



# Plant Varieties Journal

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# Plant Varieties Journal

SEPTEMBER 1995, Volume 8, Number 3

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*Kathryn Dawes-Read*



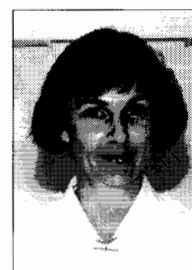
*Nik Hulse*



*Margaret Winsbury*



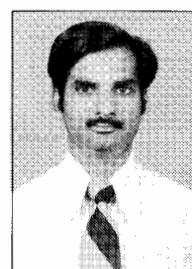
*Shirley Gourgaud*



*Elizabeth Pulsford*



*Doug Waterhouse*



*Katte Prakash*

## Letters To The Editor

As the PBR Australia office tightens its standards of quality of applications and as QPs gain experience with the latest application formats, here are a few points based on recent experience which may benefit us all.

It is important that QPs check directly with PBR for the latest version of UPOV guidelines and any proposed amendments before assessing comparative trials. Guidelines you already have on file may be superseded (eg Kangaroo Paw).

The shortened versions of descriptions and especially tables now appearing in the journal do not give a 100% guide to all the characters you need to measure as those not significantly different to comparators are deleted.

Don't be afraid to be creative in what characters you measure or document. It may help PBR (and UPOV) to evolve more repeatable and reliable tests of distinctness, as long as measurements are objective, repeatable (document methodology) and correct experimental design is used. This may be beneficial to applicants from a legal view point in fully documenting their new varieties and closest comparators.

Talk to other QPs with experience in the genus.

Ian Paananen  
RMB 3555  
Kangy Angy NSW 2258

## 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.

### 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 in the comparative tables **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.



## Part 2 - Public Notices

### Varieties Included in this Issue

	Variety	Page Number		Variety	Page Number	
Abutilon	'Golden Bell'	4	Dianthus	'Far East'	6	
Alstroemeria	'Alaska'	51		'Fury'	6	
	'Aruba'	4,8		'Royal Velvet'	6	
	'Atlanta'	51		'Spot On'	6	
	'Evita'	4		'Stagibrig'	53	
	'Felicity'	51		'Stagidark'	53	
	'Flamengo'	51	Diascia	'Apricot Cherub'	6	
	'Gloria'	51	Digitaria	'Strickland'	11	
	'Iberia'	51	Gaura	'Corrie's Gold'	12	
	'Java'	4,9		'Jo Adela'	12	
	'Little Star'	4	Globe Artichoke	'Imperial Star'	52	
	'Little Sun'	4	Hardenbergia	'Bushy Blue'	52	
	'Nevada'	51		'Mini Magic'	6	
	'Toscana'	51	Homalomena	'Good as Gold'	6	
	'Victoria'	51	Hops	'Furano No. 18'	53	
	Apple	'Belmont Red'	4	Impatiens	'Celebration Bright Coral'	13
		'Gold Lady'	4		'Celebration Cherry Star'	13
	Apricot	'Huon Pride'	4		'Celebration Hot Pink'	14
Azalea	'Evonne Goolagong'	51		'Celebration Light Lavender'	53	
	'Heide Hanisch'	5		'Celebration Pure White'	14	
	'Melodie'	5		'Celebration Salmon'	15	
	'Nanu'	5	Italian Ryegrass	'Conker'	53	
	'Ostalett'	51	Kangaroo Paw	'Bush Ember'	15	
	'Ostali'	51		'Bush Heritage'	16	
	'Otto'	51		'Bush Ochre'	17	
	'Paradiso'	5		'Bush Splendour'	18	
	'Princess Barbara'	51		'Bush Sunshine'	53	
	'Princess Pat'	51	Kura Clover	'Bush Twilight'	19	
	'Princess Sharon'	51		'Endura'	20	
	'Theo'	51	Lantana	'Monswee'	52,53	
	'Venus'	5	Lavender	'Henri Dunant'	21	
	Bougainvillea	'Little Guy'	5		'Willowbridge White'	6
		'Pedro'	5	Leucaena	'Tarramba'	6
	Brachyscome	'Sunset'	5	Lettuce	'Bulls Eye'	53
	Broad Bean	'Icarus'	52		'Marksman'	52
	Camellia	'Marge Miller'	10	Limonium	'Ballerina Rose'	52
	Canola	'Barossa'	53	Lomandra	'Green 'n' Gold'	53
'Oscar'		10	Macadamia	'Hidden Valley A38'	52	
'Yickadee'		53	Marguerite Daisy	'Summer Pink'	21	
Canna	'Pink Phasion'	5	Medicago	'Encore'	6	
Chloris	'Capital'	53	Millet	'Indus'	52	
Clematis	'Starlight'	5	Nectarine	'Ruby Diamond'	6	
Coprosma	'Rainbow Surprise'	5	Orange	'Rohde Summer Navel'	53	
Cotton	'Rainbow - 39'	5	Pea	'Dinkum'	53	
Chrysanthemum	'Alcala'	5	Peach	'Earlirich'	6	
	'Cobra'	5		'Liz's Late'	6	
	'Red Elani'	5	Pear	'Corinella'	6	
	'Samco'	5		'Sophia's Gold'	6	
	'Tripoli'	5	Pearl Millet	'Siromill'	22	
	Creek Lilly Pilly	'Blaze'	52	Perennial Ryegrass	'Camel'	7
		'Tiny Trev'	5	Petunia	'Sunsolos'	53
Cuphea	'Tiny Mice'	5		'Suntosol'	53	
Daphne	'Star White'	53		'Suntovan'	53	
Daylily	'Lemon Baby'	6		'Tiger Light'	53	
	'Peach Baby'	6	Phalaris	'BP 92'	22	
			Poinsettia	'268 Pink'	7	
			'490 Marble'	7		
			'490 White'	7		
			'490'	7		
			Potato	'Kestrel'	7	
				'Nadine'	52	
				'Prolog'	7	
				'Remarka'	7	
				'Valor'	7	
				'Winston'	7	

Rose	'Ausbloom'	7
	'Ausbord'	24
	'Auscrim'	52
	'Ausfin'	52
	'Ausmit'	52
	'Aussaucer'	7
	'Auswalker'	7
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	'Kooiana Moonlight'	42
	'Kooiana Watermelon'	43
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	'Meipitac'	52
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	'Meivrofix'	53
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	'Poulals'	53
	'Poulcar'	53
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	'Poulina'	53
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	'Sommermelodie'	7
	'Suntick'	48
	'SUNtink'	52
	'Welpeach'	53
	'Woman's Day'	49
Ryegrass	'Maverick'	7
Safflower	'S-501'	7
Sapium	'Johan Harder'	53
Scaevola	'Golden Fanfare'	53
Sesame	'Edith'	7
Strawberry	'Cartuno'	8
	'Kabarla'	8,50
	'Mianjin'	8
Subterranean Clover	'Riverina'	8
Sweet Cherry	'Brooks'	52
Syngonium	'Ultra'	53
Venus Fly Trap	'Royal Red'	53
Waxflower	'Cascade Mist'	53
Weeping Fig	'Curly'	8
Wheat	'Rowan'	53
	'Tasman'	53

## ACCEPTANCES

### ABUTILON

*Abutilon x hybridum*

### 'Golden Bell'

Application No: 95/186 Accepted: 17 Jul 1995  
Applicant: **Mr Robert Harrison**, Tynong, VIC

### ALSTROEMERIA

*Alstroemeria* hybrid

### 'Aruba'

Application No: 94/191 Accepted: 14 Aug 1995  
Applicant: **Konst Alstroemeria BV**, Nieuwveen, The Netherlands  
Agent: **Maxiflora Pty Ltd**, Monbulk, VIC

### 'Evita'

Application No: 95/184 Accepted: 11 Jul 1995  
Applicant: **Koninklijke Van Zanten BV**, Hillegom, The Netherlands  
Agent: **Spruson & Ferguson**, Sydney, NSW

### 'Java'

Application No: 94/192 Accepted: 14 Aug 1995  
Applicant: **Konst Alstroemeria BV**, Nieuwveen, The Netherlands  
Agent: **Maxiflora Pty Ltd**, Monbulk, VIC

### 'Little Star'

Application No: 95/183 Accepted: 11 Jul 1995  
Applicant: **Koninklijke Van Zanten BV**, Hillegom, The Netherlands  
Agent: **Spruson & Ferguson**, Sydney, NSW

### 'Little Sun'

Application No: 95/185 Accepted: 24 Jul 1995  
Applicant: **Koninklijke Van Zanten BV**, Hillegom, The Netherlands  
Agent: **Spruson & Ferguson**, Sydney, NSW

### APPLE

*Malus domestica*

### 'Belmont Red'

Application No: 95/137 Accepted: 30 May 1995  
Applicant: **IJ & MJ Gilbert**, Batlow, NSW  
Agent: **Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC

*Malus pumila*

### 'Gold Lady'

Application No: 95/150 Accepted: 30 May 1995  
Applicant: **Eric & Jeanette Ghilarducci**, Karagullen, WA  
Agent: **Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC

### APRICOT

*Prunus armeniaca*

### 'Huon Pride'

Application No: 95/197 Accepted: 15 Aug 1995  
Applicant: **Mr Laszlo Kocsis**, Wattle Grove, TAS  
Agent: **Geoffrey Britton**, Neerim East, VIC

### AZALEA (RHODODENDRON)

*Rhododendron simsii*

**'Heide Hanisch'**

Application No: 95/156 Accepted: 13 Jun 1995  
 Applicant: **Karl Glaser Gartenbaubetrieb**, Alte Strabe  
 9, Germany  
 Agent: **Rodger Max Davidson**, Galston, NSW

**'Melodie'**

Application No: 95/154 Accepted: 22 May 1995  
 Applicant: **Karl Glaser Gartenbaubetrieb**, Alte Strabe  
 9, Germany  
 Agent: **Rodger Max Davidson**, Galston, NSW

**'Nanu'**

Application No: 95/157 Accepted: 22 May 1995  
 Applicant: **Karl Glaser Gartenbaubetrieb**, Alte Strabe  
 9, Germany  
 Agent: **Rodger Max Davidson**, Galston, NSW

**'Paradiso'**

Application No: 95/155 Accepted: 22 May 1995  
 Applicant: **Karl Glaser Gartenbaubetrieb**, Alte Strabe  
 9, Germany  
 Agent: **Rodger Max Davidson**, Galston, NSW

**'Venus' syn. 'Kosmos Bunt'**

Application No: 95/153 Accepted: 22 May 1995  
 Applicant: **Karl Glaser Gartenbaubetrieb**, Alte Strabe  
 9, Germany  
 Agent: **Rodger Max Davidson**, Galston, NSW

**BOUGAINVILLEA**

*Bougainvillea* hybrid

**'Little Guy'**

Application No: 95/165 Accepted: 28 Jun 1995  
 Applicant: **Graham Scott Cooper & Narelle Florence  
 Cooper**, Tallai, QLD  
 Agent: **Brisbane Greenstock Growers**, Doolandella,  
 QLD

**'Pedro'**

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

**BRACHYSCOME**

*Brachyscome ascendens* x *curvicarpa*

**'Sunset'**

Application No: 95/187 Accepted: 19 Jul 1995  
 Applicant: **Patricia Valencia Shaw**, Sunnybank, QLD  
 Agent: **Australian Native Flora Promotions Pty Ltd**,  
 Limpinwood Valley via Chillingham, NSW

**CANNA**

*Canna* hybrid

**'Pink Phasion'**

Application No: 95/158 Accepted: 5 Jul 1995  
 Applicant: **Jan Plant**, Bethal, Republic of South Africa  
 Agent: **Plant Promotions International Pty Ltd**, Silvan,  
 VIC

**CHRYSANTHEMUM**

*Chrysanthemum* hybrid

**'Alcala'**

Application No: 95/055 Accepted: 6 Jun 1995  
 Applicant: **Pieters Dirk**, Oostnieuwkerke, Belgium  
 Applicant: **Seaglates Nursery**, Mt Martha, VIC

