10-1

Plant Varieties Journal

Quarter One 1997 Volume 10 Number 1

Treloar Roses

Kleopatra ◊

One of the many new varieties protected under PBR by Treloar Roses. See inside front cover for more details.

Official Journal of Plant Breeders Rights Australia

ADVERTISE YOUR NEW VARIETY OR SERVICES IN THE

Plant Varieties Journal

Plant Breeders and their agents are invited to take this opportunity to promote their new plant varieties by advertising in the Plant Varieties Journal. Consultant Qualified Persons are also invited to advertise their services. The Plant Varieties Journal is well circulated throughout the horticultural and agricultural industry. Advertising in the Journal will promote the commercialisation of new plant varieties and the services offered by the qualified persons. Our policy is to promote the varieties which are currently in the PBR scheme and the services of those who are currently accredited by the PBR office.

Advertising is available at a casual space rate as well as a four times rate, attracting a considerable discount of 25%! Advertisements will be published on the front cover, back cover or inside the front and back covers. Please note that the front cover is restricted to a full colour photograph of a variety.

The current advertising rates are:

			Casual	4 issues
Front Cover		Colour	$1000.00	$3000.00
Back Cover	(Full Page only)	Colour	750.00	2250.00
	(Full Page only)	Mono	500.00	1500.00
Inside Front Cover	(Full Page)	Mono	400.00	1200.00
	(Half Page)	Mono	250.00	750.00
Inside Back Cover	(Full Page)	Mono	300.00	900.00
	(Half Page)	Mono	200.00	600.00

Material Requirements

Front page pic:	full colour negative or slide of variety (please supply caption)
Inside front and back pages:	same size camera ready bromide
Back page:	same size colour separated negative film, right reading, emulsion side down, 120 line screen with chemical colour proof or same size camera ready bromide (mono).

Mechanical Data

Trimmed size:	297mm (deep) x 210mm (wide)
Full page print area:	270mm (deep) x 185mm (wide)
Half page print area:	130mm (deep) x 185mm (wide)

DO YOU NEED HELP? The Plant Breeders Rights Office can arrange to have your mono artwork prepared at a reasonable cost if you are unable to provide it.

Plant Varieties Journal

QUARTER ONE, 1997 **VOLUME 10 NUMBER 1**

In this issue

Part 1 – General Information

Part 2 – Public Notices

SUBSCRIPTION ENQUIRIES AND ADVERTISING SHOULD BE ADDRESSED TO:
PLANT BREEDERS RIGHTS AUSTRALIA
Department of Primary Industries and Energy
GPO Box 858, Canberra ACT 2601
Telephone: (06) 272 4228 Facsimile: (06) 272 3650
Homepage: http://www.dpie.gov.au/agfor/pbr/pbr.html

CLOSING DATE FOR ISSUE VOL 10 NO 2 : May 16
anticipated closing dates for other 1997 issues Vol 10 No3: August 8, Vol 10 No4: November 7.

Acknowledgments: **Lyn Craven,** Australian National Herbarium, Division of Plant Industry, CSIRO for assistance with scientific names; **Iain Dawson,** Australian Cultivar Registration Authority for scientific advice; **Roger Spencer,** Royal Botanic Gardens, Melbourne and Greenlife Database™ for assistance with varietal names.

ISSN: 10390748 Printed by National Capital Printing, Fyshwick

Doug Waterhouse
Registrar

Nik Hulse
Deputy Registrar

Katte Prakash
Examiner

Tanvir Hossain
Examiner

Helen Costa
Examiner

Kathryn Dawes-Read
Administration Officer

Marilyn Jackson
Administration Officer

Part 1 – General Information

Objections

Formal objections to applications can be lodged by a person who:

a) considers their commercial interests would be affected by a grant of PBR to the applicant; **and**

b) considers that the applicant will not be able to fulfil all the conditions for the grant of PBR to the variety.

A person submitting a formal objection must provide supporting evidence to substantiate the claim. A copy of the submission will also be sent to the applicant and the latter will be asked to show why the objection should not be upheld.

A fee of $100 is payable at the time of lodging a formal objection and $75/hour will be charged if the examination of the objection by the PBR office takes more than 2 hours.

Comments. Any person may make comment on the eligibility of any application for PBR. The comment is considered confidential. There is no charge for this. If the comment is soundly based the person may be requested to lodge a formal objection.

All formal objections and comments must be lodged with the Registrar not later than six months after the date the description of the variety is published in this journal.

Applying For Plant Breeders 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

Paraguay joined The Union for the Protection of New Varieties of Plants (UPOV), in February 1997, to become its 32nd member. However, the 1991 Act of the UPOV Convention is still to come into force requiring a further two countries to lodge instruments of accession. Denmark, Israel and The Netherlands acceded in 1996 and it is expected that others will shortly follow. The addresses of Plant Variety Protection offices in UPOV member states are listed in Appendix 5.

Instructions to Authors

Before preparing a short description, authors should consult the *Plant Varieties Journal* issue 8(1) p 2, March 1995 for the accepted style. Due to problems converting the wide range of word processing disks that are submitted, the use of a tabular format (i.e. using the tables option in the word processing package) HAS BEEN DISCONTINUED. Instead, data should be presented in columns separated by ONE TAB stop. MS Word for Windows remains the preferred word processing package. Additional examples of short descriptions are available from the PBR office. The style of the short descriptions published below are generally adequate.

For consistency, botanical and common names should follow those of: *Hortus Third,* Staff of the LH Bailey Hortorium, Macmillan Publishing Company, 1976; *Census of Australian Vascular Plants,* RJ Hnatiuk AGPS, 1990; *The Smart Gardeners Guide to Common Names of Plants,* M Adler Rising Sun Press 1994; or *A Checklist of Economic Plants in Australia,* CSIRO 1994.

PBR HOMEPAGE ON THE WORLD WIDE WEB

The PBR office is pleased to announce the commencement of a PBR homepage on the World Wide Web on 6 February 1997. The internet address for the homepage is: **http://www.dpie.gov.au/agfor/pbr/pbr.html**

Information accessible from the homepage includes; an overall view of the PBR scheme, general information on PBR, cost of protection, members of PBR advisory committee, a list of qualified persons, addresses of UPOV member countries, the PBR Act, 1994 and PVR Act, 1987 and other relevant information on PBR in Australia. A list of all the PBR varieties can be downloaded as an Excel 5 worksheet which is updated weekly. All the necessary PBR forms can also be downloaded as Word documents. Other information includes reference articles such as "How To Propose A Name For A New Plant Variety". You are invited to meet the friendly staff of the PBR office at the Web site.

The PBR homepage will be updated from time to time based on your needs and comments. We look forward to hearing from you. Please send an email to: **doug.waterhouse@dpie.gov.au** or write to GPO Box 858, Canberra, ACT 2601 or send a fax to (06) 272 3650.

New Service Directory for Plant Varieties Journal

Advertising in the Plant Varieties Journal has been accepted since September 1996 and we now have the front, back and inside front covers booked for the next twelve months. Major advertising is still restricted to the covers. However, as we have received further enquiries we now plan to publish a Service Directory at the back of the Journal commencing with Volume 10 No 2 (August) provided there is sufficient interest.

Each page will feature twelve 6cm x 6cm *mono advertisements – the cost to be $50.00 per ad. The yearly discount rate does not apply.

The Service Directory is designed for you to advertise your service. If you are a plant breeder, agent, patent attorney, consultant qualified person, photographer or CTC site, then consider this opportunity to advertise in the Plant Varieties Journal.

For more information please contact Kathryn Dawes-Read on (06) 272 4228.

* black and white

LEGAL ISSUES ASSOCIATED WITH PBR

This is the first in a series of columns on legal issues and has been produced in response to the growing number of inquiries from grantees on how best to commercialise their variety.

If you have any questions or issues that you would like addressed in future articles, please send or fax them to the address listed on page 1 of this journal.

Contributed articles may not necessarily represent the position, policy or proceedures of the PBR office.

Some dot points to consider when commercially exploiting a plant variety

by *Edwina Menzies* and *Jamie Wodetzki* of Minter Ellison

Before you have applied for PBR

- Ideally, you should lodge your application for PBR before you commercialise a new variety. However, if you choose to, you can sell the variety for up to one year in Australia or, if sold in an overseas country, for six years in the case of trees and vines (four years for all other species.)

- You should also be aware that 'sale' includes letting on hire or exchange by way of barter. This has implications for the way a variety is tested by third parties, especially if the resultant plants or harvested material are disposed of in a commercial way.

Licensing PBR

- The PBR Act gives an owner of PBR the exclusive right to (or to licence another person to) sell, produce or reproduce, import, export, stock, condition a variety protected by PBR.

- Frequently an owner of a variety protected by PBR will licence these rights to a third person (a licensee) in return for some type of payment. This is usually because the licensee is in a better position to maximise returns.

- When an owner wants to licence rights to a licensee, they need to enter into a licence agreement which sets out exactly what the licensee is allowed to do (and not allowed to do). It is in the interests of both parties to have a clear licence agreement as it avoids misunderstandings later on. A licence is a completely commercial arrangement and may include obligations less or more extensive than the rights conferred by PBR.

- A licence of PBR has a lot in common with any licence of technology, but there are some things that are particularly relevant to PBR.

Outline of Key Provisions in a PBR Licence Agreement

Scope of the licence

- A clear description of the variety or varieties covered by the licence.
- A statement indicating the specific ways in which the variety can be exploited.
- Any restrictions on the licence, e.g. is it for a particular purpose or territory? Is it exclusive or can the owner grant licences to other people for the same variety for the same purpose in the same territory? Can or is the licensee required to grant sub-licences?
- When does the licence end, and under what circumstances can it be ended earlier? Under what circumstances can it be extended? What happens to any residual material?
- Rights to use the name of the variety, and any other restrictions or specific requirements.

Payments

- Fees payable, on what basis (e.g. per plant propagated, grown or sold; percentage of income from sub-licences; yearly fees; fees per production unit) and how often.
- If it is for a territory other than Australia, the currency of payment and how receipts in other currencies are to be handled.

Performance Requirements

- Any specific labelling requirements.
- Marketing obligations, including minimum performance obligations (e.g. must propagate and sell a certain number of plants, or must pay a certain minimum fees).
- Quality control – perhaps a right to inspect.
- Reporting.

Intellectual Property Rights Issues

- Mutations – Usually the licensee is required to notify the licensor should a mutation occur, though exclusive licence-back arrangements are likely to cause trouble if challenged. There remains the possibility that the mutation could be deemed to be essentially derived in which case the licensee and licensor could jointly apply for PBR in the mutant variety. Usually the licensor will want some option to licence back.
- What happens if somebody else infringes the PBR in the licensed variety, or if somebody else claims that the licensed variety infringes their PBR?
- If confidential information is to be provided, provisions requiring confidentiality to be kept.

Liability

- Specify who is liable if particular things go wrong.

In the next issue we will look at provisions that should <u>not</u> be in a licence agreement.

Important Changes

Current PBR Forms

The official forms for PBR purposes are periodically updated. A list of current PBR forms with their numbers and date of last update is given below. When a form is updated, the month and the year of the last update follows the form number within parentheses. For example, Form P1 was last updated in July 1996 and therefore this form gets a designation of Form P1 (7/96). We encourage you to use the latest version of the forms. If you do not have the latest updated version of the form(s) you want to use, please contact the PBR office to obtain them.

Name of Form	Form Number	Last Updated
Application for Plant Breeders Rights Part 1 – General Information	Form P1	July 1996
Application for Plant Breeders Rights Part 2 – Description of New Variety	Form P2	September 1996
Nomination of a Qualified Person	Form QP 1	October 1996
Certification by a Qualified Person	From QP 2	September 1994
Proposed Variety Names	Form DEN1	December 1995
Extension of Provisional Protection and Payment/Deferment of Examination Fee (for PVR applications)	Form EXT 1	April 1995
Extension of PBR Provisional Protection (for PBR applications)	Form EXT 2	August 1996
Status of Application	Form STAT 1	November 1995
ACRA Herbarium Specimen	Form Herb 1	May 1996

Overseas Test Reports

Many PBR applications are based on overseas DUS test reports. In the past the PBR office has obtained these reports from the relevant overseas testing authorities. Often these reports duplicated information already held by the applicant.

In many cases DUS test reports are accepted in lieu of conducting a similar trial in Australia. In this way the applicants are waived the costs of conducting a comparative trial. However, as the costs of procuring these reports were not passed on to the applicants, there is some cross subsidisation by other applications.

Starting from 1 July 1996, the PBR office will not be responsible for obtaining overseas DUS test reports on behalf of applicants. *It will be the sole responsibility of the applicants or their agents to obtain these reports.* Where applicants already have reports they are advised to submit a certified true copy of the report with the application.

Agents seeking test reports are advised to contact their principal and procure DUS test reports directly from them.

Certified true copies of DUS test reports *in English* will be accepted by the PBR office. Some test reports in other languages that closely follow UPOV Technical Guidelines may be accepted.

Further information is available from the PBR office.

Part 2 – Public Notices

Varieties Included in this Issue

ACCEPTANCES

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

AGLAONEMA
Aglaonema commutatum

'Jubilee Green'
Application No: 97/040 Accepted: 20 Mar 1997.
Applicant: **Dr B Frank Brown,** Valmaria, Florida, USA.
Agent: **Redlands Nursery Pty Ltd**, Redland Bay, QLD.

'Rembrandt'
Application No: 97/041 Accepted: 27 Feb 1997.
Applicant: **Dr B Frank Brown,** Valmaria, Florida, USA.
Agent: **Redlands Nursery Pty Ltd,** Redland Bay, QLD.

ASTERISCUS
Asteriscus maritimus

'Double Gold Coin' syn **Typ Gefullt**
Application No: 96/287 Accepted: 25 Feb 1997.
Applicant: **InnovaPlant GmbH & Co. KG.,** Gensingen, Germany.
Agent: **Protected Plant Promotions Aust Pty Ltd,** Macquarie Fields, NSW.

BARLEY
Hordeum vulgare

'Barque' syn **WI 2868**
Application No: 97/018 Accepted: 22 Jan 1997.
Applicant: **University of Adelaide, Dept. of Plant Science,** Glen Osmond, SA.

BIDENS
Bidens feruifolia

'Innbid'
Application No: 96/285 Accepted: 3 Mar 1997.
Applicant: **InnovaPlant GmbH & Co. KG.,** Gensingen, Germany.
Agent: **Protected Plant Promotions Aust Pty Ltd,** Macquarie Fields, NSW.

BITTER VETCH
Vicia ervilia

'Cazar'
Application No: 96/202 Accepted: 23 January 1997.
Applicant: **Centre for Legumes in Mediterranean Agriculture, The University of Western Australia,** Nedlands, WA.

BRACTEANTHA
Bracteantha bracteata

'Nullarbor Flame'
Application No: 97/021 Accepted: 11 Feb 1997.
Applicant: **Mark Lunghusen,** Croydon, VIC.
Agent: **Koala Blooms Australia,** Mordialloc,VIC.

'Argyle Star'
Application No: 97/037 Accepted: 27 Feb 1997.
Applicant: **Redlands Nursery Pty Ltd,** Redland Bay, QLD.

'Sunraysia Splendour'
Application No: 97/038 Accepted: 27 Feb 1997.
Applicant: **Redlands Nursery Pty Ltd,** Redland Bay, QLD.

'Menindee Magic'
Application No: 97/039 Accepted: 27 Feb 1997.
Applicant: **Redlands Nursery Pty Ltd,** Redland Bay, QLD.

CAMELLIA
Camellia sasanqua

'First Cover' syn **Classique**
Application No: 97/043 Accepted: 7 Mar 1997.
Applicant: **Peter and Ruth Donnelly,** Matcham, NSW.

CANOLA
Brassica napus

'TI 1 Pinnacle' syn **TI 1**
Application No: 97/046 Accepted: 11 Mar 1997.
Applicant: **Daratech Pty Ltd,** Melbourne, VIC.
Agent: **Ag-Seed Research Pty Ltd ,** Horsham, VIC.

CAPE DAISY
Osteospermum ecklonis

'Lusaka'
Application No: 97/053 Accepted: 20 Mar 1997.
Applicant: **C A K Soerensen,** Abyhoej, Denmark.
Agent: **Redlands Nursery Pty Ltd,** Redland Bay, QLD.

CHINESE FORGET-ME -NOT
Cynoglossum amabile

'Sweet Elise'
Application No: 97/044 Accepted: 11 Mar 1997.
Applicant: **Meadowsweet Pty Ltd,** Coromba, NSW.

DESERT LIME
Eremocitrus glauca

'Australian Outback'
Application No: 96/275 Accepted: 14 Feb 1997.
Applicant: **CSIRO- through its Division of Horticulture**, Canberra, ACT.
Agent: **Australian Native Produce Industries Pty Ltd,** Paringa, SA.

DIASCIA
Diascia hybrid

'Coral Belle'
Application No: 97/019 Accepted: 20 Mar 1997.
Applicant: **Hector D Harrison**, South Humberside, UK.
Agent: **Swane Bros Pty Ltd**, Dural, NSW.

FUNGAL ENDOPHYTE
Neotyphodium lolii

'AR1'
Application No: 97/013 Accepted: 6 Feb 1997.
Applicant: **New Zealand Pastoral Agricutural Research Institute Ltd,** Palmerston North, New Zealand.
Agent: **AgResearch Grasslands,** Albury, NSW.

HYBRID FINGER LIME
Microcitrus hybrid

'Australian Sunrise'
Application No: 96/276 Accepted: 14 Feb 1997.
Applicant: **CSIRO- through its Division of Horticulture**, Canberra, ACT.
Agent: **Australian Native Produce Industries Pty Ltd,** Paringa, SA.

'Australian Blood'
Application No: 96/277 Accepted: 14 Feb 1997.
Applicant: **CSIRO- through its Division of Horticulture**, Canberra, ACT.
Agent: **Australian Native Produce Industries Pty Ltd,** Paringa, SA.

GREVILLEA
Grevillea hybrid

'Golden Lyre'
Application No: 97/022 Accepted: 31 Jan 1997.
Applicant: **Fairhill Native Plants,** Yandina, QLD.

ITALIAN RYEGRASS
Lolium multiflorum

'Dargle' syn **LMD/90**
Application No: 97/032 Accepted: 20 Mar 1997.
Applicant: **Range and Forage Institute**, Pietermaritzburg, Republic of South Africa.
Agent: **Pacific Seeds Pty Ltd**, Toowoomba, QLD.

IVY GERANIUM
Pelargonium peltatum

'Pendresed' syn **Ville De Dresden**
Application No: 97/001 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Evka'
Application No: 97/010 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

LACY TREE PHILODENDRON
Philodendron selloum

'Little Piccolo'
Application No: 97/020 Accepted: 21 Feb 1997.
Applicant: **Biological Industries Plant Propagation Ltd,** Kibbutz Beit Haemek, Israel.
Agent: **Jacksons Nursery,** Brisbane, QLD.

LAVENDER
Lavandula hybrid

'Schola' syn **Blue Cushion**
Application No: 96/260 Accepted: 21 Feb 1997.
Applicant: **Blooms of Bressingham Ltd,** Norfolk, UK.
Agent: **Protected Plant Promotions Aust Pty Ltd,** Macquarie Fields, NSW.

'Silver Feather'
Application No: 96/265 Accepted: 27 Feb 1997.
Applicant: Protected Plant Promotions Aust Pty Ltd, Macquarie Fields, NSW and **The University of Sydney, Plant Breeding Institute,** Cobbitty, NSW.
Agent: **The University of Sydney, Plant Breeding Institute,** Cobbitty, NSW.

MANGO
Mangifera indica

'Celebration'
Application No: 96/230 Accepted: 31 Jan 1997.
Applicant: **Northern Territory of Australia C/-Dept. Primary Industries and Fisheries** and **Australian Tropical Produce Pty Ltd**, Darwin, NT.
Agent: **Northern Territory of Australia C/-Dept. Primary Industries and Fisheries,** Darwin, NT.

'TP 1'
Application No: 97/029 Accepted: 13 Feb 1997
Applicant: **S Y Hew and T M Siah,** Palmerston, NT.

MARGUERITE DAISY
Argyranthemum frutescens

'Annie Petite' syn **M 5/10**
Application No: 97/027 Accepted: 6 Mar 1997.
Applicant: **Frank Hammond,** Narre Warren East, VIC.

'Julie Anna' syn **M 5/01**
Application No: 97/028 Accepted: 6 Mar 1997.
Applicant: **Frank Hammond,** Narre Warren East, VIC.

NECTARINE
Prunus persica var *nucipersica*

'99LB329'
Application No: 96/223 Accepted: 21 Feb 1997.
Applicant: **Zaiger's Inc. Genetics**, California, USA.
Agent: **Fleming's Nurseries and Associates Pty Ltd,** Monbulk, VIC.

PEACH
Prunus persica

'7GC153'
Application No: 96/221 Accepted: 21 Feb 1997.
Applicant: **Zaiger's Inc. Genetics,** California, USA.
Agent: **Fleming's Nurseries and Associates Pty Ltd,** Monbulk, VIC.

PERENNIAL RYEGRASS
Lolium perenne

'LP 147'
Application No: 97/025 Accepted: 31 Jan 1997.
Applicant: **Agriseeds Holdings Ltd,** Christchurch, New Zealand.
Agent: **Heritage Seeds,** Mulgrave, VIC.

PERSIAN CLOVER
Trifolium resupinatum

'Nitro Plus'
Application No: 97/035 Accepted: 14 Mar 1997.
Applicant: **Chief Executive Officer of Agriculture Western Australia**, South Perth, WA.

'Persian Prolific'
Application No: 97/036 Accepted: 14 Mar 1997.
Applicant: **Chief Executive Officer of Agriculture Western Australia**, South Perth, WA.

POTATO
Solanum tuberosum

'Latona' syn **VDZ 83-60**
Application No: 96/283 Accepted: 3 Jan 1997.
Applicant: **Coop "de Z.P.C." B.A.,** Leeuwarden, The Netherlands.
Agent: **Harvest Moon,** Forth, TAS.

'HAV 84-3'
Application No: 96/284 Accepted: 3 Jan 1997.
Applicant: **Coop "de Z.P.C." B.A.,** Leeuwarden, The Netherlands.
Agent: **Harvest Moon,** Forth, TAS.

RED-PULP FINGER LIME
Microcitrus australasica var *sanguinea*

'Rose Gem' syn **T1**
Application No: 97/017 Accepted: 31 Jan 1997.
Applicant: **Erika Birmingham,** Bangalow, NSW.

ROSE
Rosa

'Helsufair' syn **Super Fairy**
Application No: 96/281 Accepted: 3 Jan 1997.
Applicant: **Karl Hetzel,** Oberderdingen, Germany.
Agent: **Fradee Nursery,** Tahmoor, NSW.

'Meitebros' syn **The Children's**
Application No: 97/026 Accepted: 10 Feb 1997.
Applicant: **Meilland International,** Le Luc en Provence, France.
Agent: **Ross Roses,** Willunga, SA.

'Tanmirsch' syn **Golden Touch**
Application No: 97/042 Accepted: 3 Mar 1997.
Applicant: **Rosen Tantau, Mathias Tantau Nachfolger**, Uetersen, Germany.
Agent: **S. Brundrett & Sons,** Narre Warren North, VIC.

SCAEVOLA (FANFLOWER)
Scaevola aemula

'Summertimes Blues'
Application No: 96/286 Accepted: 3 Mar 1997.
Applicant: **InnovaPlant GmbH & Co. KG.,** Gensingen, Germany.
Agent: **Protected Plant Promotions Aust Pty Ltd,** Macquarie Fields, NSW.

SHORE JUNIPER
Juniperus conferta

'No. 001'
Application No: 96/267 Accepted: 28 Jan 1997.
Applicant: **Plantnet Pty Ltd,** Mulgoa, NSW and **Sagacrest Pty Ltd,** Pheasant Nest, NSW.
Agent: **Plants Management Australia Pty Ltd,** Warragul, VIC.

STRAWBERRY
Fragaria xananassa

'Tallara' syn **88-022-296**
Application No: 96/288 Accepted: 14 Jan 1997.
Applicant: **Daratech Pty Ltd,** Melbourne, VIC.

'Tallee' syn **90-008-793**
Application No: 96/289 Accepted: 14 Jan 1997.
Applicant: **Daratech Pty Ltd,** Melbourne, VIC.

'Kalang' syn **88-015-150**
Application No: 96/290 Accepted: 14 Jan 1997.
Applicant: **Daratech Pty Ltd,** Melbourne, VIC.

'Adina' syn **89-064-2**
Application No: 96/291 Accepted: 14 Jan 1997.
Applicant: **Daratech Pty Ltd,** Melbourne, VIC.

SUGARCANE
Saccharrum hybrid

'Q 168' syn **85S698**
Application No: 97/047 Accepted: 12 Mar 1997.
Applicant: **Bureau of Sugar Experiment Stations,** Indooroopilly, QLD.

'Q 169' syn **85S1894**
Application No: 97/048 Accepted: 12 Mar 1997.
Applicant: **Bureau of Sugar Experiment Stations,** Indooroopilly, QLD.

UROCHLOA
Urochloa mosambicensis

'Saraji' syn **CPI 60128**
Application No: 97/052 Accepted: 20 Mar 1997.
Applicant: **CSIRO Tropical Agriculture**, St. Lucia, QLD.

WALLFLOWER
Erysimum bicolor

'Lilac Joy'
Application No: 97/015 Accepted: 6 Mar 1997
Applicant: **Terry Hatch,** Pukekohe East, New Zealand.
Agent: **Plant Growers Australia Pty Ltd,** Wonga Park.

ZONAL GERANIUM
Pelargonium zonale

'Bergpalais'
Application No: 97/002 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Jana'
Application No: 97/003 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Pensid' syn **Sidonia**
Application No: 97/004 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Glacis'
Application No: 97/005 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Sassa'
Application No: 97/006 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Sassy Dark Red'
Application No: 97/007 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Lovesong'
Application No: 97/008 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Orapin'
Application No: 97/009 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Penosa' syn **Osna 2**
Application No: 97/011 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

'Pendaco' syn **Signal**
Application No: 97/012 Accepted: 23 Jan 1997.
Applicant: **Elsner pac Jungpflanzen,** Dresden, Germany.
Agent: **Geranium Cottage Nursery,** Round Corner, NSW.

DESCRIPTIONS

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

*	=	variety(s) used as comparator(s)
Agent	=	Australian agent acting on behalf of an applicant (usually where application is from overseas).
DUS	=	Distinctiveness, Uniformity and Stability
LSD	=	Least Significant Difference
LSD/sig	=	The numerical value for the LSD (at P≤0.01) is in the first column and the level of significance between the candidate and the relevant comparator in subsequent columns
ns	=	not significant
RHS	=	Royal Horticultural Society Colour Chart (Chip Number)
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 can not 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≤0.01
Origin	=	unless otherwise stated the female parent of the cross precedes the male parent
(Þ	=	variety(s) for which PBR has been granted

ANTHURIUM
Anthurium hybrid

'Champion'

Application No: 95/252 Accepted: 20 Nov 1995.
Applicant: **Anthura BV,** Anthuriumweg 14, Bleiswijk, Holland.
Agent: **W&E Sieverding Wholesale Nursery,** Kemps Creek, NSW.

Description (Figure 23) Plant: small, medium branching, perennial. Shoot: base red-brown. Leaf: small, broad ovate, lobes absent, tip acute, light-medium green, petiole short. Peduncle: short, light green, distal half with red glow. Spathe: medium, broad-elliptic, lobes free, tip narrow-acute, white (RHS 155A), veins pink-red glow; distance between spadix and sinus very short; Spadix: length medium, width medium, weakly recurved, basal part red (RHS 54A), top red (RHS 47A).

Origin Controlled pollination: *Anthurium andreanum* hybrids. Breeder: NGHM van der Knaap, Bleiswijk, Holland. Selection criteria: compact growth, vigorous shoots, distinctive small leaves, flowers with cupped spathe held above canopy. Propagation: tissue culture.

Comparative Trial Comparator: 'Valentino'. Location: Raad voor het Kwekersrecht, Wageningen, Holland. The Qualified Person states that 'Champion' is clearly distinct from common varieties in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Holland	1993	Granted	'Champion'
Germany		Pending	'Champion'
Belgium		Pending	'Champion'
Japan		Pending	'Antampio'
USA	1995	Granted	'Champion'

First sold Holland 1993.

Description: **Mike Barrett and Associates,** Beecroft, NSW.

ASTERISCUS
Asteriscus maritimus

'Double Gold Coin' syn **Typ Gefullt**

Application No: 96/287 Accepted: 25 Feb 1997.
Applicant: **Innova Plant GmbH & Co KG,** Gensingen, Germany.
Agent: **Protected Plant Promotions,** Macquarie Fields, NSW.

Description (Table 1, Figure 25) Plant: short, upright, branching, perennial. Stem: erect, pubescent, internodes short, anthocyanin absent. Leaf: oblanceolate-spathulate, alternate, entire, base sessile, apex obtuse, weak reflexing longitudinally, weak folding, colour yellow green RHS 147A. Inflorescence: terminal. Capitula: medium, double, many whorls of ray florets, receptacle shape domed flat. Ray floret: horizontal outside to upright inside, longitudinal axis straight, two keels, tip dentate, colour inside yellow orange (RHS 13A- 14A), outside yellow (RHS 5C-6C). Involucre: cylindrical. Involucral bracts: spathulate, adpressed, medium overlapping, colour yellow green (RHS 147A).

Origin Spontaneous mutation: wild *Asteriscus maritimus*. Breeder: Helmut Kientzler, Algarve, Portugal. Selection Criteria: double flower form. Propagation: cuttings through many generations.

Comparative Trial Comparator: 'Gold Coin'. Location: Colourwise Nursery (NSW) Pty Ltd, Glenorie, NSW, Jun 1996 – Oct 1996. Conditions: plants were raised in Debco® Light Weight Potted Colour Mix with Saturaid® and slow release nutrients. in 140 mm pots in open beds with overhead irrigation. Trial design: 10 plants arranged in completely randomised design. Measurements: taken from 10 specimens selected from 10 plants.

Prior Applications and Sales Nil.

Description: **Ian Paananen,** Kincumber, NSW.

Table 1 *Asteriscus* varieties

	'Double Gold Coin'	* 'Gold Coin'
PLANT HEIGHT (mm)		
mean	190	247
std deviation	23.8	17.2
LSD/sig	26.2	P≤0.01
INTERNODE LENGTH (mm)		
mean	14.6	7.53
std deviation	4.1	2.5
LSD/sig	4.28	P≤0.01
LEAF LENGTH (mm)		
mean	37.93	26.58
std deviation	6.5	2.8
LSD/sig	6.33	P≤0.01
PEDUNCLE LENGTH (mm)		
mean	12.87	5.03
std deviation	4.3	1.1
LSD/sig	3.95	P≤0.01
INFLORESCENCE HEIGHT (mm)		
mean	17.68	14.64
std deviation	4.9	1.7
LSD/sig	2.22	P≤0.01
RAY FLORET WIDTH (mm)		
mean	5.14	4.45
std deviation	0.34	0.31
LSD/sig	0.41	P≤0.01
RAY FLORET – NUMBER OF WHORLS	many	single row
INVOLUCRAL BRACT SHAPE	cylindrical	campanulate
RECEPTACLE SHAPE	domed flat	conical flat

BARLEY
Hordeum vulgare

'Molloy' syn WABAR519

Application No: 96/246 Accepted: 23 Dec 1996.
Applicant: **Chief Executive Officer, Agriculture Western Australia,** Perth, WA.

Description (Table 2, Figure 46) Plant: feed grade spring barley, habit semi erect, height short, maturity medium. Leaf: flag leaf auricle anthocyanin colouration weak. Stem: short stiff straw which resists lodging. Ear: recurved, 2 row, parallel. Awn: long, anthocyanin colouration absent. Grain: husk present, sterile spikelets parallel, glume awn\grain ratio short, rachis curvature weak, rachilla length medium, hairs short; lemma spiculation weak, ventral furrow hairs absent; lodicules clasping. Toxicity tolerance: tolerant of soils with high levels of boron.

Origin Controlled pollination: 'WARI2-38' x '72S:267' 1983. Breeder: Peter Portmann and Dr Ross Gilmore, Perth, WA. Selection criteria: increased yield, agronomic and grain quality traits suited to the medium and high rainfall zones of the southern agricultural areas of Western Australia. Propagation: seed through 5 generations of selection and then 6 years of performance testing.

Comparative Trial Comparators: 'Stirling', 'O'Connor'. Location: Avon Districts Agricultural Centre Northam WA, May 1996 – Jan 1997. Conditions: plants were raised in red gravely loam pH 5.5 in $CaCl_2$ in open beds. Trial design: plants arranged in randomised complete blocks 10m long x 1.42m (8 rows) wide in 2 replicates. Measurements: taken from 10 random specimens per replicate from approximately 2000 plants.

Prior Applications and Sales Nil.

Description: **David Collins, Agriculture Western Australia,** Northam, WA.

