, pubescence of tip very weak, number of root tips medium to many, protrusion of lenticels weak, length of lateral shoots long. Plant: height short, type intermediate, growth habit semi-erect, time of maturity medium. Stem: thickness of main stem medium, anthocyanin colouration absent or very weak. Leaf: size medium, silhouette intermediate to closed, presence of secondary leaflets absent or very weak, green colour light to medium, anthocyanin colouration on midrib of upper side absent or very weak. Leaflet: size medium, width medium, frequency of coalescence absent or very low to low, waviness of margin medium, depth of veins shallow to medium, glossiness of the upperside medium to glossy. Terminal leaflet: frequency of secondary leaflets absent or very few. Lateral leaflet: frequency of secondary leaflets medium to high, size of secondary leaflets medium. Inflorescence: size medium, anthocyanin colouration on peduncle absent, frequency of flowers medium. Flower: anthocyanin colouration of bud absent. Flower corolla: size medium to large, colour of inner side white, anthocyanin colouration on outer side absent. Fruits: frequency of fruits few. Tuber: shape oval, depth of eyes very shallow to slightly raised, smoothness of skin smooth, colour of skin light beige, colour of base of eye light beige, colour of flesh light yellow.

Origin and Breeding Controlled pollination Maternal parent ‘Spunta’ and paternal parent ‘OP657/3’ were manually crossed in 1985 at Oak Park Research Centre, Carlow, Ireland. True seed was used to raise individual tubers of the resultant genetically different progeny. Selections of the superior progeny occurred over 9 successive seasons in trials on farms in Wicklow, Meath and Galway. From years 5 onwards the advanced selections were also evaluated in the UK and in some Mediterranean countries. From this selection process the breeding line ‘C1864/8’ was selected and released as ‘Orla’ in 1999. Breeder: Teagasc, Carlow, Ireland.

Choice of Comparators Grouping characteristics used were a combination of smooth and light-beige tuber skin and white or pale flowers. ‘Orla’ differs from its parents, with ‘Spunta’ having long tubers and lower resistance to tuber blight and ‘OP 657/’ being a breeding line that is no longer in existence. ‘White Lady’ was eliminated on the basis of having a larger leaf size and broader leaflet width. ‘Sebago’, ‘Shine’ and ‘Coliban’ were considered to be the closest comparators. ‘Nectar’ was also included as a comparator having come from the same breeding program and was of uncertain characteristics under Australian conditions. ‘St Johns’ had been eliminated on the basis of published characteristics but was grown in the same trial as a comparator to ‘Nectar’, which gave the opportunity to confirm its elimination.

Comparative Trial The comparative trial was established near Pinnaroo, in the Mallee of South Australia, on 3 Dec 2004. There were 10 varieties in the trial, of which 3 were PBR candidates and the remainder were comparators. Candidate varieties were established from moderate-sized pot grown tubers as Generation 1 seed. Comparator varieties were either pot grown Generation 1 tubers or moderate-sized field-grown seed tubers of later generation as supplied by the owners of those protected varieties. Lightsprouts were assessed on tuber samples prior to planting. Field-grown seed tubers were cut to approximately match the size of the pot-grown tubers. The plots were single-rows of 30 plants spaced 400mm apart within the row. There were three replicate plots per variety. Blank rows were left between plot rows to allow better access for recording. Chemical and irrigation inputs followed normal commercial practice for the district. The trial experienced hot and windy conditions typical of the area. Field records were taken on 5 and 14 Feb at peak flowering. Tubers were harvested on 11 Mar 2005.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Ireland	1996	Granted	‘Orla’
EU	1998	Granted	‘Orla’

First overseas sale Sep 2000 in the United Kingdom. First Australian sale nil.

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

Table *Solanum* varieties

	‘Orla’	*‘Nectar’	*‘Sebago’	*‘Shine’	*‘Coliban’
LIGHTSPROUT: SIZE	medium	large	medium	medium	large
LIGHTSPROUT: SHAPE	conical	ovoid	ovoid	spherical	broad cylindrical
LIGHTSPROUT: INTENSITY OF ANTHOCYANIN OF BASE	absent or very weak	weak	weak	weak	strong
LIGHTSPROUT: COLOUR OF ANTHOCYANIN AT BASE	n/a	red-violet	red-violet	red-violet	red-violet
LIGHTSPROUT: PUBESCENCE OF BASE	medium	weak	weak	medium	weak
LIGHTSPROUT: SIZE OF TIP	small	small	medium	medium	medium
LIGHTSPROUT: HABIT OF TIP	closed	closed	closed	closed	closed
LIGHTSPROUT: ANTHOCYANIN COLOURATION OF TIP	absent or very weak	weak	weak	weak	weak
LIGHTSPROUT: PUBESCENCE OF TIP	absent or very weak	absent or very weak	weak	weak	weak to medium
LIGHTSPROUT: NUMBER OF ROOT TIPS	medium -many	medium	medium-many	few	many
LIGHTSPROUT: PROTRUSION OF LENTICELS	weak	weak	weak	medium	weak
LIGHTSPROUT: LENGTH OF LATERAL SHOOTS	long	medium	medium	long	medium-long
PLANT: HEIGHT (LSD $P \leq 0.01 = 21.3$)					
mean (mm)	313 ^a	361 ^b	366 ^b	319 ^a	412 ^c
std deviation	32.1	37.9	37.0	33.0	29.4
PLANT: HEIGHT	short	medium	medium	short	medium
PLANT: TYPE	intermediate	intermediate	intermediate	leaf	intermediate
PLANT: GROWTH HABIT	semi-erect	erect-semi erect	semi erect to spreading	spreading	semi-erect
PLANT: TIME OF MATURITY	medium	medium	medium	early	early

STEM: THICKNESS OF MAIN STEM					
	medium	medium-thick	thin-medium	medium	thick
STEM: ANTHOCYANIN COLOURATION					
	absent or very weak	absent or very weak	strong	absent or very weak	absent or very weak
LEAF: LENGTH (LSD $P \leq 0.01 = 13.6$)					
mean (mm)	179 ^b	209 ^c	149 ^a	214 ^c	179 ^b
std deviation	24.0	28.9	12.5	23.2	19.2
LEAF: SIZE					
	medium	large	medium	large	medium
LEAF: SILHOUETTE					
	intermediate to closed	intermediate to open		open	open open
LEAF: PRESENCE OF SECONDARY LEAFLETS					
	absent or very weak	medium	absent or very weak	high	medium
LEAF: GREEN COLOUR					
	light to medium	medium to dark	medium to dark	medium	light
LEAF: ANTHOCYANIN ON MIDRIB					
	absent or very weak	absent or very weak	medium	absent or very weak	absent or very weak
LEAFLET: LENGTH (mm) (LSD $P \leq 0.01 = 6.7$)					
mean	71 ^{ab}	69 ^a	77 ^b	78 ^b	70 ^a
std deviation	7.6	10.0	6.3	8.3	6.8
LEAFLET: WIDTH (LSD $P \leq 0.01 = 2.5$)					
	medium	medium to broad	medium to broad	medium	narrow to medium
mean	44 ^b	48 ^c	47 ^c	45 ^{bc}	39 ^a
std deviation	2.8	4.6	5.4	3.4	3.6
LEAFLET: SIZE					
	medium	medium	large	large	medium
LEAFLET: FREQUENCY OF COALESCENCE					
	absent or very low	low	absent	high	absent
LEAFLET: WAVINESS OF MARGIN					
	medium	weak	very weak	very weak	medium
LEAFLET: DEPTH OF VEINS					
	shallow to medium	medium to deep	medium	medium	medium to deep
LEAFLET: GLOSSINESS OF THE UPSIDE					
	medium to glossy	medium to glossy	dull	dull to medium	medium to glossy
TERMINAL LEAFLET: FREQUENCY OF SECONDARY LEAFLETS					
	absent or very few	absent or very few	absent or very few	high	absent or very few

LATERAL LEAFLET: FREQUENCY OF SECONDARY LEAFLETS	medium to high	high	few	high	absent or very weak
LATERAL LEAFLET: SIZE OF SECONDARY LEAFLET	medium	medium-large	medium	small	n/a
INFLORESCENCE: SIZE	medium	medium	medium	large	medium to large
INFLORESCENCE: ANTHOCYANIN COLOURATION ON PEDUNCLE	absent or very weak	absent or very weak	strong	absent or very weak	absent or very weak
INFLORESCENCE: FREQUENCY OF FLOWERS	medium	medium	low	high	medium-high
FLOWER: ANTHOCYANIN COLOURATION OF BUD	absent	absent	strong	absent	absent
FLOWER COROLLA: SIZE	medium to large	medium to large	medium	medium to large	medium
FLOWER COROLLA: COLOUR OF INNER SIDE	white	white	red-violet	white	white
FLOWER: INTENSITY OF ANTHOCYANIN ON INNER SIDE	n/a	n/a	medium	n/a	n/a
FLOWER: ANTHOCYANIN COLOURATION ON OUTER SIDE	absent	absent	n/a	absent	absent
FLOWER: SIZE OF WHITE TIPS ON COLOURED FLOWER	n/a	n/a	small	n/a	n/a
FLOWER: FREQUENCY OF FRUITS	few	absent	many	absent	absent
TUBER: SHAPE	oval	oval to long oval	round to short oval	short oval	short oval
TUBER: DEPTH OF EYES	very shallow	shallow	medium	medium	shallow to medium
TUBER: SMOOTHNESS OF SKIN	smooth	smooth	medium	smooth	smooth
TUBER: COLOUR OF SKIN	light beige	yellow	light beige	light beige	light beige
TUBER: COLOUR OF BASE OF EYE	light beige	light red	light beige	light beige	light beige
TUBER: COLOUR OF FLESH	light yellow	light yellow	cream	white	white

Plant Varieties Journal - Search Result Details**Potato (*Solanum tuberosum*)**

Variety: 'Nectar'
Synonym: N/A

Application no: 2004/044
Current status: ACCEPTED
Certificate no: N/A
Received: 13-Feb-2004
Accepted: 08-Mar-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Irish Potato Marketing Ltd

Agent: Bright Harvest

Telephone: 0883809855

Fax: 0883809879

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



Solanum tuberosum

Potato

‘Nectar’

Application No: 2004/044 Accepted: 8 Mar 2004.

Applicant: **Irish Potato Marketing Ltd**, Dun Laoghaire, Ireland.

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

Characteristics Lightsprout: size large, shape ovoid, intensity of anthocyanin colouration of base weak, pubescence of base weak, size of tip in relation to base small, habit of tip closed, intensity of anthocyanin colouration of tip weak, pubescence of tip absent or very weak, number of root tips medium, protrusion of lenticels weak, length of lateral shoots medium. Plant: height medium, type intermediate, growth habit upright to semi-upright, time of maturity medium. Stem: thickness of main stem medium-thick, anthocyanin colouration absent or very weak. Leaf: size large, silhouette intermediate to open, green colour medium to dark, anthocyanin colouration of midrib of upper side absent or very weak, presence of secondary leaflets medium. Leaflet: size medium, width medium to broad, frequency of coalescence low, waviness of margin weak, depth of veins medium to deep, glossiness of the upperside medium to glossy. Terminal leaflet: frequency of secondary leaflets absent. Lateral leaflet: frequency of secondary leaflets high, size of secondary leaflets medium to large. Inflorescence: size medium, anthocyanin colouration on peduncle absent, frequency of flowers medium. Flower: anthocyanin colouration of bud absent. Flower corolla: size medium to large, colour of inner side white, anthocyanin colouration of outer side absent. Fruits: frequency of fruits absent. Tuber: shape oval to long-oval, depth of eyes shallow, smoothness of skin smooth, colour of skin yellow, colour of base of eye light red, colour of flesh light yellow.

Origin and Breeding Controlled pollination: Maternal parent ‘Famosa’ and paternal parent ‘Red Cara’ were manually crossed in 1992 at Oak Park Research Centre, Carlow, Ireland. True seed was used to raise individual tubers of the resultant genetically different progeny. Selections of the superior progeny occurred over 9 successive seasons in trials on farms in Wicklow, Meath and Galway. From years 5 onwards the advanced selections were also evaluated in the UK and in some Mediterranean countries. From this selection process the breeding line ‘T 1903/48’ was selected for release in 2003 and was named ‘Nectar’. Breeder: Teagasc, Carlow, Ireland.

Choice of Comparators Grouping characteristic used was a combination of yellow tuber skin, cream or white flesh and white or pale flowers. ‘Nectar’ differs from its parents, with ‘Famosa’ having yellower skin and eyes and ‘Red Cara’ being a red-skinned variety. ‘White Lady’ was eliminated on the basis of having a larger leaf size and broader leaflet width. ‘Discovery’ and ‘St Johns’ were initially considered to be the closest comparators. However it was later discovered that ‘Nectar’ had white flowers whereas ‘Discovery’ has blue-violet flowers. ‘Orla’ was also included as a comparator having come from the same breeding program and was of uncertain characteristics under Australian conditions. ‘Shine’, ‘Sebago’ and ‘Coliban’ had been eliminated on the basis of published characteristics but were grown in the same trial as comparators to ‘Orla’, this gave the opportunity to confirm their elimination.

Comparative Trial The comparative trial was established near Pinnaroo, in the Mallee of South Australia, on 3 Dec 2004. There were 10 varieties in the trial, of which 3 were PBR candidates and the remainder were comparators. Candidate varieties were established from moderate-sized pot grown tubers as Generation 1 seed. Comparator varieties were either pot grown Generation 1 tubers or moderate-sized field-grown seed tubers of later generation as supplied by the owners of those protected varieties. Lightsprouts were assessed on tuber samples prior to planting. Field-grown seed tubers were cut to approximately match the size of the pot-grown tubers. The plots were single-rows of 30 plants spaced 400mm apart within the row. There were three replicate plots per variety. Blank rows were left between plot rows to allow better access for recording. Chemical and irrigation inputs followed normal commercial practice for the district. The trial experienced hot and windy conditions typical of the area. Field records were taken on 5 and 14 Feb at peak flowering. Tubers were harvested on 11 Mar 2005.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Ireland	2002	Applied	T1903/48

There have been no sales of ‘Nectar’ (T1903/48) in any country.

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

Table *Solanum* varieties

	‘Nectar’	*‘Orla’	*‘Discovery’	*‘St Johns’
LIGHTSPROUT: SIZE				
large		medium	small to medium	medium
LIGHTSPROUT: SHAPE				
ovoid		conical	conical	cylindrical
LIGHTSPROUT: INTENSITY OF ANTHOCYANIN COLOURATION AT BASE				
weak		absent or very weak	very weak	medium
LIGHTSPROUT: PUBESCENCE OF BASE				
weak		medium	very weak	absent
LIGHTSPROUT: SIZE OF TIP IN RELATION TO BASE				
small		small	medium	medium
LIGHTSPROUT: HABIT OF TIP				
closed		closed	closed	closed
LIGHTSPROUT: INTENSITY OF ANTHOCYANIN COLOURATION OF TIP				
weak		absent	very weak	weak
LIGHTSPROUT: PUBESCENCE OF TIP				
absent or very weak		absent or very weak	medium	absent or very weak
LIGHTSPROUT: NUMBER OF ROOT TIPS				
medium		many	many	few
LIGHTSPROUT: PROTRUSION OF LENTICELS				
weak		weak	strong	medium
LIGHTSPROUT: LENGTH OF LATERAL SHOOTS				
medium		long	medium	short
PLANT: HEIGHT (mm) (LSD $P \leq 0.01 = 21.3$)				
mean	medium	short	tall	medium
std deviation	361 ^b	313 ^a	531 ^c	348 ^b
	37.9	32.1	37.7	29.1
PLANT: TYPE				
intermediate		intermediate	stem	intermediate
PLANT: GROWTH HABIT				
upright to semi upright		semi upright	semi upright	semi upright
PLANT: TIME OF MATURITY				
medium		medium	early	early
STEM: THICKNESS OF MAIN STEM				
medium to thick		medium	thick	thick
STEM: ANTHOCYANIN COLOURATION				

	absent or very weak	absent or very weak	absent or very weak	absent or very weak
LEAF: LENGTH (mm) (LSD P≤0.01 = 13.6)				
mean	209 ^a	179 ^b	177 ^b	172 ^b
std deviation	28.9	24.0	20.8	20.2
LEAF: SIZE				
	large	medium	medium	medium
LEAF: SILHOUETTE				
	intermediate to open	intermediate to closed	intermediate to open	intermediate
LEAF: GREEN COLOUR				
	medium to dark	medium	medium	light
LEAF: ANTHOCYANIN COLOURATION OF MIDRIB ON UPPER SIDE				
	absent or very weak	absent or very weak	absent or very weak	absent or very weak
LEAF: PRESENCE OF SECONDARY LEAFLETS				
	medium	absent	very high	few
LEAFLET: LENGTH (mm) (LSD P≤ 0.01 = 6.7)				
mean (mm)	69 ^a	71 ^a	67 ^a	72 ^a
std deviation	10.0	7.6	7.4	5.7
LEAFLET: WIDTH (mm) (LSD P≤0.01 = 2.5)				
mean	48 ^c	44 ^b	39 ^a	47 ^c
std deviation	4.6	2.8	2.8	4.7
LEAFLET: SIZE				
	medium	medium	medium	medium
LEAFLET: WIDTH				
	medium to broad	medium	narrow to medium	medium to broad
LEAFLET: FREQUENCY OF COALESCENCE				
	low	absent/low	low	absent
LEAFLET: WAVINESS OF MARGIN				
	weak	medium	weak	weak
LEAFLET: DEPTH OF VEINS				
	medium to deep	shallow to medium	medium	shallow to medium
LEAFLET: GLOSSINESS OF UPPERSIDE				
	medium to glossy	medium to glossy	medium	medium
TERMINAL LEAFLET: FREQUENCY OF SECONDARY LEAFLETS				
	absent	very few	few	absent
LATERAL LEAFLET: FREQUENCY OF SECONDARY LEAFLETS				
	high	medium to high	absent	absent
LATERAL LEAFLET: SIZE OF SECONDARY LEAFLET				
	medium to large	medium	n/a	n/a
INFLORESCENCE: SIZE				
	medium	medium	large	small
INFLORESCENCE: ANTHOCYANIN COLOURATION ON PEDUNCLE				

	absent	absent	weak	absent
INFLORESCENCE: FREQUENCY OF FLOWERS	medium	medium	high	medium to high
FLOWER: ANTHOCYANIN COLOURATION ON BUD	absent	absent	weak	absent
FLOWER COROLLA: SIZE	medium to large	medium-large	large	small
FLOWER COROLLA: COLOUR OF INNER SIDE	white	white	blue violet	white
FLOWER: INTENSITY OF ANTHOCYANIN ON INNER SIDE	n/a	n/a	strong	n/a
FLOWER: ANTHOCYANIN COLOURATION OF OUTER SIDE	absent	absent	n/a	absent
FLOWER: SIZE OF WHITE TIPS ON COLOURED FLOWER	n/a	n/a	small	n/a
FRUITS: FREQUENCY	absent	few	absent	absent
TUBER: SHAPE	oval to long oval	oval	short oval	round to short oval
TUBER: DEPTH OF EYES	shallow	very shallow	medium	medium
TUBER: SMOOTHNESS OF SKIN	smooth	smooth	medium	rough
TUBER: COLOUR OF SKIN	yellow	light beige	light beige	light beige
TUBER: COLOUR OF BASE OF EYE	light red	light beige	light beige	light beige
TUBER: COLOUR OF FLESH	light yellow	light yellow	cream	cream

Plant Varieties Journal - Search Result Details**Shasta Daisy (*Leucanthemum xsuperbum*)**

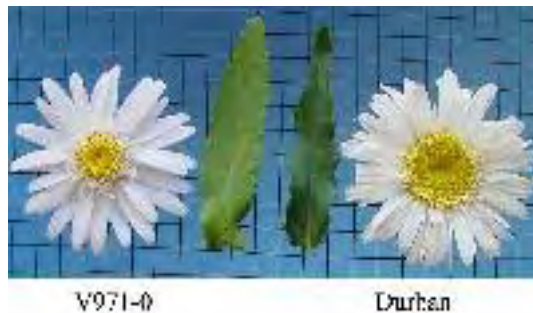
Variety: 'V971-0'
Synonym: N/A

Application no: 2003/276
Current status: ACCEPTED
Certificate no: N/A
Received: 03-Oct-2003
Accepted: 15-Dec-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: NuFlora International Pty Ltd
Agent: N/A
Telephone: 0296052266
Fax: 0296053310

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



Leucanthemum xsuperbum

Shasta Daisy

‘V971-0’

Application No: 2003/276 Accepted: 15 Dec 2003

Applicant: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.

Characteristics Plant: perennial, growth habit bushy, height medium (mean 520mm). Stem: branching decumbent to ascending, colour green (RHS 138A), diameter thin to medium (mean 5.71mm), strength strong, brittleness present. Lateral shoots: attachment to stem medium, angle to stem small. Peduncle: thickness medium, length to terminal flower head medium (mean 127.18mm). Leaf: arrangement alternate, type simple, length of blade medium (mean 68.61mm), length to width ratio 3.54, thickness medium, texture fleshy, degree of serration medium, colour of upper surface green (RHS 137A), shape of blade lanceolate, shape of base broad attenuate, shape of tip acute. Central flower head: size medium, height small to medium (mean 17.21mm), flower type semi-double. Outer bract: shape of apex emarginate. Ray florets: number of rows low (2-3), number of rows of involucre bracts five or less, involucre bracts among ray florets absent, longitudinal axis straight, length of corolla tube medium (mean 2.85mm), cross section of ray flat, keel absent, length of outer florets medium (mean 30.17mm), width of outer florets medium (mean 7.68mm), length to width ratio of outer florets 3.94, thickness medium, shape of tip dentate, colour of outer side white (RHS 155C-D), colour of inner side white (RHS 155C), colour of inner side when faded white (RHS 155C), number medium (28), texture of surface smooth. Disc: diameter small to medium (mean 31.12mm), colour before anther dehiscence yellow (RHS 7C), colour at anther dehiscence yellow-orange (RHS 17A). Disc florets: distribution numerous and massed (type 4), length short (mean 7.98mm), type tubular, colour white (RHS 155C). Receptacle: diameter small to medium (mean 13.98mm), shape domed raised. Natural season of flowering: early. (Note: RHS colour chart numbers refer to 2001 edition.)

Origin and Breeding: Controlled pollination: seed parent ‘Dx97.12.4’ x pollen parent ‘Dx97.12.8’. Both parents were characterised by medium compact habit, flower type semi-double and colour white. Hybridisation took place at Cobbitty, NSW, Australia in 1997. From this cross, seedling ‘V971-0’ was chosen in 1998 on the basis of flower type, flower colour and growth habit. Selection criteria: compact dense habit, flower type semi-double and colour white. Propagation: over ten generations have been grown from this seedling by vegetative cutting and tissue culture and all plants have been found to be uniform and stable. ‘V971-0’ will be commercially propagated by vegetative cuttings from the stock plants. Breeder: Dr. Daniel McDonald, Seven Hills, NSW.

Choice of Comparators: Grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: height medium. Inflorescence: colour of petals white, flower type semi-double. On the basis of these grouping characteristics ‘Durban’ was chosen as the sole comparator. No other varieties of common knowledge have been identified that fit the grouping characteristics. Parents are proprietary breeding lines within the breeding program and not of common knowledge.

Comparative Trial Location: ‘Robs Parlour’, Watts Road, Yowrie NSW 2550 (Latitude 36°18’ South, elevation 250m), spring 2003 to summer 2004-2005. Conditions: trial conducted in field using plastic mulch with under mulch drip irrigation, plants propagated from tissue culture, rooted cuttings planted into field, nutrition maintained with slow release fertilisers, nil pest and disease treatments applied. Trial design: thirty plants of ‘V971-0’ and ten plants of ‘Durban’ arranged in a completely randomised design. Measurements: from ten plants of each variety at random. One sample per plant.

Prior Applications and Sales

Country	Year	Status	Name Applied
Canada	2001	Accepted	‘V971-0’

First overseas sale USA Apr 2001. First Australian sale Nov 2002.

Description: **Mr J D Oates**, VF Solutions, Tuross Head, NSW.

Table *Leucanthemum* varieties

	‘V971-0’	*‘Durban’
PLANT: HEIGHT (mm)		
	short	medium
mean	520.0	711.0
std deviation	72.46	56.02
LSD/sig	70.19	P≤0.01
STEM: INTERNODE LENGTH (mm)		
	medium to long	short to medium
mean	21.23	16.02
std deviation	5.18	2.85
LSD/sig	4.78	P≤0.01
STEM: DIAMETER (mm)		
	thin to medium	medium to thick
mean	5.71	7.46
std deviation	1.35	0.93
LSD/sig	1.63	P≤0.01
STEM: COLOUR (RHS 2001)		
	138A	138A
STEM: ANTHOCYANIN COLOURATION		
	absent	absent
STEM: STRENGTH		
	strong	strong
STEM: BRITTLINESS		
	present	present
LATERAL SHOOT: ATTACHMENT TO STEM		
	medium	medium
LATERAL SHOOT: ANGLE TO STEM		
	small	small
PEDUNCLE: THICKNESS		
	medium	medium
PEDUNCLE: LENGTH TO TERMINAL FLOWER HEAD (mm)		
	medium	long
mean	127.18	225.8
std deviation	11.92	23.38
LSD/sig	19.59	P≤0.01
LEAF: LENGTH OF BLADE (mm)		
	medium	medium to long
mean	68.61	97.88
std deviation	6.58	14.20
LSD/sig	13.60	P≤0.01
LEAF: WIDTH OF BLADE (mm)		
	medium	medium
mean	19.48	21.03
std dev	1.94	4.33
LSD/sig	2.83	ns
LEAF: LENGTH TO WIDTH RATIO		
	low to medium	medium
mean	3.54	5.11
std deviation	0.31	1.45
LSD/sig	1.13	P<0.01
LEAF: THICKNESS		
	medium	medium thick

LEAF: TEXTURE	fleshy	fleshy
LEAF: DEGREE OF SERRATION	medium	medium
LEAF: COLOUR OF UPPER SURFACE (RHS 2001)	137A	139A
LEAF: SHAPE OF BLADE	lanceolate	lanceolate
LEAF: SHAPE OF BASE	broad attenuate	broad attenuate
LEAF: SHAPE OF TIP	acute	acute
CENTRAL FLOWER HEAD: SIZE	medium	medium to large
FLOWER HEAD: HEIGHT (mm)	small to medium	medium to high
mean	17.21	27.49
std deviation	3.32	3.41
LSD/sig	4.44	P≤0.01
FLOWER: TYPE	semi-double	semi-double
OUTER BRACT: SHAPE OF APEX	emarginate	emarginate
RAY FLORETS: NUMBER OF ROWS	low	medium
RAY FLORETS: NUMBER OF ROWS OF INVOLUCRAL BRACTS	five or less	five or less
RAY FLORETS: INVOLUCRAL BRACTS AMONG RAY FLORETS	absent	absent
RAY FLORETS: LONGITUDINAL AXIS	straight	straight
RAY FLORETS: LENGTH OF COROLLA TUBE (mm)	medium	medium
mean	2.85	3.604
std deviation	0.39	0.82
LSD/sig	0.71	P≤0.01
RAY FLORETS: CROSS SECTION OF RAY	flat	convex
RAY FLORETS: KEEL	absent	absent
RAY FLORETS: LENGTH OF OUTER FLORETS (mm)	medium	medium to long
mean	30.17	39.63
std deviation	2.15	3.71
LSD/sig	2.80	P≤0.01
RAY FLORETS: WIDTH OF OUTER FLORETS (mm)	medium	medium to broad

mean	7.68	10.93
std deviation	0.65	1.25
LSD/sig	1.02	P≤0.01

RAY FLORETS: LENGTH TO WIDTH RATIO OF OUTER FLORETS

	medium	medium
mean	3.94	3.66
std deviation	0.23	0.44
LSD/sig	0.41	ns

RAY FLORETS: THICKNESS

medium	medium
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RAY FLORETS: SHAPE OF TIP

dentate	dentate - spurred
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RAY FLORETS: COLOUR OF OUTER SIDE (RHS 2001)

155C-D	155C
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RAY FLORETS: COLOUR OF INNER SIDE (RHS 2001)

155C	155C
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RAY FLORETS: COLOUR OF INNER SIDE WHEN FADED (RHS 2001)

155C	155C
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RAY FLORETS: NUMBER

medium	high
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RAY FLORETS: TEXTURE OF SURFACE

smooth	smooth
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DISC: DIAMETER (mm)

	small to medium	medium to large
mean	31.12	40.29
std deviation	3.31	4.78
LSD/sig	3.90	P≤0.01

DISC: COLOUR BEFORE ANTHR DEHISCENCE (RHS 2001)

7C	16A
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DISC: COLOUR AT ANTHR DEHISCENCE (RHS 2001)

17A	n/a
-----	-----

DISC FLORETS: DISTRIBUTION

type 4	type 2-3
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DISC FLORETS: LENGTH

	short	medium
mean	7.98	10.01
std deviation	0.73	0.82
LSD/sig	0.52	P≤0.01

DISC FLORETS: TYPE

tubular	tubular
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DISC FLORETS: COLOUR (RHS 2001)

155C	155C
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RECEPTACLE: DIAMETER (mm)

	small to medium	medium to large
mean	13.98	23.64
std deviation	2.08	3.30
LSD/sig	2.79	P≤0.01

RECEPTACLE: SHAPE

domed raised	domed flat
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NATURAL SEASON OF FLOWERING

early

early to medium

Plant Varieties Journal - Search Result Details

Twinspur (*Diascia hybrid*)

Variety: 'Codiwim'
Synonym: N/A

Application no: 2004/287
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 2

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	2004/287
Variety Name	‘Codiwim’
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	Nil
Qualified Person	Mr. John Oates

Details of Comparative Trial

Location	Rob’s Parlour, 160 Watts Rd, Yowrie NSW 2550
Descriptor	UPOV TG/102/3
Period	Oct 2004 to Jan 2005
Conditions	Field planting into plastic mulch with under mulch drip irrigation. No disease or insect damage. Nil growth restrictions.
Trial Design	Random transplanted, 20 plants of candidate and 20 plants of comparator
Measurements	Plant: diameter, height and ratio leaf: length, width and ratio flower: width (across wing petals), diameter (standard tip to keel tip), width/diameter ratio, spurs distance between. peduncle: length
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination followed by pedigree selection: ‘Codiapae’ x pollen parent X99.54.9 Seed parent is characterised by stem thickness fine and heat tolerance moderate. Pollen parent, a breeding line characterised by plant form spreading and flower colour white with pink blush on edge. The cross was made in 1999 and D9 was selected at the Plant Breeding Institute, Cobbitty, NSW in spring 1999. Selection criteria: Flower colour, Time of flowering, Plant form. D9 (‘Codiwim’) was first trialed in Australia in 2000 and in USA in 2001, in pot and field trials. It 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 Context Part		State of Expression in Group of Varieties
Leaf	Shape of Base	Truncate to Cordate
Plant	Size	Medium
Flower	Time of commencement of flowering	Early

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Strawberry Sundae’	nil
‘Codiapae’	nil
‘Codiach’	nil

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristics		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context			
‘Codiach’	Leaf	Shape of Base	Truncate	Cordate	nil
‘Codiapae’	Leaf	Shape of Base	Truncate	Cordate	nil

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		‘Codiwim’	*‘Strawberry Sundae’
<input checked="" type="checkbox"/>	Plant: height of foliage	medium to tall	medium
<input checked="" type="checkbox"/>	Plant: width	medium to broad	medium
<input checked="" type="checkbox"/>	Leaf: length	medium	short to medium
<input checked="" type="checkbox"/>	Leaf: maximal width	medium	narrow to medium
<input type="checkbox"/>	Leaf blade: shape	ovate	ovate
<input checked="" type="checkbox"/>	Flower: diameter	medium to large	small to medium
<input type="checkbox"/>	Flower: number of colours	one	two
<input checked="" type="checkbox"/>	Flower: main colour of upper side of petal (RHS colour chart)	76D	63C
<input type="checkbox"/>	Flower: eye zone	present	present
<input type="checkbox"/>	Flower: size of eye zone	medium	medium
<input checked="" type="checkbox"/>	Flower: colour of eye zone (RHS colour chart)	47A	64A
<input type="checkbox"/>	Time of: beginning of flowering	very early to early	very early to early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Codiwim’	*‘Strawberry Sundae’
<input checked="" type="checkbox"/> Papillae : on Flower Surface at base of anthers	present	absent
<input type="checkbox"/> Flower: Eye Zone	present	present
<input checked="" type="checkbox"/> Flower: Distance between Spur Tips	long	short
<input type="checkbox"/> Flower: Width	long	n/a
<input type="checkbox"/> Anther Filament: Papillae	present	present
<input type="checkbox"/> Anther Papillae: Colour	N79A	N79A
<input checked="" type="checkbox"/> Papillae on Flower Surface: Colour	N97A	n/a
<input checked="" type="checkbox"/> Leaf: Colour of Upper Side	137A	137A
<input type="checkbox"/> Papillae: on leaf surface at base of anthers	present	n/a
<input type="checkbox"/> Papillae: Colour	187A	n/a
<input checked="" type="checkbox"/> Flower: Length of face	medium to long	short to medium
<input checked="" type="checkbox"/> Flower: Width of Face	medium to long	medium
<input type="checkbox"/> Peduncle: Length	medium to long	medium
<input type="checkbox"/> Spur: Colour	61C	64A

Statistical Table

Organ/Plant Part: Context	‘Codiwim’	*‘Strawberry Sundae’
<input type="checkbox"/> Plant: Height (mm)		
Mean	302.50	292.00
Std. Deviation	28.60	27.00
LSD/sig	10.86	ns
<input checked="" type="checkbox"/> Plant: Width (mm)		
Mean	507.50	441.00
Std. Deviation	57.31	45.81
LSD/sig	11.15	P≤0.01
<input checked="" type="checkbox"/> Plant: Diameter/Width Ratio		
Mean	0.60	0.67
Std. Deviation	0.05	0.08
LSD/sig	0.05	P≤0.01
<input checked="" type="checkbox"/> Flower: Diameter (across upper lips) (mm)		
Mean	23.64	20.30
Std. Deviation	1.32	0.77
LSD/sig	0.37	P≤0.01
<input checked="" type="checkbox"/> Flower: Width (across wing petals) (mm)		
Mean	23.02	20.68
Std. Deviation	1.45	0.74
LSD/sig	0.49	P≤0.01

<input checked="" type="checkbox"/> Flower: Diameter/Width Ratio		
Mean	1.03	0.99
Std. Deviation	0.04	0.02
LSD/sig	0.03	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	22.51	20.40
Std. Deviation	2.07	1.65
LSD/sig	0.05	P≤0.01
<input checked="" type="checkbox"/> Leaf: Width (mm)		
Mean	14.33	10.99
Std. Deviation	1.44	0.82
LSD/sig	0.52	P≤0.01
<input checked="" type="checkbox"/> Leaf: Length/Width Ratio		
Mean	1.58	1.85
Std. Deviation	0.16	0.09
Lsd/sig	0.05	P≤0.01
<input checked="" type="checkbox"/> Peduncle: Length (longest) (mm)		
Mean	15.07	11.61
Std. Deviation	0.78	3.62
LSD/sig	0.91	P≤0.01
<input checked="" type="checkbox"/> Flower Spurs: Width between Spurs (mm)		
Mean	7.15	2.14
Std. Deviation	0.94	0.76
LSD/sig	0.34	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2004	Applied	'Codiwim'

First sold in Australia in Oct 2004.