**'Cobra'**

Application No: 95/061 Accepted: 6 Jun 1995  
 Applicant: **Pieters Dirk**, Oostnieuwkerke, Belgium  
 Applicant: **Seaglates Nursery**, Mt Martha, VIC

**'Red Elani'**

Application No: 95/057 Accepted: 6 Jun 1995  
 Applicant: **Pieters Dirk**, Oostnieuwkerke, Belgium  
 Applicant: **Seaglates Nursery**, Mt Martha, VIC

**'Samco'**

Application No: 95/056 Accepted: 6 Jun 1995  
 Applicant: **Pieters Dirk**, Oostnieuwkerke, Belgium  
 Applicant: **Seaglates Nursery**, Mt Martha, VIC

**'Tripoli'**

Application No: 95/059 Accepted: 6 Jun 1995  
 Applicant: **Pieters Dirk**, Oostnieuwkerke, Belgium  
 Applicant: **Seaglates Nursery**, Mt Martha, VIC

**CLEMATIS**

*Clematis montana*

**'Starlight'**

Application No: 95/149 Accepted: 15 Aug 1995  
 Applicant: **RC Mitchell**, Christchurch, New Zealand  
 Agent: **Boulter's Nursery Monbulk Pty Ltd**, Monbulk,  
 VIC

**COPROSMA**

*Coprosma repens*

**'Rainbow Surprise'**

Application No: 95/176 Accepted: 25 Jul 1995  
 Applicant: **Richard G Ware**, Napier, New Zealand  
 Agent: **Bob Pearce**, McLean's Ridges via Lismore, NSW

**COTTON**

*Gossypium hirsutum*

**'Rainbow - 39'**

Application No: 95/160 Accepted: 6 Jun 1995  
 Applicant: **Mrs Kamila Ulman and Professor V N  
 Fursov**, Ashgabat, Turkmenistan  
 Agent: **John Collins**, Sydney, NSW

**CREEK LILLY PILLY**

*Syzygium australe*

**'Tiny Trev'**

Application No: 95/159 Accepted: 6 Jun 1995  
 Applicant: **Trevor John Garrad**, Woombye, QLD

**CUPHEA**

*Cuphea llavea*

**'Tiny Mice' syn. 'Georgia Scarlet'**

Application No: 95/175 Accepted: 17 Jul 1995  
 Applicant: **University of Georgia Research Foundation**

**Inc, Georgia, United States of America**  
Agent: **Bob Pearce**, McLean's Ridges via Lismore, NSW

**DAYLILY**  
*Hemerocallis* hybrid

**'Lemon Baby'**  
Application No: 95/172 Accepted: 17 Jul 1995  
Applicant: **Robert Raabe & Bob Pearce**, McLean's Ridges via Lismore, NSW  
Agent: **Bob Pearce**, McLean's Ridges via Lismore, NSW

**'Peach Baby'**  
Application No: 95/173 Accepted: 17 Jul 1995  
Applicant: **Robert Raabe & Bob Pearce**, McLean's Ridges via Lismore, NSW  
Agent: **Bob Pearce**, McLean's Ridges via Lismore, NSW

**DIANTHUS**  
*Dianthus plumarius*

**'Far East'**  
Application No: 95/179 Accepted: 17 Jul 1995  
Applicant: **Dr Keith Hammett**, Auckland, New Zealand  
Agent: **Bob Pearce**, McLean's Ridges via Lismore, NSW

**'Fury'**  
Application No: 95/178 Accepted: 17 Jul 1995  
Applicant: **Dr Keith Hammett**, Auckland, New Zealand  
Agent: **Bob Pearce**, McLean's Ridges via Lismore, NSW

**'Royal Velvet'**  
Application No: 95/174 Accepted: 17 Jul 1995  
Applicant: **Dr Keith Hammett**, Auckland, New Zealand  
Agent: **Bob Pearce**, McLean's Ridges via Lismore, NSW

**'Spot On'**  
Application No: 95/177 Accepted: 17 Jul 1995  
Applicant: **Dr Keith Hammett**, Auckland, New Zealand  
Agent: **Bob Pearce**, McLean's Ridges via Lismore, NSW

**DIASCIA**  
*Diascia integerrima*

**'Apricot Cherub'**  
Application No: 95/181 Accepted: 12 Jul 1995  
Applicant: **Robert Swane**, Dural, NSW

**HARDENBERGIA**  
*Hardenbergia violacea*

**'Mini Magic'**  
Application No: 95/207 Accepted: 29 Aug 1995  
Applicant: **Australian Native Flora Promotions Pty Ltd**, Limpinwood Valley via Chillingham, NSW  
Agent: **Limpinwood Gardens Nursery**, Limpinwood Valley via Chillingham, NSW

**HOMALOMENA**  
*Homalomena* hybrid

**'Good as Gold'**  
Application No: 95/199 Accepted: 15 Aug 1995  
Applicant: **EJ Bunker, Redlands Greenhouses Holdings Pty Ltd**, Redland Bay, QLD

**LAVENDER**  
*Lavandula viridis* x *pedunculata*

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

**LEUCAENA**  
*Leucaena leucocephala*

**'Tarramba'** syn. **'K636'**  
Application No: 95/067 Accepted: 6 Jun 1995  
Applicant: **UniQuest Limited**, St Lucia, QLD

**MEDICAGO**  
*Medicago sativa*

**'Encore'** syn. **'CS 93-1'**  
Application No: 95/142 Accepted: 8 Aug 1995  
Applicant: **CSIRO Division of Tropical Crops & Pastures**, Brisbane, QLD

**NECTARINE**  
*Prunus persica* var *nectarina*

**'Ruby Diamond'**  
Application No: 95/164 Accepted: 19 Jun 1995  
Applicant: **Norman G Bradford & Lowell G Bradford**, California, United States of America  
Agent: **Buchanan's Nursery**, "Monkstadt", Tenterfield, NSW

**PEACH**  
*Prunus persica*

**'Earlirich'** syn. **'83ED491'**  
Application No: 95/194 Accepted: 1 Aug 1995  
Applicant: **Zaiger's Inc Genetics**, Modesto, California, United States of America  
Agent: **Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC

**'Liz's Late'** syn. **'18K374'**  
Application No: 95/038 Accepted: 30 May 1995  
Applicant: **Zaiger's Inc Genetics**, California, United States of America  
Agent: **Fleming's Nurseries & Associates Pty Ltd**, Monbulk, VIC

**PEAR**  
*Pyrus communis*

**'Corinella'**  
Application No: 95/202 Accepted: 15 Aug 1995  
Applicant: **Mr Rocky Anastasio**, Lancaster, VIC

**'Sophia's Gold'**  
Application No: 95/161 Accepted: 13 Jun 1995  
Applicant: **Victor John Stasey**, Stanhope, VIC

**PERENNIAL RYEGRASS**  
*Lolium perenne*



**'Camel'**

Application No: 95/180 Accepted: 11 Jul 1995  
 Applicant: **Valley Seeds Pty Ltd**, Alexandra, VIC

**POINSETTIA**

*Euphorbia pulcherrima*

**'268 Pink' syn. 'Celebrate 2 Pink'**

Application No: 95/168 Accepted: 16 Aug 1995  
 Applicant: **Paul Ecke Ranch**, Encinitas, California,  
 United States of America  
 Agent: **AJ Newport & Son Pty Ltd**, Winmalee, NSW

**'490 Marble' syn. 'Eckespoint Freedom Marble'**

Application No: 95/169 Accepted: 10 Jul 1995  
 Applicant: **Paul Ecke Ranch**, Encinitas, California,  
 United States of America  
 Agent: **AJ Newport & Son Pty Ltd**, Winmalee, NSW

**'490 White' syn. 'Eckespoint Freedom White'**

Application No: 95/167 Accepted: 7 Jul 1995  
 Applicant: **Paul Ecke Ranch**, Encinitas, California,  
 United States of America  
 Agent: **AJ Newport & Son Pty Ltd**, Winmalee, NSW

**'490' syn. 'Eckespoint Freedom'**

Application No: 95/170 Accepted: 10 Jul 1995  
 Applicant: **Paul Ecke Ranch**, Encinitas, California,  
 United States of America  
 Agent: **AJ Newport & Son Pty Ltd**, Winmalee, NSW

**POTATO**

*Solanum tuberosum*

**'Kestrel'**

Application No: 95/189 Accepted: 31 Jul 1995  
 Applicant: **Caithness Potato Breeders Ltd**, London,  
 United Kingdom  
 Agent: **LS & JL Eldridge, Bindaree Downs Seed Potato  
 Growers**, Cuthbert via Albany, WA

**'Proloog'**

Application No: 95/125 Accepted: 13 Jun 1995  
 Applicant: **Hettema Zonen Kweekbedrijf BV**,  
 Emeloord, The Netherlands  
 Agent: **Department of Primary Industries & Fisheries**,  
 Devonport, TAS

**'Remarka'**

Application No: 95/126 Accepted: 13 Jun 1995  
 Applicant: **Hettema Zonen Kweekbedrijf BV**,  
 Emeloord, The Netherlands  
 Agent: **Department of Primary Industries & Fisheries**,  
 Devonport, TAS

**'Valor'**

Application No: 95/191 Accepted: 31 Jul 1995  
 Applicant: **Caithness Potato Breeders Ltd**, London,  
 United Kingdom  
 Agent: **LS & JL Eldridge, Bindaree Downs Seed Potato  
 Growers**, Cuthbert via Albany, WA

**'Winston'**

Application No: 95/188 Accepted: 7 Aug 1995  
 Applicant: **Caithness Potato Breeders Ltd**, London,  
 United Kingdom  
 Agent: **LS & JL Eldridge, Bindaree Downs Seed Potato  
 Growers**, Cuthbert via Albany, WA

**ROSE**

*Rosa*

**'Ausbloom' syn. 'The Dark Lady'**

Application No: 95/146 Accepted: 19 Jun 1995  
 Applicant: **David Austin Roses**, Wolverhampton, United  
 Kingdom  
 Agent: **The Perfumed Garden**, Mt Eliza, VIC

**'Aussaucer' syn. 'Evelyn'**

Application No: 95/148 Accepted: 19 Jun 1995  
 Applicant: **David Austin Roses**, Wolverhampton, United  
 Kingdom  
 Agent: **The Perfumed Garden**, Mt Eliza, VIC

**'Auswalker' syn. 'The Pilgrim'**

Application No: 95/147 Accepted: 19 Jun 1995  
 Applicant: **David Austin Roses**, Wolverhampton, United  
 Kingdom  
 Agent: **The Perfumed Garden**, Mt Eliza, VIC

**'Sommermelodie' syn. 'Appleblossom'**

Application No: 95/100 Accepted: 28 Jun 1995  
 Applicant: **Werner Noack**, Gutersloh, Germany  
 Agent: **J Littlefield, Flower Carpet Pty Ltd**, Silvan, VIC

**RYEGRASS**

*Lolium hybrid*

**'Maverick' syn. 'CSLH931'**

Application No: 95/166 Accepted: 20 Jun 1995  
 Applicant: **Wrightson Seeds Limited**, Christchurch, New  
 Zealand  
 Agent: **Wrightson Seeds (Aust) Pty Ltd**, Seven Hills,  
 NSW

**SAFFLOWER**

*Carthamus tinctorius*

**'S-501'**

Application No: 95/195 Accepted: 7 Aug 1995  
 Applicant: **SeedTec International Inc**, Woodland,  
 California, United States of America  
 Agent: **Seedex Pty Ltd**, Bangalow, NSW

**SESAME**

*Sesamum indicum*

**'Edith' syn. 'Y1:44'**

Application No: 95/152 Accepted: 22 May 1995  
 Applicant: **Northern Territory Department of Primary  
 Industries & Fisheries**, Katherine, NT

**STRAWBERRY**

*Fragaria x ananassa*

**'Cartuno'**

Application No: 95/108 Accepted: 5 Jul 1995  
 Applicant: **Plantas De Navarra S.A. (PLANASA)**,  
 Valtierra (Navarra), Spain  
 Agent: **Nu-Plants Australia**, Rochedale, QLD

**'Kabarla' syn. '45/90'**

Application No: 95/192 Accepted: 31 Jul 1995  
 Applicant: **The State of Queensland through its  
 Department of Primary Industries**, Brisbane, QLD

**'Mianjin' syn. '86/90'**

Application No: 95/193 Accepted: 31 Jul 1995  
 Applicant: **The State of Queensland through its  
 Department of Primary Industries**, Brisbane, QLD

**SUBTERRANEAN CLOVER**

*Trifolium subterraneum* var *yanninicum*

**'Riverina' syn. '76Y51-31'**

Application No: 95/151 Accepted: 7 Jul 1995  
 Applicant: **Chief Executive Officer of NSW  
 Agriculture**, Orange, NSW

**WEeping FIG**

*Ficus benamina*

**'Curly'**

Application No: 95/144 Accepted: 13 Jun 1995  
 Applicant: **Wim v.d. Knaap**, De Lier, The Netherlands  
 Agent: **Oud's Amazone Trading Pty Ltd**, Federal, NSW

**DESCRIPTIONS**

The short description of candidate varieties for Plant Breeders Rights includes a precis of the applicant details, a list of the principal distinguishing characters and basic outline of the materials and methods used in development and testing.