Table 2 *Hordeum* varieties

	'Molloy'	*'Stirling'	*'O'Connor'
PLANT GROWTH HABIT	semi-erect	intermediate	erect
PLANT LENGTH (mm) – stem, ears, awns			
mean	683.5	763.2	796.2
std deviation	56.89	49.18	68.54
LSD/sig	51.9	P≤0.01	P≤0.01
PLANT HEIGHT (1=very short, 5=medium, 9=very long)	3	5	7
FLAG LEAF- intensity anthocyanin colouration of auricles	weak	strong	weak
EAR DENSITY- whole ear			
mean	5.69	6.08	5.76
std deviation	0.27	0.29	0.25
LSD/sig	0.26	P≤0.01	ns
PRIMARY EAR LENGTH (mm) – excluding awns			
mean	67.68	70.31	79.60
std deviation	7.28	5.60	7.59
LSD/sig	6.81	ns	P≤0.01
PRIMARY EAR SPIKELET NUMBER – one side of ear			
mean	11.95	11.60	13.80
std deviation	1.06	1.50	1.18
LSD/sig	1.2	ns	P≤0.01
AWN – anthocyanin colouration of tips			
presence	absent	present	absent
intensity (1=absent\very weak, 9=very strong)	1	9	1
AWN LENGTH (mm) from tip of ear			
mean	94.92	101.81	106.93
std deviation	4.21	11.7	6.33
LSD/sig	7.05	ns	P≤0.01
RACHIS:LENGTH FIRST SEGMENT (mm)			
mean	4.54	2.79	3.29
std deviation	0.98	0.25	0.24
LSD/sig	0.55	P≤0.01	P≤0.01

RACHIS:CURVATURE OF FIRST SEGMENT (1=absent/weak, 9= very strong)			
	3	7	5
STERILE SPIKELET ATTITUDE: in mid third of ear			
	parallel\ weakly divergent	divergent	divergent
GRAIN: SPICULATION OF INNER NERVES OF LEMMA (1=absent\weak, 9=very strong)			
	1	5	3

BIDENS
Bidens feruifolia

'Innbid'

Application No: 96/285 Accepted: 3 Mar 1997.
Applicant: **Innovaplant GmbH & Co KG,** Gensingen, Germany.
Agent: **Protected Plant Promotions,** Macquarie Fields, NSW.

Description (Table 3, Figure 24) Plant: compact, upright, spreading, perennial. Stem: erect, pubescence absent, internodes short, anthocyanin present, colour yellow green RHS 144B. Leaf: bipinnatisect, opposite, colour green RHS 137A. Inflorescence: terminal. Capitula: small, single, ray florets small, length 11mm, width 8mm, weak reflexing longitudinally. Ray floret: horizontal, two keels, tip weakly dentate to emarginate, colour yellow orange RHS 14A, reverse yellow orange RHS 14B; anther and stigma colour yellow RHS 13B. Involucre: cylindrical. Involucral bracts: oblong, free, weak overlapping, colour green RHS 137B.

Origin Induced mutation: 'Goldmarie'. Breeder: Hendrick Theobald, Ingelheim, Germany. Selection criteria: compact growth habit, short internodes. Propagation: cuttings through many generations.

Comparative Trial Comparator: 'Gold Mound'. Location: Colourwise Nursery (NSW) Pty Ltd, Glenorie, NSW Aug 1996 – Nov, 1996. Conditions: plants were raised in Debco® Light Weight Potted Colour Mix with Saturaid® and slow release nutrients in 140mm pots in open beds with overhead irrigation. Trial design: 10 plants arranged in completely randomised design. Measurements: taken from 10 random specimens selected from 10 plants.

Prior Applications and Sales

Country	Year	Status	Name Applied
Europe	1996	Pending	'Innbid'

First sold Germany 1996.

Description: **Ian Paananen,** Kincumber, NSW.

Table 3 *Bidens* varieties

	'Innbid'	* 'Gold Mound'
PLANT HABIT	compact/upright	spreading
PLANT HEIGHT (mm)		
mean	227	284
std deviation	1.97	2.59
LSD/sig	2.91	P≤0.01
PLANT WIDTH (mm)		
mean	360	892
std deviation	3.49	12.5
LSD/sig	11.59	P≤0.01
INTERNODE LENGTH (mm)		
mean	25.9	73.6
std deviation	3.86	19.67
LSD/sig	17.89	P≤0.01
LEAF WIDTH (mm)		
mean	32.0	40.5
std deviation	2.72	5.19
LSD/sig	5.23	P≤0.01
INFLORESCENCE DIAMETER (mm)		
mean	21.68	35.06
std deviation	1.35	0.98
LSD/sig	1.48	P≤0.01
RAY FLORET COLOUR (RHS)		
outer	14A	12A – 13A
inner	14B	13B
RAY FLORET LENGTH (mm)		
mean	11.1	18.6
std deviation	0.66	1.24
LSD/sig	1.26	P≤0.01
RAY FLORET WIDTH (mm)		
mean	8.2	11.4
std deviation	0.55	0.47
LSD/sig	0.64	P≤0.01

BOUGAINVILLEA
Bougainvillea hybrid

'Pedro'

Application No: 95/171 Accepted: 28 Jun 1995.
Applicant: **Peter and Jan Iredell,** Moggill, QLD.

Description (Table 4, Figure 34) Plant: size small to medium compact, growth habit bushy. Stem: very slightly hairy, axillary thorns minimum, internodes short. Leaf: size fairly even, length 67mm – 84mm x width 48mm-53mm; yellow green (RHS 137A -139A) pale on underside; broadly ovate, apex shortly accuminate, base shortly attenuate, margins smooth. Bract: size medium length 40mm-45mm x width 26mm x 30mm; colour (full sun) initial greyed-red group (RHS 181A), immature red group (RHS 47A), mature red group (RHS 47A). Flower: creamy white, flower tube slender, upper half slightly narrowed, length 20mm.

Origin Seedling selection: seedling no. 8 from selected seedling no. 3 of *Bougainvillea spectabilis* 'Lateritia'.

Breeder: Peter and Jan Iredell, Moggill QLD. Selection criteria: small, compact size, almost continuous flowering, thorns minimal, cold tolerance and resistance to leaf spot and leaf drop in wet conditions. Propagation: cutting through six generations.

Comparative Trial Comparators: 'Sanderiana', 'Pink Clusters'. Location: Moggill, QLD Oct 1994 – Jun 1995. Conditions: plants raised in soilless media in 140mm pots with 3g/L 3-4 months slow release Osmocote, in 200mm pots with 4g/L 5-6 months slow release Osmocote and in 300mm pots with 3g/L 6-9 months slow release Osmocote under Rheem Solarweave. Normal cultural practices except pruning were carried out. Trial design: 20 x 140mm pots, 20 x 200mm pots and 2 x 300mm pots of 'Pedro'; 3 x 140mm pots, 3 x 200mm pots and 3 x 300mm pots of 'Pink Clusters'; 3 x 140mm pots and 3 x 200mm pots of 'Sanderiana' arranged in random order. Measurements: on all available plants.

Prior Applications and Sales Nil.

Description: **Jan Iredell,** Moggill, QLD.

Table 4 *Bougainvillea* varieties

	'Pedro'	***'Sanderiana'**	***'Pink Clusters'**
INITIAL BRACT COLOUR			
	greyed red	purple violet	greyed purple
RHS	181A	81A	186A
IMMATURE BRACT COLOUR			
	red	purple violet	greyed purple
RHS	47A	81A	186A
MATURE BRACT COLOUR			
	red	purple violet	greyed red
RHS	47A	81A	179C

BRACHYSCOME
Brachyscome hybrid

'Lemon Twist' syn PGA. BRAC 93/3

Application No: 94/144 Accepted: 22 Jun 1994.
Applicant: **Plant Growers Australia Pty Ltd,** Wonga Park, VIC.

Description (Table 5, Figure 27) Plant: low growing, compact, perennial herb. Leaf: short, dark green, narrowly oblanceolate. Inflorescence: capitulum borne on short peduncle, inflorescence diameter small, disc composed of numerous yellow bisexual disc florets, ray florets female, upper surface of ray floret deep yellow (RHS 3B).

Origin Controlled pollination: *Brachyscome multifida* x *Brachyscome curvicarpa*. Breeder: A Salmon, Plant Growers Australia Pty Ltd, VIC. Selection criteria: compact growth habit, short flowering stems and deep yellow ray florets. Propagation: vegetative by cutting for at least eight generations.

Comparative Trial Comparator: 'Sunburst'(Φ) . Location: Myrtleford, VIC Mar 1996 – Oct 1996. Conditions: plants maintained in 150mm containers in pinebark based medium; grown in the open, full sun with overhead irrigation; pruned and top-dressed in late autumn. Trial design: randomised complete block. Measurements: 15 plants of each variety.

Prior Applications and Sales
First sold Australia 1995.

Description: **Alexander Salmon, Florabella Australia,** Gapsted, VIC.

Table 5 *Brachyscome* varieties

	'Lemon Twist'	***'Sunburst'**(Φ)
PLANT HABIT	compact	upright/sprawling
PLANT HEIGHT (cm)		
mean	11.9	29.1
std deviation	1.8	1.9
LSD/sig	1.88	P≤0.01
LEAF LENGTH (mm)		
mean	28.3	52.1
std deviation	3.3	4.5
LSD/sig	2.7	P≤0.01
PEDUNCLE LENGTH (cm)		
mean	6.2	14.7
std deviation	0.6	1.3
LSD/sig	6.96	P≤0.01
INFLORESCENCE DIAMETER (mm)		
mean	16.8	25.7
std deviation	1.32	4.7
LSD/sig	2.3	P≤0.01
RAY FLORET		
colour	dark yellow	yellow
RHS	3B	3D

BRACHYSCOME
Brachyscome segmentosa

'Misty Mauve' syn 92.PGASEG/1

Application No: 94/141 Accepted: 21 Jun 1994.
Applicant: **Plant Growers Australia Pty Ltd,** Wonga Park, VIC.

Description (Table 6, Figure 28) Plant: compact, mounded perennial herb. Leaf: dark green, oblanceolate, deeply divided. Inflorescence: diameter medium to large, disc composed of numerous yellow bisexual disc florets; ray florets female, upper surface of ray mauve (RHS 81D).

Origin Open pollination: *Brachyscome segmentosa*. Breeder: A Salmon, Plant Growers Australia Pty Ltd, VIC. Selection criteria: compact growth habit, large flowers with mauve rays. Propagation: vegetatively by cuttings for at least eight generations.

Comparative Trial Comparators: 'Happy Face Pink', *Brachyscome segmentosa*. Location: Myrtleford, VIC Mar 1996 – Oct 1996. Conditions: plants maintained in 150mm containers in pinebark based medium; grown in the open, full sun with overhead irrigation; pruned and top-dressed in late autumn. Trial design: randomised complete block. Measurements: 15 plants of each variety.

Prior Applications and Sales
First sold Australia 1996.

Description: **Alexander Salmon, Florabella Australia,** Gapsted, VIC.

Table 6 *Brachyscome* varieties

	'Misty Mauve'	*'Happy Face Pink'	**Brachyscome segmentosa*
PLANT HABIT			
	compact/ upright	semi-prostrate	compact/ upright
LEAF WIDTH (mm)			
mean	24.1	31.3	21.8
std deviation	3.3	2.4	3.6
LSD/sig	2.12	P≤0.01	P≤0.01
INFLORESCENCE DIAMETER (mm)			
mean	33.1	43.3	33.7
std deviation	2.5	4.2	3.9
LSD/sig	2.5	P≤0.01	ns
RAY FLORET LENGTH (mm)			
mean	13.0	16.7	13.3
std deviation	1.9	2.3	1.0
LSD/sig	1.3	P≤0.01	ns

CAMELLIA
Camellia sasanqua

'First Cover' syn Classique

Application No: 97/043 Accepted: 7 Mar 1997.
Applicant: **Peter & Ruth Donnelly,** Matcham NSW.

Description (Table 7, Figure 33) Plant: low growing, prostrate shrub. Leaf: narrow, lanceolate. Flower: single-semi double, colour pale-mid pink. Bud: colour RHS 66C. Petal: colour midzone RHS 73D, margin RHS 66D. Early flowering mid Feb in NSW.

Origin Chance seedling: unknown parentage. Breeder: Peter Donnelly, Coachwood Nursery, Matcham, NSW. Selection criteria: prostrate growth habit, early flowering. Propagation: vegetative through nine generations.

Comparative Trial Comparator: 'Tanya'. Location: Matcham, NSW. Conditions: plants grown in 175mm pots in standard nursery media in the open. Trial design: randomised complete block with twenty four replicates of each variety. Measurement: taken from each replicate.

Prior Applications and Sales Nil.

Description: **Peter Donnelly,** Matcham. NSW.

Table 7 *Camellia* varieties

	'First Cover'	*'Tanya'
PLANT		
flowering time – first open flower		
	mid Feb	mid Mar
growth habit	prostrate	semi-erect
PLANT HEIGHT (cm)		
mean	30.8	41.9
std deviation	8.4	10.2
LSD/sig	5.69	P≤0.01
PLANT WIDTH (cm)		
mean	59.5	40.8
std deviation	11.9	5.4
LSD/sig	4.72	P≤0.01
PLANT HEIGHT : WIDTH RATIO		
mean	0.54	1.05
std deviation	0.18	0.32
LSD/sig	0.14	P≤0.01
LEAF CHARACTERISTICS		
shape	lanceolate	ovate
apex	acute	acute-mucronate
PETAL COLOUR (RHS)		
bud	66C	61B
petal – midzone	73D	73B
petal – margin	66D	66B

CLEMATIS
Clematis montana x *Clematis sperneri*

'Jenny Keay'

Application No: 96 /056 Accepted: 1 May 1996.
Applicant: **ML Gerard & Co Ltd,** Christchurch, New Zealand.
Agent: **Drew Phillips,** Silvan, VIC.

Description (Figure 30) Plant: woody, deciduous, climbing, open, height medium, width narrow to medium. Mature Leaf: compound, trifoliate, length medium (3.3cm - 7.3cm), width medium (6.0cm – 8.5cm), petiole length short (3.6cm – 6.0cm), terminal leaflet narrow (1.8cm - 2.5cm), margin lobed, colour of upper surface medium green, colour of lower surface medium to light green, arrangement opposite, pubescence of underside weak, thickness medium, venation upperside medium, lowerside strong, leaflet shape ovate-lanceolate. Pedicel: erect. Flower: type semi double to double, shape rotate, arrangement inflorescence, density loose, diameter medium (4.5cm -7.0cm), number of petaloids many (12 – 22), fragrance weak. Sepal: colour of upperside yellow green RHS 150D, marginal anthocyanin present, shape of tip rounded to slightly emarginate, pubescence (inner side) absent to very weak, filament colour white green, colour of anthers yellow green, style length short, anthers below stigma, flower habit once per year (late Oct-late Nov) on old wood .

Origin Chance seedling: *Clematis montana* x *Clematis sperneri*, 1995. Breeder: Alister Keay, Christchurch, New Zealand. Selection criteria: flower colour, number of petals, flower size. Propagation: cuttings through three generations.

Comparative Trial Based on overseas data from the NZ PBR Office and verified by the qualified person. The comparative trial was conducted in Christchurch, New Zealand in 1995-96. The qualified person considers 'Starlight' to be the closest comparator available in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
New Zealand	1996	Granted	'Jenny'

First sold New Zealand 1996.

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

EVENING PRIMROSE
Oenothera rosea

'Ballerina Hot Pink' syn **Prima Donna**

Application No: 95/242 Accepted: 1 Nov 1995.
Applicant: **Daniel McDonald & Ian Collins,** NSW.
Agent: **Colourwise Nursery (NSW) Pty Ltd,** Glenorie, NSW.

Description (Table 8, Figure 26) Plant (pre-bolting): medium, upright. Stem: erect, pubescent, internodes short, anthocyanin absent, pod density sparse. Leaf: mature leaf lyrate-elliptical (pre-bolting); lanceolate-elliptical dominate post-bolting; alternate, medium-strong serration, weakening post-bolting, base sessile, apex acute, colour green RHS 137A-137B, glossiness absent. Inflorescence: indeterminate. Flower bud/calyx: anthocyanin present, striped with red purple RHS 59A – greyed purple RHS 187B. Corolla: medium petal colour red purple RHS 66D, petal base colour yellow green RHS 154A, stigma above anthers.

Origin Open pollination: *Oenothera rosea*. Breeder: Daniel McDonald, Seven Hills, NSW. Selection criteria: different flower colour. Propagation: cuttings through many generations.

Comparative Trial Comparator: 'Compacta'. Location: Colourwise Nursery (NSW) Pty Ltd, Glenorie, NSW, Jun 1996 – Oct 1996. Conditions: plants were raised in Debco® Light Weight Potted Colour Mix with Saturaid® and slow release nutrients. in 140 mm pots in open beds with overhead irrigation. Trial design: 10 plants arranged in completely randomised design. Measurements: taken from 10 random specimens selected from 10 plants.

Prior Applications and Sales
First sold Australia 1996.

Description: **Ian Paananen,** Kincumber, NSW.

Table 8 *Oenothera* varieties

	'Ballerina Hot Pink'	*** 'Compacta'**
PLANT HEIGHT (cm)		
mean	28.7	24.1
std deviation	1.16	1.04
LSD/sig	1.39	P≤0.01
INTERNODE LENGTH (mm)		
mean	24.7	11.0
std deviation	6.94	3.93
LSD/sig	7.12	P≤0.01
LEAF MARGIN UNDULATION (pre-bolting)	very strong	strong
LEAF LENGTH (mm)		
mean	59.0	47.4
std deviation	4.88	10.35
LSD/sig	10.21	P≤0.01
LEAF WIDTH (mm)		
mean	18.3	10.0
std deviation	1.22	1.64
LSD/sig	1.82	P≤0.01
CALYX/BUD STRIPE COLOUR (RHS)	59A-187B	59A-187B (less prominent)
FLOWERING/BOLTING	2 weeks earlier than 'Compacta'	Oct/Nov
FLOWER DIAMETER (mm)		
mean	41.7	53.5
std deviation	3.38	3.72
LSD/sig	4.49	P≤0.01
PETAL COLOUR (RHS)		
main colour	66D	84C (margins and veins) over 154A background
PETAL WIDTH (mm)		
mean	29.31	35.32
std deviation	2.12	2.28
LSD/sig	2.77	P≤0.01

LAVENDER
Lavandula stoechas

'Magenta Aurora' syn **Swan River Pink**

Application No: 95/238 Accepted: 6 Nov 1995.
Applicant: **K & G Napier,** Martin via Roleystone, WA.
Agent: **Australian Perennial Growers,** Ballina, NSW.

Description (Table 10, Figure 21) Plant: medium, compact, strongly branched, aromatic shrub, foliage light green RHS 137B, grey tinge present. Stem: erect, leaves opposite, decussate. Leaf: medium length, sessile, linear, entire, acute apex, occasional twisting, pubescent. Inflorescence: spike,

peduncle flexible, striped distally, short. Ear: length medium, width medium, cylindric conic. Terminal bract: short, infertile, usually 6-7 present, colour RHS 69C, veins present colour red purple (RHS 72A-72B). Corolla: colour RHS 72A.

Origin Spontaneous mutation: *Lavandula stoechas*. Breeders: Kristine and Geoffrey Napier, WA. Selection criteria: terminal bract and corolla colour. Propagation: cuttings through many generations.

Comparative Trial Comparator: *Lavandula stoechas*. Location: Colourwise Nursery (NSW) Pty Ltd, Glenorie, NSW, Jun 1996 – Oct, 1996. Conditions: plants were raised in Debco® Light Weight Potted Colour Mix with Saturaid® and slow release nutrients in 140 mm pots in open beds with overhead irrigation. Trial design: 10 plants arranged in completely randomised design. Measurements: taken from 10 random specimens selected from 10 plants.

Prior Applications and Sales Nil.

Description: **Ian Paananen,** Kincumber, NSW.

Table 10 *Lavandula* varieties

	'Magenta Aurora'	**** Lavandula stoechas***
LEAF COLOUR (RHS)		
	137B	137A
LEAF LENGTH (mm)		
mean	33.0	36.6
std deviation	2.87	2.46
LSD/sig	3.37	P≤0.01
LEAF WIDTH (mm)		
mean	6.81	8.96
std deviation	1.27	1.48
LSD/sig	1.74	P≤0.01
PEDUNCLE STRIPING (RHS)		
outer edge	59A	79A
PEDUNCLE LENGTH (mm)		
mean	60.1	44.5
std deviation	6.24	9.36
LSD/sig	10.04	P≤0.01
SPIKE LENGTH (mm)		
mean	43.29	28.23
std deviation	3.56	3.78
LSD/sig	4.63	P≤0.01
SPIKE WIDTH (mm)		
mean	14.92	9.12
std deviation	0.70	0.80
LSD/sig	0.95	P≤0.01
TERMINAL BRACT		
shape	obovate-elliptical	ovate
colour (RHS)	69C	79C
venation (RHS)	72A-72B	absent
TERMINAL BRACT LENGTH (mm)		
mean	13.41	16.74
std deviation	1.78	1.91
LSD/sig	2.33	P≤0.01
FLOWER		
corolla colour (RHS)	72A	79A
calyx apex	acuminate	obtuse and mucronate

LAVENDER
Lavandula hybrid

'Willowbridge White'

Application No: 95/196 Accepted: 21 Aug 1995.
Applicant: **Terry Hatch, Joy Nurseries,** Pukekohe, New Zealand.
Agent: **Plant Growers Australia Pty Ltd,** Wonga Park, VIC.

Description (Table 11, Figure 22) Plant: compact, dense globose shrub. Leaf: simple, sessile, pubescent, grey/green (RHS 137C), mildly aromatic when crushed. Inflorescence: length short, peduncle length short, spike plump, 2-6 modified terminal bracts, translucent, white (RHS 155A), lower flower pair rarely separated from spike. Flower: small; calyx tubular, light green; corolla fused, petal colour purple.

Origin Open pollination: *Lavandula viridis* x *Lavandula pedunculata* (putative). Breeder: Leonie Young, Willowbridge Nursery, Pukekawa, New Zealand. Selection criteria: compact growth habit, grey green foliage, violet flowers and white terminal bracts on spike. Propagation: vegetative by terminal cuttings for at least five generations.

Comparative Trial Comparator: 'Henri Dunant'(D) . Location: Myrtleford, VIC Dec 1995 – Oct 1996. Conditions: plants maintained in 200mm containers in pinebark based medium; grown in the open, full sun with overhead irrigation; pruned and top-dressed in autumn 1996. Trial design: randomised complete block with six replicates. Measurements: 30 plants of each variety.

Prior Applications and Sales
First sold Australia 1995.

Description: **Alexander Salmon, Florabella Australia,** Gapsted, VIC.

Table 11 *Lavandula* varieties

	'Willowbridge White'	***'Henri Dunant'(D)**
PLANT HABIT/FORM		
	compact/ globose	upright/ semi-globose
FOLIAGE		
colour	grey green	medium green
RHS	137C	137B
fragrance	mild	strong
LEAF PUBESCENCE		
	pronounced	sparse
PEDUNCLE LENGTH (mm)		
mean	60.9	93.0
std deviation	10.3	10.0
LSD/sig	6.97	P≤0.01

SPIKE LENGTH (mm)		
mean	26.2	38.4
std deviation	3.0	2.3
LSD/sig	1.84	P≤0.01

LEUCAENA
Leucaena leucocephala

'Tarramba' syn **K636**

Application No: 95/067 Accepted: 6 Jun 1995
Applicant: **Uniquest Ltd,** Brisbane, QLD.

Description (Table 12, Figure 53) Plant: shrub, small tree to 18 m. Stem: clear bole to 2 m, diameter breast height 20 cm. Leaf: bipinnate, pinnae 6-10 pairs, 16-22 pinnules oblong lanceolate, tip acute, glabrous. Inflorescence: capitate or globose, solitary, axillary, flower density many. Flower: white (RHS 155B), anthers pilose, calyx 2.5 mm long. Fruit: pod, thin, flat 20 cm long, brown. Seed: elliptic compressed, 18-24 per pod, brown.

Origin Selection: from a range of *Leucaena* accessions. Breeder: JL Brewbaker, University of Hawaii, Waimanalo, Hawaii, USA. Selection criteria: seedling vigour, plant height. Propagation: seed.

Comparative Trial Comparators: 'Cunningham', 'Peru'. Location: Redland Bay, Dec 1994 – Aug 1996. Conditions: plants established in poly-bags in a glasshouse and transplanted to the field when 25-30cm high, at a spacing of 50cm in rows 3m apart. Trial design: randomised block, 4 replications, 10 plants per treatment. Measurements: taken from all plants.

Prior Applications and Sales
First sold USA 1989.

Description: **James L Brewbaker, University of Hawaii,** Hawaii, USA.

Table 12 *Leucaena* varieties

	'Tarramba	*'Cunningham'	*'Peru'
PLANT HEIGHT (cm)- at 13 months			
mean	242	109	126
std dev	38.0	28.0	36.0
LSD/sig	23.0	P≤0.01	P≤0.01
TOTAL DRY MATTER YIELD (g/plant)			
mean	524	99	155
std dev	189.0	110.0	97.0
LSD/sig	98.0	P≤0.01	P≤0.01
TOTAL LEAF DRY MATTER YIELD (g/plant)			
mean	263	80	121
std dev	95.0	89.0	76.0
LSD/sig	65.0	P≤0.01	P≤0.01
STEM DIAMETER(mm) at 50cm height			
mean	37	19	20
std dev	4.0	4.0	4.0
LSD/sig	5.0	P≤0.01	P≤0.01
NUMBER OF LATERAL BRANCHES			
mean	1.5	3.3	3.5
std dev	0.7	1.1	0.8
LSD/sig	0.98	P≤0.01	P≤0.01

LUPIN
Lupinus albus

'Lago Azzurro'

Application No: 95/112 Accepted: 4 Apr 1995.
Applicant: **Mount Gambier Property Trust,** Adelaide, SA 5000.

Description (Table 13, Figure 51) Plant: growth habit erect, height medium at 3 weeks after emergence, tall at flowering and maturity. Leaf: medium green, leaflet length long, width broad. Flower: flowering time late (Oct 12, Mount Gambier, SA), white/blue tip petals. Pod: size large, maturity time late (Feb 6, Mount Gambier, SA), Grain: ornamentation absent, thousand grain weight high, bitter principle present.

Origin Single plant selection: imported unnamed Italian wild lupins. Breeder: T Cockburn, Carpenters Rocks, SA. Selection criteria: large and uniform seed size. Propagation: seed.

Comparative Trial Comparators: The qualified person considers that 'Hamburg' and 'Kiev Mutant' are the closest comparators available in Australia. Location: Mount Gambier, SA Jul 1996 – Feb 1997. Conditions: plants were grown in the field in a fine sandy loam soil. Trial design: randomised complete block design with four replicates, with plots of 4 rows 5m x 30cm spacing with a minimum of 40 plants/plot. Measurements: taken from 30 random specimens from each plot.

Prior Applications and Sales Nil.

Description: **Les Mitchell, Agrisearch Services Pty Ltd,** Shepparton, VIC.

Table 13 *Lupinus* varieties

	'Lago Azzurro'	*'Kiev Mutant'	*'Hamburg'
PLANT HEIGHT (cm) 3 weeks after emergence			
mean	5.43	4.88	5.20
std deviation	0.14	0.17	0.09
LSD/sig	0.54	P≤0.01	ns
PLANT HEIGHT (cm) – at flowering			
mean	38.18	25.35	26.06
std deviation	2.73	2.15	2.21
LSD/sig	1.87	P≤0.01	P≤0.01
PLANT HEIGHT (cm) – at maturity			
mean	126.04	57.17	54.92
std deviation	4.76	7.25	5.77
LSD/sig	2.13	P≤0.01	P≤0.01
STEM THICKNESS (mm) – at flowering			
mean	12.49	7.12	7.60
std deviation	1.13	0.87	0.76
LSD/sig	0.77	P≤0.01	P≤0.01
TERMINAL LEAFLET LENGTH (mm) – at flowering			
mean	88.43	58.80	58.92
std deviation	2.82	2.86	3.66
LSD/sig	2.54	P≤0.01	P≤0.01

TERMINAL LEAFLET WIDTH (mm) – at flowering			
mean	31.23	21.90	21.79
std deviation	1.42	1.27	1.37
LSD/sig	1.06	P≤0.01	P≤0.01
FIRST FLOWERING (Mount Gambier, SA)			
	late	early	early
	12 Oct 1996	20 Sep 1996	20 Sep 1996
GREEN POD STAGE (Mount Gambier, SA)			
	late	early	early
	9 Jan 1996	13 Dec 1996	13 Dec 1996
POD LENGTH (mm) -at green maturity			
mean	136.09	95.20	96.85
std deviation	4.78	6.23	6.68
LSD/sig	2.14	P≤0.01	P≤0.01
MATURITY DATE (Mount Gambier, SA)			
	late	early	early
	6 Feb 1996	4 Jan 1996	4 Jan 1996
1000 GRAIN WEIGHT (g) – at maturity			
mean	830.9	317.8	320.8
std deviation	13.3	11.5	10.8
LSD/sig	23.1	P≤0.01	P≤0.01

MANDEVILLA
Mandevilla xamabilis

'Ruby Star'
Application No: 96/072 Accepted: 12 Apr 1996.
Applicant: **Richard J Henny, Gem Ornamentals, Tavares,** Florida, USA.
Agent: **Wholesale Ornamental Nurserymen Pty Ltd,** QLD.

Description (Table 14, Figure 29) Plant: vine, twining counter-clockwise, strong and compact climber. Stem: yellow-green (RHS 144B), lighter towards the tips yellow-green (RHS 144C), erect hairs, rare red-purple tinge (RHS 59B). Leaf: evergreen, herbaceous, oblong to elliptic, size variable, 13.5cm x 7.34cm (12.0cm – 15cm x 6.0cm – 9.3cm), l/b ratio 1.86, mid-rib green (RHS 143C), upper surface glistening, green group (RHS 136A), underside lighter green (RHS 138B). Flower: colour distinct with age and distribution with pale pink buds and new bloom, deepening to red after anthesis and fading to whitish, hence bright red being the predominant colour.

Origin Selfing and seedling selection: 'Alice du Pont'. Breeder: Richard J Henny, Tavares, Florida, USA. Selection criteria: new flower colours while maintaining commercial vigour. Propagation: vegetative.

Comparative Trial Comparators: 'White Delite', 'Alice du Pont'. Location: Birkdale Nursery, Birkdale, QLD Feb 1996 – Feb 1997. Conditions: plants raised in soil-less media in 200mm pots with 4kg/m^3 of controlled release fertilizer in partial shade. Trial design: 60 plants arranged in a randomised blocks with three replicates. Measurements: leaves from the first flowering nodes of 10 random plants.

Prior Applications and Sales

Country	Year	Status	Name Applied
USA	1994	Granted	'Ruby Star'

First sold USA 1993.

Description: **Deo Singh,** Birkdale, QLD.

'White Delite'
Application No: 96/071 Accepted: 12 Apr 1996.
Applicant: **Richard J Henny, Gem Ornamentals, Tavares,** Florida, USA.
Agent: **Wholesale Ornamental Nurserymen Pty Ltd,** QLD.

Description (Table 14, Figure 29) Plant: woody twining vine, moderate axillary branching when flowering has been initiated. Stem: remains green and moderately hairy. Leaf: evergreen, herbaceous, linear to elliptic, 14.60cm x 6.0cm (11.20cm – 16.80cm x 5.10cm – 6.70cm) and l/b ratio of 2.39; upper surface green (RHS 137A), upper midrib green (RHS 138B), lower yellow-green (RHS 146B), lower midrib yellow-green (RHS 145C). Flower: corolla opens pale pink, red-purple group (RHS 62C) but fades to white (RHS 155D) within 2 days; yellowish colouration, green-yellow group (RHS 1C) is also visible at the base of the throat around the stamens on a mature flower.

Origin Selfing and seedling selection: 'Alice du Pont'. Breeder: Richard J Henny, Tavares, Florida, USA. Selection criteria: new flower colours while maintaining commercial vigour. Propagation: vegetative.

Comparative Trial Comparator: 'Alice du Pont'. Location: Birkdale Nursery, Birkdale, QLD Feb 1996 – Feb 1997. Conditions: plants raised in soil-less media in 200mm pots with 4kg/m^3 of controlled release fertilizer in partial shade. Trial design: 60 plants arranged in a randomised blocks with three replicates. Measurements: leaves from the first flowering nodes of 10 random plants.

Prior Applications and Sales

Country	Year	Status	Name Applied
USA	1993	Granted	'White Delite'

First sold USA 1993.

Description: **Deo Singh,** Birkdale, QLD.

Table 14 *Mandevilla* varieties

	'Ruby Star'	'White Delite'	*'Alice du Pont'
LEAF			
shape	oblong-elliptic	linear-elliptic	elliptic-oblong to ovate oblong
mid-ribs and /or stem			
	green	green	pinkish-red
LEAF LENGTH (cm) LSD(P≤0.01) = 1.36			
mean	13.55a#	14.60a	11.92b
std deviation	0.93	1.79	0.82

LEAF WIDTH (cm) LSD(P≤0.01) = 0.42			
mean	7.34a	6.01b	7.02a
std deviation	0.96	0.55	0.53
LENGTH:WIDTH RATIO LSD(P≤0.01) = 0.26			
mean	1.86b	2.39a	1.70b
std deviation	0.18	0.34	0.11
FLOWER COLOUR			
primary	red	white	pink
changes to	pale pink-red -whitish	pale pink-white	deep pink
inner corolla lobe			
	defined white area	white throughout	no defined white area
inner corolla throat			
	yellow-green band	no bands, some yellowing	no band or ray of same colour

Figures followed by the same letters are not significantly different at P=0.01 according to DMRT.

MAPLE
Acer truncatum x *Acer platanoides*

'Keithsform' syn Norwegian Sunset

Application No: 93/121 Accepted: 10 May 1993.
Applicant: **Schmidt Company**, Boring, Oregon, USA.
Agent: **Fleming's Nurseries Pty Ltd** , Monbulk, VIC.