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

Plant Varieties Journal - Search Result Details**Lettuce (*Lactuca sativa*)**

Variety: 'Veredes'
Synonym: N/A

Application no: 2005/003
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 2

Title Holder: Nunhems B.V.

Agent: Shelston IP

Telephone: 02977771127

Fax: 0292414666

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



Details of Application

Application Number	2005/003
Variety Name	'Veredes'
Genus Species	<i>Lactuca sativa</i>
Common Name	Lettuce
Synonym	Nil
Accepted Date	04 Feb 2005
Applicant	Nunhems B.V., Haelen, The Netherlands
Agent	Shelston IP, Sydney, NSW.
Qualified Person	Mr. John Oates

Details of Comparative Trial

Overseas Testing Authority	Naktuinbouw, The Netherlands,
Overseas Data Reference Number	EU Grant 13622 (File No. 2000/1612)
Location	Overseas data was confirmed by local observations at Daniel Agius, Hazlett Road , Kellyville, NSW 2155.
Descriptor	UPOV/TG13/8
Period	Jan - March 2005
Conditions	Local conditions: hydroponic trial using NFT technique nil shade, plants propagated from coated seed, nil pest and disease treatments applied.
Trial Design	One hundred plants of 'Veredes' and of 'Kristone' were arranged in a randomised design.
Measurements	Measurements: from ten plants of each variety at random. One sample per plant.
RHS Chart - edition	2001

Origin and Breeding

Controlled pollination: seed parent Nunza breeding line x pollen parent Nunza breeding line. The seed parent is characterised by Bremia resistance. The pollen parent is characterised by Nasonovia resistance. Hybridisation took place in the Netherlands in 1996. From this cross the line Nun 0029 ('Veredes') resulted from continued selection for the characteristics through to the F₇ generation. Selection criteria: seed colour black, leaf shape oak-leaf, leaf colour green , Bremia resistance to strains B1,11,12,14,16,21,23 and *Nasonovia ribis nigri* resistance. 'Veredes' 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
Leaf	Colour	Green
Leaf	Shape	Oak Leaf
Plant	Diameter	Medium
Head	Density	Medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Kristone’	Similar in many characteristics to ‘Veredes’
‘Basic’	subsequently excluded
‘Green Salad Bowl’	subsequently excluded
‘Smile’	subsequently excluded

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	Organ/Plant Part	Context	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
‘Basic’	Leaf	margin	strong undulation		very strong	nil
‘Green Salad Bowl’	Head	maturity	early		very late	nil
‘Smile’	Head	maturity	early		late	nil
‘Green Salad Bowl’	Leaf	shape	circular		elliptic-broad elliptic	nil

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	‘Veredes’	*‘Kristone’
<input type="checkbox"/> Seed: colour	black	black
<input type="checkbox"/> Leaf: attitude at 10-12 leaf stage	semi-erect	semi-erect
<input 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 type="checkbox"/> Head: density	medium	medium
<input type="checkbox"/> Head: size	medium	medium
<input checked="" type="checkbox"/> Head: shape in longitudinal section	broad elliptic	circular
<input type="checkbox"/> Leaf: thickness	medium	medium
<input type="checkbox"/> Leaf: attitude at harvest maturity	semi-erect	semi-erect
<input checked="" type="checkbox"/> Leaf: shape	circular	transverse broad elliptic

<input type="checkbox"/>	Leaf: tip of leaf blade	rounded	rounded
<input type="checkbox"/>	Leaf: hue of green colour of outer leaves	absent	absent
<input type="checkbox"/>	Leaf: intensity of colour of outer leaves	light to medium	light to medium
<input type="checkbox"/>	Leaf: anthocyanin colouration	absent	absent
<input type="checkbox"/>	Leaf: glossiness of upper side	weak	weak
<input checked="" type="checkbox"/>	Leaf: blistering	weak	medium to strong
<input checked="" type="checkbox"/>	Leaf: size of blisters	small	medium
<input checked="" type="checkbox"/>	Leaf blade: degree of undulation of margin	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 checked="" type="checkbox"/>	Axillary: sprouting	weak	absent or very weak
<input type="checkbox"/>	Time of: harvest maturity	early	early
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 16			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 2			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 15			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 21			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 23			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 17			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 12			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	absent	n/a
Isolate B1 18			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 14			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 5			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	absent	n/a
Isolate B1 20			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	present	n/a
Isolate B1 7			
<input type="checkbox"/>	Resistance to: downy mildew (<i>Bremia lactucae</i>)	absent	n/a

Isolate B1 22			
<input type="checkbox"/> Resistance to: downy mildew (<i>Bremia lactucae</i>)	absent	n/a	
Isolate B1 24			
<input type="checkbox"/> Resistance to: lettuce mosaic virus Strain Ls 1	present	n/a	

Note: Disease resistance data was taken from overseas observations.

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Veredes’	*‘Kristone’
<input type="checkbox"/> Leaf: colour	RHS 144A	144A-B

Statistical Table

Organ/Plant Part: Context	‘Veredes’	*‘Kristone’
<input type="checkbox"/> Plant: diameter (mm)		
Mean	310.00	279.50
Std. Deviation	17.16	20.47
LSD/sig	15.73	P≤0.01
<input type="checkbox"/> Plant: height/diameter ratio		
Mean	0.54	0.50
Std. Deviation	0.05	0.03
LSD/sig	0.05	ns
<input type="checkbox"/> Plant: height (mm)		
Mean	169.00	138.50
Std. Deviation	19.26	13.34
LSD/sig	19.90	P≤0.01

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2000	Granted	‘Veredes’

First sold in The Netherlands in Feb 2001. First Australian sale Jul 2004.

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

Plant Varieties Journal - Search Result Details**Grape (*Vitis vinifera*)**

Variety: 'I10V1-S'
Synonym: N/A

Application no: 2003/269
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Sep-2003
Accepted: 21-Nov-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Peter Michael Burne and Robert Garry Trezise

Agent: N/A
Telephone: 0885951246
Fax: 0885981157

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



Details of Application

Application Number	2003/269
Variety Name	'I10V1-S'
Genus Species	<i>Vitis vinifera</i>
Common Name	Grape
Synonym	Nil
Accepted Date	21 Nov 2003
Applicant	Peter Michael Burne and Robert Garry Trezise, Renmark, SA.
Agent	Nil
Qualified Person	Peter Burne

Details of Comparative Trial

Location	Section 66 Murtho Road, Paringa, South Australia
Descriptor	TG/50/8
Period	September 2001 to April 2005
Conditions	Vines were grown on a typical 1.8m high two wire vertical Riverland trellis under drip irrigation. They received standard 'tight box' mechanical pruning during dormancy, and standard management practices (i.e. irrigation, fertilisers and sprays) during the growing season.
Trial Design	The trial was composed of four 96 metre long rows running north-south. Row 1 (western row) contained 77 own root 'I10V1-S' vines. Row 2 contained 76 own root Chardonnay vines. Rows 3 and 4 contained a total of 95 'I10V1-S' grafted on Paulsen rootstock.
Measurements	Observations were made throughout the 2003- 4 and 2004-5 growing seasons in accordance with UPOV Guidelines TG/50/8.
RHS Chart - edition	N/A

Origin and Breeding

1. Spontaneous mutation Jan1999: A 'Chardonnay' vine was noticed in a vineyard on R and M Trezise's property at Murtho S.A. It had much smaller berries and bunches, aborted seeds that make it appear seedless and a leaf mutation on the petiolar sinus. It appeared to be a bud sport.
2. Feb 2000: Two litres of wine was made from the fruit of the vine.
3. Winter 2000: the vine was DNA tested and shown to be 'Chardonnay' and also free of all detectable viruses and phytoplasmas.
4. Feb 2001: wine was again made and found to have the distinctive aroma and flavour of 'Chardonnay'.
5. Dormancy 2001: Cuttings were taken from the vine and propagated to produce 77 own rooted vines and 95 grafted on Paulsen rootstock. They were planted directly into two rows on Paulsen and one row on own roots with a single row of normal 'Chardonnay' vines separating the rootstock vines and own roots test vines.
6. Feb 2002: Wine was made at the University of Adelaide's winery.

7. 2002-2003 growing season: All the young test vines were found to be morphologically identical to the parent mother vine suggesting that the mutations are stable.
8. Feb 2003: Wine was made from both the mother vine and the progeny vines at the University of Adelaide's winery. Again it was found to have the aroma and flavour typical of 'Chardonnay'.
9. Jul 2003: Cuttings were taken from the first generation vines for propagation. They produced second generation vines that were morphologically identical to the original mother vine.
10. Feb 2004 and 2005: Winemaking trials were again performed.
- Selection criteria: seedless distinctive small berries and smaller bunches.
- Breeder: Peter M. Burne. Paringa, SA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Bud	time of burst	early
Mature Leaf	shape of blade	orbicular
Mature Leaf	petiole sinus limited by veins	present
Berry	colour of skin	yellow-green

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Chardonnay'	'Chardonnay' is the parent variety from which the candidate variety (i.e. 'I10V1-S') mutated. Approximately one cane per 2000 canes revert back to the parent 'Chardonnay'.

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	'I10V1-S'	*'Chardonnay'
<input type="checkbox"/> *Time of: bud burst (varieties for fruit production only)	early	early
<input type="checkbox"/> *Young shoot: openness of tip	fully open	fully open
<input type="checkbox"/> *Young shoot: density of prostrate hairs on tip	medium	medium
<input type="checkbox"/> *Young shoot: anthocyanin colouration of prostrate hairs on tip	weak	weak
<input type="checkbox"/> *Young leaf: Colour of upper side of blade	green with anthocyanin spots	green with anthocyanin spots
<input type="checkbox"/> Young leaf: density of prostrate hairs between main veins on lower side of blade	medium	medium
<input type="checkbox"/> Shoot: attitude	semi-erect to horizontal	semi-erect to horizontal
<input type="checkbox"/> *Shoot: colour of ventral side of internode	green with red stripes	green with red stripes

<input type="checkbox"/>	Shoot: density of erect hairs on internodes	absent or very sparse	absent or very sparse
<input type="checkbox"/>	Shoot: number of consecutive tendrils	less than three	less than three
<input type="checkbox"/>	*Flower: sexual organs	stamens and gynoecium both fully developed	stamens and gynoecium both fully developed
<input type="checkbox"/>	*Adult leaf: size of blade	medium	medium
<input type="checkbox"/>	*Mature leaf: shape of blade	orbicular	orbicular
<input type="checkbox"/>	*Mature leaf: number of lobes	none	none
<input type="checkbox"/>	Mature leaf: depth of upper lateral sinuses	very shallow	very shallow
<input checked="" type="checkbox"/>	*Mature leaf: arrangement of lobes of petiole sinus	wide open	slightly open
<input type="checkbox"/>	Mature leaf: petiole sinus limited by veins	present	present
<input type="checkbox"/>	*Mature leaf: length of teeth	medium	medium
<input type="checkbox"/>	*Mature leaf: ratio length/width of teeth	medium	medium
<input type="checkbox"/>	*Mature leaf: shape of teeth	mixture of both sides straight & both sides convex	mixture of both sides straight & both sides convex
<input type="checkbox"/>	*Mature leaf: anthocyanin colouration of main veins on upper side of blade	absent or very weak	absent or very weak
<input type="checkbox"/>	*Mature leaf: density of prostrate hairs between main veins on lower side of blade	absent or very sparse to sparse	absent or very sparse
<input type="checkbox"/>	*Mature leaf: density of erect hairs on main veins on lower side of blade	medium	absent or very sparse to sparse
<input type="checkbox"/>	Mature leaf: length of petiole compared to middle vein	slightly shorter	slightly shorter
<input type="checkbox"/>	*Time of: beginning of berry ripening (varieties for fruit production only)	early	early
<input checked="" type="checkbox"/>	*Bunch: size	very small to small	small to medium
<input type="checkbox"/>	*Bunch: density	dense	dense
<input type="checkbox"/>	*Bunch: length of peduncle	short	short
<input checked="" type="checkbox"/>	*Berry: size	very small	medium
<input type="checkbox"/>	*Berry: shape in profile	circular	circular
<input type="checkbox"/>	*Berry: colour of skin	yellow-green	yellow-green
<input type="checkbox"/>	Berry: ease of detachment from pedicel	very easy	very easy
<input type="checkbox"/>	*Berry: anthocyanin colouration of flesh	absent or very weak	absent or very weak

<input type="checkbox"/>	Berry: juiciness of flesh	very juicy	very juicy
<input type="checkbox"/>	*Berry: particular flavour	herbaceous	herbaceous
<input checked="" type="checkbox"/>	*Berry: formation of seeds	rudimentary	complete
<input type="checkbox"/>	Woody shoot: main colour	yellowish brown	yellowish brown

Prior Applications and Sales

Nil.

Description: **Peter Burne**, Paringa, SA.

Plant Varieties Journal - Search Result Details**Nemesia (*Nemesia hybrid*)****Variety:** 'Strawberries & Cream'**Synonym:** N/A**Application no:** 2004/112**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2004**Accepted:** 01-May-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Plant Growers Australia Pty Ltd**Agent:** N/A**Telephone:** 0397221444**Fax:** 0397221018

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



Details of Application

Application Number	2004/112
Variety Name	'Strawberries & Cream'
Genus Species	<i>Nemesia</i> hybrid
Common Name	Nemesia
Synonym	Nil
Accepted Date	01 May 2004
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC.
Agent	Nil
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	3 Harris Rd, Wonga Park, VIC.
Descriptor	Nemesia descriptor
Period	Feb 2005 to May 2005
Conditions	Trial conducted in the open, plants propagated from cuttings, transferred from plugs to 140mm pots in February 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: seed parent is characterised by a sparse plant density. It is from the breeders own stock collection. Pollen parent is *Nemesia* 'Confetti Purple' and is characterised by both violet and purple corolla colours. The breeders' aim was to produce a series of heat tolerant *Nemesias* in a range of colours. Pollination took place in Park Orchards, VIC, Australia in Jul 2001. Seed was collected and sown in Aug 2001. The seedlings, once raised, were grown out to flowering stage in 100mm containers where a selection was made on the basis of flower colour, in having different purple colour on the upper lip of the corolla than on the lower lip. Propagation: The seedling after being isolated was then propagated via cuttings to establish trial stock plants. This initial and three subsequent generations were all found to be uniform and stable. Final selection for commercialisation occurred in Oct 2002. 'Strawberries & Cream' will continue to be commercially propagated by cuttings. Breeder: Plant Growers Australia, Wonga Park, VIC, 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
Upper lip of corolla	colour	purple
Lower lip of corolla	colour	purple
Upper lip of corolla	undulation of margin of lobes	weak

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Aromatica Light Pink'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context		
'Confetti'	Upper lip of corolla	undulation of margin of lobes	weak 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		'Strawberries & Cream'	*'Aromatica Light Pink'
<input type="checkbox"/>	Plant: growth habit	upright	
<input type="checkbox"/>	Plant: density	medium	
<input type="checkbox"/>	Plant: life cycle	perennial	
<input type="checkbox"/>	Plant: height	tall	
<input type="checkbox"/>	Leaf: variegation	absent	
<input type="checkbox"/>	Leaf: shape of apex	narrow acute	
<input type="checkbox"/>	Leaf: shape of margin	serrate	
<input type="checkbox"/>	Leaf: shape of blade	ovate	
<input type="checkbox"/>	Upper lip of corolla: relative position of two middle lobes	free	
<input type="checkbox"/>	Upper lip of corolla: undulation of margin of lobes	weak	weak
<input checked="" type="checkbox"/>	Upper lip of corolla: colour (RHS colour chart)	purple 75A	purple 76D
<input type="checkbox"/>	Upper lip of corolla: colour pattern	fading towards margins	
<input type="checkbox"/>	Upper lip of corolla: presence of basal spot	present	present
<input checked="" type="checkbox"/>	Upper lip of corolla: colour of basal spot	dark yellow	light yellow

<input type="checkbox"/>	Upper lip of corolla: colour of venation	purple	
<input checked="" type="checkbox"/>	Lower lip of corolla: undulation of margin	strong	weak
<input checked="" type="checkbox"/>	Lower lip of corolla: main colour of inner side (RHS colour chart)	lighter than 75D purple	purple 76D
<input checked="" type="checkbox"/>	Lower lip of corolla: colour of palate	dark yellow	medium yellow
<input type="checkbox"/>	Lower lip of corolla: size of palate	large	
<input type="checkbox"/>	Spur: main colour	pink	
<input checked="" type="checkbox"/>	Spur: curvature	weak	strong

Statistical Table

Organ/Plant Part: Context	‘Strawberries & Cream’	*‘Aromatica Light Pink’
<input checked="" type="checkbox"/> Corolla: length (mm)		
Mean	24.60	18.70
Std. Deviation	0.97	1.06
LSD/sig	1.35	P≤0.01
<input checked="" type="checkbox"/> Pedicel: length (mm)		
Mean	21.60	12.30
Std. Deviation	1.12	1.09
LSD/sig	1.55	P≤0.01
<input checked="" type="checkbox"/> Corolla: width (mm)		
Mean	21.50	18.50
Std. Deviation	1.01	0.82
LSD/sig	1.14	P≤0.01

Prior Applications and Sales

No prior applications. First sold in Australia in June 2003.

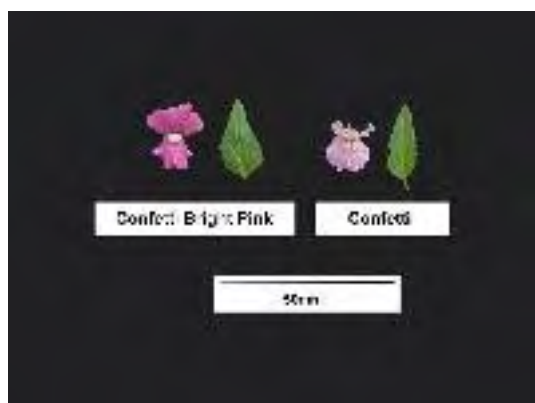
Description: **Steve Eggleton**, Wonga Park, VIC.

Plant Varieties Journal - Search Result Details**Nemesia (*Nemesia hybrid*)****Variety:** 'Confetti Bright Pink'**Synonym:** N/A**Application no:** 2004/116**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2004**Accepted:** 01-May-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Plant Growers Australia Pty Ltd**Agent:** N/A**Telephone:** 0397221444**Fax:** 0397221018

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



Details of Application

Application Number	2004/116
Variety Name	'Confetti Bright Pink'
Genus Species	<i>Nemesia</i> hybrid
Common Name	Nemesia
Synonym	Nil
Accepted Date	1 May 2004
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC.
Agent	Nil
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	3 Harris Rd, Wonga Park, VIC.
Descriptor	Nemesia descriptor
Period	Feb 2005 to May 2005
Conditions	Trial conducted in the open, plants propagated from cuttings, transferred from plugs to 140mm pots in February 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

Open pollination: the seed parent is breeder's own stock plant characterised by pink flowers and its seed parent being *Nemesia* 'Confetti'. The breeder's aim was to produce a series of heat tolerant *Nemesias* in a range of colours. Pollination took place in Park Orchards, VIC, Australia in Nov 2001. Seed was collected and sown in Dec 2001. The seedlings, once raised, were grown out to flowering stage in 100mm containers where a selection was made on the basis of flower colour red-purple.

Propagation: The seedling after being isolated was then propagated via cuttings to establish trial stock plants. This initial and three subsequent generations were all found to be uniform and stable. Final selection for commercialisation occurred in Oct 2002. 'Confetti Bright Pink' will continue to be commercially propagated by cuttings.

Breeder: Plant Growers Australia, Wonga Park, VIC, 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
Upper lip of corolla	undulation of margin of lobes	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Confetti'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments										
<table> <tr> <th>Organ/Plant Part</th><th>Context</th><th></th><th></th><th></th></tr> <tr> <td>'Aromatica Rose Pink'</td><td>upper lip of corolla</td><td>undulation of margin of lobes</td><td>medium</td><td>absent to very weak</td></tr> </table>					Organ/Plant Part	Context				'Aromatica Rose Pink'	upper lip of corolla	undulation of margin of lobes	medium	absent to very weak
Organ/Plant Part	Context													
'Aromatica Rose Pink'	upper lip of corolla	undulation of margin of lobes	medium	absent to 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	'Confetti Bright Pink'	*'Confetti'
<input type="checkbox"/> Plant: growth habit	upright	
<input type="checkbox"/> Plant: density	medium	
<input type="checkbox"/> Plant: life cycle	perennial	
<input type="checkbox"/> Plant: height	medium to tall	
<input type="checkbox"/> Leaf: variegation	absent	
<input type="checkbox"/> Leaf: shape of apex	narrow acute	
<input type="checkbox"/> Leaf: shape of margin	serrate	
<input type="checkbox"/> Leaf: shape of blade	ovate	
<input checked="" type="checkbox"/> Upper lip of corolla: relative position of two middle lobes	touching	free
<input type="checkbox"/> Upper lip of corolla: undulation of margin of lobes	medium	medium
<input checked="" type="checkbox"/> Upper lip of corolla: colour (RHS colour chart)	red-purple 70B	purple 75B
<input type="checkbox"/> Upper lip of corolla: colour pattern	even	
<input type="checkbox"/> Upper lip of corolla: presence of basal spot	absent	
<input type="checkbox"/> Upper lip of corolla: colour of venation	violet	
<input type="checkbox"/> Lower lip of corolla: undulation of margin	medium	

<input checked="" type="checkbox"/>	Lower lip of corolla: main colour of inner side (RHS colour chart)	red-purple 70B	purple 75B
<input type="checkbox"/>	Lower lip of corolla: colour of palate	medium yellow	
<input type="checkbox"/>	Lower lip of corolla: size of palate	medium	
<input type="checkbox"/>	Spur: main colour	purple	
<input type="checkbox"/>	Spur: curvature	weak	

Statistical Table

Organ/Plant Part: Context		‘Confetti Bright Pink’	*‘Confetti’
<input type="checkbox"/>	Corolla: length (mm)		
	Mean	19.00	
	Std. Deviation	1.19	
<input checked="" type="checkbox"/>	Corolla: width (mm)		
	Mean	18.00	13.00
	Std. Deviation	0.85	0.91
	LSD/sig	0.89	P≤0.01
<input type="checkbox"/>	Pedice: length (mm)		
	Mean	13.00	
	Std. Deviation	0.91	

Prior Applications and Sales

No prior applications. First sold in Australia in June 2003.

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

Plant Varieties Journal - Search Result Details**Nemesia (*Nemesia hybrid*)****Variety:** 'Confetti Blue'**Synonym:** N/A**Application no:** 2004/114**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2004**Accepted:** 17-May-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Plant Growers Australia Pty Ltd**Agent:** N/A**Telephone:** 0397221444**Fax:** 0397221018

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



Details of Application

Application Number	2004/114
Variety Name	'Confetti Blue'
Genus Species	<i>Nemesia</i> hybrid
Common Name	Nemesia
Synonym	Nil
Accepted Date	17 May 2004
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC.
Agent	Nil
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	3 Harris Rd, Wonga Park, VIC.
Descriptor	Nemesia descriptor
Period	Feb 2005 to May 2005
Conditions	Trial conducted in the open, plants propagated from cuttings, transferred from plugs to 140mm pots in February 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

Open pollination: the seed parent is breeder's own stock plant characterised by pink flowers and its seed parent being *Nemesia* 'Confetti'. The breeders aim was to produce a series of heat tolerant *Nemesias* in a range of colours. Pollination took place in Park Orchards, VIC, Australia in Nov 2001. Seed was collected and sown in Dec 2001. The seedlings, once raised, were grown out to flowering stage in 100mm containers where a selection was made on the basis of flower colour purple-violet.

Propagation: The seedling after being isolated was then propagated via cuttings to establish trial stock plants. This initial and three subsequent generations were all found to be uniform and stable. Final selection for commercialisation occurred in October 2002. 'Confetti Blue' will continue to be commercially propagated by cuttings. Breeder: Plant Growers Australia, Wonga Park, VIC, 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
Upper lip of corolla	colour	purple-violet (RHS 82C)
Lower lip of corolla	colour	purple-violet (RHS 82C)

Most Similar Varieties of Common Knowledge identified (VCK)

Name		Comments	
‘Aromatica Lavender’			
Organ/Plant Part: Context		‘Confetti Blue’	*‘Aromatica Lavender’
<input checked="" type="checkbox"/>	Plant: growth habit	spreading	upright
<input type="checkbox"/>	Plant: density	medium	
<input type="checkbox"/>	Plant: life cycle	perennial	
<input type="checkbox"/>	Leaf: variegation	absent	
<input type="checkbox"/>	Leaf: shape of apex	narrow acute	
<input type="checkbox"/>	Leaf: shape of margin	serrate	
<input checked="" type="checkbox"/>	Leaf: shape of blade	ovate	lanceolate
<input checked="" type="checkbox"/>	Upper lip of corolla: relative position of two middle lobes	free	touching
<input type="checkbox"/>	Upper lip of corolla: undulation of margin of lobes	absent to very weak	
<input type="checkbox"/>	Upper lip of corolla: colour (RHS colour chart)	purple violet 82C	purple violet 82C
<input type="checkbox"/>	Upper lip of corolla: colour pattern	even	
<input type="checkbox"/>	Upper lip of corolla: presence of basal spot	absent	
<input type="checkbox"/>	Upper lip of corolla: colour of venation	violet	
<input checked="" type="checkbox"/>	Lower lip of corolla: undulation of margin	medium	weak
<input type="checkbox"/>	Lower lip of corolla: main colour of inner side (RHS colour chart)	purple violet 82C	purple violet 82C
<input checked="" type="checkbox"/>	Lower lip of corolla: colour of palate	medium yellow	yellow white
<input type="checkbox"/>	Lower lip of corolla: size of palate	small	
<input type="checkbox"/>	Spur: main colour	white	
<input type="checkbox"/>	Spur: curvature	weak	
<input checked="" type="checkbox"/>	Plant: growth habit	spreading	upright

Statistical Table**Organ/Plant Part: Context****‘Confetti Blue’**
☐ Corolla: Length (mm)

Mean 20.50

Std. Deviation 0.97

☐ Corolla: Width (mm)

Mean 18.60

Std. Deviation 0.90

☐ Pedicel: Length (mm)

Mean 14.00

Std. Deviation 1.15

Prior Applications and Sales

No prior applications. First sold in Australia in June 2003.

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

Plant Varieties Journal - Search Result Details**Nemesia (*Nemesia hybrid*)****Variety:** 'Confetti Rosé'**Synonym:** N/A**Application no:** 2004/115**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2004**Accepted:** 01-May-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Plant Growers Australia Pty Ltd**Agent:** N/A**Telephone:** 0397221444**Fax:** 0397221018

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



Details of Application

Application Number	2004/115
Variety Name	'Confetti Rosé'
Genus Species	<i>Nemesia</i> hybrid
Common Name	Nemesia
Synonym	Nil
Accepted Date	01 May 2004
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC.
Agent	Nil
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	3 Harris Rd, Wonga Park, VIC.
Descriptor	Nemesia descriptor
Period	Feb 2005 to May 2005
Conditions	Trial conducted in the open, plants propagated from cuttings, transferred from plugs to 140mm pots in February 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: seed parent is *Nemesia* 'Confetti Purple' and is characterised by both violet and purple corolla colours. Pollen parent is characterised by a sparse plant density and it is from the breeders own stock collection. The breeder's aim was to produce a series of heat tolerant *Nemesias* in a range of colours. Pollination took place in Park Orchards, VIC, Australia in Jul 2001. Seed was collected and sown in Aug 2001. The seedlings, once raised, were grown out to flowering stage in 100mm containers where a selection was made on the basis of flower colour red purple and plant density dense. Propagation: The seedling after being isolated was then propagated via cuttings to establish trial stock plants. This initial and three subsequent generations were all found to be uniform and stable. Final selection for commercialisation occurred in Oct 2002. 'Confetti Rosé' will continue to be commercially propagated by cuttings. Breeder: Plant Growers Australia, Wonga Park, VIC, 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
Upper lip of corolla	colour	red-purple
Lower lip of corolla	colour	red purple
Plant	density	dense

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Aromatica Rose Pink'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context		
'Confetti Bright Pink'	plant	density	dense	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	'Confetti Rosé'	* 'Aromatica Rose Pink'
<input type="checkbox"/> Plant: growth habit	upright	
<input type="checkbox"/> Plant: density	dense	dense
<input type="checkbox"/> Plant: life cycle	perennial	
<input type="checkbox"/> Plant: height	medium	
<input type="checkbox"/> Leaf: variegation	absent	
<input type="checkbox"/> Leaf: shape of apex	narrow acute	
<input type="checkbox"/> Leaf: shape of margin	serrate	
<input type="checkbox"/> Leaf: shape of blade	ovate	
<input type="checkbox"/> Upper lip of corolla: relative position of two middle lobes	touching	touching
<input type="checkbox"/> Upper lip of corolla: undulation of margin of lobes	weak	absent to very weak
<input checked="" type="checkbox"/> Upper lip of corolla: colour (RHS colour chart)	red purple 75B	red purple 66D
<input type="checkbox"/> Upper lip of corolla: colour pattern	even	
<input type="checkbox"/> Upper lip of corolla: presence of basal spot	present	
<input type="checkbox"/> Upper lip of corolla: colour of basal spot	light yellow	
<input type="checkbox"/> Upper lip of corolla: colour of venation	violet	
<input checked="" type="checkbox"/> Lower lip of corolla: undulation of margin	strong	medium

<input checked="" type="checkbox"/>	Lower lip of corolla: main colour of inner side (RHS colour chart)	red purple 75C	red purple 66D
<input type="checkbox"/>	Lower lip of corolla: colour of palate	dark yellow	
<input type="checkbox"/>	Lower lip of corolla: size of palate	medium to large	
<input type="checkbox"/>	Spur: main colour	pink	
<input type="checkbox"/>	Spur: curvature	weak	

Statistical Table

Organ/Plant Part: Context		‘Confetti Rosé’	
<input type="checkbox"/>	Corolla: length (mm)		
	Mean	18.70	
	Std. Deviation	0.71	
<input type="checkbox"/>	Corolla: width (mm)		
	Mean	17.10	
	Std. Deviation	0.57	
<input type="checkbox"/>	Pedice: length (mm)		
	Mean	12.90	
	Std. Deviation	0.97	

Prior Applications and Sales

No prior applications. First sold in Australia in June 2003.