Important characters that distinguish the candidate from similar varieties of common knowledge are, where possible, included in a comparative table. The description of less important characteristics is restricted to the text where each character is allotted one sentence, with the components of the character separated by semi colons and each sub component separated by a comma. Words used to describe the 'state of expression' of a character follow those outlined in the relevant Technical Guidelines published by the International Union for the Protection of New Varieties of Plants.

Where appropriate, statistics should be presented in a uniform manner to include the mean, standard deviation, Least Significant Difference and significance. Only probabilities where  $P \leq 0.01$  are accepted as significant.

Varieties are listed in alphabetical order under their common name.

A more detailed description is held by the Plant Breeders Rights office and is available upon request (also see Appendix 1).

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

*	=	variety(s) used as comparator(s)
Agent	=	Australian agent representing an application lodged from overseas
LSD	=	Least Significant Difference
LSD/sig.	=	The LSD at $P \leq 0.01$ 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)
syn.	=	synonym
UPOV	=	International Union for the Protection of New Varieties of Plants

**ALSTROEMERIA**

*Alstroemeria aurea*

**Notes on *Alstroemeria* Comparative Trials** The characteristics for the candidate varieties described below are from the Central Plant Breeders Rights test growing site in Wageningen, The Netherlands, and are conducted in accordance with UPOV technical guideline TG/29/6. The states of expression of characteristics are recorded relative to the example varieties grown in the same trial. Conditions: glasshouse; planted Oct; rows 40-50 cm apart; peat compost substrate at pH 5.5 - 6.0; temperatures 8 - 18°C; no supplementary lighting. Trial design: minimum of 4 single plant replicates of each variety. Measurements: random samples from 10 flower stems per variety.

To satisfy the requirements for the use of overseas data, the qualified person has identified the most similar varieties of common knowledge.

**'Aruba'**

Application No: 94/191 Accepted: 14 Aug 1995  
 Applicant: **Konst Alstroemeria BV**, Nieuwveen, The Netherlands  
 Agent: **Maxiflora Pty Ltd**, Monbulk, VIC.

**Description** (Table 1, Figure 1) Plant: tall, foliage cover sparse to medium. Leaf: recurved narrow elliptic. Flower: medium size, outer tepals obovate, base orange RHS 27A; inner lateral tepal apex red purple RHS 62B/C, centre and base yellow RHS 5A/B; inner median tepal apex red purple RHS 62B/C, base orange RHS 27A/B, few faint stripes. Stamen: filament spots absent.

**Origin** Induced mutation: irradiation of *Alstroemeria* 'Wilhelmina'. Breeder: Konst Alstroemeria, Nieuwveen, The Netherlands. Selection criteria: flower colour. Propagation: tissue culture.

**Comparative Trials** (see notes above). Most similar varieties of common knowledge: 'Stalvir', 'Stalsam'. In addition, the flower characteristics of both the candidate and comparators were confirmed using plants grown at Monbulk, VIC. Flowers were cut in bud, transported to Devon Meadows, VIC and placed in solution of 5% sugar and 1 ml/L chlorine bleach. Flowers assessed 5 days later. Trial design: several hundred plants under commercial

production conditions. Measurements: 5 random samples for each variety.

**Prior Applications and Sales** Applied for in The Netherlands, 1993. First sold The Netherlands 1993

Description: **David Nichols**, Devon Meadows, VIC

**Table 1 Alstroemeria Varieties**

	'Aruba'	*'Stalvir'	*'Stalsam'
<b>STEM</b>			
height	tall		
thickness	thin		
<b>LEAF</b>			
length	medium		
thickness	medium		
<b>INFLORESCENCE</b>			
length of umbels	medium		
pedicel length	short		
<b>FLOWER</b>			
main colour	light orange pink	pink	pink
spread of tepals	medium to large	medium	medium
<b>OUTER TEPAL</b>			
main colour	light orange pink	pink	pink
RHS	62B/C	55C	38A-39B
stripes	absent	present	absent
stripe number	nil	few	nil
<b>INNER LATERAL TEPAL</b>			
tepal shape	narrowly obovate	elliptic	narrowly obovate
number of stripes	few to medium	medium	medium
stripe thickness	small to medium	small	medium
<b>OTHER FLOWER CHARACTERISTICS</b>			
filament colour	red purple	light purple	salmon pink
anther colour	greyed orange RHS 166A	purple	green grey
style colour	green white changing to red/purple	light purple	purple pink
stigma colour	green white	light purple/pink	orange
spots on stigma	absent	present	present
anthocyanin in ovary	weak	weak/ medium	strong

### 'Java'

Application No: 94/192 Accepted: 14 Aug 1995

Applicant: **Konst Alstroemeria BV**, Nieuwveen, The Netherlands

Agent: **Maxiflora Pty Ltd**, Monbulk, VIC

**Description** (Table 2, Figure 2) Plant: foliage cover sparse to medium. Leaf: width medium, recurved narrow elliptic. Inflorescence: pedicel length medium. Flower: mainly pink; outer tepals at base orange RHS 27B; inner lateral tepal at apex red purple RHS 62A, inner median tepal at apex red purple RHS 62A, at base orange RHS 27B, stripes absent; stamen filament spots absent.

**Origin** Induced mutation: irradiation of *Alstroemeria* 'Wilhelmina', Nieuwveen, The Netherlands. Breeder: JWM Konst, Nieuwveen, The Netherlands. Selection criteria: flower colour. Propagation: tissue culture.

**Comparative Trials** (see notes above). Most similar varieties of common knowledge: 'Stalvir', 'Staronic'. In addition, the flower characteristics of both the candidate and comparators were confirmed using plants grown at Monbulk, VIC. Flowers were cut in bud, transported to Devon Meadows, VIC and placed in solution of 5% sugar and 1 ml/L chlorine bleach. Flowers assessed 5 days later. Trial design: several hundred plants under commercial production conditions. Measurements: 5 random samples for each variety.

**Prior Applications and Sales** Applied for in The Netherlands, 1993. First sold The Netherlands, 1994

Description: **David Nichols**, Devon Meadows, VIC

**Table 2 Alstroemeria Varieties**

	'Java'	*'Stalvir'	*'Staronic'
<b>STEM</b>			
height	medium		
thickness	thin		
<b>LEAF</b>			
length	medium		
thickness	medium		
<b>INFLORESCENCE</b>			
number of umbels	medium		
length of umbels	medium		
<b>FLOWER</b>			
size	medium	medium	large
spread of tepals	medium to large	medium	large
<b>OUTER TEPAL</b>			
shape	broad elliptic	obovate	broadly obovate
RHS	62C	55C	56B
stripes	occasional	present	present
stripe number	single	few	few

Table 2 *Alstroemeria* Varieties - continued

INNER LATERAL TEPAL			
tepal shape	narrowly obovate	elliptic	narrowly obovate
number of stripes	few to medium	medium	many
stripe thickness	medium	small	medium
yellow colour RHS	7A-B	12A-B	12A-B
OTHER FLOWER CHARACTERISTICS			
filament colour	pink	light purple	pink
anther colour	yellow green	purple	yellow green
style colour	green white changing to red purple	light purple	white with purple tips
stigma colour	green white	light purple pink	light purple
spots on stigma	absent	present	present
anthocyanin in ovary	weak	weak/medium	absent

**CAMELLIA***Camellia sasanqua***'Marge Miller'**

Application No: 95/015 Accepted: 31 Jan 1995

Applicant: **Clement Harold Truran**, Hornsby, NSWAgent: **Cowells Camellia Nursery**, NSW

**Description** (Table 3, Figure, 3) Plant: pendulous, spreading, autumn flowering camellia. Leaf: length 60mm, width 41mm, margin serrated, upper surface dark green RHS 147A and glossy; underside lighter green RHS 146A and dull. Flowers: large, outer petals light pink RHS 63C, centre petals small, number of true stamens 28, number of petaloid stamens 14. Other: tolerance to Dieback (*Glomerella cingulata*).

**Origin** Controlled pollination: 'Showa-no-Sakae' (seed parent) x 'unknown' (pollen parent). Breeder: Mr CH Truran, Hornsby, NSW. Selection criteria: flower form, plant habit, disease resistance. Propagation: vegetatively for several generations.

**Comparative Trial** Comparator: 'Showa-no-Sakae'. Location: Paradise Plants, Kulnura, NSW, 1993 - 1995. Conditions: plants raised from struck cuttings in commercial potting mix. Trial design: several hundred plants of each variety in randomised complete blocks. Measurements: 12 random samples from each variety

**Prior Applications and Sales** First sold Australia, 1994

Description : **John Robb**, Kulnura, NSWTable 3 *Camellia* Varieties

	'Marge Miller'	* 'Showa-no-Sakae'
PLANT GROWTH HABIT		
	pendulous	upright/spreading
LEAF SHAPE		
	broadly elliptic/round	elliptic
SHAPE OF LEAF APEX		
	cuspidate	acute/cuspidate
SHAPE OF LEAF BASE		
	cuneate/attenuate	cuneate/acute
FLOWER FORM (following the International Camellia Register)		
	loose-informal open peony	incomplete-irregular double with many petaloid stamens
MAIN FLOWER COLOUR (RHS)		
outer petal	63C	63C
inner petal	fading to 62C	63C
FLOWER DIAMETER (mm)		
mean	81.4	89.3
std deviation	7.70	4.60
LSD/sig.	6.46	P≤0.01
NO. OF PETALS PER FLOWER		
mean	23.8	13.4
std deviation	3.30	0.50
LSD/sig.	5.12	P≤0.01

**CANOLA***Brassica napus***'Oscar'**

Application No: 92/009 Accepted: 4 Mar 1992

Applicant: **New South Wales Agriculture**, Orange, NSWAgent: **Ag-Seed Research Pty Ltd**, Horsham, VIC

**Description** (Table 4, Figures 4 & 5) Plant: height medium 82cm; maturity medium. Seedlings: none or few hairs on first true leaf, cotyledons width average. Flowers: anther dotting variable; petals narrow; length:width ratio 2.47. Pods: narrow 2.5mm, length 49.2mm. Pedicel: short 17.7mm. Beak: average length 9.5mm. RAPD profile: consistent for three generations.

**Origin** Controlled pollination: 'Barossa' using modified pedigree breeding method. Breeders: N Wratten, RJ Mailer, Agricultural Research Institute, NSW Agriculture, Wagga Wagga, NSW. Selection criteria: yield, resistance to blackleg disease (*Leptosphaeria maculans*), standability, low glucosinolate content in the meal, zero erucic acid content in the oil. Propagation: seed.