Description (Table 15, Figure 36) Plant: rapidly growing, straight trunked tree, symmetrical branch structure when two year old. Bark (2 year old trunk): greyed orange, slightly rough. Stem: thick, internodes medium. Leaf: large, smooth, moderately glossy, palmate with five small main lobes, 7 pointed sublobes, apex acuminate, base rounded to cordate, margin smooth to slightly wavy, pubescence in upper side axils of the main palmate veins moderate, secondary vein axils with little to no pubescence, main underside veins raised, small veins slightly raised; summer colour yellow-green to green, autumn colour late, brilliant red; petioles slender; leaf fall late. Dormant bud: greyed-orange to greyed-purple, medium size.

Origin Chance seedling: *Acer truncatum* x *Acer platanoides* (putative). Breeder: Keith Warren, Boring, Oregon, USA. Selection criteria: rapid growth, symmetrical branching, straight trunk, relatively large leaves, brilliant red, late autumn colour. Propagation: budding onto *Acer plantanoides* rootstock through several generations.

Comparative Trial The description is based on US Plant Patent information. Comparators: 'Warrenred', *Acer truncatum*, *Acer platanoides*. Location: J Frank Schmidt & Son Co. Nursery, Boring, Oregon, USA. Conditions: plants grown outdoors in a cultivated area. Measurements: taken from 10 one year old plants of each variety.

Prior Applications and Sales

Country	Year	Status	Name Applied
USA	1990	Granted (no. 7529)	'Keithsform'

First sold USA 1990.

Description: **Meaghan McDowell, Flemings Nurseries,** Monbulk, VIC.

'Warrenred' syn Pacific Sunset

Application No: 93/120 Accepted: 10 May, 1993.
Applicant: **Schmidt Company,** Boring, Oregon, USA.
Agent: **Fleming's Nurseries Pty Ltd,** Monbulk, VIC.

Description (Table 15, Figure 37) Plant: rapidly growing, straight trunked tree, heavy symmetrical branch structure (one year old). Bark (2 year old trunk): greyed orange, slightly rough. Stem: thick, internodes medium. Leaf: large, smooth, moderately glossy, palmate with five small main lobes, 10 pointed sublobes, apex acuminate, base rounded to cordate, margin smooth to slightly wavy, pubescence in upper side axils of the main palmate veins moderate, secondary vein axils with little to no pubescence, main underside veins raised, small veins slightly raised; summer colour yellow-green (RHS 147B) to green (RHS 137A – RHS 137B), autumn colour brilliant red (RHS 46A and RHS 53A) to greyed-red (RHS 180A) to greyed-purple (RHS 187A); petiole slender. Dormant bud: greyed-red (RHS 187A) to greyed-purple (RHS 185A), size medium.

Origin Chance seedling: *Acer truncatum* x *Acer platanoides* (putative). Breeder: Keith Warren, Boring, Oregon, USA. Selection criteria: improved branching, very straight trunk, larger foliage than *A. truncatum,* glossier foliage than *A. platanoides,* brighter autumn colour. Propagation: budding onto *A. platanoides* rootstock through several generations.

Comparative Trial The description is based on US Plant Patent information. Comparators: *A. platanoides*, *A. truncatum*. Location: J Frank Schmidt & Son Co. Nursery, Boring, Oregon, USA. Conditions: plants grown outdoors in a cultivated area. Trial design: unreplicated. Measurements: taken from 10 one year old plants of each variety. The qualified person states that there are no close comparators available in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
USA	1991	Granted (No. 7433)	'Warrenred'

First sold USA 1990.

Description: **Meaghan McDowell, Flemings Nurseries,** Monbulk, VIC.

Table 15 *Acer* varieties

	'Keithsform'	'Warrenred'	*A. truncatum	*A. platanoides
TREE – one year old				
height at one year (cm)	very tall	tall	medium	very tall
number of branches longer than 15cm	many	many	none	few
branches per metre of height unbranched	many	many	none	few
leader length above top branch	medium	medium	nil	long
STEM – internode length at 30cm below terminal (cm)	medium	medium	short	long
BARK – 2 year old tree				
colour	greyed-orange	greyed-orange	brown	greenish-brown
texture	slightly rough	slightly rough	rough	smooth
LEAF				
length	long	long	short	very long
width	wide	wide	narrow	wide
summer colour	yellow-green to green	yellow-green to green	yellow-green	green
RHS		146B-137AB	144A,146B, 147A	137B and 139B
autumn colour	brilliant red	brilliant red to greyed -red & greyed-purple	grey-purple	yellow-orange
RHS	42A, 46A, 44B	46A, 53A – 180A, 187A	183B-184A, 187A	20A-21B
margin	smooth to slightly wavy	smooth to slightly wavy	smooth	wavy
surface	smooth	smooth	smooth	wrinkled
glossiness	moderate	moderate	glossy	dull
upperside pubescence in palmate vein axils	moderate	moderate	slight in main palmate vein	moderate
upperside pubescence in secondary vein axils	little-none	little-none	none	moderate
no. sublobes per leaf	medium	medium	low	high
PETIOLE				
thickness	slender	slender	slender	stout
length:width ratio	55:1	65:1	53:1	40:1
time of leaf colouring and fall	late in season +15 days from 'Warrenred'	15 days earlier than 'Keithsform'	earlier than 'Keithsform'	n/a
DORMANT BUD				
colour	greyed orange-greyed-purple	greyed-red to greyed-purple	greyed-red to greyed-orange	green to greyed-purple
RHS	177C to 187C	178A to 185A	178A to 174A	143C to 183A
size	medium	medium	small	medium-large

NARROW-LEAFED LUPIN
Lupinus angustifolius

'Kalya' syn WALUP0460

Application No: 96/245 Accepted: 23 Dec 1996.
Applicant: **Chief Executive Officer, Agriculture Western Australia,** Perth, WA.

Description (Table 16, Figure 50) Plant: start of anthesis early, maturity medium, habit erect, height medium\tall. Terminal Leaflet: length medium width narrow, colour (at flower bud stage) light green. Stem: strength medium. anthocyanin colouration absent\weak. Flower: colour cream\white with little colour change during flower stage. Pod: length medium\long. Grain: ground colour white, ornamentation light brown, weak; distinctive brown arrow above and stripe below the hilum, bitterness absent. Disease resistance: intermediate resistance to phomopsis and brown spot, resistant to aphid attack.

Origin Controlled pollination: 'Warrah' x '79A78-14-10', 1985. Breeder: Dr Wallace Cowling, Perth, WA. Selection criteria: increased yield, agronomic and grain quality suited to the high, medium and low rainfall zones of the southern agricultural areas of WA. Propagation: seed through 5 generations (selection) and 6 years performance testing.

Comparative Trial Comparators: 'Gungurru', 'Warrah' Location: Avon Districts Agricultural Centre Northam WA, May 1996 – Jan 1997. Conditions: plants were raised in red gravely loam pH 5.5 in $CaCl_2$ in open beds. Trial design: plants arranged in randomised complete blocks 10 m long x 1.42m(8 rows) wide in two replicates. Measurements: taken from 10 random specimens per replicate selected from approximately 2000 plants.

Prior Applications and Sales Nil.

Description: **David Collins, Agriculture Western Australia,** Northam, WA.

Table 16 *Lupinus* varieties

	'Kalya'	*'Gungurru'	*'Warrah'
TIME OF FLOWERING			
	early	early	medium
PLANT HEIGHT AT FLOWERING (mm)			
mean	379.60	342.05	275.00
std deviation	52.67	29.33	22.82
LSD/sig	30.37	P≤0.01	P≤0.01
PLANT HEIGHT AT MATURITY (mm)			
mean	703.50	627.70	547.55
std deviation	57.35	26.15	59.99
LSD/sig	37.25	P≤0.01	P≤0.01
PLANT HEIGHT AT MATURITY			
	medium-tall	short-medium	short
PLANT COLOUR – at flower stage			
	yellow green	blue green	blue green
STEM ANTHOCYANIN COLORATION			
	absent\weak	medium	absent\weak
FLOWER COLOUR – at bud stage			
	cream white	blue white	blue white
POD LENGTH – from midst of primary inflorescence (mm)			
mean	57.53	53.44	52.44
std deviation	2.67	2.86	3.29
LSD/sig	3.77	P≤0.01	P≤0.01
GRAIN ORNAMENTATION			
	weak	strong	very weak
1000 SEED WEIGHT (g) – from midst of main inflorescence			
mean	160.45	149.06	126.15
std deviation	3.31	3.72	3.00
LSD/sig	2.97	P≤0.01	P≤0.01
RESISTANCE TO APHID ATTACK			
	resistant	moderately resistant	moderately resistant

NECTARINE
Prunus persica var *nucipersica*

'Liz's Late' syn 18K374

Application No: 95/038 Accepted: 30 May 1995.
Applicant: **Zaiger's Inc Genetics,** Modesto, California USA.
Agent: **Fleming's Nurseries & Associates Pty Ltd,** Monbulk VIC.

Description (Table 17, Figure 40) Plant: large, normal type, vigorous, erect growing tree, late maturing, lenticels medium number and size. Leaf: crenate margins, anthocyanin colouration absent, moderately long petioles, leaf fall mid-late May. Inflorescence: flowering stem with moderate anthocyanin colouration. Flower: rosaceous, petal five, large, rounded. Stamen: anthers same level as stigma, pollen present. Ovary: non-pubescent, self-fertile. Fruit: maturing early Mar, skin pubescence absent; flesh mild flavour, yellow, anthocyanin colouration absent under the skin, present in flesh and surrounding the medium-size, reddish brown-brown freestone, very small percentage of splitstones.

Origin Controlled pollination: unspecified x unspecified, early 1990's. Breeder: Leith Gardner of Zaiger's Inc. Genetics, Modesto, California USA. Selection criteria: a large, highly coloured, yellow-flesh, freestone nectarine, good flavour and eating qualities, maturing late in the season (-5 days from 'Fairlane') with regular heavy crops, good storage and shipping qualities. Propagation: budding through several generations.

Comparative Trials Comparators: 'Fairlane', 'Flamekist'. Locations: experimental orchard of Zaiger's Inc. Genetics, Modesto, California, USA; back up trial conducted at Fleming's Nurseries, Monbulk, VIC, Sep 1994 – Mar 1995. Conditions: trees propagated by budding, planted into orchards with similar cultural practices. Trial design: random samples from 5 specimen trees of each variety. Measurements: from 15 random samples for each of the varieties.

Prior Applications and Sales

Country	Year	Status	Name Applied
USA	1994	Granted	'Liz's Late'

First sold Australia 1995.

Table 17 *Prunus* varieties

	'Liz's Late'	* 'Fairlane'	*'Flamekist'
LEAF			
size	large	medium	medium-large
nectary shape	kidney	round, kidney	kidney
BLOSSOM			
time	1st wk Sep	last wk Aug	last wk Aug
duration (wks)	2	2.5	2

DESCRIPTIONS

PETAL			
size	large	large	medium
colour	pink	pink	pink
RHS	65B	65B	62D
calyx colour	yellow-orange	orange	orange
bud density	medium	medium	dense
per 25cm	6	5	14
stigma position relation to anthers			
	level	above	above
FRUIT			
size	medium	large	small-medium
shape	nearly globose, elongate	round-elongate	slightly oblong
symmetry along suture			
	nearly symmetrical	asymmetrical	asymmetrical
prominence of suture			
	weak	strong	moderate
tip shape	pointed	rounded	rounded
firmness of flesh			
	firm	firm	slightly soft
flesh anthocyanin colouration			
	present	absent	absent
SKIN			
ground colour	yellow	yellow	yellow
RHS	7B	12B	12B
over colour	orange-red/red	red	red
RHS	43B – 45C	44A	44B
percent area			
	up to 20%	95%	50%-90%
STONE			
shape	oval-elliptic	elongate	ovoid
size compared to fruit			
	medium	medium-large	medium
surrounding anthocyanin colouration			
	strong	slight	strong
adherence to flesh			
	freestone	clingstone	clingstone

‘Venus’

Application No: 94/196 Accepted: 4 Oct 1994.
Applicant: **Istituto Sperimentale Per La Frutticoltura,** Rome, Italy.
Agent: **Fleming’s Nurseries & Associates Pty Ltd,** Monbulk, VIC.

Description (Table 18, Figure 41) Plant: normal type, moderate vigour, late maturity. Leaf: anthocyanin colouration absent; apex moderately angled, recurvature toward the base; base acutely angled; petiole short, kidney shaped, usually more than two. Young shoot: stipule medium length. Bud: medium density, usually in groups of two or more. Flowering stem: thick. Flower: appears mid Aug, lasting for a moderate time span. Petal: five, round and light pink. Sepal: colour orange. Stamen: below the petals, pollen present. Ovary: non-pubescent. Pistil: always one. Fruit: large, not quite symmetric, skin medium thickness, adheres to flesh strongly, pubescence absent; flesh non-fibrous, medium sweetness, anthocyanin colouration slight but absent under skin; freestone large, dark in colour, very few to no splitstones; very weak to no tendency to preharvest drop.

Origin Controlled pollination: unspecified x unspecified. Breeder: Carlo Fideghelli, Istituto Sperimentale Per La Frutticoltura, Rome, Italy. Selection criteria: large, yellow-flesh nectarine of good quality (low susceptibility to russet and cracking). Propagation: budding through several generations.

Comparative Trial Comparators: ‘Fantasia’, ‘Red Zee’. Locations: Instituto Sperimentale Per La Frutticoltura, Rome, Italy; back up trial conducted at Fleming’s Nurseries, Monbulk, VIC Feb 1995 – Jan 1996. Conditions: trees were propagated by budding, planted into orchards with similar cultural practices. Measurements: from 15-20 random samples selected from 5 specimen trees of each variety.

Prior Applications and Sales

Country	Year	Status	Name Applied
France	1988	Granted	‘Venus’
Italy	1990	Granted	‘Venus’

First sold Italy 1988, Australia 1994.

Description: **Meaghan McDowell, Fleming’s Nurseries,** Monbulk, VIC.

Table 18 *Prunus* varieties

	‘Venus’	*‘Fantasia’	*‘Red Zee’
TREE HABIT			
	semi-upright	upright	upright
LEAF SIZE			
	large	medium	medium
FLOWERING SHOOT			
anthocyanin colouration intensity			
	strong	medium	strong
percent area	100	<60	100
bud density per 25cm			
	10	4	15
FLOWER			
petal size	large	medium-large	large
stigma position in relation to anthers			
	above	level	above
FRUIT			
shape	oblong	oblong	ovate
shape of tip	depressed	round with point	round + pointed
prominence of suture			
	moderate	slight	slight
depth of stalk cavity			
	medium	shallow	shallow

SKIN			
ground colour			
	yellow	yellow	yellow
RHS	13B	12B	10A
over colour	red	red	red
RHS	45B	42A	42A
percent area	50-90	50-80	20-50
FLESH			
firmness	firm	medium-firm	firm
colour	yellow-yellow orange	yellow	yellow
STONE			
shape	globular	flat & elongate	elongate
surrounding anthocyanin colouration			
	slight	slight	strong
adherence to flesh			
	freestone	semi-clingstone	clingstone

'Zee Glo' syn **32R331**

Application No: 93/158 Accepted: 26 Jul 1993.
Applicant: **Zaiger's Inc Genetics,** Modesto, California USA.
Agent: **Fleming's Nurseries & Associates Pty Ltd,** Monbulk, VIC.

Description (Table19, Figure 42) Plant: large, normal type, upright tree, vigorous growth, medium density, lenticels large, numerous. Leaf: serrate margins, petiole length medium, nectaries kidney-shaped, anthocyanin colouration absent, leaf fall mid-late May. Inflorescence: flowering shoot has anthocyanin colouration. Bud: dense. Flower: large, rosaceous, sepal colour orange. Stamen: pollen present. Ovary: non-pubescent. Fruit: large, rounded, asymmetric with a slight point, pubescence absent; skin moderately thick, flesh yellow, flavour sub acid to mild, moderately juicy, slight anthocyanin colouration in flesh but none under skin; clingstone slight tendency to split.

Origin Controlled pollination: unspecified x unspecified mid 1980's. Breeder: Floyd Zaiger, Zaiger's Inc. Genetics, Modesto, California, USA. Selection Criteria: large, vigorous, upright growing tree, regular bearing of large, firm fruit with an attractive red skin colour, good eating, storage and shipping qualities, maturity 3-5 days earlier than 'Late Le Grand'. Propagation: budding through several generations.

Comparative Trials Comparators: 'Fantasia', 'Royal Giant'. Locations: experimental orchard of Zaiger's Inc. Genetics, Modesto, California, USA; back up comparative trial carried out at Fleming's Nurseries, Monbulk, VIC Oct 1993 – Feb 1995. Conditions: trees propagated by budding, planted into orchards with similar cultural practices. Trial design: random samples from 5 specimen trees of each variety. Measurements: 15 samples for each of the varieties.

Prior Applications and Sales

Country	Year	Status	Name Applied
USA	1986	Granted 22/11/88 (Patent no. 6408)	'Zee Glo'

First sold USA 1989, Australia 1995.

Description: **Meaghan McDowell, Fleming's Nurseries,** Monbulk, VIC.

Table 19 *Prunus* varieties

	'Zee Glo'	***'Fantasia'**	***'Royal Giant'**
LEAF BLADE			
size	large	medium	medium
length (cm)	15.5	14.3	17.3
length:width ratio	4.5	3.9	4
FLOWERING SHOOT			
bud density	dense	medium	medium
per 25cm	12	5	5
FLOWER			
flowering time	last wk Aug	last wk Aug	first wk Sep
petal colour	pink	pink	pink
RHS	62C-65B	65B	65B
PETAL			
size	medium	large	large
shape	round-elongated	round	round
stigma position relative to anthers	level	level-above	below
FRUIT			
shape	round	oblong	ovate
prominence of suture	distinct	slight	moderate
depth of stalk cavity	deep	shallow	n/a
SKIN			
ground colour	yellow	yellow	yellow
RHS	9B	12B	13A
over colour	red	red	red
RHS	45A	42A	45A
percent area	up to 50%	50 – 80%	20% – 50%
FLESH			
firmness	firm	medium-firm	firm
anthocyanin colouration	slight	slight	absent
maturity date	first wk Feb	first wk Feb	mid-late Feb
STONE			
shape	ovoid	elongate-flat	elongate
size compare to fruit	medium-large	large	medium-large

surrounding anthocyanin colouration			
	present	slight	slight
adherence to flesh			
	clingstone	semi-clingstone	clingstone

OATS
Avena sativa

'Coomallo' syn WAOAT 373

Application No: 96/252 Accepted: 23 Dec 1996.
Applicant: **Chief Executive Officer, Agriculture Western Australia,** Perth, WA.

Description (Table 20, Figure 49) Plant: excellent quality milling\export grade oat, maturity early. Leaf: sheath hairiness absent, blade hairiness absent flag leaf attitude erect. Stem: straw strength strong, stem node hairiness absent. Panicle: attitude equilateral, branch attitude semi-erect to horizontal, spikelet attitude pendulous. Glume: length medium. Primary Grain: lemma glaucosity medium, lemma length medium, husk present; tendency to be awned absent\very weak, color cream\yellow, hairiness of base absent, length of rachilla medium. Lemma: hairs on back absent. Disease resistance: very good resistance BYDV (barley yellow dwarf virus), moderate resistance to crown rust. and intermediate resistance to stem rust.

Origin Controlled pollination: '82Q407' x 'Mortlock' 1983. Breeder: Dr Robyn McLean, Perth, WA. Selection criteria: increased yield, agronomic and grain quality suited to the medium and low rainfall zones of the southern agricultural areas of WA. Propagation: seed through 5 generations(selection) and 7 years performance testing.

Comparative Trial Comparators: 'Mortlock', 'Pallinup'. Location: Avon Districts Agricultural Centre Northam WA, May 1996 – Jan 1997. Conditions: plants were raised in red gravely loam pH 5.5 in $CaCl_2$ in open beds. Trial design: plants arranged in randomised complete blocks 10 m long x 1.42m(8 rows) wide by 2 replicates. Measurements: taken from 10 random specimens per rep selected from approximately 2000 plants.

Prior Applications and Sales Nil.

Description: **David Collins, Agriculture Western Australia,** Northam, WA.

Table 20 *Avena* varieties

	'Coomallo'	* 'Pallinup'	*'Mortlock'
GROWTH HABIT			
	intermediate	erect	semi-prostrate
PLANT LENGTH			
	medium\long	long	medium
PLANT LENGTH (mm) – stem, panicle			
mean	797.7	880.1	762.8
std deviation	57.62	45.02	37.01
LSD/sig	52.93	P≤0.01	ns
STEM – hairiness of uppermost node			
	absent	absent	medium
LEAF – hairiness of leaf margins below flag			
	absent\weak	medium	absent\weak
TIME OF PANICLE EMERGENCE			
	early	early	medium
PANICLE LENGTH (mm)			
mean	200.0	231.65	182.1
std deviation	18.58	27.42	10.42
LSD/sig	17.6	P≤0.01	P≤0.01
GLUME LENGTH(mm)			
mean	20.29	22.82	25.93
std deviation	1.29	1.16	1.34
LSD/sig	1.32	P≤0.01	P≤0.01
PRIMARY GRAIN			
tendency to be awned			
	absent	strong	absent\weak
length of hairs on base			
	absent	long	medium
PRIMARY GRAIN:LENGTH OF LEMMA (mm)			
mean	15.61	16.15	16.44
std deviation	0.55	1.06	0.81
LSD/sig	0.72	ns	P≤0.01
PRIMARY GRAIN:LENGTH OF RACHILLA			
	medium	short	short
RESISTANCE TO BYDV (barley yellow dwarf virus)			
	good	moderate	intermediate

'Moola' syn Dumont 68

Application No: 96/201 Accepted: 1 Oct 1996.
Applicant: **Agriculture and Agri-Food Canada,** Winnipeg, Manitoba, Canada.
Agent: **Queensland Department of Primary Industries,** Brisbane, QLD.

Description (Table 21, Figure 48) Plant: tall, spring forage oat, growth habit semi-erect, maturity intermediate when planted in May. Hair: weakly present on lower leaf sheaths, absent on margins of leaf below the flag, present on stem upper nodes. Panicles: branching horizontal. Grain: awns absent or weakly present on primary grains, strong hairiness at the base; cream lemma, medium length. Resistance: possesses '*Pc68*' gene resistant to all known Australian pathotypes of *Puccinia coronata* (leaf rust).

Origin Controlled pollination: 'PC68' x 'Dumont', 1988, backcrossed six times to recurrent parent 'Dumont'. Breeder: Dr P D Brown, Winnipeg, Manitoba, Canada. Selection criteria: resistance to *Puccinia coronata* (*Pc68*). Propagation: seed.

Comparative Trial Comparators: 'Dumont', 'Robert 68' and 'Riel'(ф). Location: Toowoomba, QLD May 1996 – Nov 1996. Conditions: Plants grown in the field with irrigation when required. Rust testing was conducted on seedlings under controlled conditions at Toowoomba, QLD. Trial design: 120 plants of each variety arranged in randomised complete blocks. Measurements: from 30 random specimens.

Prior Applications and Sales

Country	Year	Status	Name Applied
Canada	1996	Pending	'AC Medallion'

Description: **R G Rees, Queensland Wheat Research Institute,** Toowoomba, QLD

Table 21 *Avena* varieties

	'Moola'	*'Dumont'	*'Robert 68'	*'Riel'(1)
LOWER LEAVES – hairiness of sheaths				
	weak-very weak	weak-very weak	weak	absent or very weak
LEAF BLADE – hairiness of margins				
	absent or very weak	absent or very weak	weak	absent or very weak
STEM – uppermost node hairiness				
presence	present	present	present	absent
intensity	medium	medium	weak	absent
PANICLE – attitude				
	horizontal	horizontal	semi-erect -erect	semi-erect
GRAIN – colour of lemma				
	cream	cream	light brown	light brown
PRIMARY GRAIN				
tendency to be awned				
	absent or very weak	absent or very weak	medium	medium
length of lemma				
	medium	medium	long	medium
hairiness of base				
	strong	strong	absent or very weak	absent or very weak
length of basal hairs				
	medium	medium	absent or very weak	absent or very weak
RESISTANCE TO LEAF RUST				
Dumont-virulent pathotype				
	resistant	susceptible	resistant	susceptible

'Toodyay' syn WAOAT 347

Application No: 96/251 Accepted: 23 Dec 1996.
Applicant: **Chief Executive Officer, Agriculture Western Australia,** Perth, WA.

Description (Table 22, Figure 47) Plant: good quality milling\export grade oat, habit intermediate, maturity early. Leaf: sheath hairiness absent\very weak, leaf blade hairiness absent. Flag leaf: attitude semi erect. Stem:straw strength medium, stem node hairiness medium. Panicle: attitude equilateral, branch attitude semi-erect to horizontal, spikelet attitude pendulous. Glume: length medium. Primary grain: lemma glaucosity weak, lemma length medium, husk present; tendency to be awned medium, color cream, hairiness of base weak, hair length long, length of rachilla short. Disease resistance: moderate resistance to crown rust, intermediate resistance to BYDV (barley yellow dwarf virus).

Origin Controlled pollination: '80Q258' x 'Mortlock' 1981. Breeder: Dr Robyn McLean, Perth, WA. Selection criteria: increased yield, agronomic and grain quality suited to the high, medium and low rainfall zones of the southern agricultural areas of WA. Propagation: seed through 5 generations (selection) and 7 years performance testing.

Comparative Trial Comparators: 'Mortlock', 'Pallinup'. Location: Avon Districts Agricultural Centre Northam WA, May 1996 – Jan 1997. Conditions: plants were raised in red gravely loam pH 5.5 in $CaCl_2$ in open beds. Trial design: plants arranged in randomised complete blocks 10 m long by 1.42m (8 rows) wide by 2 reps. Measurements: taken from 10 random specimens per replicate selected from approximately 2000 plants.

Prior Applications and Sales Nil.

Description: **David Collins, Agriculture Western Australia,** Northam, WA.

Table 22 *Avena* varieties

	'Toodyay'	*'Pallinup'	*'Mortlock'
GROWTH HABIT			
	intermediate	erect	semi-prostrate
PLANT LENGTH			
	short\medium	long	short\medium
PLANT COLOUR – leaf, stem, panicle, spikelet			
	yellow/green	blue/green	blue/green
PLANT LENGTH (mm) – stem, panicle			
mean	758.5	880.1	762.8
std deviation	82.24	45.02	37.01
LSD/sig	52.93	P≤0.01	ns
STEM – hairiness of uppermost node			
	weak	absent	medium
LEAF – hairiness of leaf margins below flag			
	absent\weak	medium	absent\weak
TIME OF PANICLE EMERGENCE			
	early	early	medium
PANICLE LENGTH (mm)			
mean	184.5	231.65	182.1
std deviation	20.15	27.42	10.42
LSD/sig	17.6	P≤0.01	ns
PRIMARY GRAIN			
tendency to be awned			
	medium	strong	absent\weak
length of hairs on base			
	medium	long	medium

PRIMARY GRAIN- length of lemma (mm)			
mean	15.42	16.15	16.44
std deviation	0.74	1.06	0.81
LSD/sig	0.72	P≤0.01	P≤0.01
GLUME GLAUCOSITY			
	absent\weak	medium	medium
GLUME LENGTH (mm)			
mean	23.94	22.82	25.93
std deviation	1.90	1.16	1.34
LSD/sig	1.32	ns	P≤0.01
GLUME WIDTH (mm)			
mean	7.60	6.82	6.87
std deviation	0.49	0.64	0.49
LSD/sig	0.45	P≤0.01	P≤0.01

PEACH
Prunus persica

'French Lady' syn C88:83 PB

Application No: 96/133 Accepted: 2 Sep 1996.
Applicant: **SCEA Domaine de Castang SA and Arsene Maillard,** Saint Laurent Des Vignes, France.
Agent: **Fleming's Nurseries & Associates Pty Ltd**. Monbulk VIC.

Description (Table 23, Figure 39) Plant: erect growing tree. Leaf: flat, anthocyanin colouration absent, round nectaries. Inflorescence: appears late (late Aug), flowering stem moderate dark red anthocyanin colouration. Bud: sparse. Flower: rosaceous, petals five, size small to medium, rounded, light pink. Stamen: anthers same level as stigma, pollen present. Ovary: pubescent. Fruit: maturing early Feb, medium size, round to flattish, slightly depressed tip, suture slightly protruding, slightly asymmetrical, stalk cavity deep; skin yellow with dark red blotched ribbed overcolour to a very large extent, pubescence present; flesh softish, white, anthocyanin colouration is absent from flesh and under skin, present surrounding the ovoid free stone size small to medium.

Origin Open pollination: unspecified variety, early 1980's. Breeder: Arsene Maillard of SCEA Domaine de Castang SA, Saint Laurent Des Vignes, France. Selection criteria: superior flavour to 'Julie', very high colouration. Propagation: budding through several generations.

Comparative Trial Comparators: 'Julie' 'Tasty Zee'(Þ. Locations: Fleming's Nurseries, Monbulk, VIC 1994 – 1997. Conditions: trees propagated by budding, planted into orchards with similar cultural practices. Trial design: random samples from 3 specimen trees of each variety. Measurements: from 15-20 random samples for each of the varieties.

Prior Applications and Sales Nil.

First sold France 1991.

Description: **Meaghan McDowell**, Fleming's Nurseries, Monbulk, VIC.

'Julie' syn Tendresse

Application No: 95/219 Accepted: 9 Oct 1995.
Applicant: **SCEA Domaine de Castang SA and Arsene Maillard,** Saint Laurent Des Vignes, France.
Agent: **Fleming's Nurseries & Associates Pty Ltd** Monbulk VIC.

Description (Table 23, Figure 39) Plant: large, very vigorous, tree. Leaf: flat, no recurvature, base angle acute, anthocyanin colouration absent, bud burst medium to late, more than 2 nectaries, short petioles, leaf fall mid-late season; young shoot stipules short. Inflorescence: appears late (late Aug) lasting a moderate time span, flowering stem internode moderate length. Bud: dense, usually in groups of two or more. Flower: rosaceous. Petal: five. Stamen: below petals, pollen present. Pistil: always one. Ovary: pubescent. Fruit: maturing early Feb, suture very slightly protruding; skin non adherent to flesh, pubescence sparse; flesh fibrous, moderately acidic, moderately to highly sweet, white, slight on one side, dark coloured freestone, percentage of splitstones nil to very low; no tendency to preharvest drop.

Origin Chance seedling: unspecified variety in early 1980's. Breeder: Arsene Maillard of SCEA Domaine de Castang SA, Saint Laurent Des Vignes, France. Selection criteria: moderately large, firm fruit with relatively smooth skin, late bloom, resistant to frosts, no tendency to preharvest drop, good keeping qualities. Propagation: budding through several generations.

Comparative Trials Comparators: 'French Lady' 'Tasty Zee'(Þ. Locations: Domaine De Castang, France, 1991 – 1995; back up trial conducted at Fleming's Nurseries, Monbulk, VIC. Conditions: trees propagated by budding, planted into orchards with similar cultural practices. Trial design: random samples from 5 specimen trees of each variety. Measurements: from 20 random samples for each of the varieties.

Prior Applications and Sales

Country	Year	Status	Name Applied
France	1995	Granted	'Julie'
Italy	1992	Pending	'Julie'

First sold France, 1991.

Description: **Meaghan McDowell, Fleming's Nurseries, Monbulk, VIC.**

Table 23 *Prunus* varieties

	'Julie'	'French Lady'	*'Tasty Zee'(Þ
TREE HABIT			
	semi-upright	erect	erect
LEAF			
size	large	large	medium
nectary shape			
	kidney	round	round
FLOWERING SHOOT			
anthocyanin	strong	medium	medium
colouration	80%	50%	50%

PETAL			
size	large	small-medium	medium-large
shape	round	round	oval
colour	light pink	light pink	pink
RHS	65C	65C	65B
calyx colour	greenish-yellow	yellow	yellow
stigma position relation to anthers			
	level	level	level-above
FRUIT			
size	medium-large	medium	medium
shape			
	round-slightly flat	round-flattish	round
tip shape	plane-depressed	slight depression	slight depression
depth of stalk cavity			
	medium	deep	n/a
flesh firmness			
	firm	softish	medium
anthocyanin colouration:			
– of flesh	absent	absent	present
– under skin	present	absent	present
SKIN			
ground colour			
	yellow-green	yellow	yellow-green
RHS	154D	8B	154D
over colour	greyed-red	dark red	greyed-purple
RHS	180B	43B	187B
pattern	marbling	blotched /ribbed	solid
extent	medium	very large	very large
percent area	40%	90%	–
pubescence	sparse	present	medium
STONE			
shape	obovoid-round	ovoid	oval
size compared to fruit			
	small-medium	small-medium	medium
surrounding anthocyanin colouration			
	slight-one side	present	present

PEANUT
Arachis hypogaea

'Shosh'

Application No: 94/225 Accepted: 11 Nov 1994.
Applicant: **State of Israel, Ministry of Agriculture, Agricultural Research Organisation,** Bet Dagan, Israel.
Agent: **Peter M Hatfield, PMB Australia Ltd.,** Kingaroy, QLD.

Description (Table 24, Figure 52) Plant: virginia type, branching profuse, late maturing. Stem: main growth habit erect, side branches tips moderately upturned. Leaflet : light green, medium to long, quite narrow. Flower: pattern alternate along the stems, none on the central stem. Pod: large (4.3g/pod), length 45mm-51mm, breadth 17mm-23mm, 1000 pod weight 4300g, number of kernels per pod 2, texture coarse, beak inconspicuous and curved. Kernel: large (714 kernels/kg, 1000 kernel weight 1400g), shape cylindrical, shelling percentage 69%, testa colour uniform brown, higher oleic to linoleic acid ratio (2.2) in kernels, flavour nutty.