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

Plant Varieties Journal - Search Result Details**Nemesia (*Nemesia hybrid*)****Variety:** 'Confetti Violet'**Synonym:** N/A**Application no:** 2004/113**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 31-Mar-2004**Accepted:** 01-May-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Plant Growers Australia Pty Ltd**Agent:** N/A**Telephone:** 0397221444**Fax:** 0397221018

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



Details of Application

Application Number	2004/113
Variety Name	'Confetti Violet'
Genus Species	<i>Nemesia</i> hybrid
Common Name	Nemesia
Synonym	Nil
Accepted Date	1 May 2004
Applicant	Plant Growers Australia Pty Ltd, Wonga Park, VIC.
Agent	Nil
Qualified Person	Steve Eggleton

Details of Comparative Trial

Location	3 Harris Rd, Wonga Park, VIC.
Descriptor	Nemesia Descriptor
Period	Feb 05 to May 05
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

Open pollination: seed parent is *Nemesia* 'Confetti Purple' and is characterised by violet and purple flowers. The breeders aim was to produce a series of heat tolerant *Nemesias* in a range of colours. Pollination took place in Park Orchards, VIC, Australia in Jul 2001. Seed was collected and sown in Aug 2001. The seedlings, once raised, were grown out to flowering stage in 100mm containers where a selection was made on the basis of flower colour violet. Propagation: The seedling after being isolated was then propagated via cuttings to establish trial stock plants. This initial and three subsequent generations were all found to be uniform and stable. Final selection for commercialisation occurred in October 2002. 'Confetti Violet' will continue to be commercially propagated by cuttings. Breeder: Plant Growers Australia, Wonga Park, VIC, 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
Upper lip of corolla	colour	violet
Upper lip of corolla	presence of basal spot	absent

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Confetti Purple'	

Organ/Plant Part: Context	'Confetti Violet'	* 'Confetti Purple'
<input type="checkbox"/> Plant: growth habit	upright	
<input type="checkbox"/> Plant: density	dense	
<input type="checkbox"/> Plant: life cycle	perennial	
<input type="checkbox"/> Plant: height	medium	
<input type="checkbox"/> Leaf: variegation	absent	
<input type="checkbox"/> Leaf: shape of apex	narrow acute	
<input type="checkbox"/> Leaf: shape of margin	serrate	
<input type="checkbox"/> Leaf: shape of blade	ovate	
<input type="checkbox"/> Upper lip of corolla: relative position of two middle lobes	touching	touching
<input type="checkbox"/> Upper lip of corolla: undulation of margin of lobes	absent to very weak	weak
<input checked="" type="checkbox"/> Upper lip of corolla: colour (RHS colour chart)	violet 83A	violet 83C and purple 78B
<input type="checkbox"/> Upper lip of corolla: colour pattern	even	
<input type="checkbox"/> Upper lip of corolla: presence of basal spot	absent	absent
<input type="checkbox"/> Upper lip of corolla: colour of venation	violet	
<input type="checkbox"/> Lower lip of corolla: undulation of margin	weak to medium	medium
<input checked="" type="checkbox"/> Lower lip of corolla: main colour of inner side (RHS colour chart)	violet 83A	purple 78B
<input type="checkbox"/> Lower lip of corolla: colour of palate	medium yellow	
<input type="checkbox"/> Lower lip of corolla: size of palate	small	
<input type="checkbox"/> Spur: main colour	purple	red -purple
<input type="checkbox"/> Spur: curvature	weak	weak

Organ/Plant Part: Context	'Confetti Violet'
Corolla: Length (mm)	
Mean	19.40
Std. Deviation	1.35
Corolla: Width (mm)	
Mean	15.80
Std. Deviation	0.88
Pedicle: Length (mm)	
Mean	16.20
Std. Deviation	1.32

Prior Applications and Sales

No prior applications. First sold in Australia in Jun 2003.

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

Plant Varieties Journal - Search Result Details**Lettuce (*Lactuca sativa* var. *longifolia*)**

Variety: 'Cyclone'
Synonym: N/A

Application no: 2003/238
Current status: ACCEPTED
Certificate no: N/A
Received: 29-Aug-2003
Accepted: 01-Dec-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Progeny Advanced Genetics
Agent: Freehills Patent & Trade Mark Attorneys
Telephone: 0292255777
Fax: 0293224000

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



Lactuca sativa. var. *longifolia*

Lettuce

‘Cyclone’

Application No: 2003/238 Accepted: 1 Dec 2003.

Applicant: **Progeny Advanced Genetics**, Salinas, California, USA.

Agent: **Freehills Patent & Trade Mark Attorneys**, Sydney, NSW.

Characteristics Seed: colour white. Seedling: anthocyanin colouration absent. Plant: diameter medium mean 35.4cm, head formation open to closed. Head: degree of overlapping of upper part of leaves very weak to weak, size small mean length 26.4cm, shape in longitudinal section elliptic, length of heart (from base of cut head to outer most cupping leaf) small to medium mean 20.7cm, weight medium to large mean 915g. Stem: core diameter (stem diameter at the base of the cut head) small to medium mean 4.3cm, core length (length of stem from base of cut head to tip of stem) medium mean 6.0cm. Leaf: thickness thick mean 1.0mm, number per plant medium mean 33 leaves, hue of green colour of outer leaves absent, intensity of colour of outer leaves dark, anthocyanin colouration absent, blistering medium. Leaf blade: length small mean 23.4cm, width narrow medium mean 15.8cm, degree of undulation of margin medium, incisions on margin on apical part absent. Time of beginning of bolting under long day conditions: late to very late. (All means from trial conducted at Soledad, Salinas Valley, California, 2002)

Origin and Breeding Controlled pollination: seed parent ‘Darkland Cos’ x pollen parent ‘Major Cos’. Hybridisation took place in San Joaquin Valley, California, USA in 1993, and the F₁ seed harvested was designated as Gamma #035. Following 5 generations of line breeding with selection and roguing as appropriate final selection resulted in the variety ‘Cyclone’ in Jan 2000. Extensive field trials of ‘Cyclone’ confirmed the stability and uniformity of the new variety. The seed parent differs to ‘Cyclone’ in having leaf colour lighter, leaf length longer, leaf thickness thinner, head length longer, frame diameter larger, maturity earlier. The pollen parent differs to ‘Cyclone’ in having leaf colour lighter, leaf length longer, leaf thickness thinner, head length longer, heart length shorter, frame diameter larger, maturity earlier. Selection criteria: dark green foliage colour, leaf thickness, leaf size, slow bolting, romaine (or Cos) lettuce type. Propagation: ‘Cyclone’ is commercially propagated by pure breeding seed. Breeder: Nathan K. Olivas, San Joaquin Valley, California, USA.

Choice of Comparators ‘Major Cos’ and ‘Darkland Cos’ were chosen as the comparators as they had a very similar combination of: seed colour, plant size (diameter, stem diameter, stem length), head characteristics (size, shape, length, weight), and leaf colour. The comparators are also the parents of ‘Cyclone’. No other variety has been identified as being as similar as ‘Major Cos’ and ‘Darkland Cos’. Other varieties considered were ‘King Henry’, ‘Frontier Cos’, and ‘Remus’. These were distinctly different in the following combination of characteristics: ‘King Henry’: leaves strongly blistered, and time of bolting very late; ‘Frontier Cos’: leaf size; ‘Remus’: closed head, leaf undulation absent, leaf colour medium to dark green, and time of bolting medium late.

Comparative Trial The detailed description is based on comparative trials conducted in the Salinas Valley, California in 2001 and 2002 and on the description contained in USPP application 20030177538 and confirmed from local trials conducted at ASAS Winston Hills, NSW between Aug-Dec 2004. Conditions: trial conducted in raised beds with a minimum of 24 plants from seed; planted in Jun 2001 and Feb 2002. Plant protection sprays applied as necessary. Measurements: taken from a minimum of 12 plants selected at random (one sample per plant).

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	2002	Applied	‘Cyclone’

First overseas sale in USA on 31 Dec 2001. First Australian sale nil.

Description: **Tim Angus and Prof. N.F Derera, AM**, ASAS, Winston Hills, NSW.

Table 1 *Lactuca* varieties (2001 field trial)

	‘Cyclone’	*‘Darkland Cos’
STEM CORE: DIAMETER - stem diameter at the base of the cut head (cm)		
mean	39.9	42.1
std deviation	1.83	2.02
LSD/sig	2.22	ns
STEM CORE: LENGTH - length of stem from base of cut head to tip of stem (cm)		
mean	45.8	52.8
std deviation	6.15	7.78
LSD/	8.07	ns
HEART: LENGTH - from base of cut head to outer most cupping leaf (cm)		
mean	182.5	207.5
std deviation	17.12	16.02
LSD/sig	19.08	P≤0.01
HEAD: SIZE -referred to as head length in USPP data (cm)		
mean	229.17	285
std deviation	18.8	17.32
LSD/sig	20.81	P≤0.01
PLANT: DIAMETER - referred to as frame diameter in USPP data (cm)		
mean	31	38.1
std deviation	1.95	1.73
LSD/sig	2.87	P≤0.01
HEAD: WEIGHT (g)		
mean	697.3	896.5
std deviation	129.8	145.0
LSD/sig	214.5	ns
LEAF: LENGTH (cm)		
mean	19.35	26
std deviation	1.76	3.64
LSD/sig	3.41	P≤0.01
LEAF: WIDTH (cm)		
mean	15.6	16.1
std deviation	2.04	3.30
LSD/sig	3.28	ns
LEAF: COUNT PER PLANT		
mean	20.8	20.7
std deviation	2.79	1.21
LSD/sig	3.35	ns

Table 2 *Lactuca* varieties (2002 field trial)

	‘Cyclone’	*‘Major Cos’
STEM CORE: DIAMETER - stem diameter at the base of the cut head (cm)		
mean	43.4	52.6
std deviation	7.61	4.25
LSD/sig	7.09	P≤0.01
STEM CORE: LENGTH - length of stem from base of cut head to tip of stem (cm)		
mean	59.7	60.67
std deviation	4.35	9.14
LSD/sig	8.23	ns
HEART: LENGTH - from base of cut head to outer most cupping leaf (cm)		
mean	206.67	272.5
std deviation	10.73	19.13
LSD/sig	17.85	P≤0.01
HEAD: SIZE -referred to as head length in USPP data (cm)		
mean	264.17	332.5
std deviation	10.83	28.32
LSD/sig	24.68	P≤0.01
PLANT: DIAMETER - referred to as frame diameter in USPP data (cm)		
mean	35.42	44.2
std deviation	2.64	2.76
LSD/sig	4.21	P≤0.01
HEAD: WEIGHT (g)		
mean	915.08	997.2
std deviation	114.22	141.7
LSD/sig	200.5	ns
LEAF: LENGTH (cm)		
mean	23.35	30.6
std deviation	1.73	2.28
LSD/sig	2.42	P≤0.01
LEAF: WIDTH (cm)		
mean	15.8	17.7
std deviation	2.09	4.67
LSD/sig	4.32	ns
LEAF: COUNT PER PLANT		
mean	32.7	39.9
std deviation	3.85	4.08
LSD/sig	6.18	P≤0.01

Plant Varieties Journal - Search Result Details**Rose (*Rosa hybrid*)**

Variety: 'TAN91151'
Synonym: N/A

Application no: 2004/296
Current status: ACCEPTED
Certificate no: N/A
Received: 15-Oct-2004
Accepted: 03-Mar-2005
Granted: N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Rosen Tantau, Mathias Tantau Nachfolger
Agent: S Brundrett & Sons (Roses) Pty Ltd
Telephone: 0356223556
Fax: 0356223494

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



Rosa hybrid

Rose

‘TAN91151’

Application No: 2004/296 Accepted: 3 Mar 2005.

Applicant: **Rosen Tantau, Mathias Tantau Nachfolger**, Uetersen, Germany.

Agent: **S. Brundrett & Sons (Roses) Pty Ltd**, Warragul, VIC.

Characteristics Plant: growth habit narrow bushy, height medium, width narrow. Young shoot: anthocyanin colouration medium, hue of anthocyanin colouration reddish brown. Prickles: present, shape of lower side deep concave. Short prickles: number absent or very few. Long prickles: number medium. Leaf: size medium to large, green colour dark, glossiness of upper side medium. Leaflet: cross section slight concave to flat, undulation of margin weak. Terminal: leaflet length of blade long (mean 66.7mm std deviation 4.5), width of blade broad (mean 52.9mm std deviation 3.1), (petiole length 23.9mm std deviation 1.4), shape of base rounded. Flowering shoot: number of flowers very few and mostly singles. Flower pedicel: number of hairs or prickles medium to many. Flower bud: shape of longitudinal section broad ovate. Flower: type double, number of petals many, colour medium to strong pink, diameter large to very large (mean 123.9mm std deviation 8.9), view from above irregularly rounded, side view of upper part flattened convex, side view of lower part concave, fragrance weak. Sepal: (length 38.1mm std deviation 2.7) extensions weak. Petal: size large, colour of middle zone of inner side colour red purple RHS N57A, colour of marginal zone of inner side colour red-purple RHS N57A, spot at base of inner side present, size of spot at base of inner side small, colour of spot at base of inner side yellow RHS 4D, colour of middle zone of outer side red purple RHS N57C, colour of marginal zone of outer side red-purple RHS N57B, spot at base of outer side present, size spot at base of outer side small, colour of spot at base of outer side yellow RHS 4D, reflexing of margin weak to medium, undulation of margin weak. Outer stamen: predominant colour of filament pink. Stigma: height in relation to anthers above. Style: main colour red. Seed vessel: size at petal fall medium to large. Hip: shape of longitudinal section pitcher-shaped. Time of beginning of flowering: early. Flowering habit: almost continuous flowering. (Measurements from local observations, RHS colour chart refers to 2001 edition.)

Origin and Breeding Controlled pollination: seed parent ‘R.T.83012’ X pollen parent ‘R.T.84306’. Both parents are breeding selections in breeder’s private collection. In 1987, the seed parent ‘R.T.83012’ was crossed with the pollen parent ‘R.T.84306’ and the resultant mature hip was harvested from the seed parent. The seeds were extracted, planted under optimum conditions, and the seedlings were grown to full flowering stage. The new variety was selected in 1988 (Northern Hemisphere) from within the seedling population. Selection criteria: robust garden shrub rose and flower colour. Its performance was closely monitored and assessed from 1989 to 1991. Propagation: by shoot cuttings and ‘TAN91151’ has proved genetically stable over at least five generations. Breeder: Hans Jurgen Evers, Rosen Tantau facilities, Uetersen, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour group deep pink, and plant growth type shrub rose. Based of these grouping characteristics, the variety ‘Peter Frankenfeld’ was selected as the closest comparator by the breeder and qualified person. It differed from ‘TAN91151’ in having flower colour a different shade of deep pink, and a stronger reflexing of petal margins. The variety ‘Tanekily’ syn Lady Like was rejected as a comparator on account of the flowers being a different shade of deep pink and having a strong fragrance. The seed parent ‘R.T.83012’ had red flowers and was a floribunda rose type. The pollen parent ‘R.T.84306’ was a taller bush rose with red flowers. No other variety of common knowledge was identified by the qualified person to have characteristics identical to ‘TAN91151’.

Comparative Trial Location: the comparative trial was conducted at Warragul, Victoria in autumn 2005 (Southern Hemisphere). Conditions: healthy cuttings together with those of the comparator were rooted under hygienic conditions, and the young plants planted into a well-structured and well drained clay loam soil suitable for rose production. Water supplied by drip irrigation as required. Plant nutrients applied as required. The variety was grown under natural climatic conditions and under minimum stress. Two year old plants were used for the study. These were pruned in summer to produce an autumn flush of flowers. Seasonal conditions proved ideal for good flower production and performance. Trial design: at least 20 plants of the candidate and comparator were used in the trial. Observations made at random from within the plant population. Measurements: taken at random from various plants.

Prior Applications and Sales

Prior applications nil. First sold in Australia in Jun 2004 under the name 'In Appreciation'.

Description: **Brian C Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Table *Rosa* varieties

	‘TAN91151’	*‘Peter Frankenfeld’
PLANT GROWTH HABIT	narrow bushy	bushy
TERMINAL LEAFLET: SHAPE OF BASE	rounded	obtuse
PETAL: COLOUR OF MIDDLE ZONE OF INNER SIDE (RHS)	N57A	N57C
PETAL: COLOUR OF MARGINAL ZONE OF INNER SIDE (RHS)	N57A	N57C
PETAL: COLOUR OF SPOT AT BASE OF INNER SIDE (RHS)	4D	4D
PETAL: COLOUR OF MIDDLE ZONE OF OUTER SIDE (RHS)	N57C	N57D
PETAL: COLOUR OF MARGINAL ZONE OF OUTER SIDE (RHS)	N57B	N57D
PETAL: COLOUR OF SPOT AT BASE OF OUTER SIDE	4D	4D
PETAL: REFLEXING OF MARGIN	weak to medium	strong
OUTER STAMEN: PREDOMINANT COLOUR OF FILAMENT	pink	yellow

Plant Varieties Journal - Search Result Details**Rose (*Rosa hybrid*)**

Variety: 'TAN99530'
Synonym: N/A

Application no: 2003/282
Current status: ACCEPTED
Certificate no: N/A
Received: 07-Oct-2003
Accepted: 31-Oct-2003
Granted: N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Rosen Tantau, Mathias Tantau Nachfolger
Agent: Flora International Pty Ltd
Telephone: 0296066222
Fax: 0296066841

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



Details of Application

Application Number	2003/282
Variety Name	'TAN99530'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	31 Oct 2003
Applicant	Rosen Tantau, Mathias Tantau Nachfolger, Uetersen, Germany.
Agent	Flora International Pty Ltd, Leppington, NSW.
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	Clyde, VIC (Latitude 38°09'South, elevation 16m)
Descriptor	UPOV TG/11/7
Period	Summer 2004, measurements taken late Jan
Conditions	Trial conducted in an open double skinned polyhouse under a UVB screening film, specifically formulated for rose production plants covered with a 70% shade cloth, temperature range in the six weeks previous was between 16 and 33 degrees Celsius. The plants were on their own roots planted into 210mm (1 plant per pot) pots filled with co-coir, nutrition maintained as part of a commercial hydroponic system for cut rose plants, pest and disease treatments applied as required.
Trial Design	Nine 210mm pots of 'Tan99530', 'Grandmygi' and 'Jacbri' on benches.
Measurements	From plants at random. One sample per plant stem.
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: seed parent 'R.T. 93102' x pollen parent 'R.T. 82143'. The seed parent is characterised by its large pink flowers on very long stems (70-90mm). The pollen parent is characterised by its pale orange flowers. Hybridisation took place in Uetersen, Germany, in 1998. From this cross, the seedling was chosen on the basis of flower colour. Selection criteria: flower colour, stem length and production, suitability in greenhouse conditions for cut flower production. Propagation: a number mature stock plants were generated from this seedling as vegetative cuttings. Further generations have been propagated via cuttings or budded onto rootstocks and have been found to be uniform and stable. 'Tan99530' will be commercially propagated by vegetative cuttings or budded or grafted onto rootstocks from the stock plants. Breeder: Hans Jergen Evers, Uetersen, Germany.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flower	colour	pale to mid pink
Plant	growth habit	narrow bushy
Plant	height	medium
Flowering	habit	almost continuous

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Grandmygi'	nil
'Jacbri'	nil

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	'TAN99530'	*'Grandmygi'	*'Jacbri'
<input type="checkbox"/> Plant: growth habit	narrow bushy	narrow bushy	narrow bushy
<input type="checkbox"/> Plant: height	medium	medium	medium
<input type="checkbox"/> Plant: width	narrow	narrow	narrow
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	medium	strong	medium
<input checked="" type="checkbox"/> Young shoot: hue of anthocyanin colouration	bronze to reddish brown	reddish brown to purple	reddish brown
<input type="checkbox"/> Prickles: presence	present	present	present
<input type="checkbox"/> Prickle: shape of lower side	concave	concave	concave
<input type="checkbox"/> Short prickles: number	absent or very few	absent or very few	absent or very few
<input checked="" type="checkbox"/> Long prickles: number	few	absent or very few	many
<input checked="" type="checkbox"/> *Leaf: size	large	large	medium
<input checked="" type="checkbox"/> Leaf: green colour	dark	medium	dark
<input checked="" type="checkbox"/> *Leaf: glossiness of upper side	medium	weak	weak
<input checked="" type="checkbox"/> Leaflet: cross section	flat	slight concave	slight concave
<input checked="" type="checkbox"/> Leaflet: undulation of margin	weak	medium	medium
<input type="checkbox"/> Terminal leaflet: length of blade	long to very long	very long	long to very long
<input type="checkbox"/> Terminal leaflet: width of blade	broad	broad	broad
<input checked="" type="checkbox"/> Terminal leaflet: shape of base	cordate	obtuse	obtuse
<input checked="" type="checkbox"/> Flowering shoot: number of flowers	very few	medium	medium
<input type="checkbox"/> Flower pedicel: number of hairs or prickles	few	few	few
<input checked="" type="checkbox"/> Flower bud: shape of longitudinal section	ovate	broad-ovate	broad-ovate

<input type="checkbox"/>	*Flower: type	double	double	double
<input type="checkbox"/>	Flower: number of petals	many	many to very many	many
<input type="checkbox"/>	*Flower : diameter	large	large	large
<input type="checkbox"/>	Flower: view from above	irregularly round	irregularly round	irregularly round
<input type="checkbox"/>	Flower: side view of upper part	flattened convex	flattened convex	flattened convex
<input checked="" type="checkbox"/>	Flower: side view of lower part	flat	flattened convex	flat
<input checked="" type="checkbox"/>	Flower: fragrance	absent or very weak	medium	medium
<input checked="" type="checkbox"/>	Sepal: extensions	medium	strong	medium
<input type="checkbox"/>	*Petal: size	medium	medium to large	medium
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of upper side(RHS colour chart)	49A	56A	56D
<input checked="" type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	55B	56A	56A
<input type="checkbox"/>	*Petal: spot at base of inner side	present	present	present
<input checked="" type="checkbox"/>	*Petal: size of spot at base of inner side	large	medium	small
<input checked="" type="checkbox"/>	*Petal: colour of spot at base of inner side (RHS colour chart)	5B	2B	155C
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	55D	56A	56C
<input checked="" type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	55C	56A	56A
<input type="checkbox"/>	*Petal: spot at base of outer side	present	present	present
<input checked="" type="checkbox"/>	*Petal: size of spot at base of outer side	large	small	small
<input checked="" type="checkbox"/>	*Petal: colour of spot at base of outer side (RHS colour chart)	4C	157B	155C
<input checked="" type="checkbox"/>	Petal: reflexing of margin	medium	weak	strong
<input checked="" type="checkbox"/>	Petal: undulation of margin	weak	medium	weak
<input type="checkbox"/>	Outer stamen: predominant colour of filament	yellow	yellow	yellow
<input type="checkbox"/>	Seed vessel: size	medium	medium	medium
<input checked="" type="checkbox"/>	Hip: shape of longitudinal section	pitcher-shaped	funnel-shaped	pitcher-shaped
<input type="checkbox"/>	Time of beginning of: flowering	medium	medium	medium
<input type="checkbox"/>	*Flowering: habit	almost continuous flowering	almost continuous flowering	almost continuous flowering

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘TAN99530’	*‘Grandmygi’	*‘Jacbri’
<input checked="" type="checkbox"/> Style: predominant colour	yellow	pink	pink
<input checked="" type="checkbox"/> Stigma: height in relation to anthers	level	above	level

Statistical Table

Organ/Plant Part: Context	‘TAN99530’	*‘Grandmygi’	*‘Jacbri’
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	57.30	52.56	45.26
Std. Deviation	3.60	5.94	4.16
LSD/sig	11.67	ns	P≤0.01

Note: Single factor ANOVA was used to analyse the statistical data.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2002	Granted	‘TAN99530’

First sold in Germany in May 2003.

Description: **Christopher Prescott**, Clyde, VIC.

Plant Varieties Journal - Search Result Details**Rose (*Rosa hybrid*)**

Variety: 'TAN99303'
Synonym: N/A

Application no: 2003/281
Current status: ACCEPTED
Certificate no: N/A
Received: 07-Oct-2003
Accepted: 31-Oct-2003
Granted: N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Rosen Tantau, Mathias Tantau Nachfolger
Agent: Flora International Pty Ltd
Telephone: 0296066222
Fax: 0296066841

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



Details of Application

Application Number	2003/281
Variety Name	'TAN99303'
Genus Species	<i>Rosa</i> hybrid
Common Name	Rose
Synonym	Nil
Accepted Date	31 Oct 2003
Applicant	Rosen Tantau, Mathias Tantau Nachfolger, Uetersen, Germany
Agent	Flora International Pty Ltd, Leppington, NSW.
Qualified Person	Christopher Prescott

Details of Comparative Trial

Location	Clyde, VIC (Latitude 38°09' South, elevation 16m),
Descriptor	UPOV TG/11/7
Period	Summer 2004
Conditions	Trial conducted in an open double skinned polyhouse under a UVB screening film, specifically formulated for rose production plants covered with a 70% shade cloth, temperature range in the six weeks previous was between 16 and 33 degrees Celsius. The plants were on their own roots planted into 210mm (1 plant per pot)pots filled with co-coir, nutrition maintained as part of a commercial hydroponic system for cut rose plants, pest and disease treatments applied as required.
Trial Design	Nine 210mm pots of 'Tan99303', 'Ruiroskee' and 'Jacbri' on benches
Measurements	From plants at random. One sample per plant stem.
RHS Chart - edition	1995

Origin and Breeding

Controlled pollination: seed parent 'R.T. 9291' x pollen parent 'R.T. 93102'. The seed parent is characterised by its White flowers. The pollen parent is characterised by its pink flowers. Hybridisation took place in Uetersen, Germany, in 1998. From this cross, the seedling was chosen on the basis of flower colour. Selection criteria: free flowering, flower size, stem length and production, suitability in greenhouse conditions for cut flower production. Propagation: a number mature stock plants were generated from this seedling as vegetative cuttings. Further generations have been propagated via cuttings or budded onto rootstocks and have been found to be uniform and stable. 'Tan99303' will be commercially propagated by vegetative cuttings or budded or grafted onto rootstocks from the stock plants. Breeder: Hans Jergen Evers, Uetersen, Germany.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	narrow bushy
Plant	height	medium
Flower	colour	mid pink
Flowering	habit	almost continuous

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Ruiroskee’	nil
‘Jacbri’	nil

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	‘TAN99303’	*‘Jacbri’	*‘Ruiroskee’
<input type="checkbox"/> Plant: growth habit	narrow bushy	narrow bushy	narrow bushy
<input type="checkbox"/> Plant: height	medium	medium	medium
<input type="checkbox"/> Plant: width	narrow	narrow	narrow
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	strong	medium	medium
<input type="checkbox"/> Young shoot: hue of anthocyanin colouration	reddish brown	reddish brown	reddish brown
<input type="checkbox"/> Prickles: presence	present	present	present
<input type="checkbox"/> Prickle: shape of lower side	concave	concave	concave
<input checked="" type="checkbox"/> Short prickles: number	few	absent or very few	absent or very few
<input checked="" type="checkbox"/> Long prickles: number	medium	many	medium
<input checked="" type="checkbox"/> *Leaf: size	large	medium	large
<input type="checkbox"/> Leaf: green colour	dark	dark	dark
<input type="checkbox"/> *Leaf: glossiness of upper side	weak	weak	weak
<input checked="" type="checkbox"/> Leaflet: cross section	slight convex	slight concave	slight concave
<input type="checkbox"/> Leaflet: undulation of margin	weak to medium	medium	weak
<input type="checkbox"/> Terminal leaflet: length of blade	long to very long	long to very long	long to very long
<input type="checkbox"/> Terminal leaflet: width of blade	broad to very broad	broad	broad
<input checked="" type="checkbox"/> Terminal leaflet: shape of base	rounded	obtuse	rounded
<input checked="" type="checkbox"/> Flowering shoot: number of flowers	very few	medium	medium
<input type="checkbox"/> Flower pedicel: number of hairs or prickles	few	few	very few
<input checked="" type="checkbox"/> Flower bud: shape of longitudinal section	ovate	broad-ovate	broad-ovate

<input type="checkbox"/>	*Flower: type	double	double	double
<input type="checkbox"/>	Flower: number of petals	many	many	many
<input type="checkbox"/>	*Flower : diameter	medium to large	large	medium to large
<input type="checkbox"/>	Flower: view from above	irregularly round	irregularly round	irregularly round
<input type="checkbox"/>	Flower: side view of upper part	flattened convex	flattened convex	flattened convex
<input checked="" type="checkbox"/>	Flower: side view of lower part	convex	flat	flat
<input checked="" type="checkbox"/>	Flower: fragrance	absent or very weak	medium	weak
<input checked="" type="checkbox"/>	Sepal: extensions	strong	medium	weak
<input checked="" type="checkbox"/>	*Petal: size	large	medium	medium
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of upper side(RHS colour chart)	lighter than 62D	56D	62D
<input checked="" type="checkbox"/>	*Petal : colour of marginal zone of inner side(RHS colour chart)	62D lighter outer petals, darker inner petals	56A	63C
<input type="checkbox"/>	*Petal: spot at base of inner side	present	present	present
<input checked="" type="checkbox"/>	*Petal: size of spot at base of inner side	medium	small	small
<input checked="" type="checkbox"/>	*Petal: colour of spot at base of inner side (RHS colour chart)	155C blends into petal proper	155C	155A
<input checked="" type="checkbox"/>	*Petal: colour of middle zone of outer side (RHS colour chart)	62C	56C	62D
<input checked="" type="checkbox"/>	Petal: colour of marginal zone of outer side (RHS colour chart)	62B	56A	63C
<input checked="" type="checkbox"/>	*Petal: spot at base of outer side	absent	present	present
<input checked="" type="checkbox"/>	Petal: reflexing of margin	medium	strong	medium
<input type="checkbox"/>	Petal: undulation of margin	weak	weak	weak
<input checked="" type="checkbox"/>	Outer stamen: predominant colour of filament	yellow	yellow	white
<input type="checkbox"/>	Seed vessel: size	medium	medium	medium
<input type="checkbox"/>	Hip: shape of longitudinal section	pitcher-shaped	pitcher-shaped	pitcher-shaped
<input type="checkbox"/>	Time of beginning of: flowering	medium	medium	medium
<input type="checkbox"/>	*Flowering: habit	almost continuous flowering	almost continuous flowering	almost continuous flowering

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘TAN99303’	*‘Jacbri’	*‘Ruiroskee’
<input checked="" type="checkbox"/> Style: predominant colour	yellow	pink	red
<input type="checkbox"/> Stigma: height in relation to anthers	level	level	level

Statistical Table

Organ/Plant Part: Context	‘TAN99303’	*‘Jacbri’	*‘Ruiroskee’
<input checked="" type="checkbox"/> Leaf: width (mm)			
Mean	60.36	45.26	48.40
Std. Deviation	7.62	4.16	2.98
LSD/sig	13.22	P≤0.01	ns
<input checked="" type="checkbox"/> Flower: diameter (mm)			
Mean	96.48	107.64	96.48
Std. Deviation	1.04	2.77	0.91
LSD/sig	4.46	P≤0.01	P≤0.01

Note: Single factor ANOVA was used to analyse the statistical data.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2002	Granted	‘TAN99303’

First sold in Germany in May 2003.

Description: **Christopher Prescott**, Clyde, VIC.

Plant Varieties Journal - Search Result Details

Rose (*Rosa hybrid*)

Variety: 'Tananilov'
Synonym: N/A

Application no: 2001/291
Current status: ACCEPTED
Certificate no: N/A
Received: 12-Oct-2001
Accepted: 09-May-2003
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Rosen Tantau, Mathias Tantau Nachfolger
Agent: S Brundrett & Sons (Roses) Pty Ltd
Telephone: 0356223556
Fax: 0356223494

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



Rosa hybrid

Rose

‘Tananilov’

Application No: 2001/291 Accepted: 9 May 2003.

Applicant: **Rosen Tantau, Mathias Tantau Nachfolger**, Uetersen, Germany.

Agent: **S Brundrett & Sons (Roses) Pty Ltd**, Warragul, VIC.

Characteristics Plant: growth habit bushy, height tall, width narrow. Young shoot: anthocyanin colouration strong, hue of anthocyanin colouration reddish brown to purple. Prickles: present, shape of lower side concave. Short prickles: number absent or very few. Long prickles: number medium. Leaf: size medium, green colour medium to dark, glossiness of upper side weak. Leaflet: cross section concave, undulation of margin weak. Terminal leaflet: length of blade long (mean 68.9mm std deviation 3.4), width of blade medium to broad (mean 41.7mm std deviation 1.7), shape of base rounded to cordate. Flowering shoot: number of flowers very few and mostly singles. Flower pedicel: number of hairs or prickles absent or very few. Flower bud: shape of longitudinal section ovate. Flower: colour medium to light pink, type double, number of petals many, diameter large (mean 119.8mm std deviation 9.4), view from above irregularly rounded, side view of upper part flat, wide view of lower part flattened convex, fragrance medium. Sepal: (length 32.2mm std deviation 1.5) extensions strong. Petal: size large, colour of middle zone of inner side red RHS 56D, colour of marginal zone of inner side red purple RHS 69A, spot at base of inner side present, size of spot at base of inner side small, colour of spot at base of inner side yellow RHS 2D, colour of middle zone of outer side red purple RHS 65B, colour of marginal zone of outer side red purple RHS 65A, spot at base of outer side present, size of spot at base of outer side very small, colour of spot at base of outer side yellow RHS 2D, reflexing of margin weak, undulation of margin weak. Stamen: main colour red. Stigma: height in relation to anthers level. Style: main colour red. Seed vessel: size at petal fall medium. Hip: shape of longitudinal section funnel-shaped. Time of beginning of flowering: early. Flowering habit: almost continuous flowering. (measurements from local observations, RHS colour chart refers to 2001 edition.)

Origin and Breeding Controlled pollination: seed parent ‘RT 82310’ x pollen parent ‘RT 8507’. Both parents are breeding selections in breeder’s private collection. Seed parent ‘R.T.82310’ was crossed with pollen parent ‘R.T.8507’ and the resultant mature hips were harvested from the seed parent. The seeds were extracted, planted under optimum conditions and the seedlings produced grown to full flower. The new variety was selected from within this seedling population. The growth performance of ‘Tananilov’ was closely monitored and assessed over many years. Selection criteria: robust garden shrub rose, and flower colour. Propagation: by shoot cuttings and plants proved genetically stable over at least five generations. Breeder: Hans Jurgen Evers, Rosen Tantau facilities, Uetersen, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant growth habit type: shrub rose, flower main colour group: pale pink. Based on these grouping characteristics, the variety ‘Royal Highness’ was selected as the closest comparator by the breeder and qualified person. It differs from ‘Tananilov’ in having flower colour a very light pink, petal margin not a pronounced deeper pink, and leaves with strong gloss. The seed parent ‘R.T.82310’ bore larger flowers, and the pollen parent ‘R.T.8507’ smaller flowers compared with ‘Tananilov’. No other variety of common knowledge was identified by the qualified person to have characteristics identical to ‘Tananilov’.