**Comparative Trials** Comparators: 'Barossa', 'Yickadee', 'Eureka', 'Taparoo', 'Narendra'. Location: Plant Breeding Centre, Horsham, Jun 1991 - Dec 1994. Conditions: Glasshouse - potting mix of sand and pinebark supplemented with slow release fertilisers. Field - cracking grey clay soils supplemented with nitrogen and phosphorus fertilisers. Trial design: Glasshouse - seed trays, 3 replicates, completely randomised design. Field - 7m x 1m plots, 3 replicates, randomised complete block design. Measurements: 20 samples selected at random for each replicate for each variety.

#### Prior Application and Sales Nil

Description: Gururaj Kadkol, Ag-Seeds Research Pty Ltd, Horsham, VIC

#### DIGITARIA

*Digitaria milanjana*

#### 'Strickland'

Application No: 95/136 Accepted: 2 Apr 1995

Applicant: CSIRO, Division of Tropical Crops and Pastures, St Lucia, QLD

**Description** (Table 5, Figure 6) Plant: perennial stoloniferous, summer growing grass. Stem: medium. Leaf: narrow.

**Origin** Recurrent selection from P.I. 299792 collected from near Lake N'Gami, Botswana by AJ Oakes, USDA, Beltsville Maryland, United States of America. Breeders: R Strickland CSIRO Brisbane, QLD, TJ Hall QDPI, Roma QLD, AG Cameron NTDID, Darwin NT. Propagation: seed.

**Table 4 Canola varieties**

	'Oscar'	**Barossa'	**Yickadee'	**Eureka'	**Taparoo'	**Narendra'
<b>COTYLEDON WIDTH:LENGTH</b>						
mean	1.87	1.96	1.96	1.94	2.01	1.73
std deviation	0.180	0.195	0.223	0.196	0.185	0.155
LSD/sig.	0.130	ns	ns	ns	P≤0.01	P≤0.01
<b>HAIRS ON FIRST TRUE LEAF</b>						
absent	17	20	2	18	10	0
few	36	38	9	27	25	19
numerous	7	2	49	15	25	41
<b>PETAL LENGTH:WIDTH RATIO</b>						
mean	2.47	2.27	2.16	2.28	1.91	2.07
std deviation	0.272	0.252	0.202	0.260	0.188	0.192
LSD/sig.	0.173	P≤0.01	P≤0.01	P≤0.01	P≤0.01	P≤0.01
<b>ANTHER DOTTING</b>						
present	28	36	43	30	25	5
absent	32	24	17	30	35	55
<b>DAYS TO 50% FLOWERING</b>						
	112	111	110	110	101	101
<b>PLANT HEIGHT (cm)</b>						
mean	82.4	81.6	74.6	73.3	80.2	68.3
std deviation	7.60	9.61	7.43	8.39	7.00	9.50
LSD/sig.	12.3	ns	ns	ns	ns	P≤0.01
<b>SILIQUA LENGTH (mm)</b>						
mean	49.2	46.9	50.5	46.2	50.5	53.1
std deviation	3.93	4.55	4.83	4.93	5.23	4.91
LSD/sig.	2.77	ns	ns	P≤0.01	ns	P≤0.01
<b>BEAK LENGTH (mm)</b>						
mean	9.50	9.35	9.20	8.75	11.08	11.88
std deviation	1.56	1.77	1.59	2.19	2.04	1.77
LSD/sig.	1.611	ns	ns	ns	ns	P≤0.01



**Comparative trial** Comparator: 'Jarra'. Location: Lawes, south-eastern QLD, 1991 - 1995. Conditions: seedlings raised in a glasshouse then transplanted to the field; complete fertiliser (N,P,K) each November; supplementary irrigation as required to avoid severe stress; plants cut back spring and late summer. Trial design: 100 plants of each variety in a randomised complete block design with four replicates. Measurements: stem thickness was taken on the 4th youngest internode on the longest stolon in May 1995; maximum leaf width in Feb 1993.

**Prior Application and Sales** Nil

**Adaptation** Lighter textured soils in northern Australia, palatable and tolerant of heavy grazing.

Description: **BC Pengelly and JB Hacker, CSIRO, Division of Tropical Crops and Pastures, St Lucia, QLD**

**Table 5 *Digitaria milanjana* Varieties**

	'Strickland'	*'Jarra'
<b>STEM THICKNESS (mm)</b>		
mean	1.36	1.88
std deviation	0.18	0.24
LSD/sig.	0.21	P≤0.001
<b>LEAF WIDTH (mm)</b>		
mean	7.55	13.19
std deviation	1.60	1.32
LSD/sig.	0.60	P≤0.001

## GAURA

*Gaura lindheimeri*

### 'Corrie's Gold'

Application No: 93/211 Accepted: 24 Sep 1993  
Applicant: **The Beth Chatto Gardens Ltd**, Colchester, Essex, United Kingdom  
Agent: **Swane's Nursery Pty Ltd**, Dural, NSW

**Description** (Table 6, Figure 7) Plant: open spreading habit; height 508mm; width 290mm. Stem: greenish-red. Leaf: length 51.4mm; width 13.2mm; leaf variegated. Flower: width 36.4mm, length 18.4; stamens 8, anther reddish-purple; style length 18mm. Fruit length 9-10mm, red tinged.

**Origin** Spontaneous mutation: of *Gaura lindheimeri*, Colchester, Essex, United Kingdom. Breeder: Beth Chatto, Colchester, Essex, United Kingdom. Selection criteria: leaf variegation. Propagation: vegetative.

**Comparative trial** Comparators *Gaura lindheimeri*, 'Jo Adela'. Location: Swane Bros Pty Ltd, Dural, NSW, May 1994 - Oct 1994. Trial design: 20 single plant replicates of each variety; completely randomised. Measurements: 10 random samples from each variety.

**Prior applications and sales** First sold United Kingdom, 1993

### 'Jo Adela'

Application No: 93/210 Accepted: 24 Sep 1993  
Applicant: **The Beth Chatto Gardens Ltd**, Colchester, Essex, United Kingdom  
Agent: **Swane's Nursery Pty Ltd**, Dural, NSW

**Description** (Table 6, Figure 7) Plant: height 461mm, width 250mm. Stem: base dark red. Leaf: length 53.7mm, variegated midrib. Flower: stamens 8, anther reddish-purple; style length 18mm. Fruit length 9-10mm, red tinged.

**Origin** Spontaneous mutation: of *Gaura lindheimeri*, Colchester, Essex, United Kingdom. Breeder: Beth Chatto, Colchester, Essex, United Kingdom. Selection criteria: leaf variegation. Propagation: vegetative.

**Comparative Trial** Comparators: *Gaura lindheimeri*, 'Corries Gold' Location: Swane Bros Pty Ltd, Dural, NSW, May 1994 - Oct 1994. Trial design: 20 single plant replicates of each variety; completely randomised. Measurements: 10 random samples from each variety.

**Prior applications and sales** First sold United Kingdom, 1993

**Table 6 *Gaura* Varieties**

(Table includes multiple candidate varieties)

	*'Jo Adela'	*'Corries Gold'	' <i>G. lindheimeri</i> '
<b>LEAF SHAPE</b>			
	lanceolate to oblanceolate	lanceolate	lanceolate to oblanceolate
<b>LEAF MARGIN</b>			
	very undulating	undulating	undulating
<b>LEAF COLOUR (RHS)</b>			
	greyed green group 189A	greyed green group 189A	greyed green group 189A mid vein lighter green
<b>LEAF VARIEGATION (RHS)</b>			
	138B	184B and 194B margin 12D-13D	none
<b>PETAL COLOUR (RHS)</b>			
	white 155D 56C-56D tinge	white 155D 56C-56D tinge	white 155D
<b>STEM BASE COLOUR/RHS</b>			
	strong red 45B tinge	slight red tinge	absent

**IMPATIENS***Impatiens* hybrid**'Celebration Bright Coral'**

Application No: 94/117 Accepted: 16 May 1994

Applicant: **Ball FloraPlant**, Illinois, United States of AmericaAgent: **AJ Newport & Son Pty Ltd**, Winmalee, NSW

**Description** (Table 7, Figure 8) Plant: height medium 261mm, width narrow, continuously flowering habit. Leaf: length long, width broad. Flower: single; eye zone absent; secondary petal colouration absent.

**Origin** Controlled pollination: 'Diane' (United States of America patent #6683) x proprietary breeding line N2298-1, Cartago, Costa Rica, 1990. Breeder: Mario Guillen, Linda Vista, Cartago, Costa Rica. Selection criteria: plant habit, foliage colour, flower size, flower colour. Propagation: vegetative.

**Comparative Trials** Comparator: 'Argus'. Location: AJ Newport and Son, Winmalee, NSW, Mar 1995 - May 1995. Conditions: rooted cuttings in commercial potting mix in 150mm pots; weekly liquid nutrients. Trial design: three randomised rows of 12 plants of each variety. Measurements: 36 samples for each variety.

**Prior Application and Sales** United States of America plant patent application no: 00 2259-017, 1993. First sold United States of America, 1993

Description: **B Sidebottom and TP Angus, AJ Newport & Son Pty Limited**, Winmalee, NSW

**Table 7 Impatiens Varieties**

	'Celebration Bright Coral'	**'Argus'
<b>PLANT WIDTH (mm)</b>		
mean	269	348
std deviation	76.75	45.82
LSD/sig.	39.6	P<0.01
<b>LEAF LENGTH (mm)</b>		
mean	169.8	126.1
std deviation	12.54	12.41
LSD/sig.	7.8	P<0.01
<b>LEAF WIDTH (mm)</b>		
mean	53.4	48.3
std deviation	4.33	4.62
LSD/sig.	2.8	P<0.01
<b>LEAF COLOUR (RHS)</b>		
	green 147A	green 137A
<b>LEAF MARKING (RHS)</b>		
	absent	yellow/green 151B

Table 7 Impatiens Varieties - continued

<b>FLOWER DIAMETER (mm)</b>		
mean	74.1	68.7
std deviation	3.04	3.04
LSD/sig.	1.9	P<0.01

**'Celebration Cherry Star'**

Application No: 94/115 Accepted: 16 May 1994

Applicant: **Ball FloraPlant**, Illinois, United States of AmericaAgent: **AJ Newport & Son Pty Ltd**, Winmalee, NSW

**Description** (Table 8, Figure 9) Plant: medium height 233mm, medium width 294mm, continuously flowering habit. Leaf: length medium, width narrow. Flower: single; size medium large 63.4mm; flower eye zone absent.

**Origin** Controlled pollination: proprietary breeding lines N1752-2 x N1576-1, Cartago, Costa Rica, 1990. Breeder: Mario Guillen, Linda Vista, Cartago, Costa Rica. Selection criteria: plant habit, foliage colour, flower size, flower colour. Propagation: vegetative.

**Comparative Trials** Comparator: 'Vulcain'. Location: AJ Newport & Son, Winmalee, NSW, Mar 1995 - May 1995. Conditions: rooted cuttings in commercial potting mix in 150mm pots; weekly liquid nutrients. Trial design: three randomised rows of 12 plants of each variety. Measurements: 36 samples for each variety.

**Prior Applications and Sales** United States of America plant patent application no: 824,776, 1992. First sold United States of America, 1991

Description: **B Sidebottom and TP Angus, AJ Newport & Son Pty Ltd**, Winmalee, NSW

**Table 8 Impatiens Varieties**

	'Celebration Cherry Star'	**'Vulcain'
<b>LEAF LENGTH (mm)</b>		
mean	139.8	129.4
std deviation	12.47	11.31
LSD/sig.	7.4	P<0.01
<b>LEAF WIDTH (mm)</b>		
mean	38.1	41.3
std deviation	3.42	3.70
LSD/sig.	2.2	P<0.01
<b>LEAF COLOUR (RHS)</b>		
	green darker than 147A	green much darker than 147A
<b>LEAF MARKINGS (RHS)</b>		
	absent	yellow or orange-red 12A, 30C

Table 8 Impatiens Varieties - continued

FLOWER COLOUR (RHS)		
primary	red 41A	red/purple 65D
secondary	red 52D	red/purple 62D

**‘Celebration Hot Pink’**

Application No: 94/112 Accepted: 16 May 1994  
 Applicant: **Ball FloraPlant**, Illinois, United States of America  
 Agent: **AJ Newport & Son Pty Ltd**, Winmalee, NSW

**Description** (Table 9, Figure 10) Plant: tall, width broad 403mm, continuously flowering habit. Leaf: length medium; width broad. Flower: single; eye zone absent; secondary petal colouration absent.