Origin Selection: line '110' originated from Gainsville, Florida, USA and selected from the germplasm stock of Mr Eli Goldin, 1985. Location: Bet Dagan Experimental Station, Israel. Breeders: Dr IS Wallerstein and Ms Shoshanna Kahn, Agricultural Research Organisation, Israel. Selection criteria: superior pod size, flavour, pod yield. Propagation: seed.

Comparative Trial Description based on overseas test report from Plant Breeders Rights Council, Israel conducted at Bet Dagan, Israel, during the summer growing periods of 1988-1990 in which 'Shulamit' was the comparator, verified by the qualified person at Kingaroy, QLD. Trial at Kingaroy -Comparators: 'Shulamit', 'NC-7'. Conditions : plants raised in 1.9 x 20 m open beds in a vertisolic soil (15% clay, 35% silt). Trial design: plots of two rows at seven plants per meter in randomised block design with six replicates. Measurements: from one kg representative pod sample from the total yield of each of the plots.

Prior Applications and Sales

Country	Year	Status	Name Applied
Israel	1990	Granted	'Shosh'
USA	1995	Granted	'Shosh'

First sold Israel 1991.

Description: **Peter Hatfield,** Kingaroy, QLD.

Table 24 *Arachis* varieties

	'Shosh'	*'Shulamit'	*'NC-7'[1]
a. Data from Israel			
GROWTH HABIT			
	prostrate	semi-erect	–
FOLIAGE COLOUR (score)			
	light green	dark green	–
	3	7	
DAYS TO MATURITY			
	152.0	142.0	–
POD (score)			
texture	coarse	medium coarse	–
	7	5	
beak prominence			
	slight	medium strong	–
	3	5	
POD LENGTH (mm)			
mean	49.0	42.0	–
std deviation	3.3	1.6	–
LSD/sig	6.1	P≤0.01	–
1000 PODS WEIGHT (g)			
mean	4300	3200	–
std deviation	141.0	109.0	–
LSD/sig	298.0	P≤0.01	–

1000 KERNELS WEIGHT (g)			
mean	1400	1010	–
std deviation	82.0	75.0	–
LSD/sig	185.0	P≤0.01	–

b. Data from Australia (bulk sample)

TESTA			
outer colour	pale pink	pink	pale
inner colour	golden	golden	golden
PROTEIN%	29.4	29.4	28.5
OIL %	47.2	46.6	46.7
OIL TRIGLYCERINE PROFILE (%)[2]			
palmitic acid	7.6	9.2	7.9
stearic acid	2.8	1.9	3.2
arachidic acid	1.4	1.1	1.6
gondoic acid	1.3	1.6	1.1
behenic acid	2.8	2.7	2.8
lignoceric acid	1.2	1.6	1.2
oleic acid	58.4	48.2	56.2
linoleic acid	26.3	33.7	26.9
OLEIC:LINOLEIC ACID RATIO			
	2.22	1.4	2.0

1 – based on Australian data only.
2- determined as Fatty Acid Methyl Ester (FAME) profile expressed in %w/w relative to the total fatty acid composition in the oil from raw jumbo kernels.

PERENNIAL RYEGRASS
Lolium perenne

'Camel'
Application No: 95/180 Accepted: 11 Jul 1995.
Applicant: **Valley Seeds Pty Ltd,** Cathkin, VIC.

Description (Table 25) Plant: diploid. Leaf: medium dark. Flag leaf: short. Spike: long.

Origin Isolated polycross: selected plants from a low-rainfall ecotype. Breeder: Valley Seeds Pty Ltd, Cathkin, VIC. Selection criteria: rust resistance. Propagation: seed.

Comparative Trial Comparators: 'Banks'Φ, 'Dobson'Φ, 'Ellett', 'Jackaroo'Φ, 'Marathon', 'Grasslands Pacific', 'Roper'Φ, 'Grasslands Samson', 'Tasdale', 'Vedette'Φ, 'Yatsyn 1'Φ. Location: Cathkin, VIC. Conditions: field plots, irrigated. Trial design: rows of 10 spaced plants randomly distributed within six replicate blocks. Measurements: on all 60 plants/ variety.

Prior Applications and Sales Nil.

Description: **IC Aberdeen,** Kilmore, VIC.

'Jamborina'
Application No: 96/157 Accepted: 6 Aug 1996.
Applicant: **Ian Aberdeen, Pasture Wise, Kilmore**, Cathkin, VIC

Description (Table 25) Plant: diploid. Flag leaf: long and wide. Spike: long with long and widely-spaced spikelets. Glumes: long.

Origin Controlled pollination: a complex cross made in two stages. Breeder: Pasture Wise, Kilmore, VIC. Selection criteria: high tiller number, winter growth and persistence. Propagation: seed.

Comparative Trial Comparators: 'Camel' 'Banks'Φ, 'Dobson'Φ, 'Ellett', 'Jackaroo'Φ, 'Marathon', 'Grasslands Pacific', 'Roper'Φ, 'Grasslands Samson', 'Tasdale', 'Vedette'Φ, 'Yatsyn 1'Φ. Location: Cathkin, VIC. Conditions: field plots, irrigated. Trial design: rows of 10 spaced plants randomly distributed within six replicate blocks. Measurements: on all 60 plants/ variety.

Prior Applications and Sales Nil.

Description: **I.C.Aberdeen, Pasture Wise**, Kilmore, VIC.

'Prolong'
Application No: 96/198 Accepted: 11 Sep 1996.
Applicant: **Valley Seeds Pty Ltd**, Cathkin, VIC.

Description (Table 25) Plant: diploid, Flag leaf :short and wide.

Origin Controlled pollination: two varieties which perform well in the northern zone of Australia. Breeder : Valley Seeds Pty Ltd, Cathkin, VIC. Selection criteria: performance in northern zones of Australia. Propagation: seed.

Comparative Trial Comparators: 'Jamborina' 'Camel' 'Banks'Φ, 'Dobson'Φ, 'Ellett', 'Jackaroo'Φ, 'Marathon', 'Grasslands Pacific', 'Roper'Φ, 'Grasslands Samson', 'Tasdale', 'Vedette'Φ, 'Yatsyn 1'Φ. Location: Cathkin, VIC. Conditions: field plots, irrigated. Trial design: rows of 10 spaced plants randomly distributed within six replicate blocks. Measurements: on all 60 plants/ variety.

Prior Applications and Sales Nil.

Description: **I.C.Aberdeen, Pasture Wise**, Kilmore, VIC.

Table 25 *Lolium* varieties

Candidates: A = 'Prolong', B = 'Jamborina', C = 'Camel'; Comparators: D = 'Banks'(Ⓓ), E = 'Dobson'(Ⓓ) , F = 'Ellett', G = 'Jackaroo'(Ⓓ), H = 'Marathon', I = 'Grasslands Pacific', J = 'Roper'(Ⓓ), K = 'Grasslands Samson', L = 'Tasdale' M = 'Vedette'(Ⓓ), N = 'Yatsyn 1'(Ⓓ)

	'A'	'B'	'C'	*'D'	*'E'	*'F'	*'G'	*'H'	*'I'	*'J'	*'K'	*'L'	*'M'	*'N'
FOLIAGE GREENNESS	medium	medium	medium dark	medium	medium-	medium-	medium dark	medium dark	medium dark	medium	medium-	medium-	medium dark	medium dark
FLAG LEAF LENGTH (mm) LSD(0.01) = 24.93														
mean	183.8^{f}	241.3^{a}	198.7^{ef}	263.5^{a}	235.2^{bcd}	237.0^{bc}	209.7^{ef}	222.1^{cde}	248.3^{ab}	161.0^{g}	254.3^{a}	211.2^{def}	236.7^{bc}	234.3^{bcd}
std dev	43.22	43.21	42.04	47.09	60.98	58.82	53.52	45.14	50.18	32.31	57.13	62.7	51.12	62.62
FLAG LEAF WIDTH (mm) LSD(0.01) = 0.564														
mean	6.4^{abc}	6.6^{a}	6.2^{abcd}	5.7^{de}	5.5^{e}	6.5^{ab}	6.0^{bcde}	5.7^{de}	6.0^{bcde}	6.0^{bcde}	5.9^{cde}	6.0^{bcde}	6.4^{abc}	6.0^{bcde}
std dev	1.20	1.01	1.12	1.08	1.24	1.07	1.05	1.26	1.34	0.93	1.34	1.34	1.43	1.23
DAYS TO HEADING – from 31 Aug LSD (0.01) = 3.127														
mean	43.27^{f}	47.07^{c}	43.75^{ef}	48.28^{ab}	44.40^{e}	47.63^{bc}	47.30^{bc}	49.37^{a}	49.93^{a}	39.23^{g}	46.02^{d}	48.2^{ab}	44.80^{e}	46.69^{cd}
std dev	6.22	4.10	4.27	8.06	8.78	4.88	5.09	4.66	7.84	7.84	9.25	4.36	5.83	5.53
HEAD DENSITY (number of spikelets/10cm middle of head) LSD(0.01) = 0.992														
mean	9.8^{bcd}	8.8^{e}	9.4^{cde}	9.0^{de}	10.9^{a}	10.4^{ab}	9.2^{de}	9.8^{bcd}	10.0^{abc}	9.9^{bcd}	10.1^{abc}	10.1^{abc}	9.4^{cde}	9.7^{bcde}
std dev	2.39	1.73	1.63	2.12	3.29	2.04	1.50	1.81	1.97	1.84	2.19	2.09	1.68	2.25
GLUME LENGTH (mm) LSD(0.01)= 0.980														
mean	11.0^{c}	12.6^{a}	11.6^{ab}	10.9^{c}	11.3^{bc}	11.6^{ab}	11.2^{bc}	11.3^{bc}	11.0^{c}	10.6^{c}	11.5^{ab}	11.6^{ab}	11.6^{ab}	11.8^{ab}
std dev	2.15	2.02	2.33	2.00	1.98	2.18	1.49	1.78	2.16	1.62	2.02	2.14	2.17	2.11

Note: 1. Values followed by the same letter are not significantly different at P=0.01 according to Newman-Keuls Test in 'STATISTICA'
2. LSD taken as a minimum difference step from the Newman-Keuls Test in 'STATISTICA'

ROSE
Rosa

'Interpeach' syn **Peachy**

Application No: 94/104 Accepted: 6 May 1994.
Applicant: **Interplant B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Table 26, Figure 1) narrow bushy remontant cut flower rose. Young vegetative shoot: anthocyanin colouration weak, reddish brown. Stem: thorns present, lower surface concave. Leaf: size medium, medium green, medium glossiness upper side. Terminal leaflet: cross section slightly concave, margin serrulate, margin undulation weak, base rounded. Flower pedicel: prickles few. Flower bud profile: ovate. Flower size medium, double, profile upper flattened convex, lower flat, sepal extensions weak. Petal: size medium, orange colour group inner side RHS 29A- RHS 29D, outer side RHS 29A – RHS 29D; basal spot present both sides, medium, colour group yellow(RHS 6B), margin reflexing strong, undulation medium, stamen filament green/ white. Seed vessel: small, pitcher shaped.

Origin Controlled pollination: unnamed seedling x unnamed seedling, 1993. Breeder: Interplant B.V., The Netherlands. Selection criteria: vigorous growth, high production, good bud and flower form, unusual peach colour Propagation: vegetative methods through many generations.

Comparative Trial Comparator: 'Sweet Promise'. Location: Cranbourne, VIC Oct 1996 – 1997. Conditions: plants grown in scoria hydroponic within environmentally controlled glasshouse. Trial design: random sampling Measurements: 20 random samples of each variety collected over a four month period.

Prior Applications and Sales Nil.

Description: **Phil Elliott, Grandiflora Nurseries Pty. Ltd,** Cranbourne, VIC.

Table 26 *Rosa* varieties

	'Interpeach'	* 'Sweet Promise'
TERMINAL LEAFLET LENGTH (mm)		
mean	70.70	82.00
std deviation	5.24	1.41
LSD/sig	2.95	P≤0.01
TERMINAL LEAFLET WIDTH (mm)		
mean	42.55	56.00
std deviation	3.66	4.24
LSD/sig	3.04	P≤0.01
PETAL COLOUR (RHS)		
midzone		
-inside	29A-29D	38B
-outside	29A-29D	39D
margin		
-inside	29A-29D	38B
-outside	29A-29D	39D
STAMEN FILAMENT COLOUR	green/white	purple
FLOWER PEDICEL – thorns/prickles	few	medium
SEED VESSEL SIZE	small	medium

'Interlis' syn **Lydia**

Application No: 95/116 Accepted: 3 Apr 1995.
Applicant: **Interplant B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 3) Plant: narrow bushy, remontant, cut flower spray rose. Young vegetative shoot: anthocyanin colouration very weak, bronze. Stem thorns: present, lower surface concave, thorns short few, long very few. Leaf: size medium, medium green, glossiness upper side medium. Terminal leaflet: cross section slightly concave, margin undulation weak, length medium, width narrow, base rounded. Flower pedicel: blooms many, prickles many. Flower bud profile: round. Flower: size small, double, quantity of petals medium, profile upper flattened convex, lower flat, bloom fragrance very weak, sepal extensions weak; petals size small, colour group near white (RHS 49C – RHS 49C) center of flower white (RHS 49D) basal spot absent both surfaces, margin reflexing medium, undulation medium to strong, stamen filament green. Seed vessel: small, cup shaped. Flowering: timing medium, almost continuous.

Origin Controlled pollination: unnamed seedling (INES) x unnamed seedling 1990. Breeder: Interplant B.V. The Netherlands. Selection criteria: cutflower production in glasshouses or under other transparent cover, which produces 95% sprays and hardly any singles. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualified Person considers 'Suntink' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Netherlands	1992	Granted	'Lydia'

First sold The Netherlands 1993.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

'Prebian' syn **Bianca**

Application No: 95/117 Accepted: 3 Apr 1995.
Applicant: **Prego Royalty B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 3) Plant: narrow bushy remontant cut flower rose. Young vegetative shoot: anthocyanin colouration weak, bronze. Stem thorns: present, lower surface concave. Leaf: size large, medium green, glossiness upper side medium. Terminal leaflet: cross section slightly

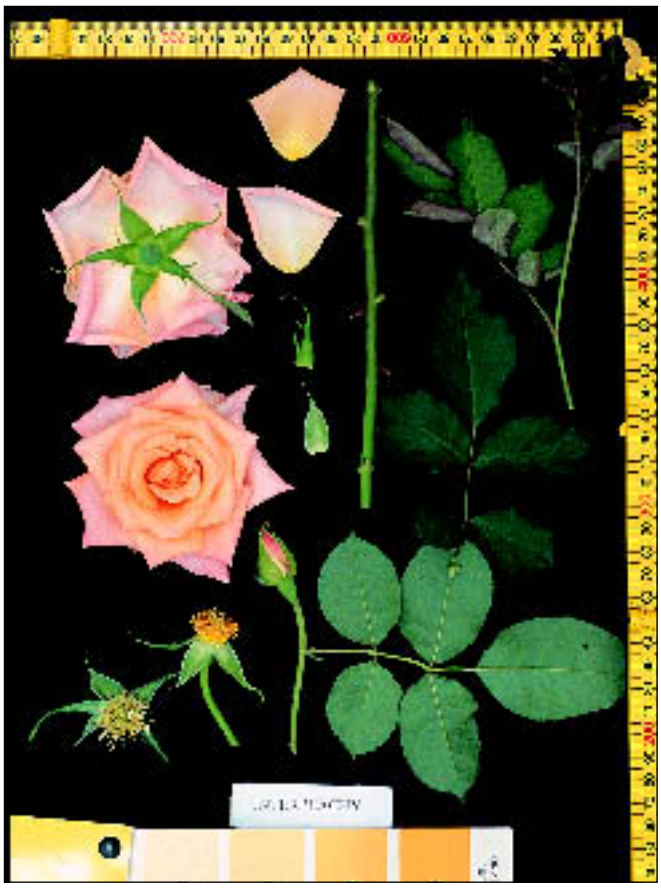

Fig 1 Rose - Plant parts of 'Interpeach' syn Peachy

Fig 2 Rose - Plant parts of 'Interlis'

Fig 3 Rose - Plant parts of 'Prebian'

Fig 4 Rose - Plant parts of 'Poulann'

Fig 5 Rose - Plant parts of 'Poulci'

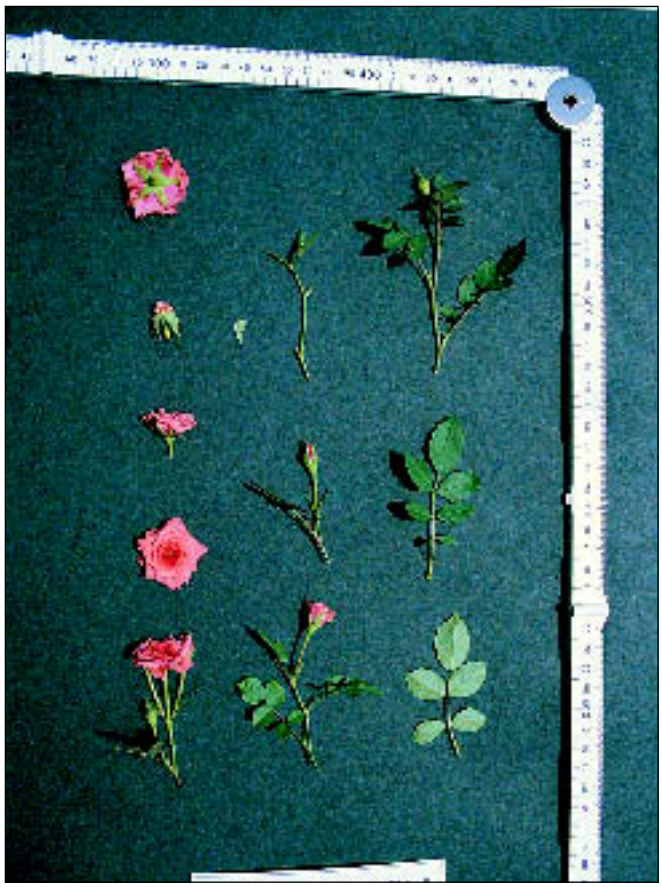

Fig 6 Rose - Plant parts of 'Pouloral'

Fig 7 Rose - Plant parts of 'Poulvic'

Fig 8 Rose - Plant parts of 'Ruijoho'

Fig 9 Rose - Plant parts of 'Ruikuik'

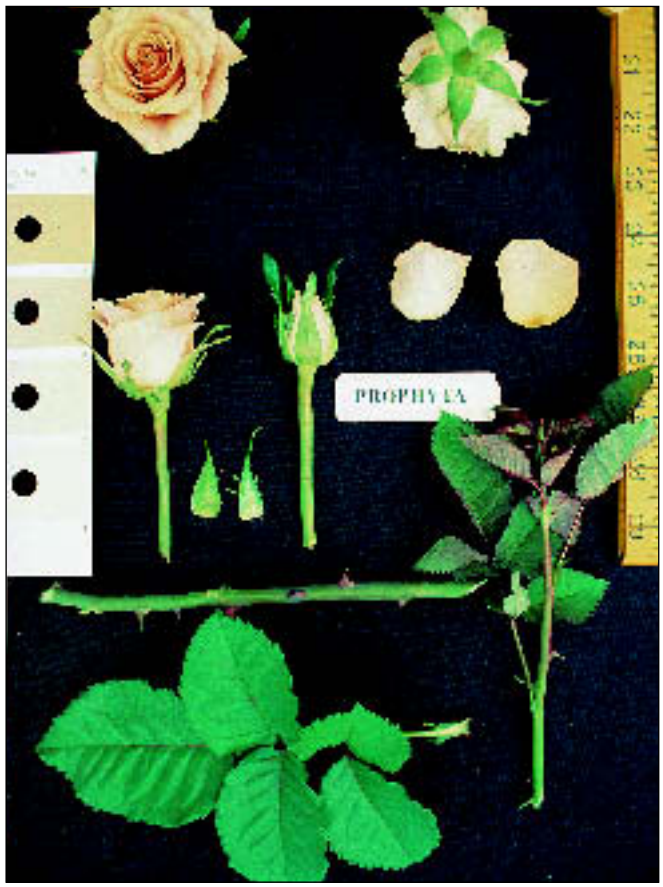

Fig 10 Rose - Plant parts of 'Ruirovingt' syn Prophyta

Fig 11 Rose - Plant parts of 'Selhafnium' syn Allure

Fig 12 Rose - Plant parts of 'Selcarbonium' syn Honesty

Fig 13 Rose - Plant parts of 'Selscandium' syn Mini Champagne

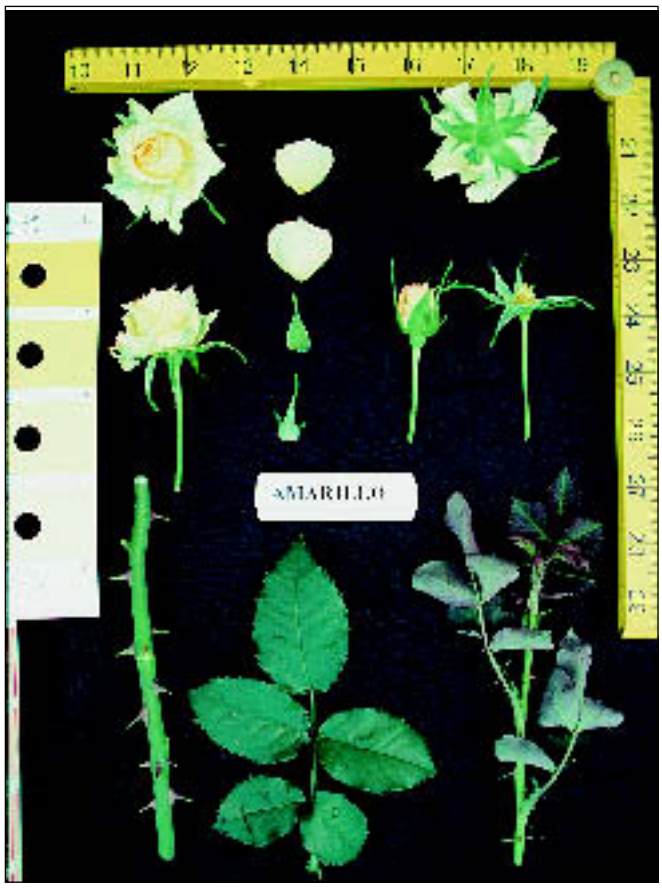

Fig 14 Rose - Plant parts of 'Selchroom' syn Amarillo

Fig 15 Rose - Plant parts of 'Schovian'

Fig 16 Rose - Plant parts of 'Spevu'

Fig 17 Rose - Plant parts of 'SUNdel'

Fig 18 Rose - Plant parts of 'SUNpat'

Fig 19 Rose - Plant parts of 'SUNsalm'

Fig 20 Rugosa Rose - Plant parts of 'Lily Freeman' (left) and its comparator 'Jens Munk' (right)

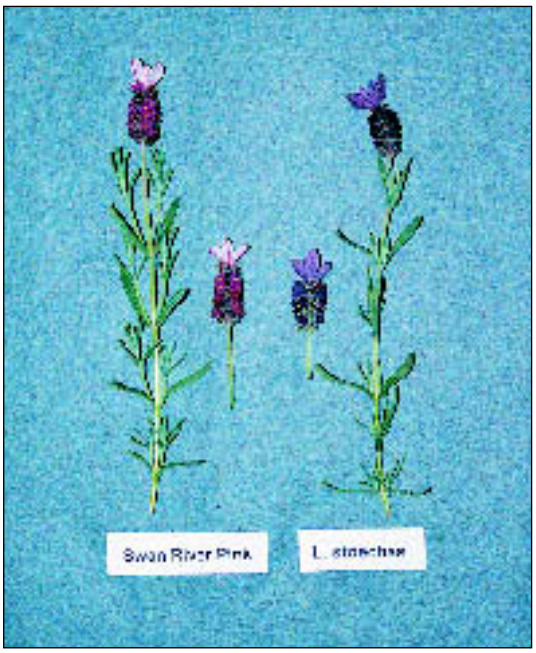

Fig 21 **Lavender - Inflorescence of 'Magenta Aurora' syn Swan River Pink (left) and its comparator *Lavandula stoechas* (right)**

Fig 22 **Lavender - Inflorescence and foliage on flowering stems of 'Willowbridge White' (left) and 'Henri Dunant'(Ф) (right)**

Fig 23 **Anthurium - Flowering plants of 'Champion' (left) and its comparator 'Valentino' (right)**

Fig 24 **Bidens - Flowering plant of 'Innbid' (Goldie) (right) and its comparator 'Gold Mound' (left)**

Fig 25 **Asteriscus - Flower head of 'Double Gold Coin' (left) and its comparator 'Gold Coin' (right)**

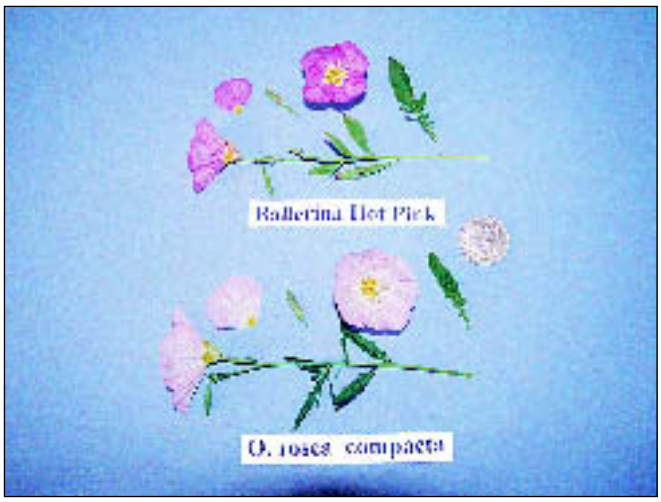

Fig 26 Evening Primrose - Flowering shoot, petal, capsule, open flower and basal leaf of 'Ballerina Hot Pink' (above) and its comparator 'Compacta' (below)

Fig 27 Brachyscome - Inflorescence and basal leaves of 'Lemon Twist' and its comparator 'Sunburst'(Ф)

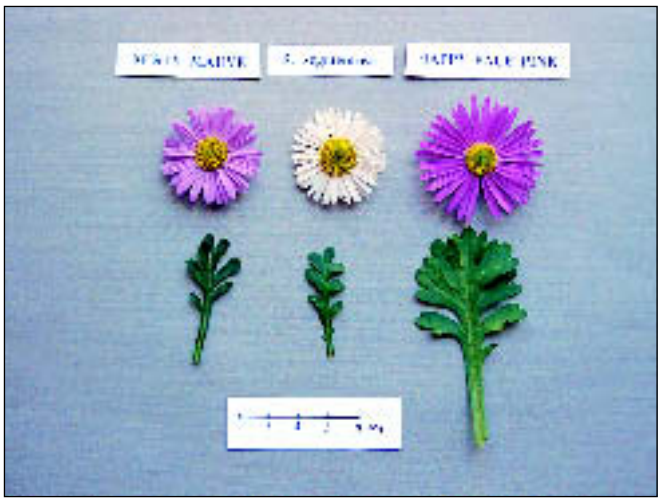

Fig 28 Brachyscome - Inflorescence and basal leaves of 'Misty Mauve', *Brachyscome segmentosa* and 'Happy Face Pink'

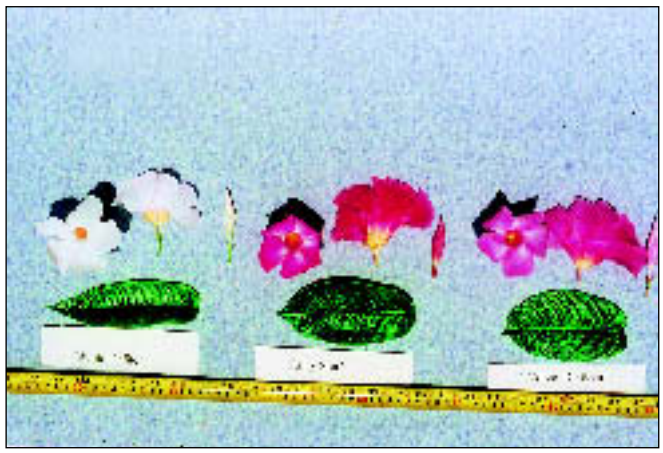

Fig 29 Mandevilla - Flowers, bud and leaf of 'Ruby Star' (centre) 'White Delite' (left) along with their comparator 'Alice du Pont' (right)

Fig 30 Clematis - Leaves and flower of 'Jenny Keay' (above) and its comparator 'Starlight' (below)

Fig 31 Tea Tree - Flowers of 'Bywong Merinda' (centre) with comparators 'Pink Cascade' (left) and 'Aphrodite'(Ф) (right).

Fig 32 Fan flower - 'Summertime Blues' (centre) with comparators 'Blue Fandango' (left) and 'Purple Fanfare' (right)

Fig 33 Camellia - Flowers of 'First Cover' (left) with its comparator 'Tanya' (right)

Fig 34 Bougainvillea - Flower shoot, bracts, flowers and upper and underside of leaf of 'Pedro'(centre) and its comparators 'Sanderiana' (left) and 'Pink Clusters' (right)

Fig 35 New Zealand Christmas Tree - Flowering shoot of 'Dalese' (left) and normal form of *Metrosideros tomentosa* (syn *Metrosideros excelsa*) (right) showing internode length differences

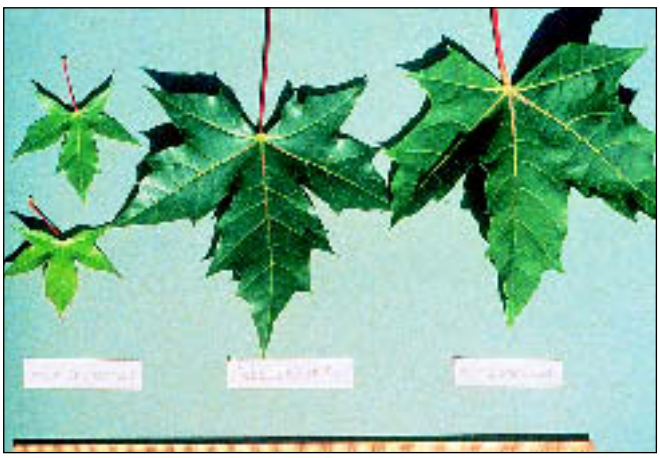

Fig 36 Maple - Leaves of 'Keithsform' and of its comparators *Acer truncatum* (left) and *Acer platanoides* (right)

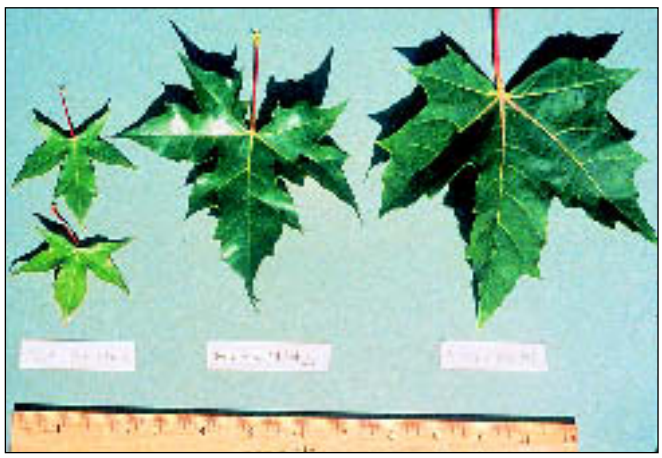

Fig 37 Maple - Leaves of 'Warrenred' (centre) and its comparators *Acer truncatum* (left) and *Acer platanoides* (right)

Fig 38 Weeping Fig - Leaves of 'Midnight Beauty' (left) and its comparator 'Exotica' (right)

Fig 39 Peach - Fruits and their longitudinal section (bottom row) of 'Julie' syn Tendresse (left), 'French Lady' (centre) with their comparator 'Tasty Zee'(b)(right)

Fig 40 Nectarine - Fruits and of 'Liz's Late' (Lizzee) (left) and its comparators 'Fairlane' (centre) and 'Flamekist' (right)

Fig 41 Nectarine - Fruits and their longitudinal section (bottom row) of 'Venus' (left) and of its comparators 'Fantasia' (centre) and 'Red Zee' (right)

Fig 42 Nectarine - Fruits of 'Zee Glo' (left) and of its comparators 'Fantasia' (centre) and 'Royal Giant' (right)

Fig 43 Wheat - Field rust reaction on the leaves of 'Carnamah' (rust free-left) 'Cunendrin' (second from left) and their comparators 'Spear'(rust infected -third from left) and 'Cascades' (rust infected – extreme right)

Fig 44 Wheat - Plant of 'Kalannie' (centre) with its comparators 'Aroona' (left) and 'Bodallin' (right)

Fig 45 Wheat - Plant of 'Perenjori' (centre) and its comparators 'Bodallin' (right) and 'Gutha' (left) showing height differences

Fig 46 Barley - Plant of 'Molloy' (centre) having short stiff straw as compared to the comparators 'O'Connor' (left) and 'Stirling' (right)

Fig 47 Oats - Plant of 'Toodyay' (centre) showing distinct yellow\green color as compared to blue\green color of comparators 'Pallinup' (right) and 'Mortlock' (left)

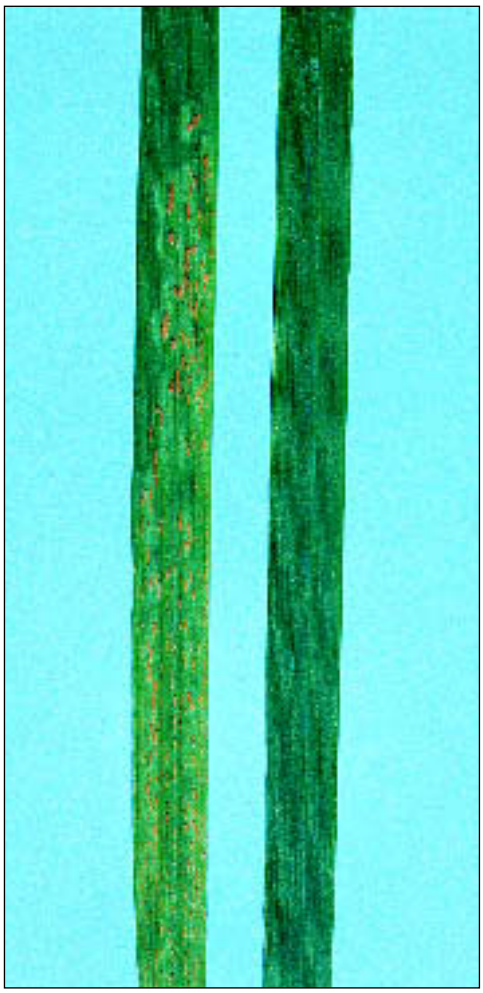

Fig 48 Oats- Leaf of 'Moola' (left) and its recurrent parent 'Dumont' (right) illustrating responses to a Dumont-virulent pathotype of *Puccinia coronata*.