Comparative Trial Location: the comparative trial was conducted at Warragul, Victoria in autumn 2005 (Southern Hemisphere). Conditions: healthy cuttings together with those of the comparator were rooted under hygienic conditions, and the young plants planted into a well-structured and well drained clay loam soil suitable for rose production. Water supplied by drip irrigation as required. Plant

nutrients applied as required. The variety was grown under natural climatic conditions and under minimum stress. Two year old plants were used for the study. These were pruned in summer to produce an autumn flush of flowers. Seasonal conditions proved ideal for good flower production and performance. Trial design: a representative sample of plants of the candidate and comparator were used in the trial. Observations were made at random from within the plant population. Measurements were taken at random from various plants.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Belgium	1999	Granted	'Tananilov'
Germany	1997	Granted	'Tananilov'
France	1998	Granted	'Tananilov'

First sold in Germany Oct 1997.

Description: **Brian C Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Table *Rosa* varieties

	‘Tananilov’	*‘Royal Highness’
PLANT: GROWTH HABIT	bushy	narrow bushy
PLANT: HEIGHT	tall	medium
YOUNG SHOOT: ANTHOCYANIN COLOURATION	strong	weak
TERMINAL LEAFLET: SHAPE OF BASE	rounded to cordate	cordate
SEPAL: EXTENSIONS	strong	weak to medium
PETAL: COLOUR OF MIDDLE ZONE OF INNER SIDE (RHS)	56D	155B
PETAL: COLOUR OF MARGINAL ZONE OF INNER SIDE (RHS)	69A	N155B
PETAL: COLOUR OF SPOT AT BASE OF INNER SIDE (RHS)	2D	155B
PETAL: COLOUR OF MIDDLE ZONE OF OUTER SIDE (RHS)	65B	N155B
PETAL: COLOUR OF MARGINAL ZONE OF OUTER SIDE (RHS)	65A	2D
PETAL: COLOUR OF SPOT AT BASE OF OUTER SIDE	2D	2D
PETAL: REFLEXING OF MARGIN	weak	medium to strong

Plant Varieties Journal - Search Result Details**Calla Lily (*Zantedeschia sprengeri*)**

Variety: 'Schwarzwaller'
Synonym: Black Forest

Application no: 2002/002
Current status: ACCEPTED
Certificate no: N/A
Received: 07-Jan-2002
Accepted: 26-Mar-2002
Granted: N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: Sande B.V.
Agent: John Robb
Telephone: 0243761330
Fax: 0243761271

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



Details of Application

Application Number	2002/002
Variety Name	'Schwarzwalder'
Genus Species	<i>Zantedeschia sprengeri</i>
Common Name	Calla Lily
Synonym	Black Forest
Accepted Date	26 Mar 2002
Applicant	Sande B.V. in 't Zand, North Holland, The Netherlands.
Agent	John Robb, Kariong, NSW.
Qualified Person	John Robb, Kariong, NSW.

Details of Comparative Trial

Overseas Testing Authority	RADD VOOR HET KWEKERSRECHT
Overseas Data Reference Number	UPOV Report on Technical Examination, ARA 93
Location	Overseas test was conducted at Wageningen, The Netherlands. The asterisked characteristics in the UPOV guideline were verified in Australia at trial conducted in Mildura, VIC.
Descriptor	TG/177/3
Period	2004
Conditions	Plants grown in shade house under 40% shade in 140mm pots in commercial potting mix.
Trial Design	12 plants arranged in complete blocks
Measurements	From all trial plants
RHS Chart - edition	1966

Origin and Breeding

Controlled pollination: The breeding program began in 1989 and the new variety is a seedling selected from the crossing of a *Zantedeschia sprengeri* variety known as 'Pacific Pink' with a mixture of pollen from a number of varieties. The breeding process took place in 't Zand, North Holland, The Netherlands. 'Schwarzwalder' is a product of a planned breeding program which had the objective of creating *Zantedeschia* hybrids for cut flower production in a wide range of colours with a large, classic flower shape. Selection criteria: 'Schwarzwalder' was originated in 1990 as one flowering plant within the progeny of the stated cross. The following traits have been repeatedly observed and determined to be basic characteristics of 'Schwarzwalder' which, in combination, distinguish this calla lily as a new and distinct variety: deep purple spathe, purple spadix and the following production characters: two flowers per tuber of 9-12 cm in circumference; 2-5 flowers per tuber of 12-15 cm in circumference; and 4-7 flowers per tuber of 15-18 cm in circumference. Propagation: the first act of asexual reproduction of 'Schwarzwalder' by tissue culture was performed in Aug 1992. Subsequent asexual reproduction by tissue culture has demonstrated that the combination of characteristics as herein disclosed for the new variety are retained through successive generations of asexual reproduction. Breeder: Sande BV, in 't Zand, North Holland, 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
Spathe	main colour	deep purple/red

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Majestic Red'	<i>Zantedeschia</i> 'Schwarzwald' is considered unique in flower colour at the time of application. As 'Schwarzwald' is not actually red, only the darkest of the red varieties, 'Majestic Red', was included in the trial.

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Part	Context		
'Dominique'	flower	spathe main colour inner side	black-purple	purple
'Pacific Pink'	flower	spathe main colour inner side	black-purple	pink
				The seed parent, 'Pacific Pink' was not included as it is pink in colour

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

Organ/Plant Part: Context	'Schwarzwald'	*'Majestic Red'
<input type="checkbox"/> *Plant: type	deciduous	
<input type="checkbox"/> *Plant: height	medium	
<input type="checkbox"/> *Young shoot: colour	green	
<input type="checkbox"/> Petiole: length	medium	
<input type="checkbox"/> *Petiole: colour of lower part	yellow green	
<input type="checkbox"/> Leaf blade: attitude	erect	
<input type="checkbox"/> *Leaf blade: length	long	
<input type="checkbox"/> *Leaf blade: width	medium	
<input type="checkbox"/> *Leaf blade: position of broadest part	far below middle	
<input type="checkbox"/> *Leaf blade: lobes	present	
<input type="checkbox"/> Leaf blade: length of lobe	short to medium	
<input type="checkbox"/> Leaf blade: shape of apex	acute	
<input type="checkbox"/> *Leaf blade: intensity of green colour of upper side	light	
<input type="checkbox"/> *Leaf blade: spots on upper side	present	
<input type="checkbox"/> Leaf blade: size of spots on upper side	medium	
<input type="checkbox"/> *Leaf blade: number of spots on upper side	medium	

<input type="checkbox"/>	Leaf blade: undulation of margin	weakly expressed	
<input type="checkbox"/>	*Spathe: natural height	medium to high	
<input type="checkbox"/>	*Spathe: natural length	medium	
<input type="checkbox"/>	*Spathe: natural width	narrow	
<input type="checkbox"/>	Spathe: height of overlapping part	medium	
<input type="checkbox"/>	Spathe: natural shape of distal part	acute	
<input checked="" type="checkbox"/>	*Spathe: main colour of inner side (RHS colour chart)	greyed purple RHS 187A	RHS 185B
<input type="checkbox"/>	Spathe: gradual colour change from base to apex	no change or very little	
<input type="checkbox"/>	*Spathe: presence of throat spot	absent	
<input checked="" type="checkbox"/>	Spathe: main colour of outer side	purple	red purple
<input type="checkbox"/>	Spathe: recurving of margin	weak	
<input type="checkbox"/>	*Spadix: length	medium	
<input type="checkbox"/>	Spadix: width at middle of male part	broad	
<input checked="" type="checkbox"/>	Spadix: main colour just before pollen shed	purple red	yellow orange
<input type="checkbox"/>	Degree of: fading of flower colour with age	absent or very weakly expressed	
<input type="checkbox"/>	Colour change: with age	no change or very little	

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context		‘Schwarzwaldler’
<input type="checkbox"/>	Scape: length	55-65cm
<input type="checkbox"/>	Leaf: colour of upper side	RHS 143A
<input type="checkbox"/>	Leaf: colour of lower side	RHS 143C
<input type="checkbox"/>	Scape: diameter	9-11mm
<input type="checkbox"/>	Flower: fragrance	absent
<input type="checkbox"/>	Tuber: number of flowers per tuber (12-15cm tuber)	2-5
<input type="checkbox"/>	Tuber: number of flowers per tuber (9-12cm tuber)	2
<input type="checkbox"/>	Tuber: number of flowers per tuber (15-18cm tuber)	4-7
<input type="checkbox"/>	Scape: colour	yellow-green RHS 143C- RHS 144C

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Chile	2001	Granted	‘Schwarzwaldler’
The Netherlands	1995	Surrendered	‘Schwarzwaldler’
New Zealand	1997	Granted	‘Schwarzwaldler’
EU	1995	Granted	‘Schwarzwaldler’
South Africa	1996	Granted	‘Schwarzwaldler’
USA	1997	Granted	‘Black Forest’

First sold in The Netherlands in Feb 1998.

Description: **John Robb**, Kariong, NSW.

Plant Varieties Journal - Search Result Details

Apple (*Malus domestica*)

Variety: 'Fiero'

Synonym: N/A

Application no: 2000/230

Current status: ACCEPTED

Certificate no: N/A

Received: 31-Jul-2000

Accepted: 03-Aug-2000

Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

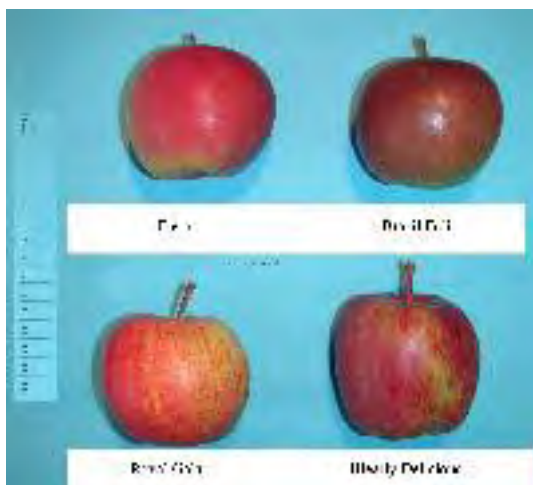
Title Holder: Snyder L.L.C.

Agent: Garry Langford

Telephone: 0362664344

Fax: 0362664023

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



Details of Application

Application Number	2000/230
Variety Name	'Fiero'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Synonym	Nil
Accepted Date	03 Aug 2000
Applicant	Snyder L.L.C., Wenatchee, Washington, USA.
Agent	Garry Langford, Grove, TAS.
Qualified Person	Garry Langford

Details of Comparative Trial

Location	Lucaston, Tasmania
Descriptor	TG/14/8
Period	Aug 2002 to May 2005
Conditions	Trial was conducted in optimal conditions under standard management practices.
Trial Design	Replicated planting of 5 trees of each of the candidate and comparators on M26 rootstocks in a single row with fill in trees at the start and end of the row.
Measurements	From all trial plants
RHS Chart - edition	2001

Origin and Breeding

Spontaneous mutation: Discovered as a whole tree mutation of 'Fuji' (Yataka selection) by Myles Van Leuven at Prescott, Washington, USA in 1992. Second and third generation trees were trialled at both Prescott and Wenatchee, Washington between 1993-1997. These trials demonstrated the stability of the selection. Selection criteria: early fruit maturity and intense over colour. Propagation: grafting on root-stock. Breeder: Myles Van Leuven, Kennewick, Washington, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Tree	type	ramified
Flower	colour	purple
Flower	size	medium
Time of	beginning of flowering	early to medium
Fruit	shape	oblong
Fruit	firmness of flesh	medium to firm
Fruit	aperture of eye	closed
Fruit	Time of maturity	Early to medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Royal Gala'	Industry standard early season variety
'Hiearly Delicious'	'Red Delicious' is one of the parents of 'Fuji' from which the candidate is derived
'Brazil Fuji'	The most highly coloured solid flush 'Fuji' type in the local industry

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety	Comments
	Organ/Plant Context Part				
‘Fuji’ (Yakata Selection)	Fruit	pattern of over colour of skin	Only solid flush	Red stripe	The parental variety was excluded on the basis of pattern of over colour

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

Organ/Plant Part: Context	‘Fiero’	*‘Brazil Fuji’	*‘Hiearly Delicious’	*‘Royal Gala’
<input type="checkbox"/> Tree: vigour	medium	medium	strong	medium to strong
<input type="checkbox"/> Tree: type	ramified	ramified	ramified	ramified
<input type="checkbox"/> Tree: habit	spreading	spreading	upright	upright
<input type="checkbox"/> Dormant one-year-old shoot: pubescence	medium	medium	medium	weak
<input type="checkbox"/> Dormant one-year-old shoot: thickness	thin to medium	medium	medium	thin to medium
<input type="checkbox"/> *Dormant one-year-old shoot: length of internode	medium	medium	medium	medium
<input type="checkbox"/> *Dormant one-year-old shoot: number of lenticels	few to medium	few to medium	few to medium	medium
<input type="checkbox"/> *Unopened flower: colour	purple	purple	purple	purple
<input type="checkbox"/> *Flower: size	medium	medium	medium	medium
<input type="checkbox"/> *Petals: relative position of margins	free	free	free	free
<input type="checkbox"/> Leaf: attitude in relation to shoot	outwards	outwards	outwards	outwards
<input type="checkbox"/> *Leaf blade: length	short to medium	medium	medium	medium to long
<input type="checkbox"/> *Leaf blade: width	medium	medium	medium	medium
<input type="checkbox"/> Leaf blade: ratio length/width	medium	medium	medium to large	medium to large
<input type="checkbox"/> Leaf blade: shape of incisions of margin	serrate	serrate	serrate	serrate
<input type="checkbox"/> *Petiole: length	short	short	medium to long	medium

<input type="checkbox"/>	*Fruit: size	medium to large	medium to large	medium to large	medium
<input type="checkbox"/>	*Fruit: ratio height/width	small	small	large	small
<input type="checkbox"/>	Fruit: position of maximum width	in middle	in middle	towards stalk	in middle
<input type="checkbox"/>	*Fruit: shape	oblong	oblong	oblong conical	oblong
<input type="checkbox"/>	Fruit: ribbing	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/>	Fruit: crowning at calyx end	weak to medium	medium	strong to very strong	weak to medium
<input type="checkbox"/>	*Fruit: aperture of eye	closed	closed	closed	closed
<input type="checkbox"/>	*Fruit: size of eye	small	small	small	small
<input type="checkbox"/>	Fruit: length of sepal	medium	short	short	medium
<input type="checkbox"/>	*Fruit: depth of eye basin	shallow to medium	shallow to medium	medium	medium
<input type="checkbox"/>	Fruit: width of eye basin	medium	medium to broad	medium to broad	medium
<input type="checkbox"/>	*Fruit: thickness of stalk	medium	medium	medium to thick	medium
<input type="checkbox"/>	*Fruit: length of stalk	short to medium	short to medium	short to medium	medium to long
<input type="checkbox"/>	*Fruit: depth of stalk cavity	shallow to medium	shallow to medium	shallow to medium	medium to deep
<input type="checkbox"/>	Fruit: width of stalk cavity	medium	medium	medium	medium
<input type="checkbox"/>	*Fruit: bloom of skin	strong	strong	weak	weak
<input type="checkbox"/>	Fruit: greasiness of skin	absent or very weak	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/>	*Fruit: ground colour	green yellow	green	green	yellow
<input checked="" type="checkbox"/>	*Fruit: amount of over colour	high	medium	medium	medium
<input checked="" type="checkbox"/>	Fruit: over colour	pink	brown	red	red
<input type="checkbox"/>	Fruit: intensity of over colour	light to medium	dark	medium	light
<input type="checkbox"/>	*Fruit: pattern of over colour of skin	only solid flush	only solid flush	solid flush with stripes	solid flush with stripes
<input type="checkbox"/>	*Fruit: amount of russet around eye basin	absent or very low	absent or very low	absent or very low	absent or very low
<input type="checkbox"/>	Fruit: amount of russet on cheeks	low	low to medium	absent or very low	absent or very low
<input type="checkbox"/>	*Fruit: amount of russet around stalk cavity	low	low	absent or very low	absent or very low
<input type="checkbox"/>	*Fruit: size of lenticels	small	small	small	small
<input checked="" type="checkbox"/>	*Fruit: firmness of the flesh	medium to firm	firm	firm	firm
<input type="checkbox"/>	*Fruit: colour of the flesh	cream	greenish	greenish	cream

<input type="checkbox"/>	*Fruit in cross-section: aperture of locules	partly open	partly open	closed	partly open
<input type="checkbox"/>	*Time of: beginning of flowering	early	early to medium	early to medium	early to medium
<input checked="" type="checkbox"/>	*Time of: maturity for consumption	early	late	medium	early

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Fiero’	*‘Brazil Fuji’	*‘Hiearly Delicious’	*‘Royal Gala’
<input checked="" type="checkbox"/> Fruit: Starch (%)	4.5	1.5	2	3
<input checked="" type="checkbox"/> Fruit: TSS (%)	14	13	10	11.5

Note: TSS = Total Soluble Solid.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	1997	Granted	‘Fiero’
Canada	1998	Applied	‘Fiero’
Chile	2003	Applied	‘Fiero’
EU	2001	Applied	‘Fiero’

First sold in the USA 12th of January 1999.

Description: **Garry Langford**, Grove, TAS.

Plant Varieties Journal - Search Result Details**Oats (*Avena sativa*)****Variety:** 'Volta'**Synonym:** N/A**Application no:** 2003/083**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 17-Apr-2003**Accepted:** 15-Jul-2003**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: State of Queensland through its Department of Primary Industries and Fisheries**Agent:** N/A**Telephone:** 0732390802**Fax:** 0732393948

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



Avena sativa

Oats

‘Volta’

Application No: 2003/083 Accepted: 15 Jul 2003.

Applicant: **The State of Queensland through its Department of Primary Industries and Fisheries**, Brisbane, QLD.

Characteristics Plant: height tall, growth habit semi prostrate, time of maturity (when planted in May) late. Stem: hairiness of uppermost node variable. Leaf: early leaf sheath hairiness absent or very weak. Flag leaf: width of blade narrow. Panicle: orientation of branches equilateral, attitude of branches semi-erect to horizontal, length medium, peduncle length medium. Spikelet: attitude of glume pendulous, length of glume long, glaucosity of glume medium. Primary grain: glaucosity of lemma absent, colour variable pale yellow to brown, awn tendency of lemma very strong. Disease resistance: resistant to all prevalent northern Australian pathotypes of *Puccinia coronata* (leaf rust). Seasonal type: spring forage oat.

Origin and Breeding Controlled pollination: seed parent ‘37-9’ x pollen parent ‘Guiaba Line’. ‘37-9’ is a breeding line selected at the Leslie Research Centre from the cross PC50/2*Algerian//Amagalon. Test crosses suggested that the seed parent had a leaf rust resistance gene in common with ‘Amagalon’. ‘Guiaba Line’ is a germplasm introduction from overseas. The F₂ generation of crosses between ‘37-9’ and ‘Guiaba Line’ resulted in leaf rust segregation ratios of 15:1, resistant: susceptible, indicating the presence of two resistance genes. The cross was made in 1997, and inbred lines were selected over several generations for resistance to leaf rust and desirable agronomic traits at the DPI&F Leslie Research Centre and Kingsthorpe Research Station near Toowoomba, QLD. The selected line ‘9715A-1’, also known as ‘QA1’, was test crossed to a leaf rust susceptible line, and segregation ratios indicated that it also had two resistance genes; it was finally selected for release as ‘Volta’ on the basis of this result. ‘Volta’ has undergone two generations of selection to remove off types, which included tall and slow-maturing plants. ‘Volta’ is distinct from both ‘37-9’ and ‘Guiaba Line’ in putatively having two leaf rust resistance genes effective in Queensland as opposed to one in each parent. It is also distinct from ‘37-9’ in being shorter and later maturing, and from ‘Guiaba Line’ in height and several other morphological characters. Selection criteria: leaf rust resistance, good agronomic characteristics for forage production. Propagation: by seed. Breeders: Dr R G Rees and Dr L R Song, (The State of Queensland through its Department of Primary Industries and Fisheries), Leslie Research Centre, Toowoomba, QLD, Australia.

Choice of Comparators grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: height tall, time of maturity late; Disease resistance: resistant to leaf rust; Seasonal type: spring forage oat. On the basis of these grouping characters the following comparators were included in the trial: ‘Guiaba Line’ (the pollen parent) and ‘Warrego’. The seed parent, ‘37-9’, was not included, as it is a breeding line which has never been released as a variety or breeding line; it is also taller and earlier to head than ‘Volta’.

Comparative Trial Location: Leslie Research Centre, Toowoomba, QLD, Sep-Jan 2004-5. Conditions: trial was grown on well fertilised and irrigated beds. Trial design: trial consisted of three plots of each variety in a randomised block design. Each plot was a single 9m row with single plants spaced at 25cm, and 1m between rows. Measurements: metric characters were measured on 10 consecutive plants in each plot, but the same plants were not necessarily used for each character. The data for plot means was analysed to test significance.

Prior Sales and Applications

Prior applications nil. Seed of ‘Volta’ was first sold in Australia in 2004 under provisional PBR protection.

Description: **Dr Tony Done**, Toowoomba, QLD.

Table *Avena* varieties

	‘Volta’	*‘Guiaba Line’	*‘Warrego’
PLANT: HEIGHT (cm)			
mean	134	117	130
std deviation	7.6	5.5	5.1
LSD/sig	9.0	P≤0.01	ns
PLANT: GROWTH HABIT			
	semi prostrate	intermediate	semi prostrate
PLANT: TIME OF 50% HEADING (days after sowing)			
	78	81	78
LEAF: HAIRINESS OF SHEATHS (LOWEST LEAVES)			
	absent or very weak	strong	absent or very weak
LEAF BLADE MARGIN HAIRINESS, leaf below flag leaf			
	absent or very weak	absent or very weak	absent or very weak
FLAG LEAF: WIDTH OF BLADE (mm)			
mean	18	18	23
std deviation	1.8	1.6	2.7
LSD/sig	1.8	ns	P≤0.01
STEM: HAIRINESS OF UPPERMOST NODE			
	variable	present	absent
SPIKELET: LENGTH OF GLUME			
	long	medium	medium
PRIMARY GRAIN: GLAUCOSITY OF LEMMA			
	absent	absent	absent
PRIMARY GRAIN: COLOUR OF LEMMA			
	variable pale yellow to brown	pale brown	yellow
GRAIN: HUSK			
	present	present	present
PRIMARY GRAIN: AWN TENDENCY OF LEMMA			
	very strong	weak	absent or very weak

Plant Varieties Journal - Search Result Details**Mango (*Mangifera indica*)****Variety:** 'A67'**Synonym:** N/A**Application no:** 2004/331**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 15-Dec-2004**Accepted:** 18-Feb-2005**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: State of Queensland through its Department of Primary Industries and Fisheries and
Promised Land Avocados Pty Ltd

Agent: N/A**Telephone:** 0732393025**Fax:** 0732393948

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



Mangifera indica

Mango

‘A67’

Application No: 2004/331 Accepted: 18 Feb 2005.

Applicant: **The State of Queensland through its Department of Primary Industries and Fisheries,** Brisbane, QLD and **Promised Land Avocados Pty Ltd,** Childers, QLD.

Characteristics Tree: open, form erect, vigour high. Young leaf: anthocyanin colouration present, hue of anthocyanin colouration red, intensity of anthocyanin colouration strong. Fully developed leaf: smooth, attitude horizontal, length medium to long (mean 225mm), width medium (mean 46mm), length/width ratio high (mean 4.9), petiole length medium (42mm), predominant shape elliptic, twisting of blade absent, shape in cross section concave, curvature of midrib present, shape of tip acute, shape of base acute, undulation of margin absent or very weak, terpinolene aroma when crushed present. Mature fruit: time of maturity very late, length medium (mean 101.4mm), width medium (mean 90mm), ratio length/width medium (mean 1.1), shape ovate, shape in cross section narrow elliptic, stalk cavity shallow, sinus proximal of stylar scar absent, bulge proximal of stylar scar absent, anthocyanin colouration of skin where sun-exposed moderate, hue of anthocyanin colouration of skin where sun-exposed red. Ripe fruit: main colour of flesh yellow, firmness of flesh firm, texture of flesh smooth, amount of fibre low. Sap exudation at harvest with sap burn and skin browning. Fruiting characteristic: bunch bearing with 2-4 fruits commonly carried on each inflorescence. Seed: embryonic type monoembryonic, size small.

Origin and Breeding Controlled pollination: between seed parent ‘Sensation’ x pollen parent ‘Kensington Pride’ followed by seedling selection. Seedlings from controlled pollinations were established on the property of Mr & Mrs J.W. Dorrian at Childers, QLD and the candidate selected at the fruiting stage. Selection criteria: precocious, heavy-cropping, upright tree, with red-skinned, medium-sized, terpinolene-flavoured fruit. Propagation: monoembryonic cultivar vegetatively propagated by grafting on to seedling rootstocks. Breeder: Queensland Department of Primary Industries, Brisbane and Mr J.W. Dorrian and Mrs J.R. Dorrian, Childers, QLD.

Choice of Comparators ‘Kensington Pride’ was chosen, as it is the pollen parent of the candidate, ‘B74’ was chosen since it is a hybrid of the same parentage to the candidate and is being commercially produced in Australia while ‘R2E2’ was chosen as a variety of common knowledge with similarities to the candidate. In addition, ‘Kensington Pride’ and ‘R2E2’ are the most common varieties currently grown in Australia. The seed parent ‘Sensation’ was not included in the trial because it is quite distinctive to the candidate. For example, the mean fruit size of ‘Sensation’ is smaller (360 g) than the candidate while the skin colour is bright yellow (background) with a dark red to purple blush that covers most of the surface. Sensation is a very late variety, maturing 3-4 weeks later than the candidate. Sensation has no distinguishable terpinolene smell (leaves) or flavour (fruit).

Comparative Trial Location: Childers, QLD 1997 - 2005. Conditions: scions of the candidate and comparator varieties were topworked to ‘Keitt’ trees that were originally grafted to polyembryonic seedlings of ‘Kensington Pride’. Trees were grown on a red basaltic soil (kraznozem) planted at 6 x 10m. Pest and disease treatments were applied as required. Fertiliser and irrigation followed commercial practice. Trial design: ten single tree replicates of each cultivar; planted in a completely randomised design. Measurements: 10-20 random measurements of each characteristic from each replicate. Redness of skin colour was determined using a Minolta Chroma Meter CR-200 to measure the hue angle (H). Mean values were taken from measurements at three points from the shoulder to the basal end of the sun-exposed side of each fruit. The lower the hue angle the greater the red colouration.

Prior Applications and Sales

No prior applications. First sold in Australia in Feb 2004.

Description: **Dr. A.W. Whiley,** Sunshine Horticultural Services, Nambour, QLD.

Table *Mangifera* varieties

	‘A67’	*‘B74’	*‘Kensington Pride’	*‘R2E2’
TREE: FORM	erect	erect	spreading	erect
TREE: VIGOUR	high	low - moderate	high	moderate
TREE: FRUIT MATURITY SEASON	very late	late	early - mid	mid - late
FULLY DEVELOPED LEAF: LENGTH (mm)				
mean	225.5	203.9	181.5	236.8
std deviation	8.2	11.5	7.3	18.6
LSD/sig	3.8	P≤0.01	P≤0.01	P≤0.01
FULLY DEVELOPED LEAF: WIDTH (mm)				
mean	46.2	62.3	39.7	51.8
std deviation	1.1	3.4	1.5	3.5
LSD/sig	1.3	P≤0.01	P≤0.01	P≤0.01
FULLY DEVELOPED LEAF: LENGTH/WIDTH RATIO				
mean	4.91	3.44	4.00	4.01
std deviation	0..20	0.11	0.12	0.11
LSD/sig	0.09	P≤0.01	P≤0.01	P≤0.01
FULLY DEVELOPED LEAF: PETIOLE LENGTH (mm)				
mean	42.6	39.8	21.3	33.5
std deviation	2.6	4.6	2.3	7.9
LSD/sig	1.5	P≤0.01	P≤0.01	P≤0.01
FULLY DEVELOPED LEAF: SHAPE IN CROSS-SECTION	concave	concave	concave	straight
FULLY DEVELOPED LEAF: SHAPE OF TIP	acute	acuminate	attenuate	acuminate
FULLY DEVELOPED LEAF: SHAPE OF BASE	acute	acute	acute	rounded
FULLY DEVELOPED LEAF: TERPINOLENE AROMA WHEN CRUSHED	present	present	present	absent
FULLY DEVELOPED LEAF: RELIEF OF UPPER SURFACE BETWEEN VEINS	slightly sunken between veins	slightly sunken between veins	raised	raised between veins
INFLORESCENCE: LENGTH (mm)				
Mean	33.1	32.0	23.2	21.3
Std deviation	1.1	3.1	1.3	23.2
LSD/sig	3.0	ns	P≤0.01	P≤0.01
INFLORESCENCE: COLOUR OF AXIS	dark pink	dark pink	pink	dark pink
INFLORESCENCE: PERCENTAGE OF BUNCH-BEARING INFLORESCENCES				
mean	82.4	66.4	22.9	34.3

Std deviation	7.0	9.0	9.1	10.1
LSD/sig	10.9	P≤0.01	P≤0.01	P≤0.01
MATURE FRUIT: LENGTH (mm)				
mean	101.39	101.23	113.52	117.11
std deviation	2.25	2.69	2.14	3.34
LSD/sig	3.22	ns	P≤0.01	P≤0.01
MATURE FRUIT: WIDTH (mm)				
mean	89.97	91.28	87.94	111.98
std deviation	1.29	2.80	2.71	2.43
LSD/sig	3.00	ns	ns	P≤0.01
MATURE FRUIT: RATIO LENGTH/WIDTH				
mean	1.13	1.11	1.29	1.05
std deviation	0.02	0.01	0.03	0.01
LSD/sig	0.03	ns	P≤0.01	P≤0.01
MATURE FRUIT: WEIGHT (g)				
mean	425.3	475.1	457.4	802.7
std deviation	17.1	37.0	38.1	53.0
LSD/sig	48.64	P≤0.01	ns	P≤0.01
RIPE FRUIT: MAIN COLOUR OF FLESH				
	yellow	pale yellow	yellow	yellow
RIPE FRUIT: PREDOMINANT SKIN COLOUR				
	red and yellow	red and yellow	yellow and red	yellow and red
RIPE FRUIT: AMOUNT OF FIBRE IN FLESH ATTACHED TO STONE				
	low	low	medium	low
RIPE FRUIT: TERPINOLENE FLAVOUR				
	present	present	present	absent
* RIPE FRUIT: COLOUR (hue angle)				
mean	55.52	44.73	67.36	53.51
std deviation	3.07	4.18	2.05	2.58
LSD/sig	4.05	P≤0.01	P≤0.01	ns
SEED: EMBRYONIC TYPE				
	monoembryonic	monoembryonic	polyembryonic	mostly polyembryonic

Note: Redness of skin colour was determined using a Minolta Chroma Meter CR-200 to measure the hue angle (H)

Plant Varieties Journal - Search Result Details

Chickpea (*Cicer arietinum*)

Variety: 'Kyabra'
Synonym: 9437-3005

Application no: 2004/339
Current status: ACCEPTED
Certificate no: N/A
Received: 22-Dec-2004
Accepted: 31-May-2005
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: State of Queensland through its Department of Primary Industries and Fisheries, Department of Primary Industries for and on behalf of the State of New South Wales, Grains Research and Development Corporation

Agent: N/A
Telephone: 0732390807
Fax: N/A

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



Details of Application**Application Number**

2004/339

Variety Name

'Kyabra'

Genus Species*Cicer arietinum***Common Name**

Chickpea

Synonym

9437-3005

Accepted Date

31 May 2005

Applicant

State of Queensland through its Department of Primary Industries and Fisheries, Brisbane, QLD, Department of Primary Industries for and on behalf of the State of New South Wales, Orange, NSW and Grains Research and Development Corporation, Barton, ACT.

Agent

Nil

Qualified Person

Alan Cruickshank

Details of Comparative Trial**Location**

Kingaroy, South-East Queensland, Australia.

Descriptor

TG/143/3

Period

28 Jun 2004 to 2 Dec 2004

Conditions

The DUS trial was sown on 28 June 2004, in a Euchrozem soil at Kingaroy. Supplementary irrigation was applied on the day of planting and emergence was consequently slower than optimum. There was some foraging by hares which had a significant impact on plant stature and shape but only in the first replicate. The trial received several supplementary irrigations, and one application of protectant fungicide, so that (apart from the hares) it was effectively stress-free. The trial was harvested by cutting plants (on 2 December 2004) and drying them in a glasshouse prior to threshing. The DUS trial was a randomised complete block with four replicates. There were two generations each of three candidate varieties and five potential comparator varieties: Jimbour, Howzat, Amethyst, Norwin and Lasseter. For many characteristics the first replicate was disregarded for reasons described above.

Trial Design**Measurements**

The crop establishment of each plot was measured on 19 August 2004. Observations of plant descriptors were made at several points during the season, particularly on 10 November. At this time peduncle length, pod length and width, number of branches and length of main stem were measured on 2 plants from each of replicates 2 to 4. Prior to harvest the height of 3 standing bushes in each plot was measured. Post harvest, the weight of 100 mature seed was measured and the counted seed retained.