**Origin** Controlled pollination: unknown proprietary breeding lines of Geo J Ball Inc, Cartago, Costa Rica. Breeder: Mario Guillen, Linda Vista, Cartago, Costa Rica. Selection criteria: plant habit, foliage colour, flower size, flower colour. Propagation: vegetative.

**Comparative Trials** Comparators: ‘Arctia’, ‘Argus’. Location: AJ Newport and Son, Winmalee, NSW, Mar 1995 - May 1995. Conditions: rooted cuttings in commercial potting mix in 150mm pots; weekly liquid nutrients. Trial design: three randomised rows of 12 plants of each variety. Measurements: 36 samples for each variety.

**Prior Application and Sales** United States of America plant patent application no: 531,547, 1990. First sold United States of America, 1991

Description: **B Sidebottom and TP Angus, AJ Newport & Son Pty Limited**, Winmalee, NSW

Table 9 Impatiens Varieties - continued

LEAF MARKING (RHS)			
	yellow 6C	yellow 7D	yellow/green 151B
FLOWER DIAMETER (mm)			
mean	62.9	65.9	68.7
std deviation	2.42	3.45	3.04
LSD/sig.	3.27	ns	P≤0.01
FLOWER COLOUR (RHS)			
	red purple 58B	red purple 57B	red 45C,46C

**‘Celebration Pure White’**

Application No: 94/113 Accepted: 16 May 1994  
 Applicant: **Ball FloraPlant**, Illinois, United States of America  
 Agent: **AJ Newport & Son Pty Ltd**, Winmalee, NSW

**Description** (Table 10, Figure 11) Plant: short 174mm, width medium 293mm Leaf: length medium, width medium; green RHS 137A, leaf markings absent. Flower: single; petals white RHS 155D, secondary flower colour absent, flower eye zone absent.

**Origin** Controlled pollination: ‘Milkyway’ (United States of America patent #525) x proprietary breeding line N1502-1, Cartago, Costa Rica, 1988. Breeder: Mario Guillen, Linda Vista, Cartago, Costa Rica. Selection criteria: plant habit, foliage colour, flower size, flower colour. Propagation: vegetative.

**Comparative Trials** Comparator: ‘Jasius’. Location: AJ Newport and Son, Winmalee, NSW, Mar 1995 - May 1995. Conditions: rooted cuttings in commercial potting mix in 150mm pots; weekly liquid nutrients. Trial design: three randomised rows of 12 plants of each variety. Measurements: 36 samples for each variety.

**Prior Application and Sales** United States of America plant patent application no: 917,274, 1992. First sold United States of America, 1992

Description: **B Sidebottom and TP Angus, AJ Newport & Son Pty Limited**, Winmalee, NSW

**Table 9 Impatiens Varieties**

	‘Celebration Hot Pink’	*‘Arctia’	*‘Argus’
PLANT HEIGHT (mm)			
mean	323	273	249
std deviation	30.9	32.4	22.5
LSD/sig.	30.3	P≤0.01	P≤0.01
LEAF LENGTH (mm)			
mean	158.6	149.1	126.1
std deviation	14.37	17.62	12.41
LSD/sig.	18.29	ns	P≤0.01
LEAF WIDTH (mm)			
mean	57.0	55.1	48.3
std deviation	4.77	4.54	4.62
LSD/sig.	5.23	ns	P≤0.01
LEAF COLOUR (RHS)			
	green 147A	green 147A	green 137B

**Table 10 Impatiens Varieties**

	‘Celebration Pure White’	*‘Jasius’
LEAF LENGTH (mm)		
mean	145.8	179.6
std deviation	16.66	22.35
LSD/sig.	12.4	P≤0.01
LEAF WIDTH (mm)		
mean	45.8	42.2
std deviation	4.09	3.14
LSD/sig.	2.3	P≤0.01

Table 10 Impatiens Varieties - continued

FLOWER DIAMETER (mm)		
mean	65.6	61.3
std deviation	3.29	2.65
LSD/sig.	1.8	P≤0.01

**'Celebration Salmon'**

Application No: 94/111 Accepted: 16 May, 1994

Applicant: **Ball FloraPlant**, Illinois, United States of AmericaAgent: **AJ Newport & Son Pty Ltd**, Winmalee, NSW

**Description** (Table 11, Figure 12) Plant: short, width medium 271mm, continuously flowering habit. Leaf: long, broad. Flower: single; eye zone absent; secondary petal colouration absent.

**Origin** Controlled pollination: proprietary breeding lines BFP-67 x BFP-10, Arroyo Grande, California, United States of America, 1990. Breeder: Scott Trees, Ball FloraPlant breeding station, Arroyo Grande, California, United States of America. Selection criteria: plant habit, foliage colour, flower size, flower colour. Commercial propagation: cuttings.

**Comparative Trials** Comparator: 'Charade'. Location: AJ Newport and Son, Winmalee, NSW. Conditions: rooted cuttings in commercial potting mix in 150mm pots; weekly liquid nutrients. Trial design: three randomised rows of 12 plants of each variety. Measurements: 36 samples for each variety.

**Prior Application and Sales** United States of America plant patent application no: 002259-016, 1993. First sold United States of America, 1993

Description: **B Sidebottom and TP Angus, AJ Newport & Son Pty Limited**, Winmalee, NSW

Table 11 Impatiens Varieties

	'Celebration Salmon'	*'Charade'
PLANT HEIGHT (mm)		
mean	151	224
std deviation	34.80	32.35
LSD/sig.	21.1	P≤0.01
LEAF LENGTH (mm)		
mean	178.8	152.0
std deviation	28.50	15.61
LSD/sig.	14.3	P≤0.01
LEAF WIDTH (mm)		
mean	51.1	44.1
std deviation	3.89	3.8
LSD/sig.	2.4	P≤0.01

Table 11 Impatiens Varieties - continued

LEAF COLOUR (RHS)		
	green	green
	147A	darker than 147A
LEAF MARKING (RHS)		
	yellow/green	yellow
	153D	9C
FLOWER DIAMETER (mm)		
mean	69.5	61.0
std deviation	3.12	4.04
LSD/sig.	2.2	P≤0.01
FLOWER COLOUR (RHS)		
	red	red
	43B	40A

**KANGAROO PAW***Anigozanthos* hybrid**'Bush Ember'**

Application No: 94/065 Accepted: 4 Mar 1994

Applicant: **Biotech Plants Pty Ltd**, Somersby, NSW

**Description** (Table 12, Figure 13) Plant: growth habit upright; compact; height medium; remontant; perennial herb. Leaf: width 11mm; green; glabrous. Inflorescence: primary branching of flower stem present; mainly one-sided unbranched racemes. Flower: perianth tube width 24mm, flaring distally, length of split to ovary 10.8; perianth tube/ovary base colour yellow-green RHS 144B, perianth tube hairs greyed-purple RHS 187C with heavy density, ovary hairs greyed-purple RHS 187C on outer layer, yellow-orange RHS 14C on inner layer with heavy density; peduncle green RHS 143A with hairs greyed-purple RHS 187A; anthers in three lateral rows; stigma above anthers; style above anthers.

**Origin** Spontaneous mutation: 'Bush Ranger', Somersby, NSW, 1992. Breeders: Angus Stewart, Narara, NSW and Paul Shales Kanwal, NSW. Selection criteria: free flowering, compact growth habit and desirable flower colour. Propagation: micro-propagation for more than 5 generations.

**Comparative Trials** Comparators: 'Bush Illusion', 'Bush Twilight', 'Bush Ranger'. Location: Biotech Plants, Somersby, NSW, Dec 1994 - Jun 1995. Conditions: 140mm pot; standard potting mix with slow release nutrients; open beds. Trial design: 20 single plant replicates of each variety; completely randomised design. Measurements: 10 random samples from each variety.

**Prior Applications and Sales** First sold in Australia, 1994

Description: **Ian Paananen, Biotech Plants Pty Ltd**, Somersby, NSW

**Table 12 *Anigozanthos* Varieties**

	'Bush Ember'	*'Bush Illusion'	*'Bush Twilight'	*'Bush Ranger'
<b>PLANT HEIGHT (mm)</b>				
mean	266.6	254.1	198.9	243.3
std deviation	21.8	27.7	21.7	40.4
LSD/sig.	41.37	ns	P≤0.01	ns
<b>LEAF LENGTH (mm)</b>				
mean	197.1	220.8	162.2	203.2
std deviation	23.6	17.4	20.0	16.2
LSD/sig.	26.19	ns	P≤0.01	ns
<b>FLOWER STEMS PER PLANT</b>				
mean	10.1	9.7	13.7	9.1
std deviation	2.2	1.9	3.2	2.8
LSD/sig.	2.78	ns	P≤0.01	ns
<b>BRANCHING OF FLOWER STEMS</b>				
mean	3.7	4.1	0.70	4.4
std deviation	0.48	0.57	0.67	0.52
LSD/sig.	0.85	ns	P≤0.01	ns
<b>INFLORESCENCES PER PLANT</b>				
mean	30.6	35.3	11.2	41.9
std deviation	5.8	7.7	2.0	6.8
LSD/sig.	7.60	ns	P≤0.01	P≤0.01
<b>FLOWER NO. PER INFLORESCENCE</b>				
mean	12.1	13.0	15.4	13.0
std deviation	2.3	1.8	2.6	1.6
LSD/sig.	2.98	ns	P≤0.01	ns
<b>PERIANTH TUBE LENGTH (mm)</b>				
mean	29.1	32.9	42.9	29.5
std deviation	4.3	1.4	3.1	2.8
LSD/sig.	3.08	P≤0.01	P≤0.01	ns
<b>PEDUNCLE LENGTH AT FIRST ANTHESIS (mm)</b>				
mean	415.5	478.2	312.6	451.6
std deviation	45.0	51.8	39.8	50.9
LSD/sig.	67.26	ns	P≤0.01	ns
<b>LEAF CURVATURE</b>				
	arching	partially arching	arching	partially arching
<b>LEAF MARGIN</b>				
	slightly pubescent	slightly pubescent	pubescent	very slightly pubescent
<b>FLOWER (RHS)</b>				
colour of tube pubescence	187C	187C	187A	187B
colour of perianth tube	144B	144B	144B	144A
colour of ovary	144B	144B	144B	144A

Table 12 *Anigozanthos* Varieties - continued

<b>OVARY PUBESCENCE COLOUR (RHS)</b>				
outer	187C	187C	187A	187B
inner	14C	11C	14C	11D
<b>DENSITY OF PUBESCENCE</b>				
	heavy on tube and ovary	light on tube, medium on ovary	light on tube, heavier on ovary	heavy on tube and ovary
<b>PERIANTH LOBE REFLECTURE</b>				
	half reflexed	half reflexed	fully reflexed	half reflexed
<b>COLOUR OF PEDUNCLE (RHS)</b>				
	143A	137C	143A	137C

**'Bush Heritage'**

Application No: 94/063 Accepted: 4 Mar 1994

Applicant: **Biotech Plants Pty Ltd**, Somersby, NSW

**Description** (Table 13, Figure 13) Plant: upright; compact; height medium 235 mm; remontant; perennial herb. Leaf: width 10mm, green; glabrous; pubescent margins. Inflorescence: primary branching of flower stem present, average 11 stems per plant; one to two-sided unbranched racemes. Flower: perianth tube width 26mm, flaring distally, perianth tube/ovary base colour yellow-green RHS 144A, perianth tube hairs greyed-purple RHS 187A with heavy density, ovary hairs greyed-purple RHS 187A on outer layer, yellow-orange RHS 14D on inner layer with heavy density; peduncle green RHS 143A with hairs greyed-purple RHS 187A; anthers in three lateral rows.