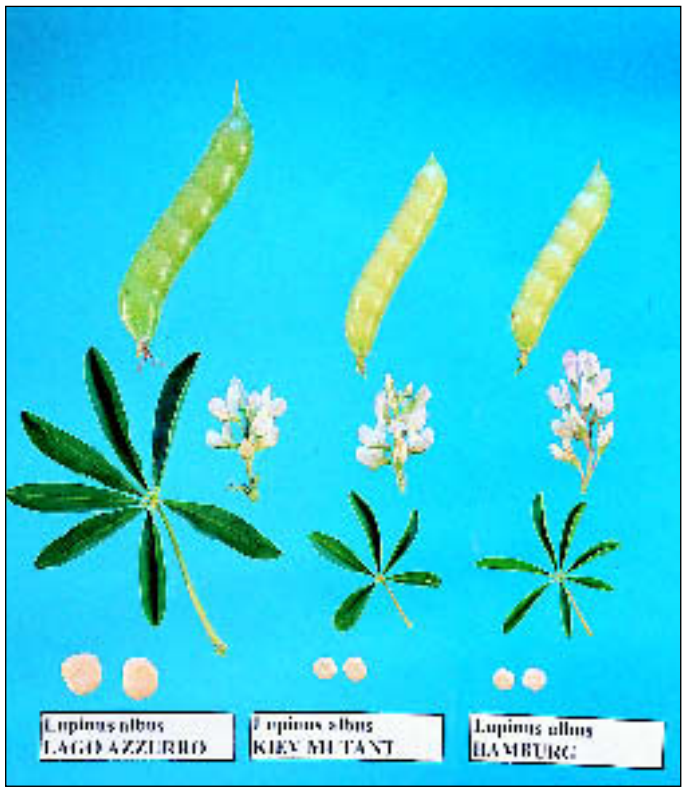

Fig 51 Lupin - Leaf, flowers, green pod and mature grains of 'Lago Azzurro' (left), 'Hamburg' (right) 'Kiev Mutant' (centre)

Fig 50 Narrow leafed lupin 'Kalya' (centre) and its comparators 'Gungurru' (right) and 'Warrah' (left) showing height differences

Fig 49 Oats 'Coomallo' (centre) and its comparators 'Pallinup' (right) and 'Mortlock' (left) showing height differences at anthesis

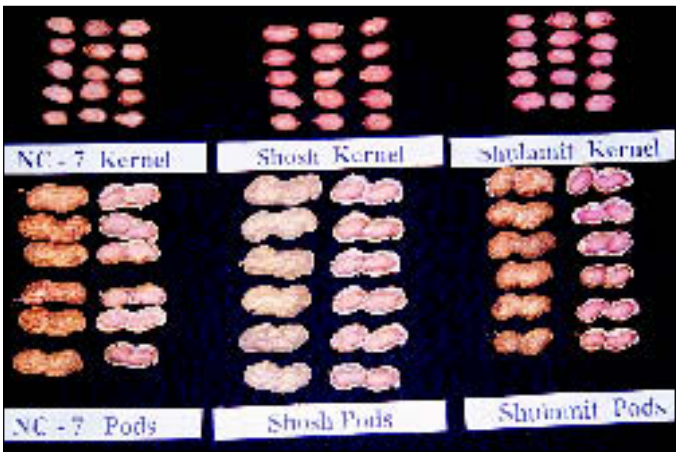

Fig 52 Peanut - Pods (below) and kernels (above) of 'Shosh' (centre) and its comparators 'Shulamit' (right) and 'NC-7' (left).

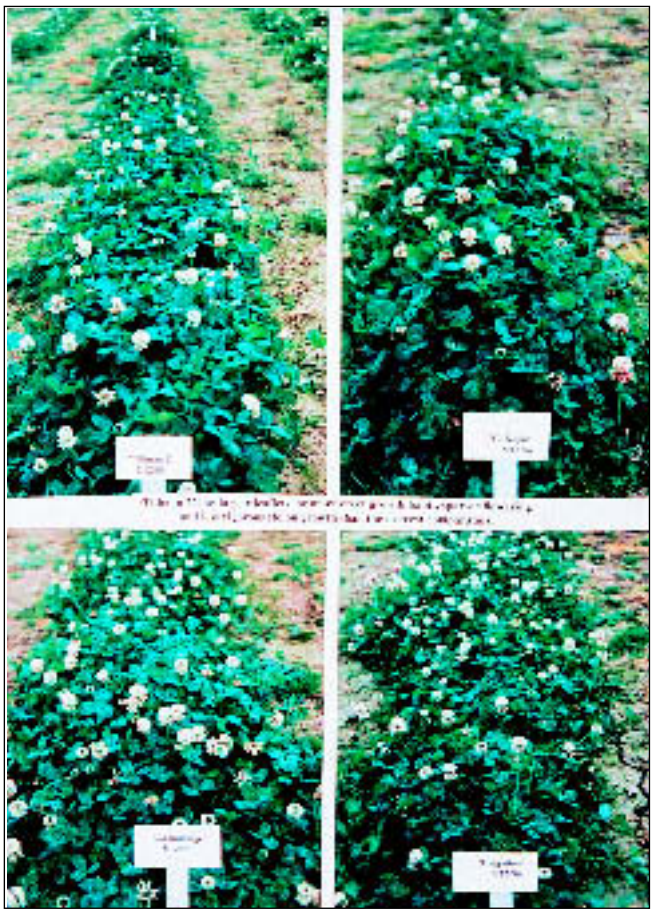

Fig 54 White Clover - A row of plants of 'Tillman 2' (above left) and its comparators 'Grasslands Kopu'(above right), 'Grasslands Challenge' (below left) and 'Irrigation' (below right). 'Tillman 2' has more erect growth habit, less vigorous stolon growth, longer leaflets and sparser flowering.

Fig 53 Leucaena - Seedlings of 'Tarramba' (left), and its comparators 'Cunningham' (centre) and 'Peru' (right) at 7 weeks growth

Fig 55 Urochloa - Plant of 'Saraji' (left) and its comparator 'Nixon' (right)

concave, margin undulation weak, base rounded. Flower pedicel: prickles few to medium. Flower bud profile: ovate. Flower: size large, double, profile upper flattened convex, lower profile flattened convex; fragrance weak; petal size medium, colour group white (RHS 155B), outer petal with a flush of green, basal spot absent both surfaces, margin reflexing medium, undulation medium to strong , stamen filament yellow. Seed vessel: medium, funnel shaped.

Origin Controlled pollination: 'P14' x 'P40'. Breeder: Prego Royalty B.V., The Netherlands. Selection criteria: cutflower production in glasshouses or under other transparent cover, large head size, strong stems, reasonable fragrance, good winter budform and production. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualified Person considers 'Tineke' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Netherlands	1993	Pending	'Prebian'
Germany	1993	Pending	'Prebian'
Italy	1993	Pending	'Prebian'
Israel	1993	Pending	'Prebian'

First sold The Netherlands 1993.

Description: **Phil Elliott**, Grandiflora Nurseries Pty Ltd, Cranbourne, VIC.

'Poulann' syn **Queen Parade**

Application No: 92/118 Accepted: 7 Sep 1992.
Applicant: **Poulsen Roser aps**, Fredensborg, Denmark.
Agent: **Grass Roots Pty Ltd**, Moss Vale, NSW.

Description (Figure 4) Plant: compact, bushy, flowering very early to medium, almost continuous, colour group Cerise. Young shoot: anthocyanin colouration very weak-weak, hue bronze. Thorns present, lower side concave, short thorns number medium, long few to medium. Leaf: small, medium to dark green, glossiness of upperside weak; terminal leaflet cross section flat, undulation of margin absent or weak; blade length short, width narrow; base rounded. Flowering shoot: flower number medium 3-15 flowers per branch, about 60 flowers per pot plant, number of hairs on pedicel medium-many. Flower bud: ovate. Flower: semi double-double, number of petals medium, very small, irregularly rounded, view upper flat, lower flattened convex, fragrance absent or very weak. Sepal: extensions weak to medium. Petal: small, colour inner middle zone purple red (RHS 58C), margin purple red (RHS 58C); outer middle zone purple red (RHS 55B), margin purple red (RHS 55B); basal spot present, size medium, inner light yellow (RHS 4D), outer light yellow (RHS 4D); reflexing of margin weak, undulation of margin weak to medium, Stamen: filament colour yellow. Seed vessel: very small to small, pitcher shaped.

Origin Spontaneous mutation: 'Poulvic'. Breeder: Pernille & Mogens Olesen of Poulsen Roser, Fredensborg, Denmark. Selection criteria: compact growth, longevity, suitability for pot culture, attractive flowers, flower colour. Propagation: vegetatively through numerous generations.

Comparative Trial The description is based on the overseas test report prepared by Bundessortenamt, Hannover, Germany and verified by the Qualified Person in Australia. The qualified person considers that 'Poulvic' is the closest comparator available in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Germany	1990	Granted	'Poulann'
Denmark	1990	Granted	'Poulann'
Netherlands	1990	Granted	'Poulann'
Great Britain	1990	Granted	'Poulann'

First sold Denmark 1992.

Description**: Peter Waterhouse, Grass Roots Pty Ltd**, Paddy's River, NSW

'Poulci' syn **Classic Parade**

Application No: 92/121 Accepted: 7 Sep 1992.
Applicant: **Poulsen Roser aps,** Fredensborg, Denmark.
Agent: **Grass Roots Pty Ltd,** Moss Vale, NSW.

Description (Figure 5) Plant: miniature rose, compact, bushy, short and narrow flowering early, almost continuous, colour group soft pink. Young shoot: anthocyanin colouration weak, hue bronze to reddish brown. Thorns present, lower side concave, short thorns number few, long few to medium. Leaf: small, dark green, glossiness of upperside weak; terminal leaflet cross section flat, undulation of margin absent or very weak; blade length short, width narrow; base rounded. Flowering shoot: flower number few about 60 flowers per pot plant, number of hairs on pedicel many. Flower bud: ovate. Flower: double, number of petals medium to many, very small, irregularly rounded, view upper flat, lower flattened convex, fragrance absent or very weak. Sepal: extensions weak. Petal: small, colour inner middle zone light pink (RHS 56C), margin light pink (RHS 56C); outer middle zone light pink (RHS 56D), margin light pink (RHS 56D); basal spot present, size medium, inner white (RHS 155C), outer white (RHS 155C); reflexing of margin weak, undulation of margin weak, Stamen: filament colour yellow. Seed vessel: small, pitcher shaped.

Origin Spontaneous mutation: 'Poulvic' (syn Victory Parade). Breeder: Pernille & Mogens Olesen, Poulsen Roser Aps, Fredensborg, Denmark. Selection criteria: compact growth, suitability for pot culture, attractive flowers, and colour and propagated vegetatively through numerous generations.

Comparative Trial The description is based on the overseas test report prepared by Bundessortenamt, Hannover, Germany and verified by the Qualified Person in Australia. The qualified person considers that 'Harmony Parade' is the closest comparator available in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Denmark	1989	Granted	'Poulvic'
Netherlands	1990	Granted	'Poulvic'
Great Britain	1990	Granted	'Poulvic'
France	1989	Granted	'Poulvic'
USA	1991	Pending	'Poulvic'

First sold Denmark 1990.

Description: **Peter Waterhouse, Grass Roots Pty Ltd,** Paddy's River, NSW.

'Pouloral' syn Dreaming Parade

Application No: 92/124 Accepted: 7 Sep 1992.
Applicant: **Poulsen Roser aps,** Fredensborg, Denmark.
Agent: **Grass Roots Pty Ltd,** Moss Vale, NSW.

Description (Figure 6) Plant: miniature rose, upright, bushy and even growth, flowering very early, almost continuous, colour Coral Red to Salmon Red. Young shoot: anthocyanin colouration weak to medium, hue bronze to reddish brown. Thorns present, lower side concave, short thorns number few to medium, long absent or very low. Leaf: very small to small, medium to dark green, glossiness of upperside weak to medium; terminal leaflet cross section slight concave, undulation of margin absent or very weak; blade length short, width narrow; base obtuse. Flowering shoot: flower number very few to few 3-5 flowers per branch, number of hairs on pedicel absent or very weak. Flower bud: ovate, large round and well formed. Flower: double, number of petals very many, very small to small (diameter 3cm-5cm), irregularly rounded, view upper flattened convex, lower flattened convex, fragrance absent or very weak. Sepal: extensions very weak to weak. Petal: very small to small, colour inner middle zone red group (RHS 43D), margin red group (RHS 43D); outer middle zone red (RHS 48C), margin red (RHS 48C); basal spot present, size small, inner light yellow (RHS 3C), outer light yellow (RHS 3C); reflexing of margin strong, undulation of margin medium to strong, Stamen: filament colour yellow. Seed vessel: small, pitcher shaped.

Origin Controlled pollination: unnamed seedling x 'Red Minimo'. Breeder: Pernille & Mogens Olesen, Poulsen Roser Aps, Fredensborg, Denmark. Selection criteria: compact growth, longevity, suitability for pot culture, attractive flowers, and colour. Propagation: vegetatively through numerous generations.

Comparative Trial The description is based on the overseas test report prepared by Bundessortenamt, Hannover, Germany and verified by the Qualified Person in Australia. The qualified person considers that 'Lavdoll'$^{\text{⑇}}$ is the closest comparators available in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Germany	1990	Granted	'Pouloral'
Denmark	1990	Granted	'Pouloral'
Netherlands	1990	Granted	'Pouloral'
Great Britain	1990	Granted	'Pouloral'

First sold Denmark 1992.

Description: **Peter Waterhouse, Grass Roots Pty Ltd,** Paddy's River, NSW.

'Poulvic' syn Victory Parade

Application No: 92/122 Accepted: 7 Sep 1992.
Applicant: **Poulsen Roser aps,** Fredensborg, Denmark.
Agent: **Grass Roots Pty Ltd,** Moss Vale, NSW.

Description (Figure 7) Plant: miniature rose, low growing, compact, bushy and even growth, short (height 20cm-23cm) and narrow, flowering early, almost continuous, extremely rich flowering, colour group light red and pink. Young shoot: anthocyanin colouration weak, hue bronze. Thorns present, lower side concave, short thorns number few, long very few to few. Leaf: small, medium to dark green, glossiness of upperside medium; terminal leaflet cross section flat, undulation of margin absent or very weak; blade length short, width narrow; base rounded. Flowering shoot: flower number few 5-15 flowers per branch, well formed flowers in large clusters, number of hairs on pedicel medium to many. Flower bud: ovate. Flower: double, number of petals very many, very small, irregularly rounded, view upper flat, lower convex, fragrance absent or very weak. Sepal: extensions weak. Petal: small, colour inner middle zone red group (RHS 52A), margin red group (RHS 52A); outer middle zone purple red (RHS 55A), margin purple red (RHS 55A); basal spot present, small to medium, inner light yellow (RHS 4D), outer light yellow (RHS 4D); reflexing of margin medium to strong, undulation of margin weak to medium, Stamen: filament colour yellow. Seed vessel: small, pitcher shaped.

Origin Controlled pollination: unnamed seedling x 'Red Minimo'. Breeder: Pernille & Mogens Olesen, Poulsen Roser Aps, Fredensborg, Denmark. Selection Criteria: compact growth, longevity, suitability for pot culture, attractive flowers, and colour. Propagated vegetatively through numerous generations, mainly propagated by cuttings in pots for forcing under glass, but is also suitable as a budded plant on *Rosa multiflora* for the garden.

Comparative Trial The description is based on the overseas test report prepared by Bundessortenamt, Hannover, Germany and verified by the Qualified Person in Australia. The qualified person considers that 'Ruicharm'$^{\text{⑇}}$ is the closest comparator available in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Germany	1989	Granted	'Poulvic'
Denmark	1989	Granted	'Poulvic'
Netherlands	1989	Granted	'Poulvic'
Great Britain	1990	Granted	'Poulvic'

First sold Denmark 1990.

Description: **Peter Waterhouse, Grass Roots Pty Ltd,** Paddy's River NSW.

'Ruijoho' syn Sunny Prophyta

Application No: 96/106 Accepted: 17 Jun 1996.
Applicant: **De Ruiter's Nieuwe Rozen B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 8) Plant: narrow bushy remontant cut flower rose. Young vegetative shoot: anthocyanin coloration weak to medium, bronze to reddish brown. Stem thorns: present, lower surface concave. Leaf: size medium, light to medium green, medium glossiness upper side. Terminal leaflet: cross section slightly concave, margin undulation strong, blade length medium, width medium, base rounded. Flower pedicel: prickles few. Flower bud profile: ovate. Flower: size medium, double, profile upper flattened convex, lower flattened convex; petal, size small, colour group yellow, centre of flower RHS 12B- RHS 12C center of flower, margin RHS 12C to RHS 12D, basal spot absent both sides, margin reflexing strong, undulation strong, stamen filament yellow. Seed vessel: large, pitcher shaped.

Origin Spontaneous mutation: 'Ruirovingt' 1992. Breeder: De Ruiter's Nieuwe Rozen B.V., The Netherlands. Selection criteria: cutflower production in glasshouses or under other transparent cover. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualifed Person considers 'Frisco' to be the closest known comparator in Australia.

Prior Application and Sales

Country	Year	Status	Name Applied
Netherlands	1993	Pending	'Ruijoho'
Belgium	1994	Pending	'Ruijoho'
France	1994	Pending	'Ruijoho'
Germany	1994	Pending	'Ruijoho'
Denmark	1995	Pending	'Ruijoho'
Spain	1994	Pending	'Ruijoho'
Italy	1995	Applied	'Ruijoho'
EEC	1996	Applied	'Ruijoho'
Israel	1994	Applied	'Ruijoho'
Zimbabwe	1995	Applied	'Ruijoho'
Republic of South Africa	1994	Pending	'Ruijoho'
Japan	1995	Applied	'Ruijoho'
USA	1995	Applied	'Ruijoho'

First sold The Netherlands 1995.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

'Ruikuik' syn **Cream Prophyta**

Application No: 95/118 Accepted: 3 Apr 1995.
Applicant: **De Ruiter's Nieuwe Rozen B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 9) Plant: narrow bushy remontant cut flower rose. Young vegetative shoot: anthocyanin coloration weak, reddish brown. Stem thorns: present, lower surface concave. Leaf: size medium, light to medium green, glossiness upper side weak to medium. Terminal leaflet: cross section slightly concave, margin undulation medium, blade length medium, width broad, base rounded. Flower pedicel: prickles few. Flower bud profile: ovate. Flower: size medium, double, profile upper flattened convex, lower flattened convex; petal size meduim, colour group yellow(RHS 4C – RHS 4D) center of flower (RHS 4D) basal spot present inner side, very small to small, colour(RHS 4A), outer side absent, margin reflexing weak to medium, undulation medium, stamen filament yellow. Seed vessel: medium, funnel shaped.

Origin Spontaneous mutation or sport: 'Ruirovingt' 1992. Breeder: De Ruiter's Nieuwe Rozen B.V., The Netherlands. Selection criteria: cutflower production in glasshouses or under other transparent cover. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualified Person considers 'Champagne' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Netherlands	1993	Pending	'Ruikuik'
Belgium	1994	Pending	'Ruikuik'

First sold The Netherlands 1994.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty. Ltd,** Cranbourne, VIC.

'Ruirovingt' syn **Prophyta**

Application No: 93/256 Accepted: 6 Dec 1993.
Applicant: **De Ruiter's Nieuwe Rozen BV,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 10) Plant: upright to bushy remontant cut flower rose. Young vegetative shoot: anthocyanin coloration weak, bronze to reddish brown. Stem thorns: present, upper surface flat, lower surface concave to flat. Leaf: size medium, medium green, glossiness upper side weak. Terminal leaflet: cross section concave, margin undulation medium, base wedge shaped. Flower pedicel: prickles very few. Flower bud profile: ovate. Flower: size medium, double, profile upper flat, lower flattened convex; petals size medium, colour group apricot blend (RHS 36C – RHS 50D) basal spot large, yellow both surfaces, margin reflexing very weak to weak, undulation weak, stamen filament yellow. Seed vessel: medium, pitcher shaped.

Origin Controlled pollination: 'Korelapei' x 'Kortexung', 1987. Breeder: De Ruiter's Nieuwe Rozen B.V., The Netherlands. Selection criteria: cutflower production in glasshouses or under other transparent cover. Propagation: vegetative for many generations

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualified Person considers 'Gerdo' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Netherlands	1990	Granted	'Ruirovingt'
Germany	1990	Pending	'Ruirovingt'
Belgium	1990	Pending	'Ruirovingt'
Great Britain	1991	Pending	'Ruirovingt'
USA	1991	Pending	'Ruirovingt'

First sold The Netherlands, 1991.

Description: **Phil Elliott**,**Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

'Selscandium' syn **Mini Champagne**

Application No: 93/255 Accepted: 6 Dec 1993.
Applicant: **Terra Nigra B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries,** Cranbourne, VIC.

Description (Table 27, Figure 13) Plant: narrow bushy, remontant, cut flower spray rose. Young vegetative shoot: anthocyanin colouration weak, red. Stem thorns: present, lower surface concave. Leaf: size medium, medium green, weak glossiness upper side. Terminal leaflet: cross section flat, margin undulation weak, base rounded. Flower pedicel: prickles few. Flower bud profile: ovate. Flower: size small, double, profile upper flattened convex , lower flat. Petal: size small, colour group yellow-white (RHS 158B – RHS 158D), basal spot absent both surfaces, margin reflexing weak, undulation medium, stamen filament red. Seed vessel: small, pitcher shaped.

Origin Controlled pollination: 'Sprayer' x 'Princess', 1991. Breeder: Terra Nigra B.V., The Netherlands. Selection criteria : production of flowers as a cut flower spray rose, garden use as a patio spray rose, unique cream coloured flowers with a rapid flowering cycle and long bloom life. Propagation: vegetative for many generations.

Comparative Trial Comparator: 'Sunwend'ф. Location: Cranbourne, VIC Oct 1996 – Jan 1997. Conditions: plants grown in scoria hydroponic within environmentally controlled glasshouse. Trial design: random sampling. Measurements: 20 random samples of each variety collected over a four month period.

Prior Applications and Sales Nil.

Description: **Phil Elliott, Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Table 27 *Rosa* varieties

	'Selscandium'	* 'Sunwend'ф
THORN LENGTH (mm)		
mean	9.65	8.85
std deviation	0.25	0.67
LSD/sig	0.39	P≤0.01
TERMINAL LEAFLET LENGTH (mm)		
mean	69.95	51.65
std deviation	5.52	4.02
LSD/sig	3.71	P≤0.01
TERMINAL LEAFLET WIDTH (mm)		
mean	46.35	29.15
std deviation	3.99	2.70
LSD/sig	2.62	P≤0.01
PETIOLE LENGTH (mm)		
mean	23.80	17.75
std deviation	2.89	3.08
LSD/sig	2.29	P≤0.01
LEAFLET COLOUR		
upper side	medium green	dark green
FLOWER DIAMETER (mm)		
mean	54.75	65.7
std deviation	3.35	3.66
LSD/sig	2.69	P≤0.01
PETAL COLOUR (RHS)		
midzone		
– inside	158B-158D	155B/155D
– outside	158B-158D	155B/155D
margin		
– inside	158B-158D	155B/155D
– outside	158B-158D	155B/155D

'Selcarbonium' syn **Honesty**

Application No: 93/252 Accepted: 6 Dec 1993.
Applicant: **Terra Nigra B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 12) Plant: narrow bushy remontant cut flower rose. Young vegetative shoot: anthocyanin coloration weak to medium, bronze. Stem thorns: present, lower surface deep concave to concave. Leaf: size large, medium green, medium glossiness upper side. Terminal leaflet: cross section flat, margin undulation weak to medium, base rounded. Flower pedicel: prickles few. Flower bud profile: ovate. Flower: fragrance, strong, size large, double, profile upper flattened convex , lower flattened convex ; petals, size large, near white colour group,(RHS 155C – RHS 155D) center of flower light pink (RHS 49D) basal spot absent both surfaces, margin reflexing medium, undulation medium, stamen filament pink. Seed vessel: medium, funnel shaped.

Origin Controlled pollination: 'Tineke' (Ines) x unknown seedling, 1989. Breeder: Terra Nigra B.V., The Netherlands. Selection criteria: cutflower production in glasshouse or under other transparent cover, large head size, strong fragrance. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne, VIC. The Qualified Person considers 'Bridal White' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Netherlands	1992	Pending	'Selcarbonium'
Germany	1992	Pending	'Selcarbonium'
France	1993	Pending	'Selcarbonium'
USA	1993	Pending	'Selcarbonium'

First sold The Netherlands 1993.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty. Ltd,** Cranbourne, VIC.

'Selhafnium' syn **Allure**

Application No: 93/254 Accepted: 6 Dec 1996.
Applicant: **Terra Nigra B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 11) Plant: narrow bushy remontant cut flower rose. Young vegetative shoot: anthocyanin coloration weak to medium, bronze. Stem thorns: present, lower surface slight concave. Leaf: size medium, medium green, glossiness upper side weak. Terminal leaflet: cross section slightly convex, margin undulation weak, base rounded. Flower pedicel: prickles many. Flower bud profile: ovate. Flower: size medium, double, profile upper flattened convex, lower convex; petals size medium, medium yellow colour group, (RHS 8B -RHS 8D) basal spot absent both surfaces, margin reflexing weak to medium, undulation weak to medium, stamen filament orange. Seed vessel: medium, funnel shaped.

Origin Controlled pollination 'Seliantan' (Tanja) x unknown seedling, 1989. Breeder: Terra Nigra B.V., The Netherlands. Selection criteria: cutflower production in glasshouses or under other transparent cover, large head size, slight fragrance. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualified Person considers 'Cocktail' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Netherlands	1992	Pending	'Selhafnium'
France	1993	Pending	'Selhafnium'
Belgium	1993	Pending	'Selhafnium'
USA	1993	Pending	'Selhafnium'

First sold The Netherlands 1993.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

'Selchroom' syn **Amarillo**

Application No: 93/253 Accepted: 6 Dec 1993.
Applicant: **Terra Nigra B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 14) Plant: narrow bushy, remontant, cut flower spray rose. Young vegetative shoot: anthocyanin coloration weak to medium, bronze. Stem thorns: present, lower surface concave. Leaf: size medium, light to medium green, glossiness upper side medium to strong. Terminal leaflet: cross section slightly concave, margin undulation medium, base rounded. Flower pedicel: prickles many. Flower bud profile: broad ovate. Flower: size small, double, profile upper flattened convex, lower flat; petal size small, colour group medium yellow (RHS 9B (lighter) – RHS 10D), basal spot inner side, present, very small to small, colour RHS 9A, outer side absent; margin reflexing strong, undulation medium, stamen filament orange. Seed vessel: medium, funnel to pitcher shaped.

Origin Controlled pollination: 'Seline' x 'unknown seedling', 1987. Breeder: Terra Nigra B.V., The Netherlands. Selection criteria: cutflower production in glasshouses or under other transparent cover, spray formation and yellow flower colour. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualfied Person considers 'Frisco' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Netherlands	1992	Pending	'Selchroom'
Germany	1992	Pending	'Selchroom'
Belgium	1993	Pending	'Selchroom'

First sold The Netherlands 1993 under the name of 'Amarillo'.

Description: **Phil Elliott**, Grandiflora Nurseries Pty Ltd, Cranbourne, VIC.

'Schovian' syn **Viviane**

Application No: 95/119 Accepted: 4 Apr 1995.
Applicant: **PJW Schreurs,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 15) Plant: narrow bushy, remontant, cut flower spray rose. Young vegetative shoot: anthocyanin colouration medium, bronze to reddish brown. Stem thorns: present, lower surface concave. Leaf: size medium, medium green, glossiness upper side weak to medium. Terminal leaflet: cross section slightly concave, margin undulation weak, length of blade short, width of blade narrow, base wedge-shaped. Flower pedicel: prickles few. Flower bud profile: ovate. Flower: size small, semi-double, profile upper flattened convex, lower flat ; petals, size small, colour group white(RHS 155D) centre of flower white (RHS 155D) marginal zone, basal spot absent both sides, marginal reflexing medium, undulation medium to strong, stamen filament white. Seed vessel: small, pitcher shaped.

Origin Controlled pollination: 'Princess' x unnamed seedling. Breeder: PJW Schreurs, The Netherlands 1993. Selection criteria: cut flower production with 90%+ of flowering stems having flowers borne in clusters, good year round flower production, vigorous upright growth, long vase life, virtually thornless. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne, VIC. The Qualified Person considers 'Sunwend'(ϕ) to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Netherlands	1994	Applied	'Schovian'

First sold The Netherlands 1995.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

'Spevu' syn **Lovely Fairy**

Application No: 94/049 Accepted: 13 Apr 1994.
Applicant: **Jan Spek Rozen B.V.,** The Netherlands.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 16) Plant: short bushy, remontant, ground cover rose. Young vegetative shoot: anthocyanin coloration absent to very weak, bronze. Stem thorns: present, lower surface concave. Leaf: very small to small, light green, glossiness upper side medium to strong. Terminal leaflet: cross section slight concave, margin undulation weak to medium, base rounded. Flower pedicel: prickles medium to many. Flower bud profile: broad ovate. Flower: size small, double, profile upper flattened convex, flattened convex lower flattened convex; petal size very small to small, colour group light red and dark pink (RHS 57B), basal spot inner surface, size medium, colour RHS 155A, outer surface size medium, colour RHS 11D, margin reflexing weak, undulation medium, stamen filament yellow. Seed vessel: very small, pear-shaped.

Origin Spontaneous mutation: 'The Fairy'. Breeder: Jan Spek Rozen B.V., The Netherlands. Selection criteria: ground cover rose with all the attributes as 'The Fairy' in the dark pink colour range. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official Dutch PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualified Person considers 'The Fairy' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
Netherlands	1991	Granted	'Spevu'

First sold The Netherlands 1992 under the name 'Lovely Fairy'.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

'SUNdel' syn **Delilah**

Application No: 95/077 Accepted: 1 Mar 1995.
Applicant: **Franko Roses,** New Zealand.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 17) Plant: narrow bushy, remontant, cut flower rose. Young vegetative shoot: anthocyanin coloration weak, bronze to reddish brown. Stem thorns: present, lower surface concave. Leaf: size medium, dark green, glossiness upper side absent or very weak. Terminal leaflet: cross section slightly concave, margin undulation medium, base rounded. Flower pedicel: prickles few. Flower bud profile: broad ovate. Flower: size small to medium, double, profile upper flattened convex, lower convex; petal, size medium, colour group blue pink (RHS 70C – RHS 74D) basal spot inner side size medium, colour yellow green (RHS 4C), outer size medium colour yellow green (RHS 4C) margin reflexing strong, undulation medium, stamen filament yellow. Seed vessel: medium, pitcher shaped.

Origin Controlled pollination: unknown seedling x 'Oceanie'. Breeder: Frank Bart Schuurman. Selection criteria: novel lilac pink with long stems for cut flower production. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official New Zealand PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualified Person considers 'Angelface' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
New Zealand	1994	Granted	'SUNdel'

First sold New Zealand 1993.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

'SUNpat' syn **Opal**

Application No: 95/004 Accepted: 24 Jan 1995.
Applicant: **Franko Roses,** New Zealand.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 18) Plant: narrow bushy, tending remontant, patio rose. Young vegetative shoot: anthocyanin coloration medium, reddish brown. Stem thorns: present, lower surface convex. Leaf: size small to medium colour dark green, glossiness upper side strong. Terminal leaflet: cross section concave, margin undulation medium, base rounded. Flower pedicel: prickles few. Flower bud profile: ovate. Flower: size small to medium, double, profile upper and lower flattened convex; petal size small, colour group light blue pink (RHS 56A – RHS 56A) basal spot inner and outer side size small, colour yellow green (RHS 1C) margin reflexing medium, undulation weak, stamen filament green. Seed vessel: small, pitcher shaped .

Origin Controlled pollination: 'White Dream' x 'Dicky Bird'. Breeder: Frank Bart Schuurman. Selection criteria: patio rose suitable for container growing and border planting. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official New Zealand PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The Qualified Person considers 'Suntink' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
New Zealand	1990	Granted	'SUNpat'

First sold New Zealand in 1992.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

'SUNsalm' syn **Gem**

Application No: 95/003 Accepted: 24 Jan 1995.
Applicant: **Franko Roses,** New Zealand.
Agent: **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

Description (Figure 19) Plant: narrow bushy tending remontant patio rose. Young vegetative shoot: anthocyanin coloration medium, reddish brown to purple. Stem thorns: present, lower surface concave. Leaf: size small, medium green, glossiness upper side medium. Terminal leaflet: cross section slightly concave, margin undulation weak, base rounded. Flower pedicel: prickles many. Flower bud profile: broad ovate. Flower: size small to medium, double, profile upper convex, lower profile flat; petal, size very small, colour group orange red (RHS 40C/40D – RHS 50D) basal spot inner side size medium, colour yellow (RHS 3A), outer size small, colour yellow (RHS 3A) margin reflexing strong, undulation weak to medium, stamen filament yellow. Seed vessel: small, pitcher shaped .