Origin and Breeding

Controlled pollination: complex cross Amethyst / 2 / 946-31 / Barwon / 3 / Lasseter / 940-26 / 2 / 946-31 / Norwin / 4 / 8507-28H / 2 / Amethyst / T1069 / 3 / 8507-28H / 946-31 was completed at Tamworth in 1994. Cross advanced as a bulk to F₃. F₃ bulk passed to QDPI. Selection criteria: mass selection in 1996 for larger seed size and appropriate colour after growing bulk in *Phytophthora* nursery. F₄ single plant selected in 1997 after growing in *Phytophthora* nursery. Un replicated 9 m rows of F_{4:5} progeny. Disease pressure and yield selection. Preliminary then advanced yield testing 1999 to 2004. Single plant selection 2003, plant progeny row selection 2003-4 summer, to establish pure seed nucleus. There are no off types in this line. Since the selection of this line it has advanced through five and six generations prior to entry into the DUS experiment at Kingaroy. Breeder: Ted Knights, NSW Agriculture and Bob Brinsmead and Merrill Fordyce, Queensland Department of Primary Industries and Fisheries.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Stem	Anthocyanin colouration	present
Leaflet	Size	medium
Seed	Type	desi-type
Seed	Colour	beige and tan
Pod	Time of maturity	medium

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Jimbour'	Medium maturity excludes – 'Amethyst' (early), WACPE2012 (early), 'Barwon' (late) and 'Lasseter' (late). Stem colouration excludes 'Gully' and 'Norwin'. Seed type desi excludes all kabuli lines such as 'Bumper' and 'Kaniva'.
'Howzat'	

Varieties of Common Knowledge identified above and subsequently excluded

Articles of Common Knowledge Identified Above and Subsequently, Ordered				
Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Comparator Variety
	Organ/ Plant Part	Context		
‘Lasseter’	Pod	Time of maturity	medium	late
‘Norwin’	Leaflet	Size	medium	small
‘Amethyst’	Pod	Time of maturity	medium	early

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

Organ/Plant Part: Context	‘Kyabra’	*‘Howzat’	*‘Jimbour’
<input type="checkbox"/> *Plant: height	medium to tall	short to medium	medium
<input type="checkbox"/> *Plant: attitude	semi-erect	semi-erect to prostrate	erect to semi-erect
<input type="checkbox"/> Plant: intensity of ramification	medium	medium	weak to medium
<input type="checkbox"/> *Stem: anthocyanin colouration	present	present	present
<input type="checkbox"/> Stem: height of insertion of first flower	medium	low	medium
<input type="checkbox"/> *Foliage: intensity of green colour	medium	medium	medium
<input type="checkbox"/> *Leaflet: size	medium	medium	medium
<input type="checkbox"/> *Flower: colour	purplish pink	purplish pink	purplish pink
<input type="checkbox"/> Peduncle: length	medium	medium	medium
<input type="checkbox"/> *Pod: size	medium	medium	medium
<input type="checkbox"/> *Pod: intensity of green colour	light	light	light
<input type="checkbox"/> Pod: length of beak	short	short	short
<input type="checkbox"/> *Pod: predominant number of ovules	two	two	two
<input type="checkbox"/> *Seed: colour	beige	beige	beige
<input type="checkbox"/> *Seed: intensity of colour	medium	medium	medium
<input checked="" type="checkbox"/> *Seed: weight	high	medium	medium
<input checked="" type="checkbox"/> *Seed: shape	round to angular	angular	angular
<input checked="" type="checkbox"/> *Seed: ribbing	weak	medium to strong	medium to strong
<input type="checkbox"/> *Time of: flowering	medium	medium	medium
<input type="checkbox"/> *Time of: maturity of pod	medium	medium	medium

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Kyabra’	*‘Howzat’	*‘Jimbour’
<input type="checkbox"/> Plant: Ascochyta blight reaction	highly susceptible	moderately susceptible	highly susceptible
<input type="checkbox"/> Plant: Phytophthora root rot reaction	intermediate	moderately susceptible	intermediate

Statistical Table

Organ/Plant Part: Context	‘Kyabra’	*‘Howzat’	‘Jimbour’
☑ Seed: 100 seed weight (g/100 mature seed)			
Mean	28.00	22.90	22.20
Std. Deviation	1.17	0.85	1.24
LSD/sig	2.3	P≤0.01	P≤0.01

Prior Applications and Sales

Nil.

Description: **Alan Cruickshank**, QDPI, Kingaroy, QLD.

Plant Varieties Journal - Search Result Details**Wheat (*Triticum aestivum*)**

Variety: 'TMB406F2'
Synonym: N/A

Application no: 2003/319
Current status: ACCEPTED
Certificate no: N/A
Received: 14-Nov-2003
Accepted: 13-Apr-2004
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: SunPrime Seeds Pty Ltd

Agent: N/A
Telephone: 0268816210
Fax: 0268816220

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



Details of Application

Application Number	2003/319
Variety Name	'TMB406F2'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	13 Apr 2004
Applicant	SunPrime Seeds Pty Ltd, Dubbo, NSW.
Agent	Nil
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW
Descriptor	TG/3/11
Period	May to Dec 2004
Conditions	Planted into long fallowed self-mulching black soil with 75kgN/ha as Anhydrous Ammonia and 50kgK/ha as Muriate of Potash pre-planting
Trial Design	Randomised complete Block, plots 12m long x 2m (7 row) wide, 3 replicates
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants
RHS Chart - edition	

Origin and Breeding

Controlled pollination followed by pedigree selection: 'Sunbri' was crossed three times with 'H45'. The first crosses were made in 1994. The early cycles of pedigree selection (F₁-F₃) included seedling and adult plant selection for disease resistance. Subsequent further selection for disease resistance (F₃-F₇) coupled with selection for agronomic plant type, grain quality and grain yield were undertaken. Final evaluation for yield, quality and disease resistance was conducted by agencies involved in the Northern Wheat improvement program. Selection criteria: progeny were selected for rust resistance in each generation during the backcrossing phase and subsequently during the agronomic, yield testing and quality testing generations. The variety has undergone at least seven generations of selection. Propagation: the variety has been propagated by self-pollinated seed. The variety has been maintained in its present form for at least three generations. There are a small proportion of taller plants, less than 0.1%, in the variety which are thought to be mutants at one of the dwarfing loci. Breeder: SunPrime Seeds Pty Limited in collaboration with the University of Sydney and the National Cereal Rust Control Program.

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
Straw	pith in cross section	medium to thick
Ear	colour	white
Awns or scurs		present
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'H45'	Recurrent parent

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

Organ/Plant Part: Context	'TMB406F2'	*'H45'
<input checked="" type="checkbox"/> Coleoptile: anthocyanin colouration	medium to strong	weak to medium
<input checked="" type="checkbox"/> *Plant: growth habit	semi-erect	semi-erect to intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very high	very high
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium	medium to strong
<input type="checkbox"/> *Ear: glaucosity	weak to medium	medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	strong	strong to very strong
<input type="checkbox"/> *Straw: pith in cross section	medium to thick	medium to thick
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Lower glume: shoulder width	medium	narrow to medium
<input type="checkbox"/> Lower glume: shoulder shape	slightly sloping to straight	slightly sloping to straight
<input type="checkbox"/> Lower glume: beak length	medium	short to medium
<input checked="" type="checkbox"/> Lower glume: beak shape	slightly curved to moderately curved	slightly curved
<input checked="" type="checkbox"/> Lower glume: extent of internal hair	weak to medium	weak
<input type="checkbox"/> Lowest lemma: beak shape	moderately curved to strongly curved	moderately curved to strongly curved
<input type="checkbox"/> Grain: colouration with phenol	dark to very dark	dark to very dark
<input type="checkbox"/> *Seasonal type:	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	'TMB406F2'	*'H45'
<input type="checkbox"/> Stem rust gene Sr9g:	present	present
<input type="checkbox"/> Stem rust gene Sr30:	present	present

<input checked="" type="checkbox"/> Stem rust gene Sr38:	present	absent
<input type="checkbox"/> Leaf rust gene Lr13:	present	present
<input checked="" type="checkbox"/> Leaf rust gene Lr37:	present	absent
<input checked="" type="checkbox"/> Stripe rust gene Yr17:	present	absent
<input type="checkbox"/> Stripe rust gene Yr7:	present	present

Statistical Table

Organ/Plant Part: Context	‘TMB406F2’	*‘H45’
<input checked="" type="checkbox"/> Plant: Length (mm)		
Mean	853.83	821.33
Std. Deviation	29.46	26.49
LSD/sig	31.57	P≤0.01
<input type="checkbox"/> Ear: Length (mm)		
Mean	98.92	103.03
Std. Deviation	7.48	9.15
LSD/sig	9.55	ns
<input type="checkbox"/> Awn: length (mm)		
Mean	43.15	43.70
Std. Deviation	6.30	8.17
LSD/sig	8.18	ns
<input type="checkbox"/> Ear: density – (no of spikelets per 50mm)		
Mean	9.71	9.64
Std. Deviation	0.45	0.48
LSD/sig	0.54	ns

Prior Applications and Sales

Nil.

Description: **Steven Moore**, Plant Breeding Institute, Narrabri, NSW.

Plant Varieties Journal - Search Result Details**Hesperozygis (*Hesperozygis hybrid*)****Variety:** 'Sunmindepi'**Synonym:** N/A**Application no:** 2004/158**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-May-2004**Accepted:** 05-Jul-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

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	2004/158
Variety Name	'Sunmindepi'
Genus Species	<i>Hesperozygis</i> hybrid
Common Name	Hesperozygis
Synonym	N/A
Accepted Date	5 Jul 2004
Applicant	Suntory Flowers Limited, Tokyo, Japan
Agent	Ramm Botanicals Pty Ltd, Tuggerah, NSW.
Qualified Person	Ian Paananen

Details of Comparative Trial

Location	Somersby, NSW
Descriptor	N/A
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: *H. ciliolata* 'GOR' (seed parent) x *H. myrtoidea* 'G35-62' (pollen parent). The seed parent is characterised by an orange flower colour and a conical growth habit. The pollen parent is characterised by a purple flower colour. Selection took place at Suntory Flowers Ltd, Osaka, Japan. Selection criteria: dense growth habit, large flower size and pink flower colour. Propagation: stock plants generated vegetatively through micropropagation and cuttings are found to be uniform and stable. Breeder: Tomoya Misato, Shiga, Japan.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Plant	growth habit	globose

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sunminpa'	purple flower colour

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
Organ/Plant Part Context			
‘Sunminbu’ plant	growth habit	globose	conical
‘Sunminbu’ flower	colour of pink corolla		light purple

Organ/Plant Part: Context	‘Sunmindepi’	*‘Sunminpa’
<input type="checkbox"/> Plant: type	herbaceous perennial	herbaceous perennial
<input type="checkbox"/> Plant: growth habit	globose	globose
<input checked="" type="checkbox"/> Plant: size	small	medium
<input checked="" type="checkbox"/> Plant: height	short	short to medium
<input type="checkbox"/> Plant: width	medium	medium
<input checked="" type="checkbox"/> Stem: presence of anthocyanin in new growth	present	absent
<input checked="" type="checkbox"/> Young shoot: anthocyanin colouration	medium to strong	absent or very weak
<input type="checkbox"/> Leaf: leaf type	simple	simple
<input checked="" type="checkbox"/> Leaf: size	small	medium
<input checked="" type="checkbox"/> Leaf: length of blade	short	medium
<input checked="" type="checkbox"/> Leaf: width of blade	narrow	medium
<input checked="" type="checkbox"/> Leaf: glossiness of upper side	medium	strong
<input type="checkbox"/> Leaf: presence of variegation	absent	absent
<input checked="" type="checkbox"/> Leaf: primary colour (RHS colour chart)	147A	147B-A
<input checked="" type="checkbox"/> Petal: predominant colour of upper side (RHS colour chart)	186B	78A

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘Sunmindepi’	*‘Sunminpa’
<input type="checkbox"/> Corolla tube: length	medium	
<input type="checkbox"/> Corolla tube: width	medium	
<input type="checkbox"/> Corolla throat: colour of markings	186A	
<input type="checkbox"/> Stigma: colour	purple	
<input type="checkbox"/> style: colour	white	
<input checked="" type="checkbox"/> Leaf: colour of lower side	147B	147C

<input checked="" type="checkbox"/> Stem: colour of new growth	187A	144C
<input checked="" type="checkbox"/> Calyx: colour at anthesis	ca 147B	145B
<input checked="" type="checkbox"/> Calyx: presence of anthocyanin colouration	present	absent

Statistical Table

Organ/Plant Part: Context	‘Sunmindepi’	*‘Sunminpa’
<input checked="" type="checkbox"/> Plant: height (cm)		
Mean	11.20	17.20
Std. Deviation	1.60	2.80
LSD/sig	2.58	P≤0.01
<input checked="" type="checkbox"/> Plant: width (cm)		
Mean	22.30	25.80
Std. Deviation	2.30	2.90
LSD/sig	3.0	P≤0.01
<input checked="" type="checkbox"/> Leaf: length (mm)		
Mean	12.70	22.00
Std. Deviation	1.20	2.40
LSD/sig	2.16	P≤0.01
<input checked="" type="checkbox"/> Leaf: width (mm)		
Mean	5.40	8.40
Std. Deviation	0.30	1.10
Lsd/sig	0.9	P≤0.01
<input type="checkbox"/> Corolla tube: length (mm)		
Mean	19.70	18.80
Std. Deviation	1.30	1.60
LSD/sig	1.66	ns
<input type="checkbox"/> Corolla tube: width (mm)		
Mean	6.60	6.30
Std. Deviation	1.10	0.90
LSD/sig	1.16	ns

Prior Applications and Sales

No prior applications. First sold in Australia in Jul 2003

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

Plant Varieties Journal - Search Result Details**Apple (*Malus domestica*)****Variety:** 'Pinkie'**Synonym:** N/A**Application no:** 2005/026**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 07-Feb-2005**Accepted:** 10-Feb-2005**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: The Horticulture and Food Research Institute of New Zealand Limited**Agent:** A J Park**Telephone:** 0262435151**Fax:** 0262435153

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



Details of Application

Application Number	2005/026
Variety Name	'Pinkie'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Synonym	Nil
Accepted Date	10 Feb 2005
Applicant	The Horticulture and Food Research Institute of New Zealand Limited, Havelock North, New Zealand
Agent	A J Park, Canberra, ACT.
Qualified Person	Michael Malone

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	APP140
Location	Cultivar Centre, HortResearch, Havelock North, New Zealand
Descriptor	TG/14/8
Period	1999-2001

Origin and Breeding

Controlled pollination: developed from hybridisation of seed parent 'Granny Smith' with imported pollen from an unreleased seedling 'A679-2' in 1986 in a planned breeding programme at the HortResearch orchard, Havelock North, New Zealand. The seed parent 'Granny Smith' is characterised by green globose fruit maturing in the late season. The fruit characteristics of the pollen parent, 'A679-2', are unknown. The pollen parent was chosen for resistance to apple scab and powdery mildew. One seedling was selected for fruit texture and disease resistance in 1992, propagated onto clonal rootstock and planted at the HortResearch orchard, Havelock North, New Zealand for further evaluation. Selection criteria: eating quality and storage and resistance to apple scab and powdery mildew. Breeder: Allan White, HortResearch, Havelock North, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	Size	medium
Fruit	pattern of over only striped colour	

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Gala'	
'Braeburn'	

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic	State of Expression in Candidate Variety	State of Expression in Comparator Variety
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Organ/Plant Context Part

'Granny Smith'	Fruit	pattern of over colour	only striped	washed out
'Pink Lady'	Fruit	shape	globose	oblong

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

Organ/Plant Part: Context		'Pinkie'	*'Braeburn'	*'Gala'
<input type="checkbox"/>	Tree: vigour	medium to strong		
<input type="checkbox"/>	Tree: type	ramified		
<input type="checkbox"/>	Tree: habit	spreading		
<input type="checkbox"/>	Dormant one-year-old shoot: pubescence	medium		
<input type="checkbox"/>	Dormant one-year-old shoot: thickness	thin to medium		
<input type="checkbox"/>	*Dormant one-year-old shoot: length of internode	medium		
<input type="checkbox"/>	*Dormant one-year-old shoot: number of lenticels	medium		
<input type="checkbox"/>	*Unopened flower: colour	light pink		
<input type="checkbox"/>	*Flower: size	medium		
<input type="checkbox"/>	*Petals: relative position of margins	touching		
<input type="checkbox"/>	Leaf: attitude in relation to shoot	outwards		
<input type="checkbox"/>	*Leaf blade: length	medium		
<input type="checkbox"/>	*Leaf blade: width	medium		
<input type="checkbox"/>	Leaf blade: shape of incisions of margin	serrate		
<input type="checkbox"/>	*Petiole: length	medium		
<input checked="" type="checkbox"/>	*Fruit: size	small to medium	medium	medium
<input type="checkbox"/>	*Fruit: ratio height/width	medium to large		
<input type="checkbox"/>	Fruit: position of maximum width	towards stalk		
<input checked="" type="checkbox"/>	*Fruit: shape	globose	flat globose (obloid)	globose conical
<input type="checkbox"/>	Fruit: ribbing	weak		
<input type="checkbox"/>	Fruit: crowning at calyx end	medium		
<input type="checkbox"/>	*Fruit: aperture of eye	closed		
<input type="checkbox"/>	*Fruit: size of eye	small		
<input type="checkbox"/>	Fruit: length of sepal	short to medium		
<input type="checkbox"/>	*Fruit: depth of eye basin	shallow to medium		

<input type="checkbox"/>	Fruit: width of eye basin	medium		
<input type="checkbox"/>	*Fruit: thickness of stalk	medium		
<input type="checkbox"/>	*Fruit: length of stalk	short to medium		
<input type="checkbox"/>	*Fruit: depth of stalk cavity	medium		
<input type="checkbox"/>	Fruit: width of stalk cavity	medium		
<input type="checkbox"/>	*Fruit: bloom of skin	absent or very weak		
<input type="checkbox"/>	Fruit: greasiness of skin	absent or very weak		
<input type="checkbox"/>	*Fruit: ground colour	yellow		
<input type="checkbox"/>	*Fruit: amount of over colour	medium		
<input checked="" type="checkbox"/>	Fruit: over colour	pink	red	red
<input type="checkbox"/>	Fruit: intensity of over colour	medium		
<input type="checkbox"/>	*Fruit: pattern of over colour of skin	only striped	only striped	only striped
<input type="checkbox"/>	*Fruit: amount of russet around eye basin	absent or very low		
<input type="checkbox"/>	Fruit: amount of russet on cheeks	absent or very low		
<input type="checkbox"/>	*Fruit: amount of russet around stalk cavity	medium		
<input type="checkbox"/>	*Fruit: size of lenticels	small to medium		
<input type="checkbox"/>	*Fruit: firmness of the flesh	soft to medium		
<input type="checkbox"/>	*Fruit: colour of the flesh	white		
<input type="checkbox"/>	*Fruit in cross-section: aperture of locules	closed		
<input type="checkbox"/>	*Time of: beginning of flowering	early		
<input checked="" type="checkbox"/>	*Time of: maturity for consumption	medium	late	medium
<u>Characteristics Additional to the Descriptor/TG</u>				
Organ/Plant Part: Context		‘Pinkie’	*‘Braeburn’	*‘Gala’
<input checked="" type="checkbox"/>	Tree: powdery mildew resistance	resistant	susceptible	susceptible
<input checked="" type="checkbox"/>	Tree: apple scab resistance	resistant	susceptible	susceptible

Prior Applications and Sales

Country	Year	Current Status	Name Applied
New Zealand	1998	Granted	‘Pinkie’

First sold in New Zealand in Mar 1999.

Description: **Michael Malone**, HortResearch, Havelock North, New Zealand.

Plant Varieties Journal - Search Result Details**Apple (*Malus domestica*)**

Variety: 'Scifresh'
Synonym: N/A

Application no: 2004/068
Current status: ACCEPTED
Certificate no: N/A
Received: 25-Feb-2004
Accepted: 31-Mar-2004
Granted: N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: The Horticulture and Food Research Institute of New Zealand Limited

Agent: A J Park
Telephone: 0262435151
Fax: 0262435153

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



Details of Application

Application Number	2004/068
Variety Name	'Scifresh'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Synonym	Nil
Accepted Date	31 Mar 2004
Applicant	The Horticulture and Food Research Institute of New Zealand Limited, Havelock North, New Zealand.
Agent	A J Park, Canberra, ACT.
Qualified Person	Michael Malone

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	APP133
Location	Cultivar Centre, HortResearch, Havelock North, New Zealand
Descriptor	TG/14/8
Period	2000-2002

Origin and Breeding

Controlled pollination: developed from hybridisation of seed parent 'Braeburn' x pollen parent 'Royal Gala' in 1985 in a planned breeding programme at the HortResearch orchard Havelock North, New Zealand. The seed parent 'Braeburn' is characterised by orange-red striped, flat globose fruit maturing in the late season. The pollen parent 'Royal Gala' is characterised by red striped, globose conical fruit maturing in the early season. One seedling was selected for fruit texture in 1990, propagated onto clonal rootstock and planted at the HortResearch orchard, Havelock North, New Zealand for further evaluation. Selection criteria: eating quality and storage. Breeder: Allan White, HortResearch, Havelock North, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	pattern of over colour	striped

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Braeburn'	Seed parent

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristic in Candidate Variety	State of Expression	State of Expression in Comparator Variety	Comments
Organ Context				
'Royal Gala'	Time of maturity	medium	early	pollen parent
'Red Delicious'	Fruit shape	globose conical	oblong conical	nil

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		'Scifresh'	*'Braeburn'
<input type="checkbox"/>	Tree: vigour	weak to medium	
<input type="checkbox"/>	Tree: type	ramified	
<input type="checkbox"/>	Tree: habit	upright to spreading	
<input type="checkbox"/>	Dormant one-year-old shoot: pubescence	medium to strong	
<input type="checkbox"/>	Dormant one-year-old shoot: thickness	medium to thick	
<input type="checkbox"/>	*Dormant one-year-old shoot: length of internode	short to medium	
<input type="checkbox"/>	*Dormant one-year-old shoot: number of lenticels	few	
<input type="checkbox"/>	*Unopened flower: colour	dark pink	
<input type="checkbox"/>	*Flower: size	medium	
<input type="checkbox"/>	*Petals: relative position of margins	free	
<input type="checkbox"/>	Leaf: attitude in relation to shoot	outwards	
<input type="checkbox"/>	*Leaf blade: length	medium	
<input type="checkbox"/>	*Leaf blade: width	narrow to medium	
<input type="checkbox"/>	Leaf blade: ratio length/width	large	
<input type="checkbox"/>	Leaf blade: shape of incisions of margin	crenate	
<input type="checkbox"/>	*Petiole: length	medium	
<input type="checkbox"/>	*Fruit: size	medium	medium
<input type="checkbox"/>	*Fruit: ratio height/width	medium	
<input type="checkbox"/>	Fruit: position of maximum width	in middle	
<input checked="" type="checkbox"/>	*Fruit: shape	globose conical	flat globose (obloid)
<input type="checkbox"/>	Fruit: ribbing	weak to medium	
<input type="checkbox"/>	Fruit: crowning at calyx end	medium	
<input type="checkbox"/>	*Fruit: aperture of eye	closed	
<input type="checkbox"/>	*Fruit: size of eye	small	

<input type="checkbox"/>	Fruit: length of sepal	medium	
<input type="checkbox"/>	*Fruit: depth of eye basin	medium	
<input type="checkbox"/>	Fruit: width of eye basin	medium	
<input type="checkbox"/>	*Fruit: thickness of stalk	medium	
<input type="checkbox"/>	*Fruit: length of stalk	short to medium	
<input type="checkbox"/>	*Fruit: depth of stalk cavity	medium	
<input type="checkbox"/>	Fruit: width of stalk cavity	medium	
<input type="checkbox"/>	*Fruit: bloom of skin	absent or very weak	
<input type="checkbox"/>	Fruit: greasiness of skin	absent or very weak	
<input type="checkbox"/>	*Fruit: ground colour	green	
<input type="checkbox"/>	*Fruit: amount of over colour	high to very high	
<input type="checkbox"/>	Fruit: over colour	red	red
<input type="checkbox"/>	Fruit: intensity of over colour	medium	
<input checked="" type="checkbox"/>	*Fruit: pattern of over colour of skin	solid flush with stripes	only striped
<input type="checkbox"/>	*Fruit: amount of russet around eye basin	absent or very low	
<input type="checkbox"/>	Fruit: amount of russet on cheeks	absent or very low	
<input type="checkbox"/>	*Fruit: amount of russet around stalk cavity	absent or very low to low	
<input type="checkbox"/>	*Fruit: size of lenticels	small	
<input type="checkbox"/>	*Fruit: firmness of the flesh	very firm	
<input type="checkbox"/>	*Fruit: colour of the flesh	yellowish	
<input type="checkbox"/>	*Fruit in cross-section: aperture of locules	closed	
<input type="checkbox"/>	*Time of: beginning of flowering	medium	
<input checked="" type="checkbox"/>	*Time of: maturity for consumption	medium to late	late

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2001	Applied	‘Scifresh’
Chile	2004	Applied	‘Scifresh’
Japan	2004	Applied	‘Scifresh’
New Zealand	1997	Granted	‘Scifresh’
EU	2001	Applied	‘Scifresh’

First sold in New Zealand in Mar 1998.

Description: **Michael Malone**, HortResearch, Havelock North, New Zealand.

Plant Varieties Journal - Search Result Details**Apple (*Malus domestica*)****Variety:** 'Scigold'**Synonym:** N/A**Application no:** 2004/067**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 25-Feb-2004**Accepted:** 31-Mar-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: The Horticulture and Food Research Institute of New Zealand Limited**Agent:** A J Park**Telephone:** 0262435151**Fax:** 0262435153

[View the detailed description of this
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Details of Application

Application Number	2004/067
Variety Name	'Scigold'
Genus Species	<i>Malus domestica</i>
Common Name	Apple
Synonym	Nil
Accepted Date	31 Mar 2004
Applicant	The Horticulture and Food Research Institute of New Zealand Limited, Havelock North, New Zealand.
Agent	A J Park, Canberra, ACT.
Qualified Person	Michael Malone

Details of Comparative Trial

Overseas Testing Authority	New Zealand Plant Variety Rights Office
Overseas Data Reference Number	APP132
Location	Cultivar Centre, HortResearch, Havelock North, New Zealand
Descriptor	TG/14/8
Period	1997-1999

Origin and Breeding

Controlled pollination: developed from hybridisation of seed parent 'Braeburn' x pollen parent 'Royal Gala' in 1985 in a planned breeding programme at the HortResearch orchard Havelock North, New Zealand. The seed parent 'Braeburn' is characterised by orange-red striped, flat globose fruit maturing in the late season. The pollen parent 'Royal Gala' is characterised by red striped, globose conical fruit maturing in the early season. One seedling was selected for fruit texture in 1990, propagated onto clonal rootstock and planted at the HortResearch orchard, Havelock North, New Zealand for further evaluation. Selection criteria: skin colour, eating quality and storage. Breeder: Allan White, HortResearch, Havelock North, New Zealand.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	size	large
Fruit	ground colour of skin	green yellow
Fruit	amount of over colour of skin	low

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Smoothee'	Fruit size large, amount of over colour low

Variety	Distinguishing Characteristic		State of Expression in Candidate Variety	State of Expression in Candidate Variety	Comments
Organ Context					
‘Braeburn’	Fruit	pattern of over colour	washed out	only striped	seed parent
‘Royal Gala’	Fruit	pattern of over colour	washed out	only striped	pollen parent
‘Mountain Time Cove’	Time	of maturity	medium	early to medium	nil
‘Mutsu’	Fruit	size	large	very large	triploid
‘Golden Delicious’	Fruit	lenticels	not russeted	russeted	russeted

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	'Scigold'	*'Smoother'
<input type="checkbox"/> Tree: vigour	medium to strong	
<input type="checkbox"/> Tree: type	ramified	
<input type="checkbox"/> Tree: habit	spreading	
<input type="checkbox"/> Dormant one-year-old shoot: pubescence	medium to strong	
<input type="checkbox"/> Dormant one-year-old shoot: thickness	medium	
<input type="checkbox"/> *Dormant one-year-old shoot: length of internode	medium	
<input type="checkbox"/> *Dormant one-year-old shoot: number of lenticels	few	
<input type="checkbox"/> *Unopened flower: colour	light pink	
<input type="checkbox"/> *Flower: size	medium	
<input type="checkbox"/> *Petals: relative position of margins	overlapping	
<input type="checkbox"/> Leaf: attitude in relation to shoot	outwards	
<input type="checkbox"/> *Leaf blade: length	medium to long	
<input type="checkbox"/> *Leaf blade: width	medium	
<input type="checkbox"/> Leaf blade: ratio length/width	large	
<input type="checkbox"/> Leaf blade: shape of incisions of margin	serrate	
<input type="checkbox"/> *Petiole: length	medium	
<input type="checkbox"/> *Fruit: size	large	
<input type="checkbox"/> Fruit: position of maximum width	towards stalk	
<input checked="" type="checkbox"/> *Fruit: shape	globose conical	conical
<input type="checkbox"/> Fruit: ribbing	absent or very weak	
<input type="checkbox"/> Fruit: crowning at calyx end	medium	
<input checked="" type="checkbox"/> *Fruit: aperture of eye	closed	fully open
<input type="checkbox"/> *Fruit: size of eye	medium	

<input type="checkbox"/>	Fruit: length of sepal	medium	
<input type="checkbox"/>	*Fruit: depth of eye basin	medium to deep	
<input type="checkbox"/>	Fruit: width of eye basin	medium	
<input type="checkbox"/>	*Fruit: thickness of stalk	medium	
<input type="checkbox"/>	*Fruit: length of stalk	short to medium	
<input type="checkbox"/>	*Fruit: depth of stalk cavity	medium to deep	
<input type="checkbox"/>	Fruit: width of stalk cavity	medium	
<input type="checkbox"/>	*Fruit: bloom of skin	absent or very weak	
<input type="checkbox"/>	Fruit: greasiness of skin	weak	
<input checked="" type="checkbox"/>	*Fruit: ground colour	green yellow	whitish green
<input type="checkbox"/>	*Fruit: amount of over colour	low	
<input type="checkbox"/>	Fruit: over colour	orange	
<input type="checkbox"/>	Fruit: intensity of over colour	light	
<input type="checkbox"/>	*Fruit: pattern of over colour of skin	washed out (faded)	
<input type="checkbox"/>	*Fruit: amount of russet around eye basin	absent or very low	
<input type="checkbox"/>	Fruit: amount of russet on cheeks	absent or very low	
<input type="checkbox"/>	*Fruit: amount of russet around stalk cavity	absent or very low	
<input checked="" type="checkbox"/>	*Fruit: size of lenticels	medium	small
<input type="checkbox"/>	*Fruit: firmness of the flesh	firm	
<input type="checkbox"/>	*Fruit: colour of the flesh	cream	
<input type="checkbox"/>	*Fruit in cross-section: aperture of locules	closed	
<input type="checkbox"/>	*Time of: beginning of flowering	early	
<input type="checkbox"/>	*Time of: maturity for consumption	medium	

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Canada	2004	Applied	'Scigold'
Chile	2004	Applied	'Scigold'
Japan	2004	Applied	'Scigold'
New Zealand	1997	Granted	'Scigold'
EU	1999	Granted	'Scigold'
Uruguay	2004	Applied	'Scigold'
South Africa	2004	Applied	'Scigold'

First sold in New Zealand in Mar 1998.

Description: **Michael Malone**, HortResearch, Havelock North, New Zealand.

Plant Varieties Journal - Search Result Details**Wheat (*Triticum aestivum*)****Variety:** 'SUN421T'**Synonym:** N/A**Application no:** 2004/126**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 13-Apr-2004**Accepted:** 28-Jan-2005**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: The University of Sydney and Grains Research and Development Corporation**Agent:** SunPrime Seeds Pty Ltd**Telephone:** 0268816210**Fax:** 0268816220

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



Details of Application

Application Number	2004/126
Variety Name	'SUN421T'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	28 Jan 2005
Applicant	The University of Sydney, Camperdown, NSW and Grains Research and Development Corporation, Barton, ACT.
Agent	SunPrime Seeds Pty Ltd, Dubbo, NSW.
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW
Descriptor	TG/3/11
Period	May to Dec 2003
Conditions	Sown into long fallowed self-mulching black soil 75kg/ha Anhydrous Ammonia and 50kg/ha Potassium pre-planting.
Trial Design	Plots arranged in randomised complete blocks, 12m long and 2m wide (7 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination followed by pedigree selection: seed parent 'Sunvale' x pollen parent 'Janz'. The early cycles of pedigree selection (F₁-F₃) included seedling and adult plant selection for disease resistance. Subsequent further selection for disease resistance (F₃-F₇) coupled with selection for agronomic plant type, grain quality and grain yield were undertaken. Final evaluation for yield, quality and disease resistance was conducted by agencies involved in the Northern Wheat improvement program. Breeding procedures followed were: 1995 Final cross made at Cobbitty. 1997 Selection for stem, leaf and stripe rust initiated in BCF₂ following production of BCF₁. 1998 Selection for agronomic performance and grain quality at Narrabri in BCF₃. 1999-2000 Continued selection and evaluation for disease resistances, grain quality and grain yield at PBI Narrabri and Cobbitty. 2001-2003 Final evaluation in regional trials together with detailed analysis of disease resistance and comprehensive assessment of grain quality. There are no apparent off types. Breeder: University of Sydney, Plant Breeding Institute.