**Origin** Controlled pollination: 'Bush Ranger' (polyploid) (seed parent) by 'Bounty' (pollen parent), 1991. Breeder: Angus Stewart, Narara, NSW. Selection criteria: free flowering, compact growth habit and desirable flower colour. Propagation: micro-propagation for more than 5 generations.

**Comparative Trials** Comparator: 'Bush Ranger'. Location: Biotech Plants, Somersby, NSW, Dec 1994 - Jun 1995. Conditions: 140mm pot; standard potting mix with slow release nutrients; open beds. Trial design: 20 single plant replicates of each variety; completely randomised design. Measurements: 10 random samples from each variety.

**Prior Applications and Sales** First sold in Australia, 1994

Description: **Ian Paananen, Biotech Plants Pty Ltd**, Somersby, NSW



**Table 13 *Anigozanthos* Varieties**

	'Bush Heritage'	**'Bush Ranger'
<b>LEAF LENGTH (mm)</b>		
mean	157.5	203.2
std deviation	23.7	16.2
LSD/sig.	26.19	P≤0.01
<b>BRANCHING OF FLOWER STEMS</b>		
mean	1.5	4.4
std deviation	0.71	0.52
LSD/sig.	0.85	P≤0.01
<b>INFLORESCENCES PER PLANT</b>		
mean	10.1	41.9
std deviation	2.3	6.8
LSD/sig.	7.60	P≤0.01
<b>FLOWER NO. PER INFLORESCENCE</b>		
mean	16.9	13.0
std deviation	4.0	1.6
LSD/sig.	2.98	P≤0.01
<b>PERIANTH TUBE LENGTH (mm)</b>		
mean	43.3	29.5
std deviation	2.0	2.8
LSD/sig.	3.08	P≤0.01
<b>PERIANTH SPLIT TO OVARY (mm)</b>		
mean	5.2	11.0
std deviation	1.6	1.2
LSD/sig.	1.93	P≤0.01
<b>STYLE BEYOND ANTHEAS (mm)</b>		
mean	0	2.15
std deviation	0	0.5
LSD/sig.	0.55	P≤0.01
<b>PEDUNCLE LENGTH (mm)</b>		
mean	266.1	451.6
std deviation	39.9	50.9
LSD/sig.	67.26	P≤0.01
<b>LEAF CURVATURE</b>		
	arching	partially arching
<b>LEAF MARGIN</b>		
	pubescent	very slightly pubescent
<b>FLOWER (RHS)</b>		
colour of tube	187A	187B
colour of perianth tube	144A	144A
colour of ovary	144A	144A
<b>OVARY PUBESCENCE COLOUR (RHS)</b>		
outer	187A	187B
inner	14D	11D
<b>PERIANTH LOBE REFLECTURE</b>		
	fully reflexed	half reflexed

Table 13 *Anigozanthos* Varieties - continued**STIGMA POSITION TO ANTHEAS**

level above

**COLOUR OF PEDUNCLE (RHS)**

143A 137C

**'Bush Ochre'**

Application No: 94/062 Accepted: 4 Mar 1994

Applicant: **Biotech Plants Pty Ltd**, Somersby, NSW

**Description** (Table 14, Figure 13) Plant: growth habit upright; compact; height medium; remontant; perennial herb. Leaf: green; glabrous; slightly pubescent margins. Inflorescence: primary branching of flower stem present; flowers/inflorescence 15.7; one to two-sided unbranched racemes. Flower: perianth tube flaring distally, perianth tube/ovary base colour yellow-green RHS 144A/RHS 145B. perianth tube hairs greyed-purple RHS 187B with light density, ovary hairs greyed-purple RHS 187B on outer layer, yellow RHS 11C on inner layer with heavier density; peduncle green RHS 143A with hairs greyed-purple RHS 187A; anthers in three lateral rows.

**Origin** Controlled pollination: 'Bush Ranger' (polyploid) (seed parent) by 'Bush Nugget' (pollen parent), 1991. Breeder: Angus Stewart, Narara, NSW. Selection criteria: free flowering, compact growth habit, vigour and desirable flower colour. Propagation: micro-propagation for more than 5 generations.

**Comparative Trials** Comparator: 'Bush Glow', 'Bush Nugget', 'Bush Ranger'. Location: Biotech Plants, Somersby, NSW. Dec 1994 - Jun 1995. Conditions: 140mm pot; standard potting mix with slow release nutrients; open beds. Trial design: 20 single plant replicates of each variety; completely randomised design. Measurements: 10 random samples from each variety.

**Prior Applications and Sales** First sold in Australia, 1994

Description: **Ian Paananen, Biotech Plants Pty Ltd**, Somersby, NSW

**Table 14 *Anigozanthos* Varieties**

	'Bush Ochre'	**'Bush Glow'	**'Bush Nugget'	**'Bush Ranger'
<b>PLANT HEIGHT (mm)</b>				
mean	315.0	382.4	295.0	243.3
std deviation	48.2	50.8	26.0	40.4
LSD/sig.	41.37	P≤0.01	ns	P≤0.01
<b>LEAF LENGTH (mm)</b>				
mean	217.1	271.9	242.8	203.2
std deviation	30.9	27.8	17.1	16.2
LSD/sig.	26.19	P≤0.01	ns	ns

significance

Table 14 *Anigozanthos* Varieties - continued

<b>LEAF WIDTH (mm)</b>				
mean	12.6	17.4	18.6	11.7
std deviation	2.4	1.4	1.2	1.2
LSD/sig.	1.95	P≤0.01	P≤0.01	ns
<b>FLOWER STEMS PER PLANT</b>				
mean	7.2	2.4	6.0	9.1
std deviation	1.7	1.5	1.3	2.8
LSD/sig.	2.78	P≤0.01	ns	ns
<b>BRANCHING OF FLOWER STEMS</b>				
mean	4.2	3.5	2.5	4.4
std deviation	0.63	0.97	0.71	0.52
LSD/sig.	0.85	ns	P≤0.01	ns
<b>INFLORESCENCE PER PLANT</b>				
mean	15.6	13.3	7.5	41.9
std deviation	6.8	10.3	3.3	6.8
LSD/sig.	7.60	ns	P≤0.01	P≤0.01
<b>PERIANTH TUBE LENGTH (mm)</b>				
mean	41.7	30.0	39.2	29.5
std deviation	1.2	2.1	2.6	2.8
LSD/sig.	3.08	P≤0.01	ns	P≤0.01
<b>PERIANTH TUBE WIDTH (mm)</b>				
mean	25.1	13.1	23.2	22.7
std deviation	3.4	2.9	3.9	3.0
LSD/sig.	4.38	P≤0.01	ns	ns
<b>PERIANTH SPLIT TO OVARY (mm)</b>				
mean	12.2	9.6	9.1	11.0
std deviation	2.5	1.3	1.4	1.2
LSD/sig.	1.93	P≤0.01	P≤0.01	ns
<b>STYLE BEYOND ANTHERS (mm)</b>				
mean	0	0	0	2.15
std deviation	0	0	0	0.5
LSD/sig.	0.55	ns	ns	P≤0.01
<b>PEDUNCLE LENGTH (mm)</b>				
mean	411.6	786.2	473.8	451.6
std deviation	39.5	106.6	66.9	50.9
LSD/sig.	67.26	P≤0.01	ns	ns
<b>LEAF CURVATURE</b>				
	upright	upright	arching	partially arching
<b>LEAF MARGIN</b>				
	slightly pubescent	slightly pubescent	pubescent	very slightly pubescent
<b>FLOWER (RHS )</b>				
colour of tube pubescence	187B	187A tips with 15D bases	15D with intermittent 187C lobes tipped 187C	187B

Table 14 *Anigozanthos* Varieties - continued

<b>colour of perianth tube</b>				
	144A	144B	144A	144A
<b>colour of ovary</b>				
	145B	144B	144A	144A
<b>OVARY PUBESCENCE COLOUR (RHS)</b>				
outer	187B	187A	as for	187B
inner	11C	15D	perianth but denser	11D
<b>DENSITY OF PUBESCENCE</b>				
	light on tube, heavier on ovary	light on tube, heavier on ovary	medium on tube, heavy on ovary	heavy on tube and ovary
<b>PERIANTH LOBE REFLECTURE</b>				
	half reflexed	straight to 1/4 reflexed	half to fully reflexed	half reflexed
<b>STIGMA POSITION TO ANTHERS</b>				
	level	level	level	above
<b>COLOUR OF PEDUNCLE (RHS)</b>				
	143A	137C	143A	137C

**'Bush Splendour'**

Application No: 94 061 Accepted: 4 Mar 1994

Applicant: **Biotech Plants Pty Ltd**, Somersby, NSW

**Description** (Table 15, Figure 13) Plant: upright; compact; height medium 279mm; remontant; perennial herb. Leaf: green; glabrous; slightly pubescent margins; width 10mm. Inflorescence: primary branching of flower stem present, flowers/inflorescence 11.7; mainly one-sided unbranched racemes. Flower: perianth tube, length 31mm, width 21mm, flaring distally, lobes half reflexed, tube splits 10.8mm from ovary; perianth tube/ovary base colour green RHS 143B, perianth tube hairs greyed-purple RHS 187B with medium density, ovary hairs greyed-purple RHS 187A on outer layer (dense), orange-white RHS 159D on inner layer (thin, not visible) with medium density; peduncle green RHS 143A with hairs greyed-purple RHS 187A; anthers in three lateral rows; stigma above anthers.

**Origin** Spontaneous mutation: 'Bush Ranger', 1992. Breeders: Angus Stewart of Narara, NSW and Paul Shales Kanwal, NSW. Selection criteria: free flowering, compact growth habit and desirable flower colour. Propagation: micro-propagation for more than 5 generations.

**Comparative Trial** Comparator: 'Bush Ranger'. Location: Biotech Plants, Somersby, NSW, Dec 1994 - Jun 1995. Conditions: 140mm pot; standard potting mix with slow release nutrients; open beds. Trial design: 20 single plant replicates of each variety; completely randomised design. Measurements: 10 random samples from each variety.

**Prior Applications and Sales** First sold in Australia, 1994

Description: **Ian Paananen, Biotech Plants Pty Ltd, Somersby, NSW**

**Table 15 *Anigozanthos* Varieties**

	'Bush Splendour'	**'Bush Ranger'
<b>LEAF LENGTH (mm)</b>		
mean	156.8	203.2
std deviation	16.1	16.2
LSD/sig.	26.19	P≤0.01
<b>FLOWER STEMS PER PLANT</b>		
mean	13.9	9.1
std deviation	3.3	2.8
LSD/sig.	2.78	P≤0.01
<b>INFLORESCENCES PER PLANT</b>		
mean	20.9	41.9
std deviation	7.6	6.8
LSD/sig.	7.60	P≤0.01
<b>STYLE BEYOND ANTHEAS (mm)</b>		
mean	2.7	2.15
std deviation	0.6	0.5
LSD/sig.	0.55	P≤0.01
<b>PEDUNCLE LENGTH (mm)</b>		
mean	263.9	451.6
std deviation	30.1	50.9
LSD/sig.	67.26	P≤0.01
<b>LEAF CURVATURE</b>		
	upright	partially upright
<b>LEAF MARGIN</b>		
	slightly pubescent	very slightly pubescent
<b>FLOWER (RHS)</b>		
colour of tube pubescence	187B	187B
colour of perianth tube	143B	144A
colour of ovary	143B	144A
<b>OVARY PUBESCENCE COLOUR (RHS)</b>		
outer	187A (dense)	187B
inner	159D (thin, not visible)	11D
<b>DENSITY OF PUBESCENCE</b>		
	medium on tube and ovary	heavy on tube and ovary
<b>COLOUR OF PEDUNCLE (RHS)</b>		
	143A	137C

### 'Bush Twilight'

Application No: 94/066 Accepted: 4 Mar 1994

Applicant: **Biotech Plants Pty Ltd, Somersby, NSW**

**Description** (Table 16, Figure 13) Plant: upright; compact; height medium; remontant; perennial herb. Leaf: green; glabrous; pubescent margins. Inflorescence: primary branching of flower stem present, mainly one-sided unbranched racemes. Flower: width 24mm, flaring distally, perianth tube/ovary base colour yellow-green RHS 144B, perianth tube hairs greyed-purple RHS 187A with light density, ovary hairs greyed-purple RHS 187A on outer layer, yellow-orange RHS 14C on inner layer with heavier density; peduncle green RHS 143A with hairs greyed-purple RHS 187A; anthers in three lateral rows; stigma above anthers.