Origin Controlled pollination: 'Sexy Rexy' x 'Firefly'. Breeder: Frank Bart Schuurman. Selection criteria: patio rose suitable for container growing and border planting. Propagation: vegetative for many generations.

Comparative Trial All descriptions are based on the official New Zealand PBR certificate and confirmed under glasshouse conditions at Cranbourne VIC. The QP considers 'Starina' to be the closest known comparator in Australia.

Prior Applications and Sales

Country	Year	Status	Name Applied
New Zealand	1990	Granted	'SUNsalm'

First sold New Zealand 1992.

Description: **Phil Elliott**, **Grandiflora Nurseries Pty Ltd,** Cranbourne, VIC.

RUGOSA ROSE
Rosa rugosa

'Lily Freeman' syn **HUXL 1**

Application No: 96/064 Accepted: 11 Apr 1996.
Applicant: **Ian Huxley,** Guildford, VIC.

Description (Table 28, Figure 20) Plant: growth habit medium upright to bushy shrub rose. Stem: young -green, mature- light brown. Young shoot: anthocyanin not present, light green. Thorn: profile upper and lower concave, many, size small, very pale green. Leaf: size small, colour medium green, glossiness weak, cross section slight concave, marginal undulation medium, base shape obtuse. Flowering shoot: number of flowers medium in terminal clusters. Flower pedicel: few hairs. Flower bud shape: ovate. Flower: single, diameter medium, view from above irregularly round, profile upper flat, lower flat, fragrance medium. Sepal extensions: absent. Petal: size medium, colour inside midzone RHS 73B, outside midzone RHS 73C, inside margin RHS 73B, outside margin RHS 73C, basal spot inside very small RHS 11D; margin reflexing absent, undulation strong. Stamen: many, filaments white, graduated length, anther pronounced bright yellow, elevated above compact pale green stigma. Seed vessel: squat urn shaped maturing to glossy red.

Origin Seedling selection: 'Schneezwerg' (probably self pollinated). Breeder: Ian Huxley, Guildford, VIC. Selection criteria: growth habit, flower characteristics, flower fragrance, perpetual flowering, suitability as a hedging plant, disease resistance. Propagation: vegetative through four generations.

Comparative Trial Comparator: 'Jens Munk'. Location: Guildford, VIC Nov 1996 – Feb 1997. Conditions: in open bed of volcanic clay loam. Trial design: eight mature plants of the candidate and ten mature plants of comparator grown in rows interplanted with other varieties. Measurements: minimum of 20 random samples taken from all plants.

Prior Applications and Sales
First sold Australia 1996.

Description **Ian Huxley, Hilltop Cottage Rose Gardens,** Guildford, VIC.

Table 28 *Rosa* varieties

	'Lily Freeman'	***'Jens Munk'**
THORN LENGTH (mm)		
mean	6.60	8.53
std deviation	0.81	1.05
LSD/sig	1.56	P≤0.01
TERMINAL LEAFLET WIDTH (mm)		
mean	14.3	17.8
std deviation	1.52	1.70
LSD/sig	1.56	P≤0.01
FLOWER DIAMETER (mm)		
mean	54.1	65.7
std deviation	0.81	6.54
LSD/sig	4.87	P≤0.01
SEPAL LENGTH (mm) – at petal drop		
mean	16.4	20.2
std deviation	1.92	2.63
LSD/sig	2.03	P≤0.01
PETAL COLOUR (RHS)		
midzone-outside	73C	73B
-inside	73B	73A
margin-outside	73C	73B
-inside	73B	73A
BASAL SPOT COLOUR (RHS)	11D	2A
STAMEN FILAMENT COLOUR	white	white

SCAEVOLA (FAN FLOWER)
Scaevola aemula

'Summertime Blues'

Application No: 96/286 Accepted: 25 Feb 1997.
Applicant: **Innovaplant GmbH & Co KG,** Gensingen, Germany.
Agent: **Protected Plant Promotions,** Macquarie Fields, NSW.

Description (Table 9, Figure 32) Plant: compact, clumping, spreading to upright, perennial. Stem: branching, internodes short, colour yellow green (RHS 144A). Leaf: spathulate – obovate, alternate, medium – strong serrations, sparsely pubescent, apex acute, base attenuate, colour green (RHS 137A-137B), medium glossiness. Inflorescence: borne solitary in leaf axis, develop acropetally. Corolla: large, split to base on one side, corolla lobes large, spreading, elliptical, apiculate, bases overlap, striped, colour violet blue (RHS 90C), mid-rib colour violet blue (RHS 87B – 90C), throat colour yellow RHS 2A with distal edge white (RHS 155B). Indusium hairs and style colour grey purple (RHS 187A).

Origin Spontaneous mutation: 'Newon'. Breeder: Garry Grueber, Gensingen, Germany. Selection criteria: bushy growth habit, free flowering. Propagation: cuttings through many generations.

Comparative Trial Comparators: 'Purple Fanfare', 'Blue Fandango'. Location: Colourwise Nursery (NSW) Pty Ltd, Glenorie, NSW, Jun 1996 – Oct, 1996. Conditions: plants were raised in Debco® Light Weight Potted Colour Mix with Saturaid® and slow release nutrients. in 140 mm pots in open beds with overhead irrigation. Trial design: 10 plants arranged in completely randomised design (unequal number of replications). Measurements: taken from 10 specimens selected from 10 plants for 'Summertime Blues' and 'Purple Fanfare' and 2 plants of 'Blue Fandango'.

Prior Applications and Sales Nil.

First sold Australia, 1996.

Description: **Ian Paananen,** Kincumber, NSW.

Table 9 *Scaevola* varieties

	'Summertime Blues'	***'Purple Fanfare'**	***'Blue Fandango'**
PLANT HABIT			
	upright/ clumping	prostrate/ trailing	prostrate/ trailing
PLANT HEIGHT (cm)			
mean	24.4	18.8	20.8
std deviation	1.97	1.84	2.48
LSD/sig	3.8	P≤0.01	ns
STEM LENGTH (cm)			
mean	28.6	48.2	43.8
std deviation	1.59	4.33	10.96
LSD/sig	7.96	P≤0.01	P≤0.01
INTERNODE LENGTH (mm)			
mean	22.5	48.7	31.8
std deviation	4.10	10.85	2.55
LSD/sig	15.74	P≤0.01	ns
LEAF LENGTH (mm) – first leaf of a flowering lateral			
mean	58.23	47.52	46.90
std deviation	5.69	8.08	4.81
LSD/sig[a]	7.82	P≤0.01	–
LSD/sig	13.55	–	ns
MAIN FLOWER COLOUR (RHS)			
	90C	90D	87C – 87D
COROLLA LOBE			
position	overlap at base	overlap at base	separate
mid rib colour (RHS)			
	87B	87B	87B
fading to	90C	90D	90D
COROLLA DIAMETER (mm)			
mean	36.2	35.1	38.9
std deviation	0.67	1.37	1.59
LSD/sig	2.50	ns	P≤0.01
COROLLA LENGTH (mm)			
mean	33.23	30.42	30.86
std deviation	1.04	1.24	1.72
LSD/sig	2.68	P≤0.01	ns
CENTRAL COROLLA LOBE WIDTH (mm) – widest point			
mean	6.48	6.06	5.63
std deviation	0.25	0.30	0.60
LSD/sig	0.81	ns	P≤0.01

a – the most conservative LSD is given for all other cases except here where it makes the significant difference non-significant.

TEA TREE
Leptospermum hybrid

'Bywong Merinda'

Application No: 96/142 Accepted: 25 Jul 1996.
Applicant: **Peter Ollerenshaw,** Bungendore, NSW.

Description (Table 29, Figure 31) Plant:shrub, height up to 1.0m. Stem: tips greyed purple when new grown. Corolla: large, petal large, covering the calyx, red purple (RHS 63A).

Origin Controlled pollination: *Leptospermum spectabile* 'Aphrodite'(ϕ) x *L. scoparium* 'Pink Cascade'. Breeder: Peter Ollerenshaw, Bungendore, NSW. Selection criteria: flower number, colour and plant habit. Propagation: vegetatively propagated by stem cuttings through five generations.

Comparative Trial Comparators: 'Aphrodite'(ϕ) , 'Pink Cascade'. Location: Bywong nursery, Bungendore, NSW, Feb 1996 – Nov 1996. Conditions: plants raised in 200mm pots with potting mix in a plastic greenhouse. Trial design: ten randomised complete blocks. Measurements: taken from 5 random samples from each of 10 plants.

Prior Applications and Sales Nil.

Description: **RL Dunstone,** NSW.

Table 29 *Leptospermum* varieties

	'Bywong Merinda'	*'Aphrodite'(ϕ)	*'Pink Cascade'
PLANT HABIT			
	semi-prostrate	upright	prostrate
STEM – new growth tips			
colour	greyed purple	greyed red	greyed red
RHS	183C	182B	181A
LEAF LENGTH (mm) – fully expanded, leaf 2 below flower			
mean	12.7	15.9	9.4
std deviation	1.70	2.49	1.99
LSD/sig	0.68	P≤0.01	P≤0.01
LEAF WIDTH (mm) – fully expanded, leaf 2 below flower			
mean	2.5	4.3	1.5
std deviation	0.44	0.47	0.33
LSD/sig	0.22	P≤0.01	P≤0.01
LEAF			
colour	yellow green	green	yellow green
RHS	147A	137C	147B
shape	linear elliptic	elliptic	linear
apex	acute	acute	subulate-acute
base	attenuate	attenuate-cuneate	attenuate
NEW FLOWER			
colour	red purple	red purple	red purple
RHS	63A	63A	62D
CALYX – exposure between petals			
	low	high	nil
COROLLA DIAMETER (mm)			
mean	21.8	20.5	17.2
std deviation	1.44	2.05	2.09
LSD/sig	1.81	P≤0.01	P≤0.01
PETAL WIDTH (mm)			
mean	8.1	6.8	5.8
std deviation	0.15	0.75	0.41
LSD/sig	0.49	P≤0.01	P≤0.01
GYNOECIUM DIAMETER (mm)			
mean	6.7	7.2	6.5
std deviation	0.44	0.57	0.53
LSD/sig	0.39	P≤0.01	ns
CAPSULE PRODUCTION			
	very rare	prolific	prolific

UROCHLOA
Urochloa mosambicensis

'Saraji' syn CPI 60128

Application No 97/052 Accepted: 20 Mar 1997.
Applicant: **CSIRO Tropical Agriculture,** Brisbane, QLD.

Description (Table 30, Figure 55) Plant: relatively low growing, early flowering, height at first flowering 40cm, warm season, stoloniferous. Stem: mean culm length 113 cm, internode number 10. Inflorescence: panicle of 8 racemes, raceme length 56 mm.

Origin Selection: a range of *Urochloa* accessions and then compared with other tropical grasses for use in minesite rehabilitation in Central QLD. Breeder: JB Hacker, CSIRO Tropical Agriculture, QLD. Selection criteria: establishment, persistence and spread on sodic minespoil. Propagation: seed.

Comparative Trial Comparator: 'Nixon'. Location: Samford, QLD Jan 1997 – Apr 1997. Conditions: plants were raised in tubes and transplanted to weedmat in the field in rows 1.5 m apart with 1 m between plants within the row. Trial design: completely randomised design with 6 reps and 5 plants per plot. Measurement: taken from all plants at flowering.

Prior Application and Sales Nil.

Description: **JB Hacker, CSIRO Tropical Agriculture,** Brisbane, QLD.

Table 30 *Urochloa* varieties

	'Saraji'	*'Nixon'
PLANT HEIGHT AT FIRST FLOWERING (cm)		
mean	39.2	80.2
std deviation	3.3	14.3
LSD/sig	29.6	P≤0.01
STOLON/CULM LENGTH AT FIRST FLOWERING (cm) – to point of inflection		
mean	92.8	41.8
std deviation	8.1	4.3
LSD/sig	17.9	P≤0.01
TOTAL INTERNODE NUMBER – on stolon/culm		
mean	10.1	7.3
std deviation	0.7	0.3
LSD/sig	1.9	P≤0.01
RACEME LENGTH (mm)		
mean	56.2	80.3
std deviation	2.9	3.0
LSD/sig	9.3	P≤0.01

WEEPING FIG
Ficus benjamina

'Midnight Beauty'

Application No: 96/199 Accepted: 11 Oct 1996.
Applicant: **Plantenkwekerij J Van Geest BV,** The Netherlands.
Agent: **Futura Promotions Pty Ltd,** Springwood, QLD.

Description (Table 31, Figure 38) Plant: compact, robust growth with dark deep green appearance, ascending, rather irregular and strongly branching, side branches at sharp angle (approx. 45°, straight but tends to bend downwards at tip; young stem light green with trace of reddish brown, later light brown. Leaf: petiole length may range from 13.76mm – 17.77mm with a mean of 16.00mm, light to mid green in colour; blade may range from 7.6cm – 9.5cm x 3.4cm – 4.1cm with a mean of 8.81cm x 3.66cm; colour of emerging or new leaves are light green (upper surface RHS 137B and lower surface RHS 137C) but darken to dark deep green by fifth leaf stage (upper surface RHS 139A and lower surface RHS 137A) strong shine and slightly leathery; shape is elliptic, long pointed tip, slightly undulating margin.

Origin Spontaneous mutation: 'Vivian'. Breeder Jan van Geest, s-gravenzande,The Netherlands. Selection criteria: compact upright growth, plant vigor and dark green maturing leaves. Propagation: vegetative.

Comparative Trial Comparator: 'Exotica'. Location: Marlborough Nursery, Wellington Point, QLD Jul 1996 – Feb 1997. Conditions: plants raised in soil-less media in 140mm pots with 4kg/m^3 of controlled release fertilizer in 80% shade. Trial design: 30 plants arranged in randomised blocks with replication. Measurements: internode and leaf measurements were done from third internode of 10 well grown branches selected at random, five measurements were taken from each of two replications.

Prior Applications and Sales

Country	Year	Status	Name Applied
The Netherlands	1993	Granted	'Danielle'

First sold The Netherlands 1995.

Description: **Deo Singh,** Birkdale, QLD.

Table 31 *Ficus* varieties

	'Midnight Beauty'	*'Exotica'
PLANT HEIGHT (cm)		
mean	49.46	55.93
std deviation	3.40	5.90
LSD/sig	2.58	P≤0.01
INTERNODE LENGTH (mm)		
mean	26.62	44.92
std deviation	3.26	5.36
LSD/sig	2.48	P≤0.01
LEAF COLOUR (RHS)		
appearance new	deep green	green
upper surface	137B	146A
lower surface	137C	146C
old leaf		
upper surface (5th)	139A	137A
lower surface (5th)	137A	137B

WHEAT
Triticum aestivum

'Carnamah' syn WAWHT 1380

Application No: 96/250 Accepted: 23 Dec 1996.
Applicant: **Chief Executive Officer, Agriculture Western Australia,** Perth, WA.

Description (Table 32, Figure 43) Plant: hard and APW grade spring wheat, habit semi erect, height medium, maturity medium. Flag leaf: auricle anthocyanin colouration absent-very weak, sheath glaucosity very weak. Stem: straw pith thick, rachis hairs absent. Ear: glaucosity very weak, semi recurved, brown, parallel, lax, fully awned. Lower glume: shoulder width medium, shoulder shape elevated, internal hairs weak; glume beak slightly curved. Lemma: straight. Grain: white, hard, oval\truncated, germ face very steep. Disease resistance: considerable level of resistance to stem, leaf and stripe rusts.

Origin Controlled pollination and Selection by F_2 progeny method: 'Bolsena-ICH (RAC529,IW911)' x '77W:660' 1985. Breeder: Mr Robin Wilson, Perth, WA. Selection criteria: increased yield, agronomic and grain quality suited to the medium and high rainfall zones of the southern agricultural areas of WA. Propagation: seed through 5 generations (selection) and 6 years performance testing.

Comparative Trial Comparators: 'Spear', 'Cascades' Location: Avon Districts Agricultural Centre Northam WA, May 1996 – Jan 1997. Conditions: Plants were raised in red gravely loam pH 5.5 in $CaCl_2$ in open beds. Trial design: plants arranged in randomised complete blocks 10m long x 1.42m wide (8 rows) in 2 replicates. Measurements: taken from 10 random specimens per replicate selected from approximately 2000 plants.

Prior Applications and Sales Nil.

Description: **David Collins, Agriculture Western Australia,** Northam, WA.

Table 32 *Triticum* varieties

	'Carnamah'	* 'Spear'	*'Cascades'
PLANT GROWTH HABIT	semi-erect	semi-erect	intermediate
PLANT LENGTH(mm) – stem, ear and awns			
mean	783.8	853.8	820.90
std deviation	69.08	48.1	43.0
LSD/sig	51.56	P≤0.01	ns

STRAW- pith in cross section			
	thick	thin	thin
TIME OF EAR EMERGENCE			
	medium	late	medium
EAR DENSITY – one side of ear			
mean	8.84	7.93	8.73
std deviation	0.55	0.60	0.36
LSD/sig	0.60	P≤0.01	ns
NUMBER OF SPIKELET ROWS -one side of ear			
mean	10.05	10.15	8.65
std deviation	0.88	0.68	0.68
LSD/sig	0.73	ns	P≤0.01
EAR LENGTH(mm) -whole ear			
mean	88.83	80.39	75.07
std deviation	8.34	6.89	7.55
LSD/sig	7.58	P≤0.01	P≤0.01
EAR COLOUR			
	brown	white	white
AWN LENGTH(mm) – at tip of ear			
mean	48.82	67.95	60.66
std deviation	6.57	8.40	7.07
LSD/sig	7.24	P≤0.01	P≤0.01
LOWER GLUME SHOULDER			
width	medium	medium	absent/ very narrow
shape	elevated	straight	sloping
LOWER GLUME WIDTH (mm) from mid third of the ear			
mean	4.19	3.91	4.01
std deviation	0.19	0.27	0.26
LSD/sig	0.24	P≤0.01	ns
LOWER GLUME BEAK LENGTH (mm) – from mid third of ear			
mean	4.78	3.82	3.53
std deviation	1.19	0.75	1.10
LSD/sig	0.95	P≤0.01	P≤0.01
GRAIN WIDTH (mm) from mid third of ear			
mean	3.41	3.25	3.23
std deviation	0.15	0.17	0.15
LSD/sig	0.16	ns	P≤0.01

'Cunderdin' syn **WAWHT1379**

Application No: 96/247 Accepted: 23 Dec 1996.
Applicant: **Chief Executive Officer, Agriculture Western Australia,** Perth, WA.

Description (Table 33, Figure 43) Plant: APW grade spring wheat, habit erect, height medium, maturity early\medium. Flag leaf: auricles anthocyanin colouration weak, sheath glaucosity weak. Stem: straw pith thin, straw strength good, rachis hairs absent. Ear: glaucosity weak, semi recurved, parrallel, lax, fully awned and light brown, lower glume shoulder width narrow, shoulder shape straight; beak straight, long (5.1mm) internal hairs weak, lower lemma slightly curved. Grain: white, hard, oval, germ face steep. Disease resistance: considerable level of resistance to stem and leaf rust, good tolerance to soils with high levels of boron.

Origin Controlled pollination: '9th IBWSN 322' ('Cranbrook' sister line) x 'SUN95H'('Sunfield' sister line), 1985. Breeder: Mr Robin Wilson, Perth, WA. Selection criteria: increased yield, agronomic and grain quality traits suited to the high and medium rainfall zones of the southern agricultural areas of WA. Propagation: seed through 5 generations (selection) then 6 years performance testing.

Comparative Trial Comparators: 'Spear', 'Cascades'. Location: Avon Districts Agricultural Centre Northam WA, May 1996 – Jan 1997. Conditions: plants were raised in red gravely loam pH 5.5 in $CaCl_2$ in open beds. Trial design: plants arranged in randomised complete blocks 10m long x 1.42m (8 rows) wide by 2 replicates. Measurements: taken from 10 random specimens per replicate selected from approximately 2000 plants.

Prior Applications and Sales Nil.

Description: **David Collins, Agriculture Western Australia,** Northam, WA.

Table 33 *Triticum* varieties

	'Cunderdin'	***'Spear'**	***'Cascades'**
PLANT GROWTH HABIT			
	erect	semi-erect	intermediate
FLAG LEAF			
glaucosity of sheath			
	weak	strong	weak
intensity anthocyanin coloration of auricle			
	medium	absent\weak	absent
TIME TO EAR EMERGENCE			
	early\medium	late	medium
EAR COLOUR			
	light brown	white	white
EAR DENSITY – one side of the ear			
mean	8.60	7.93	8.71
std deviation	0.67	0.6	0.36
LSD/sig	0.6	P≤0.01	ns
NUMBER OF SPIKELET ROWS – one side of the ear			
mean	9.15	10.15	8.65
std deviation	0.68	0.68	0.68
LSD/sig	0.73	P≤0.01	ns
AWN LENGTH (mm) – at tip of ear			
mean	79.51	67.95	60.66
std deviation	7.82	8.40	7.08
LSD/sig	7.24	P≤0.01	P≤0.01
LOWER GLUME SHOULDER- from mid 1/3 of ear			
width	narrow	medium	absent/ very weak
shape	straight	straight	sloping

LOWER GLUME WIDTH (mm) – from mid 1\3 of ear			
mean	3.7	3.92	4.01
std deviation	0.31	0.27	0.26
LSD/sig	0.24	ns	P≤0.01
LOWER GLUME BEAK LENGTH (mm) – from mid 1\3 of ear			
mean	5.11	3.83	3.53
std deviation	1.46	0.75	1.10
LSD/sig	0.95	P≤0.01	P≤0.01
LOWER GLUME BEAK LENGTH (1=very short, 9=very long)	long	medium	medium
GRAIN SHAPE – from mid 1\3 of ear	oval	oval\truncated	ovate

'Kalannie' syn WAWHT 1426

Application No: 96/248 Accepted: 23 Dec 1996.
Applicant: **Chief Executive Officer, Agriculture Western Australia,** Perth, WA.

Description (Table 34, Figure 44) Plant: APW (possibly Australian Hard) grade spring wheat, habit erect, height short, maturity very early. Leaf: flag leaf frequency recurved high;auricle anthocyanin colouration weak. Flag sheath glaucosity medium Stem:straw pith thin, rachis hairs absent. Ear: glaucosity medium, semi erect, white, parallel, lax, fully awned Lower glume: shoulder width narrow, shoulder shape straight,internal hairs medium\strong; glume beak straight, very long (5.39mm). Lemma: slightly curved. Grain: white, hard, ovate, germ face moderately steep. Flour: very white. Disease resistance: little resistance to disease.

Origin Controlled pollination and selection by F_2 progeny method: '70Y71-315' x '71W157' 1984. Breeder: Dr Iain Barclay, Perth, WA. Selection criteria: high yield, agronomic traits and grain quality suited to the medium and low rainfall zones in the southern agricultural areas of WA. Propagation: seed through 5 generations of selection and then through 6 years of performance testing.

Comparative Trial Comparators: 'Bodallin', 'Aroona', 'Gutha' Location: Avon Districts Agricultural Centre Northam WA, May 1996 – Jan 1997. Conditions: Plants were raised in red gravely loam pH 5.5 in $CaCl_2$ in open beds. Trial design: plants arranged in randomised complete blocks 10m long x 1.42m (8 rows) wide by 2 replicates. Measurements: taken 10 random specimens per replicate selected from approximately 2000 plants.

Prior Applications and Sales Nil.

Description: **David Collins, Agriculture Western Australia**, Northam, WA.

Table 34 *Triticum* varieties

	'Kalannie'	*'Bodallin'	*'Aroona'	*'Gutha'
PLANT LENGTH (mm) – stem, ear, awns				
mean	824.75	908.50	826.6	990.00
std dev	54.09	73.56	45.90	57.15
LSD/sig	51.56	P≤0.01	ns	P≤0.01
STRAW PITH IN CROSS SECTION	thin	thick	thin	thin
FLAG LEAF – auricle anthocyanin colouration intensity	weak	absent	absent	absent
TIME OF EAR EMERGENCE	very early	medium	medium	very early
EAR DENSITY – one side of ear				
mean	9.47	8.66	8.72	7.66
std dev	0.95	0.61	0.60	0.40
LSD/sig	0.60	P≤0.01	P≤0.01	P≤0.01
NUMBER OF SPIKELET ROWS – one side of ear				
mean	8.25	8.70	9.45	9.85
std dev	0.56	1.00	1.12	0.45
LSD/sig	0.73	ns	P≤0.01	P≤0.01
AWN LENGTH (mm) – at tip of ear				
mean	72.76	55.14	60.97	53.34
std dev	11.55	7.10	9.26	5.30
LSD/sig	7.24	P≤0.01	P≤0.01	P≤0.01
LOWER GLUME LENGTH EXCLUDING BEAK (mm) – from mid third of ear				
mean	9.21	9.47	8.73	8.04
std dev	0.33	0.34	0.37	0.24
LSD/sig	0.35	ns	P≤0.01	P≤0.01
LOWER GLUME WIDTH (mm) – from mid third of ear				
mean	4.16	4.27	3.85	4.22
std dev	0.25	0.32	0.25	0.21
LSD/sig	0.24	ns	P≤0.01	ns
LOWER GLUME BEAK LENGTH (mm) – from mid third of ear				
mean	5.39	3.87	3.98	3.88
std dev	1.18	0.91	0.94	0.76
LSD/sig	0.95	P≤0.0	P≤0.01	P≤0.01
LOWER GLUME – extent of internal hairs	medium \strong	medium	weak	weak

'Perenjori' syn WAWHT 1308

Application No: 96/249 Accepted: 26 Dec 1996.
Applicant: **Chief Executive Officer, Agriculture Western Australia,** Perth, WA.

Description (Table 35, Figure 45) Plant: APW (possibly Australian Hard) grade spring wheat, habit erect, height short\medium, maturity medium. Flag leaf: auricle

anthocyanin colouration absent\v-weak, sheath glaucosity medium. Stem: straw pith 50% thin 50% thick, rachis hairs absent. Ear: glaucosity medium, semi erect, white, slightly tapering, lax, fully awned. Lower glume: shoulder width broad, shape straight, internal hairs weak; glume beak strongly curved, very short (1.76mm). Lemma: slightly curved. Grain: white, hard, ovate\elongated, germ face shallow\medium. Disease resistance: intermediate resistance to stem, leaf and stripe rusts.

Origin Controlled pollination and selection by F_2 progeny method: 'Bodallin' x 'Hyden' 1983. Breeder: Dr Iain Barclay, Perth, WA. Selection criteria: increased yield, agronomic and grain quality suited to the medium and low rainfall zones of the southern agricultural areas of WA. Propagation: seed through 5 generations (selection) and 7 years performance testing.

Comparative Trial Comparators: 'Bodallin' 'Gutha' Location: Avon Districts Agricultural Centre Northam WA, May 1996 – Jan 1997. Conditions: plants were raised in red gravely loam pH 5.5 in $CaCl_2$ in open beds. Trial design: plants arranged in randomised complete blocks 10 m long x 1.42m (8 rows) wide by 2 replicates. Measurements: taken from 10 random specimens per replicate selected from approximately 2000 plants.

Prior Applications and Sales Nil.

Description: **David Collins, Agriculture Western Australia,** Northam, WA.

Table 35 *Triticum* varieties

	'Perenjori'	*'Bodallin'	*'Gutha'
PLANT LENGTH (mm) – stem, ear and awns			
mean	799.0	908.50	990.0
std deviation	69.94	73.56	57.14
LSD/sig	51.56	P≤0.01	P≤0.01
STRAW PITH IN CROSS SECTION			
	50:50 thin/thick	thick	thin
TIME OF EAR EMERGENCE			
	medium	medium	very early
EAR DENSITY- one side of ear			
mean	8.79	8.66	7.66
std deviation	0.75	0.61	0.41
LSD/sig	0.6	ns	P≤0.01
NUMBER OF SPIKELET ROWS – one side of ear			
mean	8.85	8.70	9.85
std deviation	0.81	1.00	0.45
LSD/sig	0.73	ns	P≤0.01
LOWER GLUME			
shoulder width	broad	narrow	medium\broad
beak length	short	long	long
beak shape curvature	moderate	slight	slight
extent of internal hairs	weak	medium	weak
LOWER GLUME LENGTH EXCLUDING BEAK (mm) – from mid third of ear			
mean	8.05	9.47	8.04
std deviation	0.54	0.39	0.25
LSD/sig	0.35	P≤0.01	ns
LOWER GLUME WIDTH (mm) – from mid third of ear			
mean	3.82	4.27	4.22
std deviation	0.19	0.32	0.21
LSD/sig	0.24	P≤0.01	P≤0.01
LOWER GLUME BEAK LENGTH (mm) – from mid third of ear			
mean	1.76	3.87	3.88
std deviation	0.75	0.91	0.76
LSD/sig	0.95	P≤0.01	P≤0.01
GRAIN WIDTH (mm) – from mid third of ear			
mean	3.17	3.51	3.41
std deviation	0.21	0.16	0.11
LSD/sig	0.16	P≤0.01	P≤0.01

WHITE CLOVER
Trifolium repens

'Tillman II'

Application No: 96/191 Accepted: 3 Sep 1996.
Applicant: **New Zealand Pastoral Agriculture Research Institute Limited,** Palmerston North, New Zealand.
Agent: **Mr Tony Stratton, AgResearch Grasslands (Australia),** Albury, NSW.

Description (Table 36, Figure 54) Plant: erect herbage plant, leaf density high, moderately stoloniferous, maturity late season. Leaf: very large, predominant shape oval, ~85% crescent marked; petiole thick, long. Flower: size medium, mostly white, floret length medium, floret number high, peduncles long. Cyanophoric plants: approximately 5%.

Origin Selection and polycross: 74 elite plants from 'Tillman', five multiplications were carried out to maximise genetic stability; equal seed amounts from each plant combined to form 'Tillman II'. Breeder: New Zealand Pastoral Agricultural Research Institute, Palmerston North, New Zealand. Selection criteria: seed yield potential, regrowth after cutting, leaf size, stolon density, leaf disease resistance (mainly alfalfa mosaic virus). Propagation: seed.

Comparative Trial Comparators: 'Grasslands Kopu'(ϕ), 'Grasslands Challenge', 'Grasslands Sustain', 'Grasslands Pitau', 'Irrigation', 'Ladino' 'Aran', 'Regal'. Location: AgResearch Grasslands Research Centre, Palmerston North, New Zealand. Apr 1996 – Jan 1997. Conditions: seeds germinated in petri dishes and transferred to seed trays in pot mix and placed in glasshouse, trays transferred to open air hardening off prior to planting in field trial on 18-20 Jun 96 Trial design: randomised block design of 10 replicates. Measurements: on 100 plants of each variety.

Prior Applications and Sales

Country	Year	Status	Name Applied
New Zealand	1997	Pending	'Tillman II'

Description: **Jeff E Miller, AgResearch Grasslands Research Centre,** Palmerston North, New Zealand.