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
Awns	colour	present
Ear		white
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Sunvale'	parent
'Janz'	parent

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

Organ/Plant Part: Context	'SUN421T'	*'Janz'	*'Sunvale'
<input checked="" type="checkbox"/> Coleoptile: anthocyanin colouration	absent or very weak	weak to medium	medium to strong
<input checked="" type="checkbox"/> *Plant: growth habit	semi-erect to intermediate	semi-erect	intermediate to semi-prostrate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input checked="" type="checkbox"/> Plant: frequency of plants with recurved flag leaves	medium to high	low to medium	low to medium
<input type="checkbox"/> *Time of: ear emergence	early to medium	early to medium	early to medium
<input type="checkbox"/> *Flag leaf: glaucosity of sheath	weak	weak to medium	weak
<input type="checkbox"/> *Ear: glaucosity	absent or very weak to weak	weak to medium	weak
<input checked="" type="checkbox"/> *Straw: pith in cross section	thin	medium	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering
<input type="checkbox"/> *Ear: density	medium	medium to dense	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input checked="" type="checkbox"/> *Awns of scurs at tip of ear: length	medium	long	medium
<input type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak	weak	weak
<input type="checkbox"/> Lower glume: shoulder width	narrow	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	elevated	strongly elevated with 2nd point present	strongly elevated with 2nd point present
<input checked="" type="checkbox"/> Lower glume: beak length	medium	long	very long
<input type="checkbox"/> Lower glume: beak shape	slightly curved	slightly curved	slightly curved

<input checked="" type="checkbox"/>	Lower glume: extent of internal hair	weak	medium	medium
<input checked="" type="checkbox"/>	Lowest lemma: beak shape	slightly curved	slightly curved	straight
<input type="checkbox"/>	Grain: colouration with phenol	light to medium	light to medium	light to medium
<input type="checkbox"/>	*Seasonal type:	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context	‘SUN421T’	*‘Janz’	*‘Sunvale’
<input checked="" type="checkbox"/> Stripe rust gene Yr17:	present	absent	present
<input checked="" type="checkbox"/> stem rust gene Sr38:	present	absent	present
<input checked="" type="checkbox"/> Leaf rust gene Lr37:	present	absent	present
<input checked="" type="checkbox"/> Stem rust gene Sr24:	present	present	absent
<input checked="" type="checkbox"/> Stem rust gene Sr36:	absent	absent	present
<input checked="" type="checkbox"/> Leaf rust gene Lr3:	absent	absent	present
<input checked="" type="checkbox"/> Leaf rust gene Lr24:	present	present	absent
<input checked="" type="checkbox"/> Leaf rust gene LrAPR:	absent	present	absent
<input type="checkbox"/> Stripe rust gene YrAPR:	present	present	present

Statistical Table

Organ/Plant Part: Context	‘SUN421T’	*‘Janz’	*‘Sunvale’
<input type="checkbox"/> Plant length (mm)			
Mean	701.50	735.00	736.50
Std. Deviation	99.76	38.73	74.29
LSD/sig	45.56	ns	ns
<input type="checkbox"/> Ear length (mm)			
Mean	97.00	96.25	93.50
Std. Deviation	7.05	7.76	5.64
LSD/sig	7.44	ns	ns

Prior Applications and Sales

Nil.

Description: **Steven Moore**, Plant Breeding Institute, Narrabri, NSW.

Plant Varieties Journal - Search Result Details**Wheat (*Triticum aestivum*)****Variety:** 'SUN404B'**Synonym:** N/A**Application no:** 2003/320**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 14-Nov-2003**Accepted:** 13-Apr-2004**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: The University of Sydney and Grains Research and Development Corporation**Agent:** SunPrime Seeds Pty Ltd**Telephone:** 0268816210**Fax:** 0268816220

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



Details of Application

Application Number	2003/320
Variety Name	'SUN404B'
Genus Species	<i>Triticum aestivum</i>
Common Name	Wheat
Synonym	Nil
Accepted Date	13 Apr 2004
Applicant	The University of Sydney, Camperdown, NSW and Grains Research and Development Corporation, Barton, ACT.
Agent	SunPrime Seeds Pty Ltd, Dubbo, NSW.
Qualified Person	Stephen Moore

Details of Comparative Trial

Location	The University of Sydney Plant Breeding Institute, Narrabri, NSW
Descriptor	TG/3/11
Period	May to Dec 2003
Conditions	Sown into long fallowed self-mulching black soil 75kgN/ha Anhydrous Ammonia and 50kgK/ha as Muriate of Potash pre-planting.
Trial Design	Plots arranged in randomised complete blocks, 12m long and 2m wide (7 rows) in 3 replicates.
Measurements	Taken from 20 random plants per replicate from approximately 2,500 plants.
RHS Chart - edition	Nil

Origin and Breeding

Controlled pollination followed by pedigree selection: seed parent 'Sunbrook' x pollen parent 'Sunstate'. The early cycles of pedigree selection (F₁-F₂) included seedling and adult plant selection for rust resistance. Subsequent further selection for disease resistance (F₃-F₆) coupled with selection for agronomic plant type, grain quality and grain yield were undertaken. Final evaluation for yield, quality and disease resistance was conducted by agencies involved in the Northern Wheat improvement program. Breeding procedures followed were: 1994. Final cross made at PBI Cobbitty. 1995-1996. Selection for stem, leaf and stripe rust in BCF1 and BCF2 at PBI Cobbitty. 1997 Selection for agronomic performance and grain quality at Narrabri in BCF₃. 1998-2000 Continued selection and evaluation for disease resistances, grain quality and grain yield at PBI Narrabri and Cobbitty. 2001-2003 Final evaluation in regional trials together with detailed analysis of disease resistance and comprehensive assessment of grain quality. Variety maintained in present form for 2 years. No apparent off-types present. Breeder: University of Sydney, Plant Breeding Institute.

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
Straw	pith in cross section	thin
Ear	colour	white
Awns		present
Seasonal type		spring

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Sunbrook’	parent
‘Sunstate’	parent

Organ/Plant Part: Context	‘SUN404B’	*‘Sunbrook’	*‘Sunstate’
<input checked="" type="checkbox"/> Coleoptile: anthocyanin colouration	absent or very weak	absent or very weak	weak to medium
<input checked="" type="checkbox"/> *Plant: growth habit	semi-erect to intermediate	intermediate	intermediate
<input type="checkbox"/> Flag leaf: anthocyanin colouration of auricles	absent or very weak	absent or very weak	absent or very weak
<input type="checkbox"/> Plant: frequency of plants with recurved flag leaves	very high		very high
<input checked="" type="checkbox"/> *Time of: ear emergence	medium	medium to late	early to medium
<input checked="" type="checkbox"/> *Flag leaf: glaucosity of sheath	medium to strong	medium	weak to medium
<input checked="" type="checkbox"/> *Ear: glaucosity	absent or very weak to weak	weak	weak to medium
<input checked="" type="checkbox"/> Culm: glaucosity of neck	very strong	strong	medium to strong
<input type="checkbox"/> *Straw: pith in cross section	thin	thin	thin
<input type="checkbox"/> *Ear: shape in profile	tapering	tapering	tapering
<input checked="" type="checkbox"/> *Ear: density	lax to medium	medium	medium
<input type="checkbox"/> *Awns or scurs: presence	awns present	awns present	awns present
<input type="checkbox"/> *Awns of scurs at tip of ear: length	medium	medium	medium
<input checked="" type="checkbox"/> Apical rachis segment: hairiness of convex surface	absent or very weak to weak	weak	weak
<input type="checkbox"/> Lower glume: shoulder width	narrow	narrow	narrow
<input checked="" type="checkbox"/> Lower glume: shoulder shape	slightly sloping	sloping	sloping
<input checked="" type="checkbox"/> Lower glume: beak length	short	short	medium
<input checked="" type="checkbox"/> Lower glume: beak shape	straight to slightly curved	slightly curved	straight to slightly curved
<input checked="" type="checkbox"/> Lower glume: extent of internal hair	weak	medium	medium
<input checked="" type="checkbox"/> Lowest lemma: beak shape	slightly curved	straight	straight

<input type="checkbox"/>	Grain: colouration with phenol	light to medium	light to medium	light to medium
<input type="checkbox"/>	*Seasonal type:	spring type	spring type	spring type

Characteristics Additional to the Descriptor/TG

Organ/Plant Part: Context		‘SUN404B’	*‘Sunbrook’	*‘Sunstate’
<input checked="" type="checkbox"/>	Stripe rust gene Yr17:	present	absent	present
<input type="checkbox"/>	Leaf rust gene Lr13:	present	present	present
<input checked="" type="checkbox"/>	stem rust gene Sr38:	present	absent	present
<input checked="" type="checkbox"/>	Leaf rust gene Lr37:	present	absent	present
<input type="checkbox"/>	Stem rust gene Sr2:	present	present	present
<input type="checkbox"/>	Leaf rust gene Lr1:	present	present	present
<input type="checkbox"/>	Stripe rust gene YrAPR:	present	present	present

Statistical Table

Organ/Plant Part: Context		‘SUN404B’	*‘Sunbrook’	*‘Sunstate’
<input checked="" type="checkbox"/>	Plant length (mm)			
	Mean	784.25	878.50	768.50
	Std. Deviation	95.19	92.24	38.84
	LSD/sig	62.33	P≤0.01	ns
<input checked="" type="checkbox"/>	Ear length (mm)			
	Mean	115.28	116.40	127.00
	Std. Deviation	7.67	13.96	10.18
	LSD/sig	10.01	ns	P≤0.01

Prior Applications and Sales

Nil.

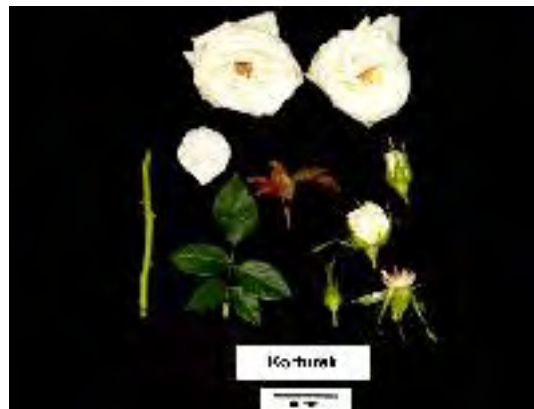
Description: **Stephen Moore**, Plant Breeding Institute, Narrabri, NSW.

Plant Varieties Journal - Search Result Details**Rose (*Rosa hybrid*)****Variety:** 'Korturek'**Synonym:** N/A**Application no:** 2002/307**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 16-Oct-2002**Accepted:** 13-Dec-2002**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG**Agent:** Treloar Roses Pty Ltd**Telephone:** 0355292367**Fax:** 0355292511

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



Rosa hybrid

Rose

‘Korturek’

Application No: 2002/307 Accepted: 13 Dec 2002.

Applicant: **W. Kordes’ Sohne Rosenschulen GmbH & Co KG**, Offenseth-Sparrieshoop, Germany.

Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

Characteristics Plant: growth habit narrow bushy, height medium, width narrow. Young shoot: anthocyanin colouration medium to strong, hue of anthocyanin colouration reddish brown. Prickles: present, shape of lower side concave to flat. Short prickles: number absent or very few. Long prickles: number few to medium. Leaf: (size medium), green colour light to medium, glossiness of upper side (weak to) medium. Leaflet: cross section slight concave, undulation of margin absent or very weak (to weak). Terminal leaflet: length of blade long (mean 77.4mm std deviation 9.6), width of blade broad (mean 44.3mm std deviation 4.4), shape of base rounded. Flowering shoot: number of flowers medium (very few to few). Flower pedicel: number of hairs or prickles medium. Flower bud: shape of longitudinal section ovate. Flower: type double, colour white, number of petals few to medium, diameter medium to large (mean 93.8mm std deviation 3.3), view from above irregularly rounded, side view of upper part flat, side view of lower part flat (to flattened convex), fragrance weak. Sepal: (length mean 38.0mm std deviation 4.9), extensions weak. Petal: (size medium), colour of middle zone of inner side white near RHS 155C, colour of marginal zone of inner side white near RHS 155C, spot at base of inner side absent, colour of middle zone of outer side white near RHS 155B, colour of marginal zone of outer side white near RHS 155B, spot at base of outer side absent, reflexing of margin weak (to medium), undulation of margin weak. Outer stamen: predominant colour of filament pink. (Style: predominant colour pink). Seed vessel: size at petal fall (small to medium). (Hip: shape of longitudinal section pitcher-shaped). (Flowering habit: almost continuous flowering). (values within parenthesis from local observations. RHS colour chart refers to 2001 edition.)

Origin and Breeding Controlled pollination: seed parent ‘Kormodika’ syn Naina x pollen parent ‘Korsulas’ syn Limona (1997/203). The seed parent is characterised by soft pink flower colour. The pollen parent is characterised by pale creamy white flower colour. In spring/summer pollen from ‘Korsulas’ syn Limona was applied to a flower of ‘Kormodika’ syn Naina. The hip produced remained on the bush until autumn, when harvested and shelled. The seeds collected were planted under greenhouse conditions and these germinated in late winter and seedlings flowered three months later. The new variety was selected from within the seedling population and grown-on for many growth seasons to establish its floral characteristics and growth behaviour. Selection criteria: introduction of better cut-flower varieties. Propagation: by shoot cuttings and has proved stable through at least five generations. Breeder: Wilhelm Kordes, Sparrieshoop, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Plant: growth type bed rose. Flower main colour group; white. Based on these grouping characteristics, the pollen parent ‘Korsulas’ syn Limona was selected as the closest comparator by the breeder and qualified person. It differed from ‘Korturek’ in that flowers colour pale creamy white near RHS 8D, and leaf glossiness weak. The seed parent ‘Kormodika’ syn Naina had flower colour a soft pink. ‘Iceberg’ syn Korbin was rejected as comparator in that growth type floribunda, leaf glossiness medium to strong, leaf cross-section concave, leaf base obtuse, flower pedicel number of hairs and prickles many, flower bud narrow ovate to ovate, petal reflexing of margin nil to weak, and petal margin undulations medium to strong. No other variety of common knowledge was identified by the qualified person to have characteristics identical to ‘Korturek’.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, Plant Research Institute, Wageningen, The Netherlands, Reference number R00 2822 and confirmed

from local examination. The comparative study was conducted at Portland, Victoria. Conditions: the roses were grown in the open in a well structured loamy clay. Sound farm management practices ensured the roses grew to their full potential under both minimum stress and high health conditions. 'Korturek' was budded in early summer onto 10 month-old *Rosa multiflora* rootstocks. Observations and measurements were made at random in autumn on two year-old plants growing in double rows along with other varieties.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
EU	2000	Granted	'Korturek'
Colombia	2001	Granted	'Korturek'
Israel	2001	Granted	'Korturek'
Japan	2001	Applied	'Korturek'
Republic of Korea	2002	Granted	'Korturek'
Norway	2001	Granted	'Korturek'
Poland	2002	Granted	'Korturek'
South Africa	2001	Granted	'Korturek'

First sold in The Netherlands Dec 2000.

Description: **Brian C Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Plant Varieties Journal - Search Result Details**Rose (*Rosa hybrid*)****Variety:** 'Korassenet'**Synonym:** N/A**Application no:** 2003/152**Current status:** ACCEPTED**Certificate no:** N/A**Received:** 20-Jun-2003**Accepted:** 19-Sep-2003**Granted:** N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG**Agent:** Treloar Roses Pty Ltd**Telephone:** 0355292367**Fax:** 0355292511

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



Rosa hybrid

Rose

‘Korassenet’

Application No: 2003/152 Accepted: 19 Sep 2003.

Applicant: **W. Kordes’ Sohne Rosenschulen GmbH & Co KG**, Offenseth-Sparrieshoop, Germany.

Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

Characteristics Plant: growth habit bushy to broad bushy. Young shoot: anthocyanin colouration weak to medium (strong), hue of anthocyanin colouration reddish brown. Prickles: present, shape of lower side concave. Short prickles: number absent or very few. Long prickles: number few to medium. Leaf: size medium, green colour dark, glossiness of upper side medium. Leaflet: cross section flat, undulation of margin weak (to medium). Terminal leaflet: length of blade medium to long (mean 55.4mm std deviation 3.2), width of blade medium (mean 32.3mm std deviation 1.7), shape of base obtuse. Flowering shoot: number of flowers very few to few. Flower pedicel: number of hairs or prickles few. Flower bud: shape of longitudinal section broad-ovate. Flower: type double, number of petals few to medium, diameter medium (mean 94.2mm std deviation 7.5), view from above irregularly rounded, side view of upper part flattened convex, side view of lower part concave, fragrance weak. Sepal: (length mean 24.5mm std deviation 0.8), extensions weak. Petal: size medium, colour of middle of zone inner side orange-red to red group near RHS 32A/40A, colour of marginal zone of inner side red RHS 40A, spot at base inner side present, size of spot at base of inner side medium to large, colour of spot at base of inner side yellow RHS 7A (RHS 8A), colour of middle zone of outer side yellow-orange near RHS 18A (RHS 18B), colour of marginal zone of outer side yellow-orange near RHS 18A/24D, (RHS 24D), spot at base of outer side present, size of spot at base of outer side medium, colour of spot at base of outer side yellow RHS 3B (RHS 8A), reflexing of margin weak to medium, undulation of margin weak to medium. Outer stamen: predominant colour of filament yellow. (Style: predominant colour of filament yellow. Stigma: height in relation to anther below). Seed vessel: size at petal fall small to medium. Hip: shape of longitudinal section pitcher-shaped. Flowering habit: almost continuous flowering. (values within parenthesis from local observations. RHS colour chart refers to 2001 edition.)

Origin and Breeding Controlled pollination: seed parent ‘Bernsteinrose’ x pollen parent (seedling x ‘Korimro’ syn Immensee). The seed parent is characterised by deep yellow flower colour. The pollen parent is a breeding selection in breeder’s private collection. In spring/summer pollen from seedling x ‘Korimro’ syn Immensee was applied to a flower of ‘Bernsteinrose’. The hip produced remained on the bush until autumn, when harvested and shelled. The seeds collected were planted under greenhouse conditions in late winter and seedlings flowered three months later. The new variety was selected from within the seedling population and grown under outdoor conditions for a number of growth seasons to establish its floral characteristics and growth behaviour. Selection criteria: improved garden shrub rose, flower colour, and bicoloured petal. Propagation: by shoot cuttings and ‘Korassenet’ proved genetically stable through a minimum of five generations. Breeder: Wilhelm Kordes, Sparrieshoop, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour group orange blend, and plant growth type compact shrub rose. Based of these grouping characteristics, the variety ‘Kortanken’ syn Domstadt Fulda (1996/082) was selected as the closest comparator by the breeder and qualified person. It differed from ‘Korassenet’ in having petal colour inside surface vibrant orange red, and outside surface red. The seed parent ‘Bernsteinrose’ syn Taneitbar had deep yellow flowers. The pollen parent seedling x Immensee was a private breeding line of Kordes. No other variety of common knowledge was identified by the qualified person to have characteristics identical to ‘Korassenet’.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, Bundessortenamt, Prüf stelle, Rethmar, Reference number ROS 2076 and confirmed from local examination. The comparative study conducted at Portland, Victoria. Conditions: the roses were grown in the open in a well structured loamy clay. Sound farm management practices ensured the roses grew to their full potential under both minimum stress and high health conditions. ‘Korassenet’ was budded in early summer onto 10 month-old *Rosa multiflora* rootstocks. Observations and measurements were made at random in autumn on two year-old plants growing in double rows along with other varieties.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Germany	2000	Granted	‘Korassenet’
EU	2000	Granted	‘Korassenet’

First overseas sale Germany Oct 2001. First Australian sale Jun 2002.

Description: **Brian C Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Plant Varieties Journal - Search Result Details**Rose (*Rosa hybrid*)**

Variety: 'Korkinteral'
Synonym: N/A

Application no: 2003/151
Current status: ACCEPTED
Certificate no: N/A
Received: 20-Jun-2003
Accepted: 19-Sep-2003
Granted: N/A

**Description
published in
Plant Varieties
Journal:** Volume 18, Issue 2

Title Holder: W. Kordes' Sohne Rosenschulen GmbH & Co KG
Agent: Treloar Roses Pty Ltd
Telephone: 0355292367
Fax: 0355292511

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



Rosa hybrid

Rose

‘Korkinteral’

Application No: 2003/151 Accepted: 19 Sep 2003.

Applicant: **W. Kordes’ Sohne Rosenschulen GmbH & Co KG**, Offenseth-Sparrieshoop, Germany.

Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

Characteristics Plant: growth habit bushy. Young shoot: anthocyanin colouration (medium to) strong, hue of anthocyanin colouration reddish brown. Prickles: present, shape of lower side deep concave (to concave). Short prickles: number absent or very few to few. Long prickles: number medium to many. Leaf: size medium to large, green colour dark, glossiness of upper side weak. Leaflet: cross section slight convex, undulation of margin weak to medium. Terminal leaflet: length of blade medium (to long) (mean 63.3mm std deviation 8.5), width of blade narrow to medium (mean 41.2mm std deviation 3.5), shape of base rounded. Flowering shoot: number of flowers few. Flower pedicel: number of hairs or prickles medium. Flower bud: shape of longitudinal section broad-ovate. Flower: type double, colour yellow-orange blend, number of petals few to medium, diameter medium to large (mean 98.1mm std deviation 5.8), view from above irregularly rounded, side view of upper part flat, side view of lower part concave, fragrance weak. Sepal: (length mean 29.0mm std deviation 1.9), extensions absent or very weak to weak. Petal: size medium, colour of middle zone of inner side yellow orange RHS 18B-20C, colour of marginal zone of inner side yellow orange RHS 18B, spot at base of inner side present, size of spot at base of inner side medium, colour of spot at base of inner side yellow RHS 6C, colour of middle zone of outer side pale orange red RHS 31D-33D, colour of marginal zone of outer side orange yellow RHS 18C-29C, spot at base outer side present, size of spot at base of outer side small to medium, colour of spot at base of outer side yellow RHS 6B, reflexing of margin medium, undulation of margin weak to medium. Outer stamen: predominant colour of filament yellow. (Style: predominant colour pinkish yellow. Stigma: height in relation to anther below). Seed vessel: size at petal fall medium. Hip: shape of longitudinal section pitcher-shaped. Flowering habit: almost continuous flowering. (values within parenthesis from local observations. RHS colour chart refers to 2001 edition.)

Origin and Breeding Controlled pollination: seed parent ‘Korrüge’ syn Rugelda x pollen parent (‘Westerland’ x seedling). The seed parent is characterised by light yellow flower colour and petal margins with reddish tinge. The pollen parent is a breeding selection in breeder’s private collection. In spring/summer pollen from ‘Westerland’ x seedling was applied to a flower of ‘Korrüge’ syn Rugelda. The hip produced remained on the bush until autumn, when harvested and shelled. The seeds collected were planted under greenhouse conditions in late winter and seedlings flowered three months later in spring. The new variety was selected from within the seedling population and grown under outdoor conditions for a number of growth seasons to establish its floral characteristics and growth behaviour. Selection criteria: improved garden shrub rose, and flower colour. Propagation: by shoot cuttings and has proved genetically stable through a minimum of five generations. Breeder: Wilhelm Kordes, Sparrieshoop, Germany.

Choice of Comparators The main grouping characteristics used in identifying the most similar varieties of common knowledge were – Flower: main colour yellow-orange to orange grouping, and plant growth type shrub rose. Based of these grouping characteristics, the variety ‘Korbacol’ syn Texas (1994/092) was selected as the closest comparator by the breeder and qualified person. It differed from ‘Korkinteral’ in having flowers a deep yellow colour. The seed parent ‘Korrüge’ syn Rugelda had light yellow flowers and petal margins with reddish tinge. The pollen parent ‘Westerland’ x seedling had coppery-orange flowers. No other variety of common knowledge was identified by the qualified person to have characteristics identical to ‘Korkinteral’.

Comparative Trial The detailed description is based on UPOV Report of Technical Examination, Bundessortenamt, Prüfstelle, Rethmar, Reference number ROS 2082 and confirmed from local examination. The comparative study was conducted at Portland, Victoria. Conditions: the roses were grown in the open in a well structured loamy clay. Sound farm management practices ensured the roses grew to their full potential under both minimum stress and high health conditions. ‘Korkinteral’ was budded in early summer onto 10 month-old *Rosa multiflora* rootstocks. Observations and measurements were made at random in autumn on two year-old plants growing in double rows along with other varieties.

Prior Applications and Sales

Country	Year	Current Status	Name Applied
Germany	2000	Granted	‘Korkinteral’
EU	2000	Granted	‘Korkinteral’

First overseas sale Germany Oct 2001. First Australian sale Jun 2002.

Description: **Brian C Hanger**, Rosemary Ridge Pty Ltd, Wantirna, VIC.

Plant Varieties Journal - Search Result Details

Peach (*Prunus persica*)

Variety: 'SNOW FIRE'
Synonym: N/A

Application no: 1999/219
Current status: ACCEPTED
Certificate no: N/A
Received: 05-Aug-1999
Accepted: 23-Sep-1999
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

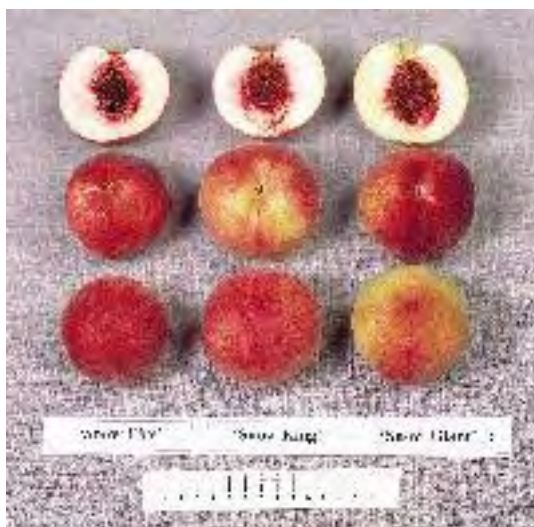
Title Holder: Zaiger's Inc. Genetics

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

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



Details of Application

Application Number	1999/219
Variety Name	'Snow Fire'
Genus Species	<i>Prunus persica</i>
Common Name	Peach
Synonym	Nil
Accepted Date	23 Sep 1999
Applicant	Zaiger's Inc. Genetics, Modesto, California, USA.
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC.
Qualified Person	Graham Fleming

Details of Comparative Trial

Overseas Testing Authority	U.S. Patent Office
Overseas Data Reference Number	Plant 9,470
Location	Where possible the overseas data was verified under local conditions in Monbulk, VIC.
Descriptor	TG/53/6
Period	Mid April 2005
Conditions	Rootstock was planted into orchard rows where the candidate then grafted onto the stock in-situ. The scion was allowed to grow until a crop was established. All trees are healthy and growing evenly with no obvious signs of disease or stress.
Trial Design	Randomly planted orchard
Measurements	From all trial plants
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The present new variety of peach tree was developed by Zaiger's Inc. Genetics in their experimental orchard located near Modesto, California, as a first generation cross between two selected seedlings with the field identification Nos. 108ED290 and 161GD199. The female parent with the field identification No. 108ED290 originated from a cross of a seedling selection identified as 24GA764 (('Red Grand' Nectarine (U.S. Plant Pat. No. 1,060) x 'Redwing' Peach (U.S. Plant Pat. No. 621)) crossed with 'Sugar Lady' Peach (U.S. Plant Pat. No. 7,532). The pollen parent 161GD199 originated from a cross of 'Ruby Gold' Nectarine (U.S. Plant Pat. No. 3,101) x 'Redwing' Peach (U.S. Plant Pat. No. 621). Zaiger's Inc. Genetics grew and maintained a large group of these first generation seedlings under close observation and one such seedling, which is the present variety, having especially desirable fruit characteristics was selected for asexually propagation and commercialisation. Breeder: Chris Floyd Zaiger, Modesto, California, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Fruit	maturity	mid season
Fruit	over colour	pinkish-red
Fruit	flesh	white
Fruit	flavour	sub-acid
Fruit	maturity	mid season

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
‘Snow King’	Matures approximately 10 days before ‘Snow Fire’.
‘Snow Giant’	Matures 2 days before ‘Snow Fire.’

Varieties of Common Knowledge identified above and subsequently excluded

Variety	Distinguishing Characteristics	State of expression in Candidate variety	State of expression in comparator variety	Comments
	Organ/Plant PartContext			
‘Snow Giant’	Fruit	Extent of over colour	very large medium	‘Snow Giant’ was excluded on the basis of less over colour on fruit

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	‘Snow Fire’	*‘Snow King’
<input type="checkbox"/> *Tree: size	large	large
<input type="checkbox"/> Tree: vigour	strong to very strong	strong to very strong
<input type="checkbox"/> *Tree: habit	upright	upright
<input type="checkbox"/> *Flowering shoot: intensity of anthocyanin colouration	absent	
<input type="checkbox"/> *Flowering shoot: anthocyanin colouration	very weak to weak	
<input type="checkbox"/> *Flower: type	showy	showy
<input checked="" type="checkbox"/> *Corolla: predominant colour	light pink	medium pink
<input type="checkbox"/> *Petal: size	large	large
<input type="checkbox"/> *Anthers: pollen	present	present
<input checked="" type="checkbox"/> *Leaf blade: length	long to very long	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium
<input type="checkbox"/> *Leaf blade: ratio	large	large
<input type="checkbox"/> Petiole: length	medium	medium

<input type="checkbox"/>	*Petiole: nectaries	present	present
<input type="checkbox"/>	*Petiole: shape of nectaries	reniform	reniform
<input checked="" type="checkbox"/>	Petiole: predominant number of nectaries	more than two	two
<input type="checkbox"/>	*Fruit: size	large	large
<input type="checkbox"/>	*Fruit: shape	round	round
<input type="checkbox"/>	*Fruit: shape of pistil end	weakly pointed	weakly pointed
<input type="checkbox"/>	*Fruit: ground colour	cream	cream white
<input type="checkbox"/>	*Fruit: extent of over colour	very large	large to very large
<input type="checkbox"/>	Fruit: thickness of skin	medium	medium
<input type="checkbox"/>	*Fruit: firmness of flesh	firm	firm
<input type="checkbox"/>	*Fruit: ground colour of flesh	white	white
<input type="checkbox"/>	*Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: anthocyanin colouration of flesh	absent or very weakly expressed	absent or very weakly expressed
<input type="checkbox"/>	*Fruit: anthocyanin colouration around stone	weakly expressed	weakly expressed
<input checked="" type="checkbox"/>	*Stone: shape	obovate	elliptic
<input type="checkbox"/>	*Stone: adherence to flesh	absent	absent
<input checked="" type="checkbox"/>	*Time of: maturity	medium to late	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	1995	Granted	‘Snow Fire’

First sold in the USA in Mar 1996.

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

Plant Varieties Journal - Search Result Details**Peach (*Prunus persica*)**

Variety: 'AUTUMN SNOW'
Synonym: YUKON KING

Application no: 1999/181
Current status: ACCEPTED
Certificate no: N/A
Received: 28-Jun-1999
Accepted: 12-Jul-1999
Granted: N/A

Description published in Plant Varieties Journal: Volume 18, Issue 2

Title Holder: Zaiger's Inc. Genetics

Agent: Fleming's Nurseries & Associates Pty Ltd

Telephone: 0397566105

Fax: 0397520005

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



Prunus persica 'Autumn Snow'

Details of Application

Application Number	1999/181
Variety Name	'Autumn Snow'
Genus Species	<i>Prunus persica</i>
Common Name	Peach
Synonym	Yukon King
Accepted Date	12 Jul 1999
Applicant	Zaiger's Inc. Genetics, Modesto, California, USA.
Agent	Fleming's Nurseries & Associates Pty Ltd, Monbulk, VIC.
Qualified Person	Graham Fleming

Details of Comparative Trial

Overseas Testing Authority	U.S. Patent Office
Overseas Data Reference Number	Plant 9,872
Location	Where possible the overseas data was verified under local conditions in Monbulk, VIC.
Descriptor	TG/53/6
Period	Mid April 2005
Conditions	Rootstock was planted into orchard rows where the candidate then grafted onto the stock in-situ. The scion was allowed to grow until a crop was established. All trees are healthy and growing evenly with no obvious signs of disease or stress.
Trial Design	Randomly planted orchard
Measurements	From all trial plants
RHS Chart - edition	N/A

Origin and Breeding

Controlled pollination: The present new and distinct variety of peach tree was originated by Zaiger's Inc. Genetics in their experimental orchard located near Modesto, California, as a first generation cross between two selected seedlings with field identification numbers 107ED101 and 97GF518. Both the seed parent (107ED101) and the pollen parent (97GF518) originated as open pollinated 'Snow Giant' Peach (U.S. Plant Pat. No. 8,085) seedlings. A large group of these first generation seedlings were grown under careful observation, during which time the present variety exhibited the desirable fruit characteristics described above and was selected for asexual propagation and commercialisation. Breeder: Chris Floyd Zaiger, Modesto, California, USA.

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

Organ/Plant Part	Context	State of Expression in Group of Varieties
Flesh	colour	white
Fruit	flavour	subacid
Fruit	maturity	medium to late

Most Similar Varieties of Common Knowledge identified (VCK)

Name	Comments
'Snow Giant'	Matures 10 days earlier than 'Autumn Snow' and is subacid
'September Snow'	Matures 10 days after 'Autumn Snow' and is subacid

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 Snow'	*'September Snow'	*'Snow Giant'
<input type="checkbox"/> *Tree: size	large	large	large
<input type="checkbox"/> *Tree: habit	upright	upright	upright
<input type="checkbox"/> *Flower: type	showy	non showy	showy
<input type="checkbox"/> *Corolla: predominant colour	medium pink	medium pink	medium pink
<input type="checkbox"/> *Leaf blade: length	medium	medium	medium
<input type="checkbox"/> *Leaf blade: width	medium	medium	medium
<input type="checkbox"/> *Leaf blade: ratio	large	large	large
<input type="checkbox"/> *Petiole: nectaries	present	present	present
<input checked="" type="checkbox"/> *Petiole: shape of nectaries	reniform	reniform	round
<input type="checkbox"/> *Fruit: size	large	large	large
<input type="checkbox"/> *Fruit: shape	round	round	round
<input type="checkbox"/> *Fruit: shape of pistil end	weakly pointed	weakly pointed	weakly pointed
<input type="checkbox"/> *Fruit: ground colour	cream white	cream green	cream
<input type="checkbox"/> Fruit: over colour	present	present	present
<input type="checkbox"/> Fruit: hue of over colour	pink red	light red	pink red
<input type="checkbox"/> *Fruit: pattern of over colour	solid flush		
<input checked="" type="checkbox"/> *Fruit: extent of over colour	medium to large	medium to large	small to medium
<input type="checkbox"/> *Fruit: pubescence	present	present	present
<input type="checkbox"/> *Fruit: firmness of flesh	firm	firm	firm
<input type="checkbox"/> *Fruit: ground colour of flesh	white	white	white
<input type="checkbox"/> *Fruit: anthocyanin colouration directly under skin	absent or very weakly expressed	absent or very weakly expressed	absent or very weakly expressed

<input type="checkbox"/>	*Fruit: anthocyanin colouration of flesh	weakly expressed	weakly expressed	weakly expressed
<input type="checkbox"/>	*Fruit: anthocyanin colouration around stone	strongly expressed	weakly expressed	strongly expressed
<input type="checkbox"/>	*Stone: size compared to fruit	medium to large	large	large
<input type="checkbox"/>	*Stone: shape	elliptic	elliptic	elliptic
<input type="checkbox"/>	*Stone: adherence to flesh	absent	absent	absent
<input checked="" type="checkbox"/>	*Time of: maturity	medium to late	late	medium

Prior Applications and Sales

Country	Year	Current Status	Name Applied
USA	1996	Granted	‘Autumn Snow’

First sold in the USA in April 1997.