**Origin** Controlled pollination: 'Bush Ranger' (polyploid) (seed parent) by *A. humilis* (polyploid) (pollen parent), 1991. Breeder: Angus Stewart, Narara, NSW. Selection criteria: free flowering, compact growth habit and desirable flower colour. Propagation: micro-propagation for more than 5 generations.

**Comparative Trials** Comparators: 'Bush Heritage', 'Bush Ember', 'Bush Ranger'. Location: Biotech Plants, Somersby, NSW, Dec 1994 - Jun 1995. Conditions: 140mm pot; standard potting mix with slow release nutrients; open beds. Trial design: 20 single plant replicates of each variety; completely randomised design. Measurements: 10 random samples from each variety.

**Prior Applications and Sales** First sold Australia, 1994

Description: **Ian Paananen, Biotech Plants Pty Ltd, Somersby, NSW**

**Table 16 *Anigozanthos* Varieties**

	'Bush Twilight'	**'Bush Heritage'	**'Bush Ember'	**'Bush Ranger'
<b>PLANT HEIGHT (mm)</b>				
mean	198.9	234.7	266.6	243.3
std deviation	21.7	33.9	21.8	40.4
LSD/sig.	41.37	ns	P≤0.01	P≤0.01
<b>LEAF LENGTH (mm)</b>				
mean	162.2	157.5	197.1	203.2
std deviation	20.0	23.7	23.6	16.2
LSD/sig.	26.19	ns	P≤0.01	P≤0.01
<b>LEAF WIDTH (mm)</b>				
mean	12.1	10.1	11.2	11.7
std deviation	2.5	1.4	0.8	1.2
LSD/sig.	1.95	P≤0.01	ns	ns
<b>FLOWER STEMS PER PLANT</b>				
mean	13.7	11.7	10.1	9.1
std deviation	3.2	2.3	2.2	2.8
LSD/sig.	2.78	ns	P≤0.01	P≤0.01

Table 16 *Anigozanthos* Varieties - continued

BRANCHING OF FLOWER STEMS				
mean	0.70	1.5	3.7	4.4
std deviation	0.67	0.71	0.48	0.52
LSD/sig.	0.85	ns	P≤0.01	P≤0.01
INFLORESCENCES PER PLANT				
mean	11.2	10.1	30.6	41.9
std deviation	2.0	2.3	5.8	6.8
LSD/sig.	7.60	ns	P≤0.01	P≤0.01
FLOWER NO. PER INFLORESCENCE				
mean	15.4	16.9	12.1	13.0
std deviation	2.6	4.0	2.3	1.6
LSD/sig.	2.98	ns	P≤0.01	ns
PERIANTH TUBE LENGTH (mm)				
mean	42.9	43.3	29.1	29.5
std deviation	3.1	2.0	4.3	2.8
LSD/sig.	3.08	ns	P≤0.01	P≤0.01
PERIANTH SPLIT TO OVARY (mm)				
mean	9.2	5.2	10.8	11.0
std deviation	1.9	1.6	1.1	1.2
LSD/sig.	1.93	P≤0.01	ns	ns
STYLE BEYOND ANTHERS (mm)				
mean	2.45	0	2.20	2.15
std deviation	0.6	0	0.5	0.5
LSD/sig.	0.55	P≤0.01	ns	ns
PEDUNCLE LENGTH (mm)				
mean	312.6	266.1	415.5	451.6
std deviation	39.8	39.9	45.0	50.9
LSD/sig.	67.26	ns	P≤0.01	P≤0.01
LEAF CURVATURE				
	arching	arching	arching	partially arching
LEAF MARGIN				
	pubescent	pubescent	slightly pubescent	very slightly pubescent
FLOWER (RHS)				
colour of tube pubescence	187A	187A	187C	187B
colour of perianth tube	144B	144A	144B	144A
colour of ovary	144B	144A	144B	144A
OVARY PUBESCENCE COLOUR (RHS)				
outer	187A	187A	187C	187B
inner	14C	14D	14C	11D
DENSITY OF PUBESCENCE				
	light on tube, heavier on ovary (RHS 14C) more prominent	heavy on tube and ovary	heavy on tube and ovary	heavy on tube and ovary

Table 16 *Anigozanthos* Varieties - continued

PERIANTH LOBE REFLECTURE				
	Fully reflexed	Fully reflexed	half reflexed	half reflexed
STIGMA POSITION TO ANTHERS				
	above	level	above	above
COLOUR OF PEDUNCLE (RHS)				
	143A	143A	143A	137C

**KURA CLOVER***Trifolium ambiguum***'Endura' syn. 'KZ1'**

Application No: 95/023 Accepted: 24 Jan 1995

Applicant: **Wrightson Seeds Limited**, Christchurch, New ZealandAgent: **Wrightson Seeds Australia (Pty) Limited**, Seven Hills, NSW

**Description** (Table 17) Ploidy: hexaploid (2n = 6x = 48). Plant: early maturing. Stem: prostrate, almost glabrous. Leaf: obovate. Inflorescence: pinkish-white.

**Origin** Recurrent selection: 'Monaro' for two generations, Kimihia Research Centre, Canterbury, New Zealand. Breeder: Michael Norriss, Wrightson Seeds, Christchurch, New Zealand. Selection criteria: improved production of viable seed. Propagation: seed.

**Comparative Trials** Comparator: 'Rhizo'. Location: Lincoln, New Zealand, Oct 1993 - Jan 1995. Conditions: plants were raised in potting mix in cells under glass, then transplanted to open beds. Trial design: 10 plants of each variety per replicate; 10 replicates; randomised complete blocks. Measurements: 60 plants of each variety.

**Prior Applications and Sales** Applied for in United States of America and New Zealand, 1994

Description: **Michael Norriss, Wrightson Seeds**, Christchurch, New Zealand

Table 17 Kura Clover Varieties

	'Endura'	*'Rhizo'
MEAN HEADING DAY (days from 23/10/94)		
mean	32.6	40.0
std deviation	9.08	9.28
LSD/sig.	3.14	P≤0.01
STEM HAIRINESS (1 = glabrous, 2 = sparsely pubescent)		
mean	1.0	1.2
std deviation	0.18	0.39
LSD/sig.	0.11	P≤0.01
LEAF WIDTH (mm)		
mean	22.8	20.3
std deviation	4.70	3.70
LSD/sig.	2.33	P≤0.01

Table 17 Kura Clover Varieties - continued

PETIOLE LENGTH (mm)		
mean	96.0	82.5
std deviation	34.27	30.81
LSD/sig.	12.78	P<0.01
INFLORESCENCE PER PLANT (number) (1=1-10, 5=70+)		
mean	2.5	1.5
std deviation	1.11	0.84
LSD/sig.	0.36	P<0.01
INFLORESCENCE DIAMETER (mm)		
mean	32.5	30.5
std deviation	2.77	2.98
LSD/sig.	1.22	P<0.01

**LAVENDER***Lavandula* hybrid**'Henri Dunant'**

Application No: 93/174 Accepted: 12 Aug 1993  
 Applicant: **Australian Red Cross**, South Melbourne, VIC

**Description** (Table 18, Figure 14) Plant: compact aromatic shrub, upright (semi globose), dense, branched; height and width to 0.6m. Leaves: simple, sessile to stem, narrow, tapered oblong, acute tip, medium green, semi gloss upper surface RHS 137A, dull lower surface 189A/191A, margins entire and revolute. Flower stems: upright, single terminal flower spike, medium length, medium green, square to circular cross-section, tomentose. Peduncle: medium length, medium thickness, square cross-section, medium green RHS 146A/B, tomentose. Spike: square-sided, plump, 9-10 pairs of flower clusters, 2-6 terminal modified bracts, lower flower pair occasionally separated from spike, frequently purple corollas aligned on 'corners' of spike. Flower cluster: 5-7 sessile flowers subtended by large sessile triangular green bract. Flower: small; calyx tubular, hairy, light to medium green; corolla fused, white base, petals purple RHS 83A/86A. Terminal bracts: white RHS 155A, translucent, elliptical to ovate, pronounced green veins. Flowering time: late spring to autumn.

**Origin** Uncontrolled pollination: probably *Lavandula viridis* x *Lavandula pedunculata*. Breeder: Neil Richardson, Yendon, VIC. Selection criteria: bright green foliage, strong aroma (loosely described as a pine-lavender scent), deep violet flowers and terminal large white petal-like bracts on the spike. Propagation: vegetatively by shoot tip cuttings for at least five generations.

**Comparative Trials** No comparator was identified which had the combination of purple flowers with white terminal bracts on the spike though 'Purple Crown' (*Lavandula pedunculata*) was selected for its morphological similarities. Location: Yendon, VIC, autumn 1995. Conditions: 300mm pots; plants grown from cuttings; pinebark potting mix; grown in the open for about 18 months; at the end of each flowering cycle the plants were trimmed back and pots fertilised. Trial design: single plants replicated eight times. Measurements: 20 random samples.

**Prior applications and sales Nil**

Description: **Brian Hanger, Hanger Corporation Pty Ltd**, Monbulk, VIC

Table 18 *Lavandula* Varieties

	<b>'Henri Dunant'</b>	<b>**Purple Crown'</b>
SHOOT LENGTH (mm) to base of spike		
mean	267.6	392.5
std deviation	36.7	44.2
LSD/sig.	28.6	P<0.01
PEDUNCLE LENGTH (mm)		
mean	81.3	212.8
std deviation	14.0	31.6
LSD/sig.	20.4	P<0.01
PEDUNCLE COLOUR		
	medium green	medium green with purple tinge near spike
SPIKE LENGTH (mm)		
mean	44.9	32.8
std deviation	6.4	3.1
LSD/sig.	3.8	P<0.01
SPIKE FIRMNESS (to compression)		
	soft	firm
TERMINAL BRACT LENGTH (mm) longest		
mean	16.0	23.6
std deviation	1.6	2.3
LSD/sig.	1.2	P<0.01
TERMINAL BRACT COLOUR (RHS)		
	white 155A	purple 77A

**MARGUERITE DAISY***Argyranthemum frutescens***'Summer Pink'**

Application No: 94/120 Accepted: 23 May 1994  
 Applicant: **Protected Plant Promotions 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

**Description** (Table 19, Figure 15) Plant: compact, early and continuous flowering daisy. Leaf: fleshy, bipinnatisect, base obtuse, upper surface green RHS 137B, lower surface green RHS 137C; leaf margin serration medium. Flower: single; terminal flower; petiole length 106mm;



ray floret tip dentate, longitudinal axis straight, disc centre clean, immature RHS 17B, mature RHS 163C; disk floret tubular.

**Origin** Controlled pollination: F2 seedling of 'Dolly' (seed parent) x 'Canary Island Daisy' (pollen parent), Plant Breeding Institute, Cobbitty, NSW, 1992. Breeder: Thomas M Cunneen, University of Sydney Plant Breeding Institute, Cobbitty, NSW. Selection criteria: compact growth, flower shape and colour. Propagation: vegetatively through four generations.

**Comparative Trials** Comparator: 'Single Pink'. Location: University of Sydney Plant Breeding Institute, Cobbitty Aug 1994 - Nov 1994. Conditions: plants grown 100cm apart in mulched soil in raised beds, irrigated. Trial design: fifty plants completely randomised. Measurements: 10 random samples for each variety.

**Prior Applications and Sales** First sold Australia, 1994

Description: Tom Cunneen, Plant Breeding Institute, Cobbitty, NSW

**Table 19 *Argyranthemum* Varieties**

	'Summer Pink'	*'Single Pink'
<b>PLANT HEIGHT (cm)</b>		
mean	49.30	60.30
std deviation	3.20	2.11
LSD/sig.	4.23	P≤0.001
<b>PLANT DIAMETER (cm)</b>		
mean	63.50	86.20
std deviation	5.19	7.57
LSD/sig.	8.35	P≤0.001
<b>FLOWER DIAMETER (mm)</b>		
mean	41.73	44.57
std deviation	1.57	1.89
LSD/sig.	1.19	P≤0.001
<b>RAY PETAL COLOUR and RHS BEFORE ANTHOR DEHISCENCE</b>		
	red-purple 70D	purple 78D
<b>RAY PETAL COLOUR and RHS AFTER FULL ANTHOR DEHISCENCE</b>		
	red-purple 70D	purple 78D
<b>DISC COLOUR and RHS BEFORE ANTHOR DEHISCENCE</b>		
	yellow-orange 17B	yellow-orange 21A-34A
<b>LEAF THICKNESS</b>		
	thin to medium	thin
<b>LEAF LENGTH (mm)</b>		
mean	48.57	69.80
std deviation	4.45	7.19
LSD/sig.	4.11	P≤0.001

Table 19 *Argyranthemum* Varieties - continued

<b>LEAF WIDTH (mm)</b>		
mean	21.37	38.60
std deviation	4.84	10.30
LSD/sig	5.53	P≤0.001

## PEARL MILLET

*Pennisetum glaucum*

### 'Siromill' syn. 'CPI 114994A'

Application No: 95/139 Accepted: 2 May 1995

Applicant: **CSIRO, Division of Tropical Crops and Pastures**, St Lucia, Brisbane, QLD

**Description** (Table 20, Figure 16) Plant: erect, tall, many-culmed, leafy, annual. Leaf: broad, green, mostly hirsute on the upper surface. Flowering: daylength sensitive, autumn. Inflorescence: medium length, wide, mostly ovoid or tapering though some cylindrical.

**Origin** Landrace from Zambia (from ICRISAT, Hyderabad, India collection). Breeder: JB Hacker, CSIRO, Brisbane, QLD. Propagation: isolated, open pollinated seed.

**Comparative Trials** Comparators: 'Katherine Pearl' (open-pollinated), 'Nutrifeed', 'Supermill', 'Feedmill' (commercial hybrids). Location: Samford Research Station, Samford, QLD, Feb-Jun 1995. Conditions: sown 11 Feb; field rows 1.2m apart; seedlings were thinned to 10 plants per row at c.0.5m centres; spray irrigated and fertilised as required. Trial design: 100 plants of each variety; randomised complete blocks with 10 replicates. Measurements: 100 plants of each variety.

**Prior Applications and Sales** Nil

**Adaptation** High yielding; generally palatable; adapted to medium textured soils with adequate summer rainfall or irrigation.

Description: **JB Hacker, CSIRO Division of Tropical Crops and Pastures**, St Lucia, QLD

## PHALARIS

*Phalaris aquatica*

### 'BP 92'

Application No: 95/141 Accepted: 2 May 1995

Applicant: **Chief, CSIRO Division of Plant Industry**, Canberra, ACT

**Description** (Table 21, Figure 17) Plant: tall, perennial, seed-retaining, active growth in winter, grass. Stems: height medium 186cm, sparse, thick 16.1mm and semi-erect. Leaf: long, broad, blue green, moderate levels of dimethyltryptamines, beta-carbolines and N-methyltyramine. Inflorescence: condensed panicle 5-10 cm long, 200-400 spikelets. Flower: high frequency hairy outer glumes, rachilla mostly intact at maturity. Mid-season flowering time. Non-dormant buds in summer.

**Table 20 Pearl Millet Varieties**

	'Siromill'	**Katherine Pearl'	**Nutrifeed'	**Supermill'	**Feedmill'
<b>DAYS TO INFLORESCENCE EMERGENCE</b>					
mean	91.5	92.9	72.9	63.3	61.5
std deviation	7.98	8.77	3.26	6.79	6.60
LSD/sig.	3.6	ns	P≤0.01	P≤0.01	P≤0.01
<b>DAYS TO ANTHESIS</b>					
mean	95.7	98.3	79.7	67.7	67.2
std deviation	8.57	9.31	2.74	6.89	5.83
LSD/sig.	3.4	ns	P≤0.01	P≤0.01	P≤0.01
<b>CULM HEIGHT (cm)</b>					
mean	196.0	204.0	189.6	135.4	96.6
std deviation	20.02	29.69	19.51	22.91	12.74
LSD/sig.	9.4	ns	ns	P≤0.01	P≤0.01
<b>INFLORESCENCE LENGTH (cm)</b>					
mean	20.1	23.0	23.4	19.3	18.2
std deviation	3.38	4.89	2.68	2.47	2.05
LSD/sig.	1.3	P≤0.01	P≤0.01	ns	P≤0.01
<b>INFLORESCENCE WIDTH (mm)</b>					
mean	28.4	27.1	21.0	18.6	18.6
std deviation	3.68	4.56	2.86	1.79	1.42
LSD/sig.	1.6	ns	P≤0.01	P≤0.01	P≤0.01
<b>EXTENDED CULM NUMBER (15 June 1995)</b>					
mean	12.2	6.5	8.9	12.5	9.7
std deviation	4.41	3.38	3.81	5.14	3.18
LSD/sig.	1.7	P≤0.001	P≤0.001	ns	P≤0.001
<b>PLANTS WITH OVOID INFLORESCENCES (frequency 0-1)</b>					
	0.46	0.19	0.04	0.00	0.00
<b>PLANTS WITH ABAXIAL LEAF PUBESCENCE (frequency 0-1)</b>					
	0.92	0.71	0.00	0.07	0.04

**Origin** Controlled pollination: 18 'Holdfast' parents and related and unrelated populations by ear-to-row selection over two generations. Breeder: Rex N Oram, CSIRO Division of Plant Industry, Canberra, ACT. Selection criteria: superior establishment, herbage yield and persistence on shallow, acid soils. Propagation: seed.

**Comparative Trials** Comparators: 'Holdfast', 'Australian'. Location: Ginninderra Experiment Station, Canberra, ACT, Aug 1993 - Jan 1995. Conditions: Plants raised in a mixture of loam and peatmoss in flats under glass before transplantation to the field. Trial design: 180 plants of each variety arranged as randomised blocks with varieties as main plots and generations as sub-plots. Measurements: 35 to 180 random samples from each variety.

**Prior Applications and Sales** Nil

**Adaptation** 'BP 92' was selected for better yield on shallow, acid soils derived from sedimentary rocks on hill-sides where surplus rainfall gains access to the ground water reservoir.

Description: **Rex N Oram, CSIRO Division of Plant Industry, Canberra, ACT**

**Table 21 Phalaris Varieties**

	'BP 92'	**Holdfast'	**Australian'
<b>WINTER GROWTH ACTIVITY</b>			
	fast	fast	slow
<b>SEED RETENTION TRAIT</b>			
	present	present	absent

Table 21 Phalaris Varieties - continued

FREQUENCY OF PLANTS WITH HAIRY OUTER GLUMES (%)			
mean	58.3	46.5	0.0
heterogeneity 2		7.47	24.13
significance		P≤0.01	P≤0.001
HERBAGE TOXIN CONCENTRATIONS (arbitrary units)			
-carbolines			
mean	0.71	0.0	not measured
std deviation	0.18	0.0	
LSD/sig.	0.44	P≤0.01	
Dimethyltryptamines			
mean	1.46	0.10	not measured
std deviation	0.26	0.20	
LSD/sig.	0.53	P≤0.001	
N-methyltyramine			
mean	0.69	2.36	not measured
std deviation	0.21	0.18	
LSD/sig.	0.45	P≤0.001	

**ROSE***Rosa***'Ausbord' syn. 'Gertrude Jekyll'**

Application No: 91/021 Accepted: 22 Mar 1991

Applicant: **David Austin Roses**, Wolverhampton, EnglandAgent: **The Perfumed Garden**, Moorooduc, VIC

**Description** (Table 22, Figure 18) Plant: 1.5m bushy remontant shrub rose, very strong upright canes. Young vegetative shoot: anthocyanin colour reddish purple. Stem thorns: present, upper surface slightly convex to flat, lower surface concave. Leaves: large to medium size, medium green, dull upper surface. Terminal leaflet: cross section slightly concave, margins weak undulation, leaf base round. Flower pedicel: reddish tinge, short glandular hairs. Flower bud profile: ovate. Flower: singly or 2-4 terminal clusters, size medium to large, double, flat upper profile, flattened convex lower profile; petals many, rich medium pink with small yellow basal spot both surfaces, weakly reflexed, weak margin undulations, strongly fragrant, stamen filament yellow; styles pale green stained pink near stigma. Seed vessel: medium size; pitcher shaped.

**Origin** Controlled pollination: 'Wife of Bath' (seed parent) by 'Comte de Chambord' (pollen parent). Breeder: David CH Austin, Wolverhampton, England. Selection criteria: shrub rose with highly perfumed, large well-formed rich pink rosette shaped flowers. Propagation: vegetative for many generations.

**Comparative Trials** Comparator: 'Mary Rose' (a David Austin shrub rose with rose-pink flowers). Location: Moorooduc, VIC, Apr-May 1994. Conditions: five and a half year old plants (budded to *Rosa multiflora* rootstock); mulched ground; trickle irrigated, limed and manured as required. Trial design: each variety was planted as a group of three to five plants in open beds. Measurements: Random samples collected over a two month period.

**Prior applications and sales** Granted England, 1986. First sold in England, 1986

Description: **Brian Hanger, Hanger Corporation Pty Ltd**, Monbulk, VIC

Table 22 Rose Varieties

	'Ausbord'	**'Mary Rose'
THORN LENGTH (mm)		
mean	6.2	4.3
std deviation	0.9	0.6
LSD/sig.	0.7	P≤0.01
TERMINAL LEAFLET PETIOLULE LENGTH (mm)		
mean	14.9	21.9
std deviation	1.6	5.1
LSD/sig.	2.0	P≤0.01
SEPAL LENGTH (mm)		
mean	25.8	22.7
std deviation	2.3	1.0
LSD/sig.	1.6	P≤0.01
UPPER LEAF SURFACE		
	dull	glossy
TERMINAL LEAFLET BASE		
	round	cordate
SEPAL EXTENSIONS		
	weak	very weak
PETAL COLOUR (RHS)		
midzone outside	65B	73D
midzone inside	65A	74D
margin outside	65A-65B	68B-70C
margin inside	65A	70D
STIGMA TO ANTHER HEIGHT		
	same level	below

**'Chameleon'**

Application No: 92/150 Accepted: 25 Sep 1992

Applicant: **Biotech Plants Pty Ltd**, Somersby, NSW

**Description** (Table 23, Figure 19) Plant: remontant, bush type bed rose, series of distinctive flower colour changes over ten day period. Stem thorn profile convex above and concave below. New vegetative shoots: anthocyanin colour purple. Leaf: size large, medium green, dull on the upper side, base rounded. Terminal leaflet: concave in cross-section, margin undulation absent. Flower pedicel: prickles present. Flower bud profile: slightly rounded. Flower: single; size medium; upper and lower profile flat. Petals: many, size medium, colour varies at anthesis, the midzone outside mid yellow RHS 6C, margin outside reddish pink RHS 52B, midzone inside yellow RHS 7B, margin inside medium to bright red RHS 53C-43A. When fully mature flower gradually loses pink; the midzone outside and margin white RHS 155C, midzone inside reddish

pink RHS 52A-52B in light conditions though midzone inside changes to white RHS 155C in shade; basal spot: inside and outside bright yellow RHS 9A aging to greyish yellow RHS 160A; margins reflexed, undulation absent, weak fragrance; sepal extension weak; filaments absent; style green.

**Origin** Controlled pollination: 'Wee Beth' (seed parent) by 'Seedling of Starina' (pollen parent). Breeder: Eric Welsh, Eric Welsh Roses, Erina