Table 36 *Trifolium* varieties

	'Tillman II'	*'G. Kopu'$^{\phi}$	*'G. Challenge'	*'G. Sustain'	*'G. Pitau'	*'Irrigation'	*'Ladino'
GROWTH HABIT							
	erect	erect	semi erect	semi erect	semi erect	medium	semi erect
STOLON THICKNESS (mm)							
mean	3.58	3.10	2.88	2.77	2.81	2.67	3.44
std dev	0.55	0.37	0.40	0.35	0.39	0.34	0.50
LSD/sig	0.19	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns
LEAFLET LENGTH (mm)							
mean	34.27	27.78	25.11	24.46	24.19	22.87	28.02
std dev.	5.92	5.91	5.44	4.45	4.27	4.23	6.35
LSD/sig	2.55	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
LEAFLET WIDTH (mm)							
mean	26.97	22.66	20.47	19.68	19.99	18.02	22.89
std dev	4.83	4.22	4.09	3.47	3.35	3.17	5.07
LSD/sig	1.72	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
PETIOLE LENGTH (mm)							
mean	105.12	84.35	77.58	81.14	81.39	76.55	91.10
std dev	24.93	19.56	20.17	18.59	18.66	16.42	29.73
LSD/sig	11.82	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
MEAN FLOWERING DAYS – days from 10/10/96							
mean	45.85	34.87	30.09	33.22	28.22	26.99	40.96
std dev	9.15	12.05	10.51	11.36	10.42	10.53	10.54
LSD/sig	5.68	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns
FLORET NUMBER PER HEAD							
mean	143.37	148.97	114.57	97.63	96.73	98.27	165.07
std dev.	37.34	41.00	31.08	22.00	22.94	31.71	40.95
LSD/sig	27.92	ns	P≤0.01	P≤0.01	P≤0.01	P≤0.01	ns
PERCENTAGE OF CYANOGENIC PLANTS							
	6	32	57	80	68	35	0

GRANTS

APPLE
Malus domestica

'Jonagored'Φ syn **Morren's Jonagored**Φ
Application No: 89/013 Grantee: **NV Jomobel**
Certificate No: 737 Expiry Date: 9 Mar 2009

'SA 244-20'Φ syn **Maypole**Φ
Application No: 93/116 Grantee: **PBI Cambridge**
Certificate No: 791 Expiry Date: 7 May 2013

'SA 251-18'Φ syn **Waltz**Φ
Application No: 93/115 Grantee: **PBI Cambridge**
Certificate No: 792 Expiry Date: 7 May 2013

AZALEA
Rhododendron hybrid

'Paradise Christine'Φ
Application No: 95/070 Grantee: **Mr RJ Cherry**
Certificate No: 781 Expiry Date: 27 Mar 2017

'Paradise Louise'Φ
Application No: 95/071 Grantee: **RJ Cherry**
Certificate No: 740 Expiry Date: 28 Mar 2017

BARLEY
Hordeum vulgare

'Chieftain'Φ syn **1846-4139**Φ
Application No: 95/129 Grantee: **Plant Breeding International Cambridge Ltd**
Certificate No: 774 Expiry Date: 21 Mar 2017

'Dash'Φ syn **NFC 902/909**Φ
Application No: 95/053 Grantee: **New Farm Crops Ltd**
Certificate No: 772 Expiry Date: 21 Mar 2017

'Venture'Φ syn **NFC 1243-11**Φ
Application No: 95/054 Grantee: **New Farm Crops Ltd**
Certificate No: 773 Expiry Date: 21 Mar 2017

CANNA
Canna hybrid

'Phasion'Φ syn **Pink Phasion**Φ
Application No: 95/158 Grantee: **Jan Plant**
Certificate No: 733 Expiry Date: 28 Mar 2017

COTTON
Gossypium hirsutum

'Sicot 189'Φ
Application No: 96/088 Grantee: **CSIRO Division of Plant Industry**
Certificate No: 727 Expiry Date: 28 Mar 2017

'Siokra S-101'Φ
Application No: 96/089 Grantee: **CSIRO Division of Plant Industry**
Certificate No: 725 Expiry Date: 27 Feb 2017

COTTON LAVENDER
Santolina virens

'Lemon Fizz'Φ
Application No: 94/182 Grantee: **Robert Pearce**
Certificate No: 759 Expiry Date: 22 Aug 2014

COUCH GRASS
Cynodon dactylon

'Riley's Supersport'Φ
Application No: 95/127 Grantee: **RJ and ML Riley Pty Ltd**
Certificate No: 739 Expiry Date: 28 Mar 2017

DIANTHUS
Dianthus hybrid

'Crossover'Φ
Application No: 94/180 Grantee: **Dr Keith Hammett**
Certificate No: 752 Expiry Date: 22 Aug 2014

'Far Out'Φ
Application No: 94/181 Grantee: **Dr Keith Hammett**
Certificate No: 753 Expiry Date: 22 Aug 2014

DIPLADENIA
Mandevilla (syn *Dipladenia) sanderi*

'Pale Face'Φ
Application No: 94/222 Grantee: **Vic Levey**
Certificate No: 745 Expiry Date: 28 Mar 2017

DIPLADENIA
Mandevilla xamabilis

'Beauty Queen'Φ
Application No: 96/045 Grantee: **Rybay Pty Ltd**
Certificate No: 743 Expiry Date: 28 Mar 2017

'Magic Dream'Φ
Application No: 95/272 Grantee: **Rybay Pty Ltd**
Certificate No: 742 Expiry Date: 28 Mar 2017

GREVILLEA
Grevillea hybrid

'Landcare'Φ syn **Piccolo Pink**Φ
Application No: 94/005 Grantee: **Don Burke**
Certificate No: 732 Expiry Date: 18 Jan 2014

HYBRID RYEGRASS
Lolium hybrid

'Maverick Gold'Φ syn **CSLh931**Φ
Application No: 95/166 Grantee: **Wrightson Seeds Limited**
Certificate No: 771 Expiry Date: 19 Mar 2017

IMPATIENS
Impatiens walleriana

'Golden Anniversary'Φ
Application No: 94/007 Grantee: **Pixie Plants**
Certificate No: 758 Expiry Date: 31 Jan 2014

'Golden Girl'Φ
Application No: 93/108 Grantee: **Pixie Plants**
Certificate No: 757 Expiry Date: 1 Apr 2013

LANTANA
Lantana montevidensis

'Malans Gold'Φ
Application No: 94/178 Grantee: **Malanseuns Pleasure Plants**
Certificate No: 756 Expiry Date: 15 Aug 2014

MARGUERITE DAISY
Argyranthemum frutescens

'Carmella'Φ syn **M2/20**Φ
Application No: 96/042 Grantee: **Frank Hammond**
Certificate No: 762 Expiry Date: 12 Mar 2017

'Gretel'Φ syn **M2/16**Φ
Application No: 95/039 Grantee: **Frank Hammond**
Certificate No: 761 Expiry Date: 12 Mar 2017

'Primrose Petite'Φ
Application No: 95/017 Grantee: **Frank Hammond**
Certificate No: 760 Expiry Date: 12 Mar 2017

'Sugar and Ice'Φ syn **X93040**Φ
Application No: 95/135 Grantee: **Protected Plant Promotions Pty Ltd and the University of Sydney, Plant Breeding Institute**
Certificate No: 770 Expiry Date: 28 Mar 2017

MIRROR PLANT
Coprosma repens

'Rainbow Surprise'Φ
Application No: 95/176 Grantee: **Richard Ware**
Certificate No: 768 Expiry Date: 12 Mar 2017

NECTARINE
Prunus persica var *nucipersica*

'April Glo'Φ syn **39GA188**Φ
Application No: 94/163 Grantee: **Zaiger's Inc. Genetics**
Certificate No: 787 Expiry Date: 27 Jul 2014

'Earliglo'Φ syn **62RA286**Φ
Application No: 95/121 Grantee: **Zaiger's Inc. Genetics**
Certificate No: 788 Expiry Date: 27 Mar 2017

'Royal Glo'Φ syn **78EE322**Φ
Application No: 95/122 Grantee: **Zaiger's Inc. Genetics**
Certificate No: 789 Expiry Date: 27 Mar 2017

PANDOREA
Pandorea jasminoides

'Southern Belle'Φ
Application No: 95/110 Grantee: **Rod Parsons**
Certificate No: 741 Expiry Date: 28 Mar 2017

PEACE LILY
Spathiphyllum

'Metalica'Φ syn **Ara 70**Φ
Application No: 94/232 Grantee: **Paul Denis**
Certificate No: 738 Expiry Date: 28 Mar 2017

PEACH
Prunus persica

'Rich May'Φ syn **65EC75**Φ
Application No: 94/162 Grantee: **Zaiger's Inc. Genetics**
Certificate No: 786 Expiry Date: 22 Aug 2014

PETUNIA
Petunia hybrid

'Desert Light'Φ syn **Number 1**Φ
Application No: 95/008 Grantee: **Dr Keith Hammett**
Certificate No: 763 Expiry Date: 12 Mar 2017

'Dusky Light'Φ syn **Number 5**Φ
Application No: 95/012 Grantee: **Dr Keith Hammett**
Certificate No: 767 Expiry Date: 12 Mar 2017

'Hush Light'Φ syn **Hush White**Φ
Application No: 95/013 Grantee: **Dr Keith Hammett**
Certificate No: 754 Expiry Date: 11-Mar-17

'Magenta Light'Φ syn **Number 11**Φ
Application No: 95/010 Grantee: **Dr Keith Hammett**
Certificate No: 765 Expiry Date: 12 Mar 2017

'Mauve Light'Φ syn **Number 13**Φ
Application No: 95/009 Grantee: **Dr Keith Hammett**
Certificate No: 764 Expiry Date: 12 Mar 2017

'Pink Light'Φ syn **205/7**Φ
Application No: 95/011 Grantee: **Dr Keith Hammett**
Certificate No: 766 Expiry Date: 12 Mar 2017

PETUNIA
Petunia integrifolia

'Tiger Light'Φ
Application No: 95/014 Grantee: **Robert Pearce**
Certificate No: 769 Expiry Date: 12 Mar 2017

PLANTAIN
Plantago lanceolata

'Grasslands Lancelot'Φ
Application No: 96/016 Grantee: **New Zealand Pastoral Agriculture Research Institute Limited**
Certificate No: 736 Expiry Date: 28 Mar 2017

ROSE
Rosa

'Intersept'Φ syn **Ruby Rosamini**Φ
Application No: 94/031 Grantee: **Interplant BV**
Certificate No: 747 Expiry Date: 1 Feb 2014

'Lavdoll'Φ syn **Apricot Bouquet**Φ
Application No: 94/057 Grantee: **Springwood Consultants Ltd.** Certificate No: 750 Expiry Date: 16 Feb 2014

'Noamel'Φ syn **Appleblossom**Φ
Application No: 95/100 Grantee: **Werner Noack**
Certificate No: 746 Expiry Date: 28 Mar 2017

'Ruialex'Φ syn **Red Festival**Φ
Application No: 94/029 Grantee: **De Ruiter's Nieuwe Rozen BV**
Certificate No: 778 Expiry Date: 1 Feb 2014

'Ruicharm'Φ syn **Charming Festival**Φ
Application No: 94/024 Grantee: **De Ruiter's Nieuwe Rozen BV**
Certificate No: 776 Expiry Date: 1 Feb 2014

'Ruidiggel'Φ syn **Snowy Cupido**Φ
Application No: 94/028 Grantee: **De Ruiter's Nieuwe Rozen BV**
Certificate No: 730 Expiry Date: 1 Feb 2014

'Ruifire'Φ syn **Fire Festival**Φ
Application No: 94/026 Grantee: **De Ruiter's Nieuwe Rozen BV**
Certificate No: 729 Expiry Date: 1 Feb 2014

'Ruigal'Φ syn **Milana Festival**Φ
Application No: 94/027 Grantee: **De Ruiter's Nieuwe Rozen BV**
Certificate No: 777 Expiry Date: 1 Feb 2014

'Ruipipi'Φ syn **Joker Festival**Φ
Application No: 94/032 Grantee: **De Ruiter's Nieuwe Rozen BV**
Certificate No: 731 Expiry Date: 1 Feb 2014

'Ruirodella'Φ syn **Pink Festival**Φ
Application No: 94/025 Grantee: **De Ruiter's Nieuwe Rozen BV**
Certificate No: 728 Expiry Date: 1 Feb 2014

'Victoria Gold'Φ syn **Welgold**Φ
Application No: 93/216 Grantee: **The Rose Society of Victoria Inc**
Certificate No: 744 Expiry Date: 29 Oct 2013

'Welpink'Φ syn **Muskstick**Φ
Application No: 93/244 Grantee: **Eric Welsh**
Certificate No: 755 Expiry Date: 6 Dec 2013

'Welred'Φ syn **Eric the Red**Φ
Application No: 93/243 Grantee: **Eric Welsh**
Certificate No: 748 Expiry Date: 6 Dec 2013

SCHOLTZIA
Scholtzia oligandra

'White Cascades'Φ
Application No: 93/206 Grantee: **Western Flora**
Certificate No: 785 Expiry Date: 21 Sep 2013

STRAND MEDIC
Medicago littoralis

'Herald'Φ syn **Z-245**Φ
Application No: 94/212 Grantee: **Minister for Primary Industries, South Australian Research and Development Institute**
Certificate No: 734 Expiry Date: 25 Oct 2014

STRAWBERRY CLOVER
Trifolium fragiferum

'Grasslands Onward'Φ
Application No: 95/293 Grantee: **New Zealand Pastoral Agriculture Research Institute Limited**
Certificate No: 735 Expiry Date: 28 Mar 2017

SUNFLOWER
Helianthus annuus

'Daniel'Φ
Application No: 94/085 Grantee: **Daniel Yichki**
Certificate No: 751 Expiry Date: 16 May 2014

TALL FESCUE
Festuca arundinacea

'Bombina'Φ
Application No: 94/134 Grantee: **Pasture Wise**
Certificate No: 775 Expiry Date: 15 Jun 2014

'Midwin'Φ
Application No: 94/099 Grantee: **Pasture Wise**
Certificate No: 790 Expiry Date: 6 May 2014

WAXFLOWER
Chamelaucium megalopetalum x *C. uncinatum*

'Blondie'Φ
Application No: 94/170 Grantee: **Western Flora**
Certificate No: 784 Expiry Date: 27 Jul 2014

'Madonna'Φ
Application No: 93/203 Grantee: **Western Flora**
Certificate No: 782 Expiry Date: 21 Sep 2013

'Painted Lady'Φ
Application No: 93/204 Grantee: **Western Flora**
Certificate No: 783 Expiry Date: 21 Sep 2013

'Revelation'Φ
Application No: 92/171 Grantee: **Brian Jack and Victoria Syme**
Certificate No: 780 Expiry Date: 30 Nov 2012

WAXFLOWER
Chamelaucium uncinatum

'Cascade Brook'Φ syn **GW 53**Φ
Application No: 93/161 Grantee: **AJ Newport and Son Pty Ltd**
Certificate No: 779 Expiry Date: 19 Jul 2013

WHEAT
Triticum aestivum

'Paterson'Φ syn **B173 Paterson**Φ
Application No: 95/248 Grantee: **CSIRO Division of Plant Industry**
Certificate No: 726 Expiry Date: 28 Mar 2017

WHITE CLOVER
Trifolium repens

'Grasslands Sustain'Φ
Application No: 95/107 Grantee: **New Zealand Pastoral Agriculture Research Institute Limited**
Certificate No: 749 Expiry Date: 6 Mar 2017

APPLICATIONS REFUSED

The following applications were refused as they failed to meet the requirements of section 5(1) of the *Plant Breeder's Rights Act 1994:*

Microcitrus australasica **'Pot of Gold'** App. No: 97/016.
Triticosecale **'Packy'** App. No: 97/023.

APPLICATIONS VARIED

The denomination of *Brachyscome segmentosa* **'92.PGASEG/1'** (App. No: 94/141) has been changed to **'Misty Mauve'**.

The denomination of *Trifolium michelianum* **'KRC-1'** (App. No: 95/255) has been changed to **'Bolta'**.

The denomination of *Rosa* **'CE/500'** (App. No: 96/121) has been changed to **'Light Touch'** and the ownership of this variety has been changed from **Lilia Weatherly** to **Prophyl Pty Ltd**.

The synonym **'Swan River Pink'** has been added to the denomination of *Lavandula stoechas* **'Magenta Aurora'** (App. No: 95/238) and the appliacnts have appointed **Australian Perennial Growers** as their agent for this variety.

The denominations of *Saccharum* hybrid **'85S1552'** (App. No: 95/275), **'77N330'** (App. No: 95/278), and **'84N2947'** (App. No: 95/281) have been changed respectively to **'Q170'**, **'Q167'** and **'Q166'**.

Uniplanta Saatzucht, applicant of *Solanum tuberosum* **'Azur'** (App. No: 93/273), **'Forta'**(App No: 93/274) and **'Pepo'** (App. No: 93/275) has notified that **CCA Snack Food Pty Ltd** is no longer their agent, they have appointed **Frito-Lay Australia** as their new agent for these varieties.

Marion Carter, applicant for *Iberis gibraltarica* **'Mount Hood Dusk'** (App. No: 94/197) has appointed **Michael Cole** of **Plant Growers Australia** as new agent for this variety. Previously the agency was with **Ian Collins.**

The ownership details for *Triticum aestivum* **'Yanac'** (App. No: 96/096), **'Goldmark'** (App. No: 96/096) and **'Silverstar'** (App. No: 96/098) has been changed from **Agriculture Victoria** to the joint owership of **GRDC** and **Daratech Pty Ltd**.

The synonym **Misty White** is removed from records of *Limonium* **'Oceanic White'**(App. No: 92/059).

The denomination of *Trifolium repens* **'Tillman 2'** (App. No: 96/191) has been changed to **'Tillman II'**.

APPLICATIONS WITHDRAWN

Acacia terminalis **'Tasmanian Pink'** App. No: 90/092.
Cordyline australis **'Kiwi Dazzler'** App. No: 93/194.
Dahlia pinnata **'Jodie'** App. No: 94/054.
Dahlia pinnata **'Dappled Dancer'** App. No: 94/055.
Dianthus caryophyllus **'Stalipink'** syn **Pink Pisa** App. No: 89/109.
Dianthus caryophyllus **'Starotang'** syn **Espana** App. No: 89/114.
Dianthus caryophyllus **'Stayelpa'** syn **Las Palmas** App. No: 89/119.
Picea pungens **'Raymur Springs'** App. No: 95/311.
Pisum x Vicia **'Purple Delight'** App. No: 95/006.
Rosa hybrid **'Carol Ann'** syn **Wel Car** App. No: 96/033.
Rosa hybrid **'Meigormon'** syn **Maestro** App. No: 94/152.
Rosa hybrid **'Seajulc'** syn **Climbing Julia's** App. No: 96/044
Triticum aestivum **'Ure'** App. No: 96/035.

GRANTS SURRENDERED

Betula pendula **'Barossa Wintergreen'** Certificate No: 130.
Chamelaucium uncinatum x micranthum **'Supernova'** Certificate No: 371.
Chamelaucium uncinatum x micranthum **'Moonstruck'** Certificate No: 372.
Chamelaucium uncinatum x micranthum **'Plumwhite'** Certificate No: 373.
Chamelaucium uncinatum x micranthum **'Comet'** Certificate No: 375.
Chamelaucium uncinatum x micranthum **'Moonstar'** Certificate No: 376.
Chamelaucium uncinatum x micranthum **'Whitefire'** Certificate No: 448.
Lactuca sativa **'Impact'** Certificate No: 238.
Lysimachia congestiflora **'Silverbird'** Certificate No: 548.
Petunia axillaris **'Pampas Fire'** Certificate No: 420.
Petunia axillaris **'Sweet Victory'** Certificate No: 422.
Petunia axillaris **'Montezuma Sunset'** Certificate No: 423.
Petunia axillaris **'Pink Victory'** Certificate No: 424.
Rosa hybrid **'Korveril'** Certificate No: 101.
Rosa hybrid **'Meipinjid'** Certificate No: 30.
Scaevola aemula **'Petite Cascade'** Certificate No: 306.

CHANGE IN RIGHTS HOLDER

Plant Breeders Rights on *Rosa* **'Pink Iceberg'** (Certificate No: 519) was transmitted from **Lilia Weatherly** to **Prophyl Pty Ltd.**

CORRIGENDA

In PVJ 9(4), the header row for Table 20 (p30) should read as:

'Grasslands Spectra'	***'Grasslands Koha'$^{\phi}$**	***'Pitman'**	***'Elgara'**	***'Avila'**	***'Tas. 1508'**

In PVJ 9(1) for Subterranean Clover **'Riverina'** in Table 31(p32), the correct presentation of the following characters is:

	'Riverina'	***'Trikkala'**	***'Gosse'**	***'Larisa'**	***'Meteora'**
FORMONETIN CONTENT (% dry matter in fresh leaves)					
mean	0.1	0.2	0.1	0.1	0.5
LSD/sig	0.03	P≤0.01	ns	ns	P≤0.01
BIOCHANIN A CONTENT (% dry matter in fresh leaves)					
mean	0.4	0.9	0.7	0.7	0.4
LSD/sig	0.06	P≤0.01	P≤0.01	P≤0.01	ns
FLOWERING TIME (days to 50% plants with at least 1 open flower)					
mean	119	112	126	140	148
LSD/sig	6.3	P≤0.01	P≤0.01	P≤0.01	P≤0.01

In PVJ 9(4) p 9 the synonym for *Argyranthemum* 'Beth' (App. No: 96/259) was incorrectly given as M5/10, when in fact 'Beth' does not have any synonym. M5/10 is the correct synonym for *Argyranthemum* 'Annie Petite' (App. No: 97/027).

In PVJ 9(4) Fig 58 the name of one of the comparators in the caption should read as 'Rosevale' instead of 'Rosedale'.

In PVJ 9(4) the descriptions for 'Floren' (p 17) and 'Swann' (p 29) are in fact prepared by B G Cook and D S Loch.

In PVJ 9(2), the descriptions for *Rhododendron* hybrid 'Paradise Christine'(p 12) and 'Paradise Louise' (p 13) should read that the speckling is present on the upper three petals and petaloids rather than the lower three petals and petaloids.

APPENDIX 1

FEES

Two fee structures exist as a result of the transition from Plant Variety Rights to Plant Breeders Rights.
For new applications (those lodged on or after 11 November 1994) the PBR fees apply. For older applications lodged before 11 November 1994 and not finally disposed of (Granted, Withdrawn, Refused etc.) the PVR fees in force at the time apply.

Payment of Fees

All cheques for fees should be made payable and sent to:

Plant Breeders Rights Office
DPIE
GPO Box 858
Canberra, ACT 2601

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).

Field examinations and final examinations falling within the first 12 months will *not* be undertaken without prior payment of the examination fee.

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 26 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 variety 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 53(1) of the Act.

NEW APPLICATIONS (LODGED ON OR AFTER 10 NOVEMBER 1994).

PBR Fees	**$**
Application	300
Examination – single application	1400
Examination – application based on overseas test data	1400
Examination – multiple applications* (per application)	1200
Certificate of PBR	300
Total Basic Fees	2000

* 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.

Annual Fee	300
Other Fees	
Variation to application	75
Variation to assignment	100
Copy of an application, an objection or a detailed description	50
Lodging an objection	100
Application for declaration of essential derivation	800
Application for (a) revocation of a PBR	500
(b) revocation of a declaration of essential derivation	500
Compulsory licence	500
Request under subsection 19(11) for exemption from public access – varieties with no direct use as a consumer product	100
Amendment of the Register on notification of assignment	100
Copy of an entry in the Register	50
Annual subscription to Plant Varieties Journal	40
Back issues of Plant Varieties Journal	14
Other work relevant to PBR – per hour or part thereof	75

Old applications (lodged before 10 November 1994).

PVR fees	**$**
Application	400
Examination of application	1400
Certificate of PVR	250
Total Basic Fees	2050
Annual Renewal Fee	(see note under)
Other Fees	
Variation to application	70
Copy of application	70
Lodging an objection	200
Copy of objection	70
Other work relevant to PVR (per hour)	70

Note: Once an application has been granted rights under PVR it is treated as if those rights had been granted under PBR. Therefore after grant, all PBR fees apply (including the annual fee).

The appropriate **examination fee** must be paid before the expiry of the 12th month from the date of acceptance of the application or prior to field examination whichever occurs first. The PBR office will routinely invoice the applicant or their agent for the examination fee at the time nominated on the application form. At the end of the 11th month after acceptance of the application, should the examination fee not have been paid, a final invoice (reminder) will be despatched to the applicant.

APPENDIX 2

Plant Breeders Rights Advisory Committee (PBRAC)

(Members of the PBRAC hold office in accordance with Section 85 of the *Plant Breeder's Rights Act 1994*.)

Dr Brian William Hare
Director of Research
Pacific Seeds Pty Ltd
6 Nugent Crescent
TOOWOOMBA QLD 4350
Representing Plant Breeders

Ms Cheryl Ann McCaffery
Intellectual Property Manager
Florigene Pty Ltd
18 Hutchinson Street
EAST BRUNSWICK VIC 3057
Member with appropriate qualifications and experience

Ms Natalie Florence Peate
Nursery Owner
26 Kardinia Crescent
WARRENWOOD VIC 3134
Member with appropriate qualifications and experience

Mr. Hugh Roberts
Farmer
'Birralee'
COOTAMUNDRA NSW 2694
Representing Users

Prof Margaret Sedgley
University of Adelaide
Waite Campus
GLEN OSMOND SA 5064
Representing Plant Breeders

Dr D A I (Dai) Sutter
General Manager
Weston Food Laboratories
1 Braidwood Street
ENFIELD NSW 2136
Representing Consumers

Mr Doug Waterhouse (Chair)
Acting Registrar of Plant Breeders Rights
GPO Box 858
CANBERRA ACT 2601

PLANT BREEDERS RIGHTS ADVISORY COMMITTEE (PBRAC)

SUMMARY OF MINUTES OF PBRAC MEETING HELD ON 5 FEBRUARY 1997

Mr Doug Waterhouse, Acting Registrar of the Plant Breeders Rights (PBR) Office and Chair of the PBRAC, welcomed five members of the Committee, with apologies from the sixth member, Dr Dai Suter.

The Chair advised the members of the permanent transfer of the Registrar of PBR, Dr Mick Lloyd, to Director of the new Plant Protection Unit within the Crops Division. Mr Waterhouse detailed Dr Lloyd's expertise in the PBR scheme over many years and noted his considerable input in achieving the smooth passage of recent legislation through the Parliamentary process. The Committee endorsed Mr Waterhouse's remarks and recommended that a letter be written to Dr Lloyd in appreciation of his work.

In business arising from the Minutes of the previous meeting, Mr Waterhouse advised the Committee **(i)** that the proposed 1996 amendments to the PBR Act were still to be dealt with due to the large parliamentary legislative schedule, and **(ii)** that there is now a *PBR Home Page* on the Internet.

The following Committee *recommendations* were noted:

- that the PBR Office produce an article on naming varieties, including issues, trade marks, duplication of names, definition of "class".
- that the article be published in the Plant Varieties Journal (PVJ) and directed to commercial publications such as Australian Horticulture.
- that a comparison of fee schedules be drawn up including Australia, The Netherlands, New Zealand and Canada.

In relation to new business Mr Waterhouse gave the Committee a summary of the recent performance of the PBR Office, a review of operations and an indication of future processing and financial projections. Mr Waterhouse stated the ***goals of PBR*** were to encourage private investment in plant breeding, to promote technology, and to increase access to elite germplasm. He felt that protection through PBR is now seen by breeders as a strategic asset and is reflected in improved participation rates in ornamentals, cereals, pulses, pastures, fruit and vegetable species.

The Registrar advised the Committee that the highest priority ***operational objectives of the PBR Office*** were the processing of legally sustainable grants and efficient and effective client service. He also expected increased progress in completing applications, greater quality control, regular financial reporting, and improved workload analysis. He anticipated greater client contact would be supported by wider public access to PBR data, the new PBR 'Home Page', and access to UPOV data on CD ROM. Mr Waterhouse advised the Committee that a comparison of completion rates in UPOV countries, Australia was second only to Argentina over the last two years. In output per examiner staff member, Australia was a close second to Israel.

Mr Waterhouse discussed the terms of reference of the ***Ernst & Young Review*** of the PBR Office and detailed its recommendations. He advised that since the review, the PBR Office had implemented stringent financial management measures and that the cost of processing applications now closely approximated the fees charged. Accordingly, there was now no *immediate* need to increase fees as recommended by the review. The other recommendations made by the Ernst & Young review are currently being implemented, including accrual reporting and a new data base. The PBR Office is undertaking procedures to provide a sound business management strategy designed to ensure the maintenance of cost recovery goals in a *commercial* environment, while still ensuring *client service*.

After lengthy discussion by the Committee on the matter of ***Delivery Point Royalties*** it was *recommended* that **(i)** the PBRAC should not adopt a particular position on the question of collecting royalties, but should 'monitor' developments and **(ii)** where necessary, and with industry support, PBR should consider amending the Act to remove any remaining impediments to delivery point royalty systems agreed to by breeders, producers and consumers.

In regard to other ***proposed amendments to the Plant Breeder's Rights Act 1994*** the Committee noted the proposed amendments *'in general'* and confirmed that the legislative processes up to the drafting stage should continue but that they, the Committee, reserved the right for further discussion and, depending on the final wording, possible withdrawal of support for any amendment up until the time of Parliamentary consideration.

An amendment proposed by the ***Grains Council of Australia (GCA)*** to remove inconsistencies between the vesting powers of single export desks and the PBR Act was discussed at length by the Committee. The GCA suggested an amendment to change *'exclusive rights to do'* to *'exclusive right to authorise'* a series of acts. Mr Waterhouse advised that a change of this type would bring the PBR Act into closer conformity with the 1991 UPOV Convention. The Committee *agreed* to consult their constituents on the general issue and defer further debate until the Office of Parliamentary Drafting had produced a series of wording options to achieve the desired outcome.

The Committee *agreed* to the following amendments to the Act:

(i) to allow grantees of PBR the discretion to waive their rights on propagative material in favour of exercising PBR rights on harvested material or products obtained from harvested material.

(ii) to protect varieties of nominated perennial species from unauthorised multiplication under the Farm Saved Seed provision *(Section 17)* in circumstances where there is a considerable time lag between propagation and harvest, eg mango. Specifically, it was agreed that mango be declared in a new regulation as a taxon which is exempted from the operation of *Section 19(1).*

(iii) to protect those clients who became ineligible to apply for PBR in the transition between the PVR Act and the introduction of the PBR Act, particularly those varieties that had been sold for more than four years but less than six years.

(iv) to recover "full costs" for test growings undertaken at the request of another UPOV member state and recover costs from the unsuccessful party involved in a revocation/objection test growing and not the party requesting the test growing (as at present) *(Section 37).*

(v) to state that reasonable public access is satisfied not only by the provision of propagative material but also where the harvested material or products from the harvested material are available in reasonable quantities, qualities and price *(Section 19).*

(vi) to extend the allowable time period for notification of assignment or change of assignment to the PBR Office from 7 days to 28 days *(Section 21).*

(vii) to rectify minor transcription errors in *Section 43, Section 50(5)* and Article 14 of UPOV Convention.

In relation to ***duplicate copies of the Register held in States/Territories*** the Committee *agreed*:

(i) to remove the requirement to maintain copies of the Register in each state and territory as the cost of maintaining duplicate Registers is considerable and better service at lower cost could be provided by electronic searching and copying of a centralised Register by the PBR *Office (Section 61)* and **(ii)** to delete the current scheduled fee for copies of the Register under this section so that clients who may have accessed the Register free of charge in the past will not be disadvantaged *(Section 62).*

The Committee agreed to meet again on ***Wednesday, 6 August 1997***.