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

GRANTS

Anubias barteri

ANUBIAS

‘Jenny’^Φ

Application No: 2003/345 Grantee: **Edwin J Frazer**, Kenmore, QLD.
Certificate No: 2765 Expiry Date: 2 June 2025.

‘Lorraine’^Φ

Application No: 2003/344 Grantee: **Edwin J Frazer**, Kenmore, QLD.
Certificate No: 2764 Expiry Date: 2 June 2025.

‘Isabelle’^Φ

Application No: 2003/346 Grantee: **Edwin J Frazer**, Kenmore, QLD.
Certificate No: 2766 Expiry Date: 2 June 2025.

‘Lisa’^Φ

Application No: 2003/347 Grantee: **Edwin J Frazer**, Kenmore, QLD.
Certificate No: 2767 Expiry Date: 2 June 2025.

‘Paco’^Φ

Application No: 2003/343 Grantee: **Edwin J Frazer**, Kenmore, QLD.
Certificate No: 2763 Expiry Date: 2 June 2025.

Arachis hypogaea

PEANUT, GROUND NUT

‘GP-1’^Φ syn Deakin^Φ

Application No: 2003/318 Grantee: **University of Florida Agricultural Experiment Station**.
Certificate No: 2815 Expiry Date: 15 June 2025.
Agent: **Peanut Company of Australia Limited**, Kingaroy, QLD.

‘UF98214’^Φ syn Forde^Φ

Application No: 2003/315 Grantee: **University of Florida Agricultural Experiment Station**.
Certificate No: 2807 Expiry Date: 15 June 2025.
Agent: **Peanut Company of Australia Limited**, Kingaroy, QLD.

‘UF98509’^Φ syn Holt^Φ

Application No: 2003/317 Grantee: **University of Florida Agricultural Experiment Station**.
Certificate No: 2806 Expiry Date: 15 June 2025.
Agent: **Peanut Company of Australia Limited**, Kingaroy, QLD.

Argyranthemum frutescens

MARGUERITE DAISY

‘Supajay’^Φ

Application No: 2001/203 Grantee: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.
Certificate No: 2776 Expiry Date: 3 June 2025.

‘Supamore’^Φ

Application No: 2001/202 Grantee: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.
Certificate No: 2775 Expiry Date: 3 June 2025.

Bougainvillea glabra

BOUGAINVILLEA

‘Purple Patch’^Φ

Application No: 2002/219 Grantee: **Mr John Prince and Mr Aaron Ziebell**.
Certificate No: 2786 Expiry Date: 3 June 2025.
Agent: **Colourstream Group Inc**, Doolandella, QLD.

Bougainvillea hybrid

BOUGAINVILLEA

‘Sirene’^Φ

Application No: 2002/220 Grantee: **Mr George Richter**.
Certificate No: 2783 Expiry Date: 3 June 2025.
Agent: **Mr John Prince and Mr Aaron Ziebell**, Currumbin Valley, QLD.

Calibrachoa hybrid

CALIBRACHOA

‘KLEC00066’^ϕ

Application No: 2002/148 Grantee: **Nils Klemm**.

Certificate No: 2781 Expiry Date: 3 June 2025.

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

‘KLEC00072’^ϕ syn Selecta Red^ϕ

Application No: 2001/337 Grantee: **Nils Klemm**.

Certificate No: 2779 Expiry Date: 3 June 2025.

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

‘Sunbelkufepi’^ϕ syn Trailing Plum^ϕ

Application No: 2002/217 Grantee: **Suntory Flowers Limited**.

Certificate No: 2782 Expiry Date: 3 June 2025.

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

Carthamus tinctorius

SAFFLOWER

‘CW 99-OL’^ϕ

Application No: 2003/120 Grantee: **Cal/West Seeds**.

Certificate No: 2796 Expiry Date: 15 June 2025.

Agent: **Adams Australia Pty Ltd**, Morpeth, NSW.

Corymbia maculata

SPOTTED GUM

‘Jessica's Jewel’^ϕ

Application No: 2000/325 Grantee: **Mark Andrew Hartley**, Shanes Park, NSW.

Certificate No: 2774 Expiry Date: 3 June 2025.

Fragaria xananassa

STRAWBERRY

‘Aromas’^ϕ

Application No: 2000/160 Grantee: **The Regents of the University of California**.

Certificate No: 2791 Expiry Date: 14 June 2025.

Agent: **Kim Syrus**, Myponga, SA.

‘Diamante’^ϕ

Application No: 1999/066 Grantee: **The Regents of the University of California**.

Certificate No: 2790 Expiry Date: 14 June 2025.
Agent: **Kim Syrus**, Myponga, SA.

‘DPI Rubygem’^ϕ

Application No: 2003/355 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries and Horticulture Australia Limited.**
Certificate No: 2810 Expiry Date: 14 June 2025.
Agent: **State of Queensland through its Department of Primary Industries and Fisheries**, Brisbane, QLD.

‘DPI Twotwelve’^ϕ

Application No: 2003/270 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries and Horticulture Australia Limited.**
Certificate No: 2809 Expiry Date: 14 June 2025.
Agent: **State of Queensland through its Department of Primary Industries and Fisheries**, Brisbane, QLD.

‘Gaviota’^ϕ

Application No: 1999/065 Grantee: **The Regents of the University of California.**
Certificate No: 2789 Expiry Date: 14 June 2025.
Agent: **Kim Syrus**, Myponga, SA.

‘QHI Crimsonglow’^ϕ

Application No: 2003/277 Grantee: **State of Queensland through its Department of Primary Industries and Fisheries and Horticulture Australia Limited.**
Certificate No: 2808 Expiry Date: 14 June 2025.
Agent: **State of Queensland through its Department of Primary Industries and Fisheries**, Brisbane, QLD.

Impatiens walleriana

BUSY LIZZIE

‘Balfiepuna’^ϕ syn Fiesta Purple Pinnata^ϕ

Application No: 2002/186 Grantee: **Ball Horticultural Company.**
Certificate No: 2780 Expiry Date: 3 June 2025.
Agent: **Oasis Horticulture Pty Ltd**, Winmalee, NSW.

Lavandula stoechas

ITALIAN LAVENDER

‘Bee Bold’^ϕ

Application No: 2001/320 Grantee: **RJ Cherry**, Kulnura, NSW.
Certificate No: 2738 Expiry Date: 27 May 2025.

‘BEE BRIGHT’^φ

Application No: 1999/259 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2734 Expiry Date: 27 May 2025.

‘BEE BRILLIANT’^φ

Application No: 1999/260 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2735 Expiry Date: 27 May 2025.

‘BEE COOL’^φ

Application No: 1999/262 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2737 Expiry Date: 27 May 2025.

‘Bee Fantastic’^φ

Application No: 2002/255 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2741 Expiry Date: 27 May 2025.

‘BEE HAPPY’^φ

Application No: 1999/261 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2736 Expiry Date: 27 May 2025.

‘Bee Pretty’^φ

Application No: 2002/140 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2740 Expiry Date: 27 May 2025.

‘Bee Sweet’^φ

Application No: 2001/321 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2739 Expiry Date: 27 May 2025.

‘BELLA MAUVE’^φ

Application No: 1999/258 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2733 Expiry Date: 27 May 2025.

‘Bella Musk’^φ

Application No: 2002/256 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2742 Expiry Date: 27 May 2025.

‘BELLA PINK’^φ

Application No: 1999/256 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2731 Expiry Date: 27 May 2025.

‘BELLA PURPLE’^ϕ

Application No: 1999/257 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2732 Expiry Date: 27 May 2025.

‘Bellaros’^ϕ

Application No: 2002/257 Grantee: **RJ Cherry**, Kulnura, NSW.
 Certificate No: 2743 Expiry Date: 27 May 2025.

Lilium hybrid

LILY

‘Cherbourg’^ϕ

Application No: 2003/262 Grantee: **Vletter & Den Haan Beheer B.V.**
 Certificate No: 2753 Expiry Date: 2 June 2025.
 Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

‘Loire’^ϕ

Application No: 2003/263 Grantee: **Vletter & Den Haan Beheer B.V.**
 Certificate No: 2754 Expiry Date: 2 June 2025.
 Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

‘Santander’^ϕ

Application No: 2003/265 Grantee: **Vletter & Den Haan Beheer B.V.**
 Certificate No: 2784 Expiry Date: 2 June 2025.
 Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

‘TARRAGONA’^ϕ

Application No: 2002/044 Grantee: **Vletter & Den Haan Beheer B.V.**
 Certificate No: 2751 Expiry Date: 2 June 2025.
 Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

‘Trumao’^ϕ

Application No: 2003/266 Grantee: **Vletter & Den Haan Beheer B.V.**
 Certificate No: 2755 Expiry Date: 2 June 2025.
 Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

‘Valdivia’^ϕ

Application No: 2003/267 Grantee: **Vletter & Den Haan Beheer B.V.**
 Certificate No: 2756 Expiry Date: 2 June 2025.
 Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

‘WINDSOR’^ϕ syn VLETWIN^ϕ

Application No: 2002/045 Grantee: **Vletter & Den Haan Beheer B.V.**
 Certificate No: 2752 Expiry Date: 2 June 2025.
 Agent: **Watermark - Patent & Trademark Attorneys**, Hawthorn, VIC.

Malus domestica

APPLE

‘HUASHUAI’^ϕ

Application No: 1996/273 Grantee: **Professor Wang Yu-Lin**.
 Certificate No: 2787 Expiry Date: 14 June 2030.
 Agent: **Spruson & Ferguson**, Sydney, NSW.

Nemesia caerulea

NEMESIA

‘Balarcomwit’^ϕ

Application No: 2004/028 Grantee: **Ball Horticultural Company**.
 Certificate No: 2813 Expiry Date: 15 June 2025.
 Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Balarlipi’^ϕ

Application No: 2002/360 Grantee: **Ball Horticultural Company**.
 Certificate No: 2793 Expiry Date: 16 June 2025.
 Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

‘Confetti Purple’^ϕ

Application No: 2003/092 Grantee: **Plant Growers Australia Pty Ltd**, Wonga Park, VIC.
 Certificate No: 2795 Expiry Date: 15 June 2025.

‘Confetti White’^ϕ

Application No: 2003/090 Grantee: **Plant Growers Australia Pty Ltd**, Wonga Park, VIC.
 Certificate No: 2794 Expiry Date: 15 June 2025.

Ornithopus sativus

FRENCH SERRADELLA

‘Erica’^ϕ

Application No: 2003/203 Grantee: **State of Western Australia through its Department of Agriculture, Grains Research and Development Corporation, Murdoch University and Australian Wool Innovation Limited**.
 Certificate No: 2797 Expiry Date: 15 June 2025.
 Agent: **State of Western Australia through its Department of Agriculture**, South Perth, WA.

‘Margurita’^Φ

Application No: 2003/206 Grantee: **State of Western Australia through its Department of Agriculture, Grains Research and Development Corporation, Murdoch University and Australian Wool Innovation Limited.**

Certificate No: 2798 Expiry Date: 15 June 2025.

Agent: **State of Western Australia through its Department of Agriculture**, South Perth, WA.

Ozothamnus diosmifolius

RICEFLOWER

‘Adelaide Pink’^Φ

Application No: 1999/298 Grantee: **Minister for Agriculture, Food and Fisheries Adelaide, SA. and Oren and Ronit Zeevi trading as State Flora Australia**, Adelaide, SA.

Certificate No: 2758 Expiry Date: 2 June 2025.

‘Adelaide White’^Φ

Application No: 1999/297 Grantee: **Minister for Agriculture, Food and Fisheries Adelaide, SA. and Oren and Ronit Zeevi trading as State Flora Australia**, Adelaide, SA.

Certificate No: 2785 Expiry Date: 3 June 2025.

‘BLUE EVE’^Φ

Application No: 1999/362 Grantee: **Enviroseeds Pty Ltd**, Mt Crosby, QLD.

Certificate No: 2770 Expiry Date: 3 June 2025.

Pelargonium zonale

ZONAL PELARGONIUM, GARDEN GERANIUM

‘Kleored’^Φ syn True Love^Φ

Application No: 2001/240 Grantee: **Klemm + Sohn GmbH & Co. KG.**

Certificate No: 2778 Expiry Date: 3 June 2025.

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

Protea aristata x Protea repens

PROTEA

‘Venus’^Φ

Application No: 2001/220 Grantee: **C.S.M. Michel.**

Certificate No: 2777 Expiry Date: 3 June 2025.

Agent: **Proteaflorea Enterprises**, Monbulk, VIC.

Prunus persica var. nucipersica

NECTARINE

‘Candypearl’^ϕ syn Candyice^ϕ

Application No: 2003/309 Grantee: **Lowell G. Bradford.**

Certificate No: 2799 Expiry Date: 15 June 2030.

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

‘Diamond Pearl’^ϕ syn Diamond Ice^ϕ

Application No: 2003/310 Grantee: **Lowell G. Bradford.**

Certificate No: 2800 Expiry Date: 16 June 2030.

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

‘Grandcandy’^ϕ

Application No: 2003/312 Grantee: **Lowell G. Bradford.**

Certificate No: 2802 Expiry Date: 16 June 2030.

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

‘Ruby Bright’^ϕ syn Red Bright^ϕ

Application No: 2004/084 Grantee: **Lowell G. Bradford.**

Certificate No: 2814 Expiry Date: 15 June 2030.

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

‘September Bright’^ϕ syn September Blaze^ϕ

Application No: 2003/311 Grantee: **Lowell G. Bradford.**

Certificate No: 2801 Expiry Date: 16 June 2030.

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

Prunus salicina

JAPANESE PLUM

‘Yummybeaut’^ϕ syn Candybeaut^ϕ

Application No: 2003/306 Grantee: **Lowell G. Bradford.**

Certificate No: 2803 Expiry Date: 21 June 2030.

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

‘Yummygiant’^ϕ syn Candygiant^ϕ

Application No: 2003/307 Grantee: **Lowell G. Bradford.**

Certificate No: 2804 Expiry Date: 21 June 2030.

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

‘Yummyrosa’^ϕ syn Candyrosa^ϕ

Application No: 2003/308 Grantee: **Lowell G. Bradford.**

Certificate No: 2805 Expiry Date: 21 June 2030.

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

Rosa hybrid

ROSE

‘KORDREKES’^φ

Application No: 1999/204 Grantee: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**.

Certificate No: 2730 Expiry Date: 25 May 2025.

Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORFLEUR’^φ

Application No: 1999/201 Grantee: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**.

Certificate No: 2727 Expiry Date: 25 May 2025.

Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORKULARIS’^φ

Application No: 1999/202 Grantee: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**.

Certificate No: 2728 Expiry Date: 25 May 2025.

Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORLUMARA’^φ

Application No: 1999/199 Grantee: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**.

Certificate No: 2725 Expiry Date: 25 May 2025.

Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORMEERAM’^φ

Application No: 1999/200 Grantee: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**.

Certificate No: 2726 Expiry Date: 25 May 2025.

Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘KORSETAG’^φ

Application No: 1999/203 Grantee: **W. Kordes' Sohne Rosenschulen GmbH & Co KG**.

Certificate No: 2729 Expiry Date: 25 May 2025.

Agent: **Treloar Roses Pty Ltd**, Portland, VIC.

‘POULmanti’^φ

Application No: 1999/384 Grantee: **Poulsen Roser A/S**.

Certificate No: 2771 Expiry Date: 3 June 2025.

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

Sesamum indicum

SESAME

‘Rakabe’^ϕ

Application No: 2003/351 Grantee: **Northern Territory of Australia represented by Department of Business, Industry and Resource Development**, Katherine, NT.

Certificate No: 2811 Expiry Date: 15 June 2025.

‘Rosemarie’^ϕ

Application No: 2003/352 Grantee: **Northern Territory of Australia represented by Department of Business, Industry and Resource Development**, Katherine, NT.

Certificate No: 2812 Expiry Date: 15 June 2025.

Solanum tuberosum

POTATO

‘Accord’^ϕ

Application No: 1999/356 Grantee: **C Meijer BV**.

Certificate No: 2760 Expiry Date: 2 June 2025.

Agent: **Rennie Produce Pty Ltd**, Hillston, NSW.

‘Brora’^ϕ

Application No: 2003/359 Grantee: **Caithness Potato Breeders Ltd**.

Certificate No: 2769 Expiry Date: 2 June 2025.

Agent: **Elders Limited**, Adelaide, SA.

‘EOS’^ϕ

Application No: 2002/285 Grantee: **AARDAPPELKWEEK en SELECTIEBEDRIJF IJSSELMEERPOLDERS BV**.

Certificate No: 2761 Expiry Date: 2 June 2025.

Agent: **Elders Limited**, Adelaide, SA.

‘Friar’^ϕ

Application No: 2003/358 Grantee: **Caithness Potato Breeders Ltd**.

Certificate No: 2768 Expiry Date: 2 June 2025.

Agent: **Elders Limited**, Adelaide, SA.

‘LADY CHRISTL’^ϕ

Application No: 1998/214 Grantee: **C Meijer BV**.

Certificate No: 2757 Expiry Date: 2 June 2025.

Agent: **Rennie Produce Pty Ltd**, Hillston, NSW.

‘Lady Olympia’^ϕ

Application No: 1999/305 Grantee: **C Meijer BV**.

Certificate No: 2759 Expiry Date: 2 June 2025.
Agent: **Rennie Produce Pty Ltd**, Hillston, NSW.

‘Maxine’^Φ

Application No: 2001/205 Grantee: **Caithness Potato Breeders Ltd**.
Certificate No: 2762 Expiry Date: 2 June 2025.
Agent: **Elders Limited**, Adelaide, SA.

Sutera cordata

BACOPA, SUTERA

‘Bacoble’^Φ

Application No: 2001/204 Grantee: **NuFlora International Pty Ltd**, Macquarie Fields, NSW.
Certificate No: 2748 Expiry Date: 2 June 2025.

‘Balablue’^Φ

Application No: 2003/334 Grantee: **Ball Horticultural Company**.
Certificate No: 2750 Expiry Date: 2 June 2025.
Agent: **Ball Australia Pty Ltd**, Dandenong South, VIC.

Syzygium australe

LILLY PILLY

‘Oranges & Lemmons’^Φ

Application No: 2000/312 Grantee: **Tony and Juna Kebblewhite**, Verrierdale, QLD.
Certificate No: 2773 Expiry Date: 3 June 2025.

Telopea speciosissima x *Telopea oreades*

WARATAH

‘T90-1-0-1’^Φ

Application No: 2000/137 Grantee: **Proteaflora Enterprises Pty Ltd**, Monbulk, VIC.
Certificate No: 2772 Expiry Date: 3 June 2025.

Trifolium resupinatum

PERSIAN CLOVER

‘NITRO PLUS’^Φ

Application No: 1997/035 Grantee: **State of Western Australia through its Department of Agriculture**, South Perth, WA.
Certificate No: 2788 Expiry Date: 14 June 2025.

Triticum aestivum

WHEAT

‘EGA 2248’^Φ

Application No: 2003/160 Grantee: **State of Western Australia rep by Chief Executive Officer**, South Perth, WA, **State of Qld through Department of Primary Industries and Fisheries**, Brisbane, QLD, **Department of Primary Industries for and on behalf of the State of New South Wales**, Orange, NSW and **Grains Research and Development Corporation**, Kingston, ACT.
 Certificate No: 2746 Expiry Date: 2 June 2025.

‘EGA Bonnie Rock’^Φ

Application No: 2003/161 Grantee: **State of Western Australia rep by Chief Executive Officer**, South Perth, WA, **State of Qld through Department of Primary Industries and Fisheries**, Brisbane, QLD, **Department of Primary Industries for and on behalf of the State of New South Wales**, Orange, NSW and **Grains Research and Development Corporation**, Kingston, ACT.
 Certificate No: 2747 Expiry Date: 2 June 2025.

‘EGA Wedgetail’^Φ

Application No: 2002/288 Grantee: **State of Western Australia rep by Chief Executive Officer**, South Perth, WA, **State of Qld through Department of Primary Industries and Fisheries**, Brisbane, QLD, **Department of Primary Industries for and on behalf of the State of New South Wales**, Orange, NSW and **Grains Research and Development Corporation**, Kingston, ACT.
 Certificate No: 2749 Expiry Date: 2 June 2025.

‘QALBis’^Φ

Application No: 2002/181 Grantee: **Value Added Wheat CRC Ltd**, North Ryde, NSW.
 Certificate No: 2744 Expiry Date: 2 June 2025.

Triticum turgidum ssp. turgidum conv. durum

DURUM WHEAT

‘EGA Bellaroi’^Φ

Application No: 2002/236 Grantee: **State of Western Australia rep by Chief Executive Officer**, South Perth, WA, **State of Qld through Department of Primary Industries and Fisheries**, Brisbane, QLD, **Department of Primary Industries for and on behalf of the State of New South Wales**, Orange, NSW and **Grains Research and Development Corporation**, Kingston, ACT.
 Certificate No: 2745 Expiry Date: 2 June 2025.
 Agent: **Graintrust Pty Ltd**, North Sydney, NSW.

Withania somnifera

WINTER CHERRY

‘Gibbons Australia’^Φ

Application No: 2002/185 Grantee: **Philip Norman Gibbons & Joyleen May Gibbons as Trustees for Phorpheys Trust**, Lucindale, SA.
 Certificate No: 2792 Expiry Date: 16 June 2025.

DENOMINATION CHANGED

App. No.	Genus	Species	Synonym	Common name	Denomination Changed From	Denomination Changed To
2001/231	<i>Malus</i>	<i>domestica</i>		Apple	ST 23/74	Western Dawn
2004/044	<i>Solanum</i>	<i>tuberosum</i>		Potato	T 1903/48	Nectar
2004/226	<i>Lupinus</i>	<i>albus</i>		Lupin	WALAB2000	Andromeda

CHANGE OF OWNER AND AGENT

App. No.	Genus	Species	Common Name	Variety Name	Change Type	Changed From	Changed To
1996/158	<i>Stenotaphrum</i>	<i>secundatum</i>	Buffalo Grass	SS100	Change Agent	Davies Collison Cave Patent and Trade Mark Attorneys	Ozbreed Pty Ltd
2001/101	<i>Prunus</i>	<i>persica</i>	Peach	Late Ross	Change Agent	Phillips Ormonde & Fitzpatrick	Agrisearch Services Pty Ltd
2000/014	<i>Solidago</i>	hybrid	Solidago	Dansolmonte	Change Agent	Ramm Botanicals Holdings Pty Ltd	Propagation Australia Pty Ltd
2001/069	<i>Zoysia</i>	<i>japonica</i>	Zoysia Grass	SS-300	Change Agent	Walter Scattini	Ozbreed Pty Ltd
2001/070	<i>Zoysia</i>	<i>japonica</i>	Zoysia Grass	SS-500	Change Agent	Walter Scattini	Ozbreed Pty Ltd
2002/350	<i>Actinidia</i>	<i>chinensis</i>	Kiwifruit	Hawkesbury Jade	Amend Agent	Baldwin Shelston Waters	Shelston IP
2002/352	<i>Prunus</i>	<i>persica</i>	Peach	Hawkesbury Honey Gold	Amend Agent	Baldwin Shelston Waters	Shelston IP
2002/349	<i>Prunus</i>	<i>persica</i>	Peach	Hawkesbury October Gold	Amend Agent	Baldwin Shelston Waters	Shelston IP
2002/355	<i>Prunus</i>	<i>persica</i> var. <i>nucipersica</i>	Nectarine	Hawkesbury Early Ice	Amend Agent	Baldwin Shelston Waters	Shelston IP
2002/353	<i>Prunus</i>	<i>persica</i> var. <i>nucipersica</i>	Nectarine	Hawkesbury Iced Gold	Amend Agent	Baldwin Shelston Waters	Shelston IP
2002/356	<i>Prunus</i>	<i>persica</i> var. <i>nucipersica</i>	Nectarine	Hawkesbury Iced Moonglow	Amend Agent	Baldwin Shelston Waters	Shelston IP
2002/354	<i>Prunus</i>	<i>persica</i> var. <i>nucipersica</i>	Nectarine	Hawkesbury Iced Sun	Amend Agent	Baldwin Shelston Waters	Shelston IP
2002/348	<i>Prunus</i>	<i>persica</i> var. <i>nucipersica</i>	Nectarine	Hawkesbury October Ice	Amend Agent	Baldwin Shelston Waters	Shelston IP
2003/003	<i>Prunus</i>	<i>salicina</i>	Japanese Plum	Hawkesbury Jupiter Onyx	Amend Agent	Baldwin Shelston Waters	Shelston IP
2002/351	<i>Prunus</i>	<i>salicina</i>	Japanese Plum	Hawkesbury Mira Blood	Amend Agent	Baldwin Shelston Waters	Shelston IP
2002/347	<i>Prunus</i>	<i>salicina</i>	Japanese Plum	Hawkesbury Rebecca Blood	Amend Agent	Baldwin Shelston Waters	Shelston IP
2000/328	<i>Malus</i>	<i>domestica</i>	Apple	Roda	Amend Agent	Erimus International Pty Ltd	Fourways Consulting Group
2001/191	<i>Pittosporum</i>	<i>tenuifolium</i>	Pittosporum	Going Green	Amend Agent	Jeff Koelewyn for Braddles Pty Ltd	Braddles Pty Ltd ATF Hermitage Nursery Superannuation Fund
2003/036	<i>Pittosporum</i>	<i>tenuifolium</i>	Pittosporum	White Cloud	Amend Agent	Jeff Koelewyn for Braddles Pty Ltd	Braddles Pty Ltd ATF Hermitage Nursery Superannuation Fund
2002/242	<i>Bidens</i>	<i>ferulifolia</i>	Fern-leaved Bidens	Bidtis 1	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2001/245	<i>Sutera</i>	<i>diffusa</i>	Bacopa	Suttis 98	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2002/240	<i>Verbena</i>	hybrid	Verbena	Blancena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd

2000/222	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Charmena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2003/363	<i>Verbena</i>	<i>xhybrida</i>	Garden Verbena	Dulcena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2000/223	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Florena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2001/246	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Lobena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2000/225	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Morena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2000/226	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Mylena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2001/247	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Oxena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2001/249	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Salmena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2000/227	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Scarlana	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2001/248	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Spikena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2000/228	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Vertis	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2004/010	<i>Verbena</i>	<i>xhybrida</i>	Garden Verbena	Vilena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2001/250	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Wynena	Amend Agent	Ramm Botanicals Holdings Pty Ltd	Syngenta Seeds Pty Ltd
2002/242	<i>Bidens</i>	<i>xhybrida</i>	Fern-leaved Bidens	Bidtis 1	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/245	<i>Sutera</i>	<i>xhybrida</i>	Bacopa	Suttis 98	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/240	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Blancena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/222	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Charmena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/363	<i>Verbena</i>	<i>xhybrida</i>	Garden Verbena	Dulcena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/223	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Florena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/246	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Lobena	Amend	Ramm Botanicals Pty	Ramm

					Agent	Ltd	Botanicals Holdings Pty Ltd
2000/225	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Morena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/226	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Mylena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/247	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Oxena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/249	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Salmena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/227	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Scarlina	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/248	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Spikena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/228	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Vertis	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/010	<i>Verbena</i>	<i>xhybrida</i>	Garden Verbena	Vilena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/250	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Wynena	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/139	<i>Ajanía</i>	<i>pacífica</i>	Silver and Gold Chrysanthemum	Bea	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/138	<i>Ajanía</i>	<i>pacífica</i>	Silver and Gold Chrysanthemum	Bess	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1999/294	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Jive	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1994/083	<i>Alstroemeria</i>	hybrid	Peruvian Lily	STABEC	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1999/207	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Stabecor	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1997/243	<i>Alstroemeria</i>	hybrid	Peruvian Lily	STABELIN	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1997/253	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Stalauli	Amend	Ramm Botanicals Pty	Ramm

					Agent	Ltd	Botanicals Holdings Pty Ltd
1999/206	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Stalog	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1997/033	<i>Alstroemeria</i>	hybrid	Peruvian Lily	STALONA	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1995/216	<i>Alstroemeria</i>	hybrid	Peruvian Lily	STAMOND	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/361	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Stapricamil	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1997/251	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Staprilan	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1997/249	<i>Alstroemeria</i>	hybrid	Peruvian Lily	STAPRIMON	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/138	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Staprioxa	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1998/150	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Stapripal	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/082	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Staprirange	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/362	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Staprisara	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1997/248	<i>Alstroemeria</i>	hybrid	Peruvian Lily	STAPRISIS	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/053	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Staprivane	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1997/250	<i>Alstroemeria</i>	hybrid	Peruvian Lily	STAPRIZSA	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/179	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Staqueen	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1995/214	<i>Alstroemeria</i>	hybrid	Peruvian Lily	STASACH	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1995/215	<i>Alstroemeria</i>	hybrid	Peruvian Lily	STATIREN	Amend	Ramm Botanicals Pty	Ramm

					Agent	Ltd	Botanicals Holdings Pty Ltd
1994/041	<i>Alstroemeria</i>	hybrid	Peruvian Lily	TOSCANA	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1992/148	<i>Alstroemeria</i>	hybrid	Peruvian Lily	VICTORIA	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1996/148	<i>Alstroemeria</i>	hybrid	Peruvian Lily	VIRGINIA	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/166	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Zalsamay	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/336	<i>Alstroemeria</i>	hybrid	Peruvian Lily	ZALSAREST	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/167	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Zalsasenan	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/180	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Zanvedere	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/177	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Zanvelvet	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/063	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Zanysia	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/335	<i>Alstromeria</i>	hybrid	Peruvian Lily	ZAPRIJUL	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/118	<i>Anthurium</i>	hybrid	Flamingo Flower	GEMINI	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/117	<i>Anthurium</i>	hybrid	Flamingo Flower	NORTHSTAR	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/143	<i>Bidens</i>	<i>ferulifolia</i>	Fern-leaved Bidens	Sunbidesupa	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/183	<i>Bidens</i>	<i>triplinervia</i>	Bidens	Sunbideki	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/148	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC00066	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/116	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC00069	Amend	Ramm Botanicals Pty	Ramm

					Agent	Ltd	Botanicals Holdings Pty Ltd
2001/117	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC00070	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/337	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC00072	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/118	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC00078	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/335	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC01056	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/336	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC01057	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/154	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC01058	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/155	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC01062	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/119	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC01088	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/233	<i>Calibrachoa</i>	hybrid	Calibrachoa	KLEC99R14	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/327	<i>Calibrachoa</i>	hybrid	Calibrachoa	Rosestar	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/232	<i>Calibrachoa</i>	hybrid	Calibrachoa	Selchepi	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/110	<i>Calibrachoa</i>	hybrid	Calibrachoa	Sunbel-apu	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/160	<i>Calibrachoa</i>	hybrid	Calibrachoa	Sunbelbusta	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/130	<i>Calibrachoa</i>	hybrid	Calibrachoa	Sunbelho	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/258	<i>Calibrachoa</i>	hybrid	Calibrachoa	Sunbelki	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/184	<i>Calibrachoa</i>	hybrid	Calibrachoa	Sunbelkist	Amend	Ramm Botanicals Pty	Ramm

					Agent	Ltd	Botanicals Holdings Pty Ltd
2003/131	<i>Calibrachoa</i>	hybrid	Calibrachoa	Sunbelkos	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/217	<i>Calibrachoa</i>	hybrid	Calibrachoa	Sunbelkufepi	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/129	<i>Calibrachoa</i>	hybrid	Calibrachoa	Sunbelre	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/161	<i>Calibrachoa</i>	hybrid	Calibrachoa	Sunbelrikupi	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/330	<i>Fuchsia</i>	hybrid	Fuchsia	Foncha	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/109	<i>Hesperozygis</i>	hybrid	Hesperozygis	Sunminbu	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/158	<i>Hesperozygis</i>	hybrid	Hesperozygis	Sunmindepi	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/291	<i>Hesperozygis</i>	<i>myrtoides</i>	Hesperozygis	Sunminpa	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1996/114	<i>Hydrangea</i>	<i>macrophylla</i>	Hydrangea	Frau Machiko	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1996/113	<i>Hydrangea</i>	<i>macrophylla</i>	Hydrangea	Frau Mariko	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1996/115	<i>Hydrangea</i>	<i>macrophylla</i>	Hydrangea	Frau Nobuko	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1996/116	<i>Hydrangea</i>	<i>macrophylla</i>	Hydrangea	Frau Sumiko	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/050	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Kiadime	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/051	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Kidomia	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/048	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Kiilia	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/052	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea	Kioma	Amend	Ramm Botanicals Pty	Ramm