APPENDIX 3

INDEX OF ACCREDITED CONSULTANT 'QUALIFIED PERSONS'

The following persons have been accredited by the Plant Breeders Rights office based on information provided by these persons. From the information provided by the applicants, the PBR office believes that these people can fulfill 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)
Apple	Baxter, Leslie Jotic, Predo Mackay, Alastair Mitchell, Leslie McDowell, Meaghan Robinson, Ben Scholefield, Peter Stearne, Peter Tancred, Stephen Valentine, Bruce
Aquatic	Birkill, Ann-Marie
Anigozanthos	Paananen, Ian Kirby, Greg
Aroid	Clarke, Charles Harrison, Peter
Azalea	Barrett, Mike Hempel, Maciej Paananen, Ian
Barley (Common)	Collins, David Morgan, Stuart A Platz, Greg Trethowan, Richard
Berry Fruit	Robinson, Ben Scholefield, Peter Wilson, Stephen
Blueberry	Barthold, Graham
Bougainvillea	Iredell, Janet Willa
Brassica	Aberdeen, Ian Baker, Andrew Cross, Richard Fennell, John Kadkol, Gururaj Lewis, Gregory McMichael, Prue Robinson, Ben Scholefield, Peter Tay, David Wearing, Alan
Bromeliads	Clarke, Charles
Buddleia	Robb, John Paananen, Ian
Camellia	Paananen, Ian Robb, John
Carnivorous Plants	Clarke, Charles
Cassava	Tay, David
Cereals	Bullen, Kenneth Collins, David Cook, Bruce Cooper, Kath Cross, Richard Davidson, James Derera, Nicholas AM Fennell, John Fletcher, Rob Gardner, Anne Hare, Raymond Harrison, Peter Henry, Robert J Kidd, Charles Law, Mary Ann Mitchell, Leslie Oates, John Platz, Greg Poulsen, David Reid, Robert Rees, Robert Rose, John Scattini, Walter John Smart, Geoffrey Stearne, Peter Stuart, Peter Vertigan, Wayne Wearing, Alan Williams, Warren Wilson, Frances
Cherry	Kennedy, Peter Mackay, Alastair McDowell, Meaghan Mitchell, Leslie Robinson, Ben Scholefield, Peter
Chickpeas	Collins, David Goulden, David Morgan, Stuart A
Citrus	Edwards, Megan Fox, Primrose Gingis, Aron Lee, Slade Mitchell, Leslie Robinson, Ben Scholefield, Peter Sykes, Stephen
Clover	Miller, Jeff Mitchell, Leslie Nichols, Phillip
Conifer	Stearne, Peter
Cotton	Bullen, Kenneth Derera, Nicholas AM Leske, Richard Thomson, Norman
Cucurbits	Cross, Richard Herrington, Mark McMichael, Prue Robinson, Ben Scholefield, Peter Sykes, Stephen Wearing, Alan
Cydonia	Baxter, Leslie
Dogwood	Stearne, Peter
Feijoa	Robinson, Ben Scholefield, Peter
Fig	FitzHenry, Daniel
Forage Brassicas	Goulden, David
Forage Grasses	Berryman, Tim Bray, Robert Fennell, John Harrison, Peter Kirby, Greg Mitchell, Leslie Slatter, John
Forage Legumes	Bray, Robert Fennell, John Harrison, Peter Miller, Jeff Slatter, John
Forest Trees	Lubomski, Marek
Fruit	Beal, Peter Gingis, Aron Kerly, Rod Lenoir, Roland Mitchell, Leslie

Robinson, Ben
Scholefield, Peter

Grapes
Biggs, Eric
Cirami, Richard
Gingis, Aron
Mitchell, Leslie
Robinson, Ben
Scholefield, Peter
Stearne, Peter
Sykes, Stephen

Grevillea
Herrington, Mark

Hydrangea
Hanger, Brian

Impatiens
Paananen, Ian

Jojoba
Dunstone, Bob

Legumes
Aberdeen, Ian
Bahnisch, L
Baker, Andrew
Bray, Robert
Cameron, Stephen
Collins, David
Cook, Bruce
Downes, Ross
Hacker, Bryan
Harrison, Peter
Imrie, Bruce
Kirby, Greg
Knights, Edmund
Law, Mary Ann
Loch, Don
Mitchell, Leslie
Morgan, Stuart A
Reid, Robert
Rose, John

Lentils
Collins, David
Goulden, David

Lucerne
Mitchell, Leslie
Bray, Robert
Nichols, Phillip

Lupin
Collins, David
Lewis, Gregory

Magnolia
Paananen, Ian

Maize
Slatter, John

Myrtaceae
Dunstone, Bob
Reid, Robert

Native grasses
Quinn, Patrick
Waters, Cathy

Neem
Friend, Joe

Oat
Collins, David
Morgan, Stuart A
Platz, Greg
Trethowan, Richard

Oilseed crops
Downes, Ross
Kidd, Charles
Poulsen, David
Slatter, John

Olives
Gingis, Aron

Onions
Cross, Richard
Fennell, John
Gingis, Aron
McMichael, Prue
Robinson, Ben
Scholefield, Peter
Strange, Pamela

Orchids
Clarke, Charles

Ornamentals – Exotic
Armitage, Paul
Angus, Tim
Birkill, Ann-Marie
Cameron, Stephen
Collins, Ian
Cooling, Beth
Cross, Richard
Cunneen, Thomas
Dawson, Iain
Derera, Nicholas AM
Fisk, Anne Marie
Fitzhenry, Daniel
Gingis, Aron
Harrison, Peter
Hempel, Maciej
Johnston, Margaret
Kirkham, Roger
Kwan, Brian
Lenoir, Roland
Lowe, Greg
Lubomski, Marek
Lunghusen, Mark
Mitchell, Leslie
McDowell, Meaghan
McMichael, Prue
Nichols, David
Oates, John
Paananen, Ian
Richardson, Clive
Robb, John
Robinson, Ben
Scholefield, Peter
Singh, Deo
Stearne, Peter
Stewart, Angus
Strange, Pamela
Tay, David
Van der Ley, John
Watkins, Phillip
Wearing, Alan

Ornamentals – Indigenous
Allen, Paul
Angus, Tim
Barrett, Mike
Beal, Peter
Bound, Sally Anne
Collins, Ian
Cooling, Beth
Cunneen, Thomas
Dawson, Iain
Derera, Nicholas AM
Downes, Ross
Hanger, David
Harrison, Peter
Henry, Robert J
Hockings, David
Jack, Brian
Johnston, Margaret
Jusaitis, Manfred
Kirby, Greg
Kirkham, Roger
Lenoir, Roland
Lowe, Greg
Lunghusen, Mark
McDowell, Meaghan
McMichael, Prue
Molyneux, W M
Nichols, David
Oates, John
Paananen, Ian
Robinson, Ben
Scholefield, Peter
Singh, Deo
Stearne, Peter
Strange, Pamela
Tan, Beng
Watkins, Phillip
Wearing, Alan
Worrall, Ross

Ornithopus
Nichols, Phillip

Osmanthus
Paananen, Ian
Robb, John

Pastures & Turf
Aberdeen, Ian
Avery, Angela
Bahnisch, L
Berryman, Tim
Cameron, Stephen
Cook, Bruce
Cunningham, Peter
Downes, Ross
Harrison, Peter
Hacker, Bryan
Kaapro, Jyri
Kirby, Greg

Loch, Don
Miller, Jeff
Mitchell, Leslie
Rose, John
Smith, Raymond
Scattini, Walter
Slatter, John
Williams, Warren
Wilson, Frances

Peanut
George, Doug
Tay, David

Pear
Baxter, Leslie
Mackay, Alastair
Robinson, Ben
Scholefield, Peter
Tancred, Stephen
Valentine, Bruce

Petunia
Paananen, Ian
Nichols, David

Photinia
Robb, John

Pistacia
Richardson, Clive
Sykes, Stephen

Pisum
Goulden, David
Lewis, Gregory
McMichael, Prue
Morgan, Stuart A

Potatoes
Baker, Andrew
Cross, Richard
Fennell, John
Kirkham, Roger
McMichael, Prue
Robinson, Ben
Scholefield, Peter
Strange, Pamela
Stearne, Peter
Tay, David

Proteaceae
Alexander, Susan
Kirby, Neil
Reid, Robert
Robb, John
Robinson, Ben
Scholefield, Peter

Pseudocereals
Fletcher, Rob

Pulse Crops
Bullen, Kenneth
Collins, David
Cross, Richard
Fletcher, Rob
Kidd, Charles
Oates, John
Slatter, John

Prunus
Mackay, Alastair
McDowell, Meaghan
Porter, Gavin
Topp, Bruce

Raspberry
Barthold, Graham
Martin, Stephen
Robinson, Ben
Scholefield, Peter

Rhododendron
Barrett, Mike
Paananen, Ian

Roses
Barrett, Mike
Cross, Richard
Fitzhenry, Daniel
Fox, Primrose
Gingis, Aron
Hanger, Brian
Lee, Peter
Robinson, Ben
Scholefield, Peter
Stearne, Peter
Strange, Pamela
Swane, Geoff
Syrus, A Kim
Van der Ley, John

Rye (Common)
Trethowan, Richard

Sesame
Harrison, Peter
Imrie, Bruce

Sorghum
Slatter, John

Soybean
Andrews, Judith
Harrison, Peter

Spices and Medicinal Plants
Derera, Nicholas AM

Stone Fruit
Barrett, Mike
Boucher, Wayne
Mackay, Alistair
McDowell, Meaghan
Robinson, Ben
Scholefield, Peter
Valentine, Bruce

Strawberry
Barthold, Graham
Gingis, Aron
Herrington, Mark
Martin, Stephen
Mitchell, Leslie
Morrison, Bruce
Porter, Gavin
Robinson, Ben
Scholefield, Peter
Strange, Pamela
Wilson, Stephen
Zorin, Clara

Sugarcane
McRae, Tony
Tay, David

Sunflower
George, Doug

Tomato
Cross, Richard
Gingis, Aron
Herrington, Mark
Martin, Stephen
McMichael, Prue
Robinson, Ben
Scholefield, Peter
Strange, Pamela

Triticale (x Triticosecale Wittmack)
Collins, David
Trethowan, Richard

Tropical/Sub-Tropical Crops
Bullen, Kenneth
Fletcher, Rob
Harrison, Peter
Kulkarni, Vinod
Paulin, Robert
Robinson, Ben
Scholefield, Peter
Tay, David
Winston, Ted

Umbrella Tree
Paananen, Ian

Vegetables
Baker, Andrew
Beal, Peter
Cross, Richard
Derera, Nicholas AM
Fennell, John
Frkovic, Edward
Gingis, Aron
Harrison, Peter
Kirkham, Roger
Kerly, Rod
Lenoir, Roland
McMichael, Prue
Oates, John
Pearson, Craig
Robinson, Ben
Scholefield, Peter
Scott, Peter
Strange, Pamela
Tay, David
Van Holthe, Jan Westra

Verbena
Paananen, Ian

Wheat (Aestivum & Durum Groups)
Collins, David
Gardner, Anne
Trethowan, Richard

TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
Aberdeen, Ian	057-82 1029	SE Australia
Alexander, Susan	002-784 333	Tasmania
Allen, Paul	07-3824 0263	SE QLD, Northern NSW
Andrews, Judith	069-530 214 069-530 268 fax	Southern NSW, Northern VIC
Angus, Tim	047 515 702	Australia and New Zealand
Armitage, Paul	03-9735 1362	Victoria
Avery, Angela	060-262205	South Eastern Australia
Bahnisch, L	074-6013000 74-601 112fax	Australia
Baker, Andrew	004 26 2874 ph/fax	Tasmania
Barrett, Mike	02-875 3087	NSW/ACT
Barthold, Graham	059-97 1413	Southern Victoria
Baxter, Leslie	002-336 609	Tasmania
Beal, Peter	07-328 61488	QLD & Northern NSW
Berryman, Tim	045 775 172	Sydney & Environs
Biggs, Eric	050-23 2400 ph/fax	Mildura Area
Birkill, Ann-Marie	07-3374 1839	Australia
Bound, Sally Anne	002-784 357	Tasmania
Bray, Robert	07-3378 3158	QLD & Northern NSW
Bullen, Ken	063-62 4539	QLD/NSW/VIC
Cameron, Stephen	003-036 5422	Tasmania
Cirami, Richard	085 628 273	Australia
Collins, David	096-226100 096-221902	Central Western Wheatbelt of Western Australia
Collins, Ian	045-666 177	Sydney
Cook, Bruce	074-82 1522	Queensland
Cooling, Beth	075-5332277(w) 075-332 277(a/h)	Gilston, Queensland
Cooper, Katharine	08-372 2280	Australia
Cross, Richard	64-3-325 6400 ph 64 3 325 2074 fax	New Zealand
Cunneen, Thomas	046 512 600 046 512 578 fax	Sydney Region
Cunningham, Peter	055-730900	Temperate regions of Australia
Davidson, James	06-246 5071	High rainfall zone of temperate Australia
Dawson, Iain	06- 251 2293	ACT, South East NSW
Derera, Nicholas AM	02-639 3072	Australia
Downes, Ross	06-255 1461 ph/fax	ACT, South East Australia
Dunstone, Bob	06-281 1754	South East NSW
Edwards, Megan	050-245603	VIC/NSW
Fennell, John	004-217 633	Tasmania
FitzHenry, Daniel	048-622 487	Sydney and surrounding districts
Fletcher, Rob	074-601 311 074-601 112 fax	Australia
Fox, Primrose	02-629 2245	Sydney
Friend, Joe	066-886150	Northern QLD & NSW
Frkovic, Edward	069-62 7333	Australia
Gardner, Anne	06 246 5374 06 246 5399 or 5255 fax	Australia, New Zealand
George, Doug	074-601 308 074 601 112	Australia
Gingis, Aron	03 9887 6120 03 9769 1522 fax 0419 878 658 mob	Victoria, South Australia and Southern NSW
Goulden, David	64-3-325 6400 64-3-325 2074 fax	New Zealand
Hacker, Bryan	07-377 0210	South QLD, Northern NSW
Hanger, Brian	03-9756 7532	Victoria
Hanger, David	074-601 301 074-601 112 fax	Australia
Hare, Ray	067-631 232	QLD, NSW VIC & SA
Harrison, Peter	08 8948 1894	Tropical/Sub-tropical Australia, including NT and NW of WA and tropical arid areas.
Hempel, Maciej	046-28 0376	NSW, QLD, VIC, SA
Henry, Robert J	066-20 3010	Australia
Herrington, Mark	074-412211	Southern Queensland
Hockings, Francis David	074-943385	Southern Queensland
Imrie, Bruce	07-3377 0238	SE Queensland
Iredell, Janet Willa	07-32026351 ph/fax	SE Queensland
Jack, Brian	099-525 040	South West WA
Johnston, Margaret	074-601 240 074-601 455 fax	SE Queensland
Jotic, Predo	002-664305	Tasmania
Jusaitis, Manfred	08-336 3755	South Australia
Kaapro, Jyri	02-736 1233 02-743 6348 fax	Sydney and surrounding areas
Kadkol, Gururaj	053-82 1269	North Western Victoria
Kennedy, Peter	063-82 1077	Australia
Kerly, Rod	059 788 508 ph/fax	Australia
Kidd, Charles	08 8842 3591 08 8842 3066 fax	Southern Australia
Kirby, Greg	08-201 2176	South Australia
Kirby, Neil	047-542 637	New South Wales
Kirkham, Roger	059-571 200	Victoria
Knights, Edmund	067-631 100	North Western NSW
Kulkarni, Vinod	089 922 221	Australia
Kwan, Brian	03 5943 1088	Australia
Law, Mary Ann	076-38 4322	Toowoomba region
Lee, Peter	003-301147	SE Australia
Lee, Slade	071-556 244	Queensland/Northern New South Wales
Lenoir, Roland	06-231 9063	Australia
Leske, Richard	076-713136	Cotton growing regions QLD & NSW
Lewis, Gregory	074-601 301	Southern QLD, Northern NSW
Loch, Don	074-821522	Queensland
Lowe, Greg	043-844 128 ph/fax	Sydney, Central Coast NSW
Lubomski, Marek	07-55253 023 ph/fax	NSW & QLD
Lunghusen, Mark	03-97231751	Melbourne & environs
Mackay, Alastair	08 9 310 5342 ph/fax	Western Australia
Martin, Stephen	002-784 307	Tasmania
McDowell, Meaghan	03 9801 2429	SE Australia
McMichael, Prue	08-8373 2488ph 08-8373 2442fax	SE Australia
McRae, Tony	079 545 100 079 545 167 fax	Australia
Miller, Jeff	64-6-358-6019 extn 8106	Manawatu region, New Zealand
Mitchell, Leslie	058-212 021 058 311 592 fax	VIC, Southern NSW
Molyneux, William	03-9728 1222	Victoria
Morgan, Stuart A	09-3683500 09-4742840	South West Division, WA
Morrison, Bruce	03-9210 9251	East of Melbourne
Nichols, David	059-77 4755	SE Melbourne, Mornington Peninsula and Dandenong Ranges, Victoria
Nichols, Phillip	09-368 3229	Western Australia
Oates, John	046-51 2601	Sydney region, Eastern Australia
Paananen, Ian	043-62 2418 ph/fax 017 826 589 mob	Sydney/Newcastle
Paulin, Robert	09 368 3308 09 367 2625 fax 019 107 244 mob	South West Western Australia
Platz, Greg	076 398 817 076 398 800 fax	Queensland, Northern NSW
Porter, Gavin	074-601 231 074-601 455 fax	SE QLD, Northern NSW
Poulsen, David	076-61 2944	SE QLD, Northern NSW
Quinn, Patrick	054 2211511	SE Australia
Reid, Robert	003-36 5449	Australia
Richardson, Clive	051 55 0255 051 43 2168	NSW and VIC
Robb, John	043-76 1330 043-76 1271 fax	Sydney, Central Coast NSW
Robinson, Ben	08-373 2488	SE Australia
Rose, John	076-61 2944	SE Queensland
Scattini, Walter	07-3356 0863/ 07-356 0371 07-3356 0863 fax	Tropical and sub-tropical Australia
Scholefield, Peter	08 373 2488	SE Australia
Scott, Peter	06-653 1362	Sydney region
Singh, Deo	018-880 787 07-3207 5998 fax	Brisbane
Slatter, John	076 350 726 076 352 772 fax 015 588 086 mob	Australia
Smart, Geoffrey	067-931-114	New South Wales
Smith, Stuart	003-36 5234	SE Australia
Stearne, Peter	02-262 2611	Sydney, ACT & NSW
Stewart, Angus	043-253 944	Sydney, Gosford
Strange, Pamela	08-373 2488	South Australia
Stuart, Peter	076-902 666	SE Queensland
Swane, Geoff	068-89 1545	Central western NSW
Syrus, A Kim	085-56 2555	Adelaide
Tan, Beng	09-351 7168	Perth & environs
Tancred, Stephen	076-81 1255	QLD, NSW
Tay, David	074 601 313 074 601 112fax	Australia
Topp, Bruce	076 811 255	SE QLD, Northern NSW
Trethowan, Richard	053-622 111	Victoria
Valentine, Bruce	063 61 3919	New South Wales
Van Der Ley, John	065-615047 065 615138 (fax)	Sydney to Brisbane and New England area
Van Holthe Jan Westra	03-9706 3033	Australia
Vertigan, Wayne	003-36 5221	Tasmania
Waters, Cathy	068 476 373 (ph/fax)	SE Australia
Watkins, Phillip	09-525 1800	Perth Region
Wearing, Alan	074 601 230 074 601 112	Australia
Williams, Warren	64-6-356 8019	New Zealand
Wilson, Frances	64-3-318 8514	Canterbury, New Zealand
Wilson, Stephen	002-784 364	SE Australia
Winston, Ted	070 688 796 (ph/fax)	QLD, Northern NSW and NT
Worrall, Ross	043-280 300	Australia
Zorin, Clara	07-3207 4306	Eastern Australia

APPENDIX 4

Non-Consultant Qualified Persons

Surname	Title	and Initial
Ali	Dr	S
Baelde	Mr	Arie
Barr	Dr	Andrew
Bell	Mr	David
Birmingham	Ms	Erika
Bloomfield	Mr	Anthony
Bodman	Mr	Keith
Brennan	Dr	Paul
Brindley	Mr	Tony
Broinowski	Mr	Roger
Buchanan	Mr	Peter
Bunker	Mr	John
Bunker	Dr	Kerry
Cameron	Mr	Nick
Chivers	Mr	Ian
Constable	Dr	Greg
Cook	Mrs	Esther
Cooper	Dr	Kath
Costin	Mr	Russell
Craig	Mr	Andrew
Dale	Mr	Gary
Darmody	Ms	Liz
Davidson	Dr	Jim
Dear	Mr	Brian
Donnelly	Mr	Peter
Downe	Dr	Graeme
Eastwood	Dr	Russell
Eisemann	Mr	Robert
Elliott	Mr	Philip
Enneking	Dr	Dirk
Fitzsimmons	Mr	Laurie
Flavel	Mr	Greg
Fleming	Mr	Graham
Gibson	Mr	Peter
Gingis	Mr	Aron
Goodwin	Dr	Peter
Green	Dr	Alan
Hanger	Dr	Brian
Harden	Mr	Patrick
Hart	Mr	Ray
Hatfield	Mr	Peter
Higginbotham	Mr	Russ
Higgs	Mr	Robert
Hollamby	Mr	Gil
Holland	Mr	Mark
Howie	Mr	Jake
Huxley	Mr	Ian
Jupp	Mr	Noel
Kaehne	Dr	Ian
Kennedy	Mr	Chris
Knight	Dr	Ronald
Knights	Mr	Ted
Knox	Mr	Graham
Kobelt	Mr	Eric
Lake	Mr	Andrew
Landers	Ms	Kate
Liu	Dr	Chunji
Luckett	Dr	David
Lullfitz	Mr	Robert
Macleod	Mr	Nick
Mann	Mr	Dorham
Mason	Mr	Lloyd
McMaugh	Mr	P
Mendham	Dr	Neville
Menzies	Miss	Kim
Moore	Mr	Stephen
Neilson	Mr	Peter
Norriss	Mr	Michael
Oakes	Mr	John
Offord	Ms	Cathy
Oram	Dr	Rex
Pearce	Mr	Bob
Perrott	Mr	Neil
Prescott	Mr	Christopher
Rees	Dr	Robert
Reese	Mr	Nicholas
Reid	Mr	Peter
Rose	Dr	Ian
Salmon	Mr	Alexander
Sammon	Mr	Noel
Sandral	Mr	Graham
Sanewski	Mr	Garth
Schreuders	Mr	Harry
Scott	Mr	Peter
Scott	Mr	Ralph
Smith	Mr	Raymond
Song	Dr	Leonard
Swane	Mr	Robert
Sykes	Dr	Stephen
Tonkin	Mr	Rodney
Trimboli	Mr	Daniel
Tuttleby	Mr	Richard
Vaughan	Mr	Peter
Weatherly	Mrs	Lilia
Whalley	Prof	R.D.B.
Whiley	Dr	Anthony
Whiting	Mr	John
Williams	Dr	Rex
Wilson	Mr	Rob
Wilson	Mr	Stephen
Wilson	Ms	Frances
Wrigley	Mr	John

APPENDIX 5

The address of the 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) 730 9111
Fax: (41-22) 733 0336

Names and Addresses of Plant Variety Protection Offices in individual UPOV Member States:

ARGENTINA
Instituto Nacional de Semillas
Ministerio de Economia
Secretaria de Agricutura
Ganaderia y Pesca
Avda. Paseo Colon 922-3.
Piso, 1063 Buenos Aires

Phone: (54 1) 362 39 88
Fax: (54 1) 349 24 17

AUSTRALIA
Registrar
Plant Breeders Rights Office
P O Box 858
Canberra ACT 2601

Phone: (61 6) 272 38 88
Fax: (61 6) 272 36 50

AUSTRIA
Bundesamt und Forschungszentrum fur Landwirtschaft
Sortenschutzamt
Postfach 400
Spargelfeldstrasse 191
A- 1226 Wien

Phone: (43 1) 288 16 20 02
Fax: (43 1) 288 16 42 11

BELGIUM
Ministere de classes moyennes et de l'agriculture
Service de la protection des obtentions
vegetales et des catalogues nationaux
Tour WTC/3- 6eme etage
Avenue Simon Bolivar 30
B-1000 Bruxelles

Phone: (32 2) 208 37 28
Fax: (32 2) 208 37 05

CANADA
The Commissioner of Plant Breeders' Rights
Agriculture and Agri-Food Canada
Plant Industry Directorate
Plant Products Division
3rd Floor, East Court
Camelt Court
59 Camelot Drive
Nepean, Ontario
K1A OY9

Phone: (1 613) 952 80 00
Fax: (1 613) 992 52 19

CHILE
Ministerio de Agricultura
Servicio Agricola y Ganadero
Department de Semillas
Avenida Bulnes 140
Santiago de Chile

Phone: (56 2) 696 29 96
Fax: (56 2) 696 64 80

COLUMBIA
Sr. Jorge Enrique Suarez Corredor
Jefe Division de Semillas
Instituto Colombiano Agropecuario (I.C.A)
Ministerio de Agricultura
Oficina 413
Calle 37 No 8-43, Of. 501
Santa Fe de Bogota, D.F.

Phone: (57 1) 232 4697
Fax: (57 1) 232 4695

CZECH REPUBLIC
Ministry of Economy
External Relations Department
Tesnov 17
117 05 Prague 1

Phone: (42) 2 286 25 33
Fax: (42) 2 231 44 77

DENMARK
Plantenyhedsnaevnet
Teglvaerksvej 10
Tystofte
DK-4230 Skaelskoer

Phone: (45) 53 59 61 41
Fax: (45) 53 59 01 66

FINLAND
Plant Variety Rights Office
Ministry of Agriculture and Forestry
PO Box 232
SF-00171 Helsinki

Phone: (358) 01 60 33 16
Fax: (358) 01 60 24 43

FRANCE
Comite de la protection des obtentions vegetales
11, rue Jean Nicot
F-75007 Paris

Phone: (331) 42 75 93 14
Fax: (331) 42 75 94 25

GERMANY
Bundessortenamt
Postfach 61 04 40
D-30604 Hannover

Phone: (49 511) 95 66 5
Fax: (49 511) 56 33 62

HUNGARY
Hungarian Patent Office
Magyar Szabadalmi Hivatal
Garibaldi-u.2-B.P. 552
H-1370 Budapest

Phone: (36 1) 112 44 00
Fax: (36 1) 131 25 96

IRELAND
Senior Inspector
Controller of Plant Breeders' Rights
Department of Agriculture, Food & Forestry
Agriculture House
Kildare Street
Dublin 2

Phone: (353) 1 607 20 00
Fax: (353) 1 661 62 63

ISRAEL
Plant Breeders' Rights Council
The Volcani Center
PO Box 6
Bet-Dagan 50 250

Phone: (972) 3 968 34 92
Fax: (972) 3 968 34 92

ITALY
Ufficio Centrale Brevetti e Marchi
Ministero dell'Industria,
del Commercio e dell'Artigianato
19,via Molise
I-00187 Roma

Phone: (39 6) 47 05 1
Fax: (39 6) 47 05 30 35

JAPAN
Director of Seeds and Seedlings Division
Agricultural Production Bureau
Ministry of Agriculture, Forestry and Fisheries
1-2-1 Kasumigaseki – Chiyoda-ku
Tokyo 100
Phone: (81 3) 35 91 05 24
Fax: (81 3) 35 02 65 72

NETHERLANDS
Raad voor het Kwekersrecht
Postbus 104
NL-6700 AC Wageningen

Phone: (31 317) 41 90 31
Fax: (31 317) 42 58 67

NEW ZEALAND
Commissioner of Plant Variety Rights
Plant Variety Rights Office
PO Box 24
Lincoln

Phone: (64 3) 325 63 55
Fax: (64 3) 325 29 46

NORWAY
Planteosortsnemnda
(The Plant Variety Board)
Fellesbygget
N-1432 As

Phone: (47) 64 94 75 04
Fax: (47) 64 94 02 08

PARAGUAY (new member)
Address to be advised

POLAND
The Director
Research Center of Cultivars Testing (COBORU)
63-022 Slupia Wielka

Phone: (48 667) 535 58 or 523 41
Fax: (48 667) 535 58

PORTUGAL
Centro Nacional de Registo de Variedades Protegidas (CENARVE)
Edificio II do CNPPA
Tapada da Ajuda
P-1300 Lisboa

Phone: (351) 1 362 16 07
Fax: (351) 1 362 16 06

SLOVAKIA
Ministry of Agriculture
Dodrovicova 12
812 66 Bratislava

Phone: (42) 736 85 61
Fax: (42) 745 62 94

SOUTH AFRICA
The Registrar of Plant Breeders' Rights
Private Bag X 258
0001 Pretoria

Phone: (27 12) 319 7202
Fax: (27 12) 319 7279

SPAIN
Registro de Variedades
Instituto Nacional de Semillas y Plantas de Vivero
Jose Abascal, 4
280003- Madrid

Phone: (34 1) 347 66 00
Fax: (34 1) 594 27 68

SWEDEN
Statens vaxtsortnamnd
Box 1247
S-171 24 Solna

Phone: (46) 8 730 66 30
Fax: (46) 8 833 170

SWITZERLAND
Bundesamt fur Landwirtschaft
Buro fur Sortenschutz
Mattenhofstr. 5
CH-3003 Bern

Phone: (41 31) 322 25 24
Fax: (41 31) 322 26 34

UKRAINE
State Patent Office of Ukraine
8 Lvov Square
254655 Kiev 53, GSP- 655

Phone: (880 44) 212 50 82
Fax: (880 44) 212 34 49

UNITED KINGDOM
The Plant Variety Rights Office
White House Lane
Huntingdon Road
Cambridge CB3 OLF

Phone: (44 1223) 34 23 81
Fax: (44 1223) 34 23 86

UNITED STATES OF AMERICA

(For PVP)
The Commissioner
Plant Variety Protection Office
Agricultural Marketing Service
Department of Agriculture
Beltsville, Maryland 20705-2351

Phone: (1 301) 504 55 18
Fax: (1 301) 504 52 91

(For Plant Patent)
The Commissioner of Patents and Trademarks
Patent and Trade Mark Office
Box 4
Washington DC 20231

Phone: (1 703) 305 93 00
Fax: (1 703) 305 88 85

URUGUAY
Ministerio de Ganaderia, Agricultura y Pesca
Direccion General -Servicios Agricolas
Unidad de Semillas
Ava. Milan 4703
12.900 Montevideo

Phone: (59 82) 39 84 10
Fax: (59 82) 39 78 32

EUROPEAN UNION
(for applications filed within the EU)

Community Plant Variety Office
Rue de la Loi, 102
B-1040 Brussels
BELGIUM

Phone: (32 2) 299 19 44
Fax: (32 2) 299 19 46

Paraguay became the 32 member of UPOV in February 1997. The current list of UPOV Member States as at February 8, 1997* is:

Argentina[2]
Australia[2,5]
Austria[2,4]
Belgium[1,4]
Canada[2]
Chile[2]
Czech Republic[2]
Columbia[2]
Denmark[2,3,4]
Finland[2,4]
France[2,4]
Germany[2,4]
Hungary[2]
Ireland[2,4]
Israel[2,3]
Italy[2,4]
Japan[2]
Netherlands[2,3,4]
New Zealand[2]
Norway[2]
Paraguay[2]
Poland[2,5]
Portugal[2,4]
Slovakia[2,5]
South Africa[2,5]
Spain[1,4]
Sweden[2,4]
Switzerland[2]
Ukraine[2]
United Kingdom[2,4]
USA[2,5]
Uruguay[2]
(Total 32)

* Many non-member states currently have proposals for law to protect plant varieties before their legislatures. Belarus, Bolivia, Brazil, Bulgaris, Ecuador, Kenya, Panama, the Russian Federation, Trinidad and Tobago have initiated with the Council of UPOV the proceedure for becoming members of the Union. Mexico has taken steps with a view to ratifying the 1978 Act.

1 Bound by the 1961 Act as amended by the Additional Act of 1972.
2 Bound by the 1978 Act.
3 Bound by the 1991 Act.
4 Member of the European Community which has introduced a (supranational) Community plant variety rights system based upon the 1991 Act
5 Has already amended its law to conform to the 1991 Act; most other states are in the process of doing so.

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 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 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 analyzed 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 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

The 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 all applicants for PBR purposes.

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

One CTC may be authorised to test more than one genus.

Authorisations for each genus will be reviewed periodically.

Brief details of all applications for authorisation as a CTC will be published in the Plant Varieties Journal 10(1) with a list of all authorised establishments published in each edition thereafter.

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 applied for	Genera	Facilities	Name of QP	Date of accreditation
Agriculture Victoria, National Potato Improvement Centre	Toolangi, VIC	Potato	Outdoor, field, greenhouse, tissue culture lab	R Kirkham G Wilson	31/3/97

The following applications are pending:

Name	Location	Genera applied for	Facilities	Name of QP
Euro Australian Universal Enterprises	Canberra, ACT	Azalea, *Lycopersicon, Rhododendron, Melaleuca*	Outdoor, greenhouse, tissue culture lab	R Lenoir
University of Sydney, Plant Breeding Institute	Camden, NSW	*Argyranthemum, Diascia, Mandevilla,* Oats	Outdoor, field, irrigation, greenhouses with controlled micro-climates, controlled environment rooms, tissue culture, molecular genetics and cytology lab.	T Cunneen, J Oates
University of Queensland, Gatton College	Lawes, QLD	Tropical pastures, ornamental and bedding sp., wheat, millet, canola, *Prunus, Capsicum, Glycine, Ipomea, Lycopersicon, Saccharum, Vigna,* Asian vegetables, Tropical fruits, *Solanum*	Field, irrigation, glasshouse, small phytotron, plant nursery & propagation, tissue culture, seed and chemical lab, cool storage	L Bahnisch R Fletcher D George M Johnston G Lewis G Porter D Tay A Wearing D Hanger
Outeniqua Nursery	Monbulk, VIC	Unspecified	Outdoor, glasshouse	D Nichols

The following new applications have been received:

Name	Location	Genera applied for	Facilities	Name of QP
Bureau of Sugar Experiment Stations	Cairns, Tully, Ingham, Ayr, Mackay, Bundaberg, Brisbane	*Saccharum*	Field, glasshouse, tissue culture, pathology	T. McRae
Ag-Seed Research	Horsham and other sites	Canola	Field, glasshouse, shadehouse, laboratory and biochemical analyses	G. Kadkol
Agriculture Western Australia	Northam	Wheat	Field, laboratory	D. Collins
Geranium Cottage Nursery	Galston, NSW	Pelargoniums	Field, controlled environment house	G. Dale

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 Breeders Rights Office
PO Box 858
CANBERRA ACT 2601
Fax (06) 272 3650

Closing date for comments: 13 June 1997

ADVERTISE YOUR NEW VARIETY OR SERVICES IN THE

Plant Varieties Journal

Plant Breeders and their agents are invited to take this opportunity to promote their new plant varieties by advertising in the Plant Varieties Journal. Consultant Qualified Persons are also invited to advertise their services. The Plant Varieties Journal is well circulated throughout the horticultural and agricultural industry. Advertising in the Journal will promote the commercialisation of new plant varieties and the services offered by the qualified persons. Our policy is to promote the varieties which are currently in the PBR scheme and the services of those who are currently accredited by the PBR office.

Advertising is available at a casual space rate as well as a four times rate, attracting a considerable discount of 25%! Advertisements will be published on the front cover, back cover or inside the front and back covers. Please note that the front cover is restricted to a full colour photograph of a variety.

The current advertising rates are:

			Casual	4 issues
Front Cover		Colour	$1000.00	$3000.00
Back Cover	(Full Page only)	Colour	750.00	2250.00
	(Full Page only)	Mono	500.00	1500.00
Inside Front Cover	(Full Page)	Mono	400.00	1200.00
	(Half Page)	Mono	250.00	750.00
Inside Back Cover	(Full Page)	Mono	300.00	900.00
	(Half Page)	Mono	200.00	600.00

Material Requirements

Front page pic:	full colour negative or slide of variety (please supply caption)
Inside front and back pages:	same size camera ready bromide
Back page:	same size colour separated negative film, right reading, emulsion side down, 120 line screen with chemical colour proof or same size camera ready bromide (mono).

Mechanical Data

Trimmed size:	297mm (deep) x 210mm (wide)
Full page print area:	270mm (deep) x 185mm (wide)
Half page print area:	130mm (deep) x 185mm (wide)

DO YOU NEED HELP? The Plant Breeders Rights Office can arrange to have your mono artwork prepared at a reasonable cost if you are unable to provide it.

Important Message for Plant Breeders and Owners of New Varieties!

Do you have a new plant and are unsure of the potential market?

Do you need help with a Plant Breeders Rights Application?

Do you need help or advice on marketing?

Do you need any help or advice at all?

Call us, for proven expertise in plant promotions!

- We can provide assistance with Trials, Plant Breeders Rights Applications, Test Marketing and full commercialisation both in Australia and overseas.
- We can offer general advice on almost any subject related to ornamental marketing and promotions.
- We can arrange trial or plant material with various APG members both in Australia and overseas with **guaranteed security and confidentiality.**
- We can provide qualified legal advice.

The Australian Perennial Growers' in-house facilities include label design and product information services, in addition their advertising agency has the responsibility for professionally developing mass consumer promotion advertising and point of sale materials to support the promotion of the plants.

With these resources Australian Perennial Growers are already recognized as the new power in perennial growing.

For the right advice call the ornamental plant professionals...

APG

Australian Perennial Growers

The Power in Perennial Promotions

Call us toll free on 1800 [illegible] 297 or fax (056) 85 [illegible] PO Box 209, Ballina NSW 2478.