			Impatiens		Agent	Ltd	Botanicals Holdings Pty Ltd
2004/049	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Kiotoa	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/053	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Kipapalia	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/047	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Kiquilla	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/346	<i>Impatiens</i>	hybrid	New Guinea Impatiens	Kicabo	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/344	<i>Impatiens</i>	hybrid	New Guinea Impatiens	Kilogia	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/343	<i>Impatiens</i>	hybrid	New Guinea Impatiens	Kimali	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/345	<i>Impatiens</i>	hybrid	New Guinea Impatiens	Kinepor	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/255	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	Deep Purple	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/254	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	TiHop	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/253	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	TiLip	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/251	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	TiRe	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/252	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	TiRow	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/256	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	TiTag	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/142	<i>Mandevilla</i>	hybrid	Mandevilla	Sunmandecrim	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/185	<i>Mandevilla</i>	hybrid	Mandevilla	Sunmandeho	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/132	<i>Nierembergia</i>	hybrid	Nierembergia	Sunnicobu	Amend	Ramm Botanicals Pty	Ramm

					Agent	Ltd	Botanicals Holdings Pty Ltd
2004/141	<i>Nierembergia</i>	hybrid	Nierembergia	Sunnicodiva	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/133	<i>Nierembergia</i>	hybrid	Nierembergia	Sunnikoho	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/133	<i>Pelargonium</i>	<i>peltatum</i>	Ivy Pelargonium	Kleblue	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/134	<i>Pelargonium</i>	<i>peltatum</i>	Ivy Pelargonium	Klegatta	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/135	<i>Pelargonium</i>	<i>peltatum</i>	Ivy Pelargonium	Klepacif	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/339	<i>Pelargonium</i>	<i>peltatum</i>	Ivy Pelargonium	Kleroder	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/342	<i>Pelargonium</i>	<i>peltatum</i>	Ivy Pelargonium	Kleropink	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/338	<i>Pelargonium</i>	<i>peltatum</i>	Ivy Pelargonium	Kleropur	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/131	<i>Pelargonium</i>	<i>zonale</i>	Zonal Pelargonium	Klecona	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/340	<i>Pelargonium</i>	<i>zonale</i>	Zonal Pelargonium	Klejana	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/128	<i>Pelargonium</i>	<i>zonale</i>	Zonal Pelargonium	Klelad	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/129	<i>Pelargonium</i>	<i>zonale</i>	Zonal Pelargonium	Klelesmo	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/240	<i>Pelargonium</i>	<i>zonale</i>	Zonal Pelargonium	Kleored	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/132	<i>Pelargonium</i>	<i>zonale</i>	Zonal Pelargonium	Klesail	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/130	<i>Pelargonium</i>	<i>zonale</i>	Zonal Pelargonium	Klesestra	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1994/155	<i>Petunia</i>	hybrid	Petunia	Revolution	Amend	Ramm Botanicals Pty	Ramm

				Bluevein	Agent	Ltd	Botanicals Holdings Pty Ltd
1996/236	<i>Petunia</i>	hybrid	Petunia	Revolution Pastel Pink No. 2	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1994/157	<i>Petunia</i>	hybrid	Petunia	Revolution Pinkmini	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1994/156	<i>Petunia</i>	hybrid	Petunia	Revolution Pinkvein	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1996/237	<i>Petunia</i>	hybrid	Petunia	Revolution Violet No. 2	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1998/223	<i>Petunia</i>	hybrid	Petunia	Sunbelchipi	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1998/221	<i>Petunia</i>	hybrid	Petunia	Sunbelkubu	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1998/222	<i>Petunia</i>	hybrid	Petunia	Sunbelkuho	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1998/220	<i>Petunia</i>	hybrid	Petunia	Sunbelkupi	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/381	<i>Petunia</i>	hybrid	Petunia	Suncomi	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/348	<i>Sutera</i>	hybrid	Bacopa	Mogoto	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1998/227	<i>Torenia</i>	<i>fournieri</i>	Torenia	Sunrenilabu	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/250	<i>Torenia</i>	hybrid	Wishbone Flower	Sunrenirirepa	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2002/174	<i>Torenia</i>	hybrid	Wishbone Flower	Sunreniva	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/135	<i>Verbena</i>	hybrid	Verbena	Sunmaref TPPW	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/186	<i>Verbena</i>	hybrid	Verbena	Sunmaref TP-SAP	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1995/244	<i>Verbena</i>	hybrid	Verbena	Sunmarefu	Amend	Ramm Botanicals Pty	Ramm

				TP-L	Agent	Ltd	Botanicals Holdings Pty Ltd
1995/243	<i>Verbena</i>	hybrid	Verbena	Sunmarefu TP-P	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1995/245	<i>Verbena</i>	hybrid	Verbena	Sunmarefu TP-V	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1995/246	<i>Verbena</i>	hybrid	Verbena	Sunmarefu TP-W	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1998/226	<i>Verbena</i>	hybrid	Verbena	Sunmariba	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1998/224	<i>Verbena</i>	hybrid	Verbena	Sunmaririho	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1998/225	<i>Verbena</i>	hybrid	Verbena	Sunmariripi	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/159	<i>Verbena</i>	hybrid	Verbena	Sunmarisakura	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/134	<i>Verbena</i>	hybrid	Verbena	Sunvivare	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/242	<i>Anthurium</i>	hybrid	Flamingo Flower	Aeighteen	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/241	<i>Anthurium</i>	hybrid	Flamingo Flower	Atwelve	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2001/243	<i>Anthurium</i>	hybrid	Flamingo Flower	Atwenty	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2000/106	<i>Philodendron</i>	<i>tatei</i> ssp <i>melanochlorum</i>	Philodendron	Congo	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
1991/075	<i>Spathiphyllum</i>	hybrid	Peace Lily	GORGUSIS 1	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/303	<i>Spathiphyllum</i>	hybrid	Peace Lily	Sthirtyone	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2003/302	<i>Spathiphyllum</i>	hybrid	Peace Lily	Stwenty-nine	Amend Agent	Ramm Botanicals Pty Ltd	Ramm Botanicals Holdings Pty Ltd
2004/058	<i>Rosa</i>	hybrid	Rose	Schatina	Amend	Ramm Botanicals Pty	Schreurs

					Agent	Ltd	Australia (Pty) Ltd
2004/060	<i>Rosa</i>	hybrid	Rose	Scheniet	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2001/125	<i>Rosa</i>	hybrid	Rose	Schetakup	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2001/126	<i>Rosa</i>	hybrid	Rose	Schipral	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2001/127	<i>Rosa</i>	hybrid	Rose	Schobea	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2004/059	<i>Rosa</i>	hybrid	Rose	Scholtec	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2001/128	<i>Rosa</i>	hybrid	Rose	Schosonne	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
1995/119	<i>Rosa</i>	hybrid	Rose	SCHOVIAN	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2001/130	<i>Rosa</i>	hybrid	Rose	Schrasies	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2002/083	<i>Rosa</i>	hybrid	Rose	Schrefile	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2004/057	<i>Rosa</i>	hybrid	Rose	Schrenat	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2001/129	<i>Rosa</i>	hybrid	Rose	Schretulp	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2001/124	<i>Rosa</i>	hybrid	Rose	Schromiup	Amend Agent	Ramm Botanicals Pty Ltd	Schreurs Australia (Pty) Ltd
2002/362	<i>Alstroemeria</i>	hybrid	Peruvian Lily	Staprisara	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2002/358	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Balcebgrapi	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2002/208	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Balceblali	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2002/207	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Balceborst	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2002/211	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Balcebsafo	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2002/359	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Balcebscapi	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2002/209	<i>Impatiens</i>	<i>hawkeri</i>	New Guinea Impatiens	Balcebstar	Amend Owner	Ball FloraPlant - A Division of Ball	Ball Horticultural

						Horticultural Company	Company
2003/009	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Balazdapi	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2003/006	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Balazpico	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2003/010	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Balazrasp	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2003/005	<i>Verbena</i>	<i>xhybrida</i>	Verbena	Balazsilma	Amend Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2003/255	<i>Pittosporum</i>	<i>tenuifolium</i>	Pittosporum	Variegated Screenmaster	Amend Owner	Jeff Koelewyn for Braddles Pty Ltd	Braddles Pty Ltd as Trustee for Hermitage Nursery Superannuation Fund
2002/215	<i>Avena</i>	<i>sativa</i>	Oats	Brusher	Amend Owner	Minister for Agriculture, Food and Fisheries	Minister for Agriculture, Food and Fisheries and Rural Industries Research and Development Corporation
2001/219	<i>Avena</i>	<i>sativa</i>	Oats	Wintaroo	Amend Owner	Minister for Agriculture, Food and Fisheries	Minister for Agriculture, Food and Fisheries and Rural Industries Research and Development Corporation
2002/232	<i>Petunia</i>	<i>xhybrida</i>	Petunia	MP8	Amend Owner	Minister for Agriculture, Food and Fisheries	Minister for Agriculture, Food and Fisheries and Rural Industries Research and Development Corporation
2002/360	<i>Nemesia</i>	hybrid	Nemesia	Balarlipi	Change Owner	Ball FloraPlant - A Division of Ball Horticultural Company	Ball Horticultural Company
2000/170	<i>Rhododendron</i>	<i>simsii</i>	Azalea	Jory	Change Owner	Karl Glaser	Hermann Glaser

2000/171	<i>Rhododendron</i>	<i>simsii</i>	Azalea	Meggy	Change Owner	Karl Glaser	Hermann Glaser
2001/110	<i>Rhododendron</i>	<i>simsii</i>	Azalea	Rena	Change Owner	Karl Glaser	Hermann Glaser
1999/171	<i>Brassica</i>	<i>napus</i>	Canola	Ag Emblem	Change Owner	Monsanto Australia Limited	Ag-Seed Research Pty Ltd
1999/349	<i>Brassica</i>	<i>napus</i>	Canola	ATR-Hyden	Change Owner	Monsanto Australia Limited	Ag-Seed Research Pty Ltd
2000/266	<i>Brassica</i>	<i>napus</i> var. <i>oleifera</i>	Canola	AG Outback	Change Owner	Monsanto Australia Limited	Ag-Seed Research Pty Ltd

APPLICATION WITHDRAWN

The following varieties are no longer under provisional protection from the date of withdrawal:

Date of Withdrawal	App. No.	Genus	Species	Common name	Variety Name	Synonym
23-May-05	2001/271	<i>Angelica</i>	<i>keiskei</i>	Ashitaba	Genseirin	
24-May-05	2004/156	<i>Diascia</i>	hybrid	Twinspur	Balwhiswhit	
24-May-05	2002/047	<i>Euphorbia</i>	<i>pulcherrima</i>	Poinsettia	Fisgala	
04-May-05	2003/228	<i>Gypsophila</i>	<i>paniculata</i>	Baby's Breath	Danfestar	FestivalStar
02-Jun-05	2003/187	<i>Pelargonium</i>	<i>peltatum</i>	Ivy Pelargonium	Balcolbure	Burgundy Ice
11-Apr-05	2004/243	<i>Sacchurum</i>	hybrid	Sugarcane	Q214	
24-May-05	2004/157	<i>Sutera</i>	<i>cordata</i>	Bacopa	Balabwhiti	

GRANTS SURRENDERED

The following varieties are no longer under PBR protection from the date of surrender:

Date of Surrender	App. No.	Genus	Species	Common name	Variety Name	Synonym
14-Apr-05	1995/252	<i>Anthurium</i>	hybrid	Flamingo Flower	CHAMPION	
12-Apr-05	1997/027	<i>Argyranthemum</i>	<i>frutescens</i>	Marguerite Daisy	ANNIE PETITE	
12-Apr-05	1995/039	<i>Argyranthemum</i>	<i>frutescens</i>	Marguerite Daisy	GRETEL	
04-May-05	1994/050	<i>Brassica</i>	<i>napus</i>	Canola	DUNKELD	
22-Jun-05	1999/033	<i>Ceratopetalum</i>	<i>gummiferum</i>	New South Wales Christmas Bush	Bill Winter	
25-May-05	1993/203	<i>Chamelaucium</i>	<i>megalopetalum</i> x <i>uncinatum</i>	Waxflower	MADONNA	
25-May-05	1992/171	<i>Chamelaucium</i>	<i>megalopetalum</i> x <i>uncinatum</i>	Waxflower	Revelation	
28-Apr-05	1999/118	<i>Convolvulus</i>	<i>sabiatus</i>	Moroccan Glory Bind	Star Struck	
21-Jun-05	2000/193	<i>Echinacea</i>	<i>purpurea</i>	Coneflower	Kim's Knee High	
15-Apr-05	2002/222	<i>Euryops</i>	<i>pectinatus</i>	Euryops	Emperor's Gold	
27-May-05	1996/270	<i>Hordeum</i>	<i>vulgare</i>	Barley	SLOOP	
22-Jun-05	1994/116	<i>Impatiens</i>	hybrid	Impatiens	CELEBRATION CANDY PINK	
13-May-05	1989/047	<i>Impatiens</i>	hybrid	New Guinea Impatiens hybrid	VULCAIN	
22-Jun-05	1995/040	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	SALSA RED	FIESTA SALSA RED
24-May-05	2001/254	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	TiHop	
24-May-05	2001/252	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	TiRow	
22-Jun-05	1995/042	<i>Impatiens</i>	<i>walleriana</i>	Busy Lizzie	TROPICAL ORANGE	FIESTA TROPICAL ORANGE
23-May-05	1997/340	<i>Lactuca</i>	<i>sativa</i>	Lettuce	KENDAI	
20-May-05	1999/029	<i>Lilium</i>	<i>hybrid</i>	Lily	TOPSY	VLETTOP
20-Jun-05	2001/025	<i>Lolium</i>	<i>perenne</i>	Perennial Ryegrass	Tolosa	
11-Apr-05	1988/004	<i>Lolium</i>	<i>perenne</i>	Perennial Ryegrass	YATSYN 1	
28-Apr-05	2001/207	<i>Osteospermum</i>	<i>ecklonis</i>	Cape Daisy	Snow Wheels	
11-Apr-05	1999/053	<i>Pisum</i>	<i>sativum</i>	Field Pea	Mukta	
12-Apr-05	1999/054	<i>Pisum</i>	<i>sativum</i>	Field Pea	Santi	
10-May-05	1999/378	<i>Rosa</i>	hybrid	Rose	POULagun	
10-May-05	1999/374	<i>Rosa</i>	hybrid	Rose	POULgrad	
10-May-05	1999/386	<i>Rosa</i>	hybrid	Rose	POULzin	
28-Apr-05	1996/253	<i>Syzygium</i>	<i>luehmannii</i>	Lilly Pilly	Petite Blush	
18-May-05	2000/125	<i>Triticum</i>	<i>aestivum</i>	Wheat	Mulgara	
28-Apr-05	2000/208	<i>Verticordia</i>	<i>plumosa</i> x <i>Chamelaucium uncinatum</i>	Waxflower	Susie	

CORRIGENDA*Hordeum vulgare*

Barley

‘Capstan’

Application No: 2004/020

Journal Reference: PVJ 18(1) p 91

The image labels inadvertently showing ‘Capstan’ as the taller variety on the left. In fact, ‘Capstan’ is the shorter variety on right and ‘Galleon’ is the taller variety on left.

Triticum aestivum

Wheat

‘GBA Hunter’

Application No: 2004/326

Journal Reference: PVJ 18(1) p 152

In the **Origin and Breeding** section the correct pedigree for ‘GBA Hunter’ should be:

Attila//Altar84/Aos/3/Attila

Part 3 Appendices

The appendices to *Plant Varieties Journal* (Vol. 18 Issue 2)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](#)

Appendix 1 - Fees

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
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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

Appendix 2 - Plant Breeder's Rights Advisory Committee

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 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
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
 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
 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 McKirdy, Simon Prescott, Chris Pumpa, Lucy Robinson, Ben Scholefield, Peter Smith, Daniel Stearne, Peter Swane, Geoff Syrus, A Kim
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Sesame	Bennett, Malcolm Harrison, Peter Imrie, Bruce
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Sorghum	Khan, Akram
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Soybean	Harrison, Peter James, Andrew
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Spices and Medicinal Plants	Derera, Nicholas AM Khan, Akram
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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
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Strawberry	Herrington, Mark Mitchell, Leslie Morrison, Bruce Robinson, Ben Scholefield, Peter
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Sugarcane	Cox, Mike Piperidis, George
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Sunflower	George, Doug
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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	SE Australia
	03 5782 2073 fax	
Allen, Paul	07 3824 0263 ph/fax	SE QLD, Northern NSW
Anderson, Malcolm	03 5573 0900	Victoria
	03 5571 1523 fax	
	017 870 252 mobile	
Angus, Tim	(64 4) 568 3878 ph/fax	Australia and New Zealand
	001164211871076 mobile	
	plantatim@zip.co.nz	
Armitage, Paul	03 9756 7233	Victoria
	03 9756 6948 fax	
Avery, Angela	02 6030 4500	South Eastern Australia
	02 6030 4600 fax	
Barrett, Mike	02 9875 3087	NSW/ACT
	02 9980 1662 fax	
	0407 062 494 mobile	
Barth, Gail	08 8389 7479	SA and Victoria
Bazzani, Luigi	08 9772 1207	Western Australia
	08 9772 1333 fax	
Bennett, Malcolm	08 8973 9733	NT, QLD, NSW, WA
	08 8973 9777 fax	
Biggs, Eric	03 5023 2400	Mildura Area
	03 5023 3922 fax	
Brouwer, Jan	03 53846293	South Eastern Australia
	janbertb@wimmera.com.au	
Calabria, Patrick	02 6963 6360	Riverina area of NSW
	0438 636 219 mobile	
Chequer, Robert	03 5382 1269	Victoria
	0419 145 262 mobile	
Collins, David	08 9623 2343 ph/fax	Central Western Wheatbelt of
	0154 42694 mobile	Western Australia
Cox, Mike	07 4132 5200	Queensland and NSW
	07 4132 5253 fax	
Cramond, Gregory	08 8390 0299	Australia
	08 8390 0033 fax	
	0417 842 558 mobile	
Cruickshank, Alan	07 4160 0722	QLD
	07 4162 3238 fax	
Cunneen, Thomas	02 4889 8647	Sydney Region
	02 4889 8657 fax	
Dalgliesh, Ian	07 3344 5559 ph/fax	South East Queensland
	0419 792 663 mobile	
Darmody, Liz	03 9756 6105	Australia
	03 9752 0005 fax	
Dawson, Iain	02 6251 2293	ACT, South East NSW
Derera, Nicholas AM	02 9639 3072	Australia
	02 9639 0345 fax	
	0414 639 307 mobile	
Downes, Ross	02 6255 1461 ph	ACT, South East Australia
	02 6278 4676 fax	
	0414 955258 mobile	
Dunstone, Bob	02 6281 1754 ph/fax	South East NSW
Easton, Andrew	07 4690 2666	QLD and NSW
	07 4630 1063 fax	

Eggleton, Steve	03 9876 1097	Melbourne Region
	03 9876 1696 fax	
Ellison, Don	07 5533 2955	QLD and NSW
Engel, Richard	08 9397 5941	WA
	08 9397 5941 fax	
Fennell, John	03 5334 7871	Australia
	03 5334 7892 fax	
	0419 881 887	
Fleming, Graham	03 9756 6105	Australia
	03 9752 0005 fax	
Foster, Kevin	08 9368 3804	Mediterranean areas of Australia
	08 9474 2840 fax	
Frkovic, Edward	02 6962 7333	Australia
	02 6964 1311 fax	
George, Doug	07 5460 1308	Australia
	07 5460 1112 fax	
Goulden, David	64 3 325 6400	New Zealand
	64 3 325 2074 fax	
Graetz, Darren	08 8303 9362	South Australia
	08 8303 9424 fax	
Granger, Andrew	08 8389 8809	South Australia
	08 8389 8899 fax	
Greer, Neil	07 5441 1118	Australia
	07 5476 0098 fax	
	0418 881 755 mobile	
Guertsen, Paul	02 6845 3789	NSW, VIC, SE QLD
	02 6845 3382 fax	
	0407 658 105 mobile	
Hanger, Brian	03 9837 5547 ph/fax	Victoria
	0418 598106 mobile	
Hare, Ray	02 6763 1232	QLD, NSW VIC & SA
	02 6763 1222 fax	
Harrison, Peter	08 8948 1894 ph	Tropical/Sub-tropical Australia,
	08 8948 3894 fax	including NT and NW of WA
	0407 034 083 mobile	and tropical arid areas
Hempel, Maciej	02 4628 0376	NSW, QLD, VIC, SA
	02 4625 2293 fax	
Henry, Robert J	02 6620 3010	Australia
	02 6622 2080 fax	
Herrington, Mark	07 5441 2211	Southern Queensland
	07 5441 2235 fax	
Hill, Jeff	08 8303 9487	South Australia
	08 8303 9607 fax	
Hockings, David	07 5494 3385 ph/fax	Southern Queensland
Imrie, Bruce	02 4474 0951	SE Australia
	02 4474 0952	
	imriesc@sci.net.au	
Iredell, Janet Willa	07 3202 6351 ph/fax	SE Queensland
Jack, Brian	08 9952 5040	South West WA
	08 9952 5053 fax	
James, Andrew	07 3214 2278	Australia
	07 3214 2272 fax	
Johnston, Margaret	07 5460 1240	SE Queensland
	07 5460 1455 fax	
Kadkol, Gururaj	03 5382 1269	North Western Victoria
	03 5381 1210 fax	
Kennedy, Peter	02 6382 7600	New South Wales
	02 6382 2228 fax	

Khan, Akram	02 9351 8821	New South Wales
	02 9351 8875 fax	
Kirby, Greg	08 8201 2176	South Australia
	08 8201 3015 fax	
Kirby, Neil	02 4754 2637	New South Wales
	02 4754 2640 fax	
Knights, Edmund	02 6763 1100	North Western NSW
	02 6763 1222 fax	
Kulkarni, Vinod	08 9992 2221	Australia
	08 9992 2049 fax	
Lake, Andrew	08 8177 0558	SE Australia
	0418 818 798 mobile	
	lake@arcom.com.au	
Laker, Richard	08 87258987	Australia
	08 8723 0142 fax	
	0417 855 592 mobile	
Lamont, Greg	02 8778 5388	Sydney region
	02 9734 9866 fax	
Langford, Garry	03 6266 4344	Australia
	03 6266 4023 fax	
	0418 312 910 mobile	
Larkman, Clive	03 9735 3831	Victoria
	03 9739 6370	
	larkman@tpgi.com.au	
Law, Mary Ann	07 4637 9960	Toowoomba region
	07 4637 9962 fax	
	malaw@bigpond.com	
Lee, Peter	03 6330 1147	SE Australia
	03 6330 1927 fax	
Lee, Slade	02 6620 3410	Queensland/Northern New South
	02 6622 2080 fax	Wales
Lenoir, Roland	02 6231 9063 ph/fax	Australia
Leske, Richard	07 4671 3136	Cotton growing regions of QLD
	07 4671 3113 fax	& NSW
Light, Kate	03 5362 2175	Victoria
	0419 145 768 mobile	
Loch, Don	07 3286 1488	Queensland
	07 3286 3094 fax	
Lowe, Greg	02 4389 8750	Sydney, Central Coast NSW
	02 4389 4958 fax	
	0411 327390 mobile	
Lullfitz, Robert	08 9447 6360	South West WA
Lunghusen, Mark	03 5998 2083	Melbourne & environs
	03 5998 2089fax	
	0407 050 133 mobile	
Mackay, Alastair	08 9310 5342 ph/fax	Western Australia
	0159 87221 mobile	
Maddox, Zoe	03 9756 6105	Australia
	03 9752 0005 fax	
Malone, Michael	+64 6 877 8196	New Zealand
	+64 6 877 4761 fax	
Marcsik, Doris	08 8999 2017	Northern Territory and
	08 8999 2049	Queensland
McCarthy, Alec	08 9780 6273	South West WA
	08 9780 6136 fax	
McKirdy, Simon	042 163 8229 mobile	Australia
McMichael, Prue	08 8373 2488	SE Australia
	08 8373 2442 fax	

McRae, Tony	08 8723 0688	Australia
	08 8723 0660 fax	
Miller, Jeff	64 6 356 8019 extn 8027	Manawatu region, New Zealand
	64 3 351 8142 fax	
Milne, Carolynn	07 3206 3509	QLD
Mitchell, Hamish	03 9737 9568	Victoria
	03 9737 9899 fax	
Mitchell, Leslie	03 5821 2021	VIC, Southern NSW
	03 5831 1592 fax	
Molyneux, William	03 5965 2011	Victoria
	03 5965 2033 fax	
Moore, Stephen	02 6799 2230	NSW
	02 6799 2239 fax	
Morrison, Bruce	03 9210 9251	East of Melbourne
	03 9800 3521 fax	
Mouwen, Heidi	07 4690 2666	QLD, NSW
	07 4630 1063	
Neylan, John	03 9886 6200	VIC, NSW, SA
	0413 620 256 mobile	
Nichols, David	03 5977 4755	SE Melbourne, Mornington
	03 5977 4921 fax	Peninsula and Dandenong
		Ranges, Victoria
Nichols, Phillip	08 9387 7442	Western Australia
	08 9383 9907 fax	
Nutt, Bradley	08 9387 7423/	Western Australia
	08 9383 9907 fax	
Oates, John	02 4473 8465	Sydney region, Eastern Australia
Owen-Turner, John	07 4129 5217	Burnett region, Central
	07 4129 5511 fax	Queensland region
Paananen, Ian	02 4381 0051	Sydney/Newcastle
	02 4381 0071 fax	
	0412 826589 mobile	
Parr, Wayne	07 4129 4147	QLD, Northern NSW
	07 4129 4463 fax	
Piperidis, George	07 3331 3373	QLD, Northern NSW
	07 3871 0383 fax	
Platz, Greg	07 4639 8817	QLD, Northern NSW
	07 4639 8800 fax	
Porter, Richard	08 8431 5396	Adelaide region, South Australia
	08 8431 5396 fax	
	0413 270 670 mobile	
Portman, Anthony	08 9274 5355	South-west Western Australia
	08 9250 1859 fax	
Portman, Sian	08 9725 0660	Western Australia
	0421 606 651 mobile	
Poulsen, David	07 4661 2944	SE QLD, Northern NSW
	07 4661 5257 fax	
Prescott, Chris	03 5998 5100	Victoria
	03 5998 5333	
	0417 340 558 mobile	
Prince, John	07 5533 0211	SE QLD
	07 5533 0488 fax	
Pumpa, Lucy	08 8373 2488	South Australia
	08 8373 2422 fax	
	0400 041 881 mobile	
Quinn, Patrick	03 5427 0485	SE Australia

Richards, Graeme	02 4570 1358 02 4570 1314 fax 0405 178 211 mobile	Australia
Richardson, Clive	03 51550255	Victoria
Roake, Jeremy	02 9351 8830 02 9351 8875 fax	Sydney Region
Robb, John	02 4376 1330 02 4376 1271 fax 0199 19252 mobile	Sydney, Central Coast NSW
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	02 4570 9069	Australia
Smith, Kevin	03 5573 0900 03 5571 1523 fax	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	New South Wales
	02 6361 3573 fax	
Van der Staay, Rosemaree Anne	03 6248 6863	Tasmania
	03 6248 7402 fax	
Watkins, Phillip	08 9525 1800	Perth Region
	08 9525 1607 fax	
Westra Van Holthe, Jan	03 9706 3033	Australia
	03 9706 3182 fax	
Whiley, Tony	07 5441 5441	QLD
Wilkes, Gregory	02 4570 1358	Sydney region
	02 4570 1314 fax	
	0418 642 359 mobile	
Wilson, Frances	64 3 318 8514	Canterbury, New Zealand
	64 3 318 8549 fax	
Wilson, Graeme	03 5957 1200	SE Australia
	03 5957 1210 fax	
Zadow, Diane	03 5382 1269	Victoria
	03 5381 1210 fax	
	0419 145 763 mobile	

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	Norriss, Michael
Cameron, Nick	Oakes, John
Cant, Russell	O'Brien, Shaun
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
De Betue, Remco	Roberts, Sean
de Koning, Carolyn	Roche, Matthew
Dear, Brian	Rose, Ian
Delaporte, Kate	Sanders, Milton
Done, Anthony	Sandral, Graeme
Donnelly, Peter	Sanewski, Garth
Downe, Graeme	Schreuders, Harry
Dryden, Susan	Scott, Ralph
Eastwood, Russell	Siemon, Fran
Eglinton, Jason	Smith, Raymond
Eisemann, Robert	Smith, Malcolm
Elliott, Philip	Smith, Susan
Gibbons, Philip	Snelling, Cath
Granger, Andrew	Snowball, Richard
Guerin, Jenny	Stiller, Warwick
Gurciullo, Gaetano	Stuart, Peter
Harden, Patrick	Sutton, John
Hollamby, Gil	Tonks, John
Hoppo, Suzanne	Trimboli, Daniel

Howie, Jake	Trigg, Pamela
Hunt, Melissa	Van der Spek, Folke
Hurst, Andrea	Vater, Daniel
Irwin, John	Vaughan, Peter
Janhsen, Joanne	Venn, Neil
Jupp, Noel	Warner, Bradley
Kaehne, Ian	Weatherly, Lilia
Katellaris, Andrew	Wei, Xianming
Kebblewhite, Tony	Whalley, RDB
Kempff, Stefan	Williams, Rex
Kennedy, Chris	Williams, Thomas
Knox, Graham	Wilson, Stephen
Kobelt, Eric	Wilson, Rob
Lacey, Kevin	Winter, Bruce
Leighton, A	Wirthensohn, Michelle
Leonforte, Antonio	Wright, Gary
Lewin, Laurence	Yan, Guijun
Lewis, Hartley	Zeppa, Aldo
Loi, Angelo	

Appendix 5 - Addresses of UPOV and Member States

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

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

34, Chemin des Colombettes

CH-1211

Geneva 20

SWITZERLAND

Phone: (41-22) 338 9111

Fax: (41-22) 733 0336

[Web site](#)

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	J Oates	30/6/97

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

	Fields, NSW	<i>Calibrachoa</i>		J Oates	
NSW Agriculture	Temora	<i>Triticum, Hordeum, Avena</i>	Field, irrigation, glasshouse, climate controlled areas	P Breust	31/3/01
Bywong Nursery	Bungendore NSW	<i>Leptospermum</i>	Field, shadehouse, greenhouse	P Ollerenshaw	31/3/01
S J Saperstein	Mullumbimby NSW	<i>Rhododendron</i> (vireya types)	Field and propagation facilities	S Saperstein	31/12/01
Redlands Nursery	Redland Bay, QLD	<i>Osteospermum, Rhododendron</i>	Outdoor, shadehouse, glasshouse and indoor facilities	K Bunker	31/3/02
Ramm Pty Ltd	Macquarie Fields, NSW	<i>Euphorbia</i>	Glasshouse	I Paananen	31/3/02
Oasis Horticulture Pty Ltd	Springwood	<i>Impatiens, Euphorbia</i>	AQIS accredited quarantine facilities; glasshouse, shadehouse, field, tissue culture	B Sidebottom A Bernuetz M Hunt N Derera T Angus	30/9/02
Carol's Propagation	Alexandra Hills, QLD	<i>Dahlia</i>	Field beds, wide range of comparative varieties	C Milne D Singh	31/12/03
Carol's Propagation	Brookfield, QLD	<i>Anubias</i>	Glasshouse specifically designed for aquatic plants	C Milne D Singh	31/3/04
Queensland Department of Primary Industries, Maroochy Research Station	Nambour, QLD	<i>Ananas</i>	Field, plots, pots, shadehouse, temperature controlled glasshouse and tissue culture lab	G. Sanewski	31/3/04
Abulk Pty Ltd	Clarendon, NSW	<i>Dianella</i>	Normal nursery facilities with access to micro propagation.	I Paananen	31/3/04
Proteaflora Nursery Pty Ltd	Monbulk, VIC	<i>Plectranthus</i>	Fogged propagation house, greenhouses and irrigated outdoor facilities	Paul Armitage	30/6/04
Berrimah Agricultural Research Centre	Darwin	<i>Zingiber</i>	Irrigated shadehouse, outdoor facilities, cool storage, high level post entry quarantine facility, tissue culture lab, pathology and entomology diagnostic services	D Marcsik	30/9/04
Ball Australia	Keysborough, VIC	<i>Impatiens, Verbena</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	D. Nichols	30/9/04
Floreta Pty Ltd	Redland Bay QLD	<i>Bracteantha</i>	Purpose built, secure greenhouse, access to fog house, registered quarantine facility on site.	K Bunker	31/12/04
Boulevard Nurseries Mildura Pty Ltd	Irymple VIC	<i>Zantedeschia</i>	Glasshouse, shade house, propagation facilities, field areas, irrigation, cool rooms, tissue culture lab, hydroponics, 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

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Ball Australia ¹	Keysborough, VIC	<i>Calibrachoa</i> , <i>Osteospermum</i>	Controlled climate glasshouse and environment rooms, germination chamber, quarantine house, cool storage, irrigation and outdoor facilities.	D. Nichols
Queensland Department of Primary Industries, Southedge Research Centre	Mareeba, QLD	<i>Mangifera</i>	Glasshouse, shadehouse, laboratory complex including bitech, propagation, outdoor facilities	I Bally
Yates Botanical Pty Ltd	Somersby and Tuggerah, NSW	<i>Rosa</i>	Tissue culture lab, glasshouse, quarantine and nursery facilities	I Paananen

1 = Additional information supplied in support of having more than one CTC per Genus. The applicant indicates that quarantine requirements and phytosanitary issues often make it difficult or undesirable to move plant material between States (including for example issues relating to Lettuce Aphid and Western Flower Thrips).

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 September 2005.

Appendix 7 - List of Plant Classes for Denomination Purposes

[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*, *xTriticosecale*, *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

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

Class29: Species of **Lupinus** other than

(in Class 8) Lupinus albus L., L. angustifolius L., L. luteus L.

Class30: 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*

¹ From UPOV RECOMMENDATIONS ON VARIETY DENOMINATIONS, Adopted by The Council of UPOV on October 16, 1987, and amended on October 25, 1991

* 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.

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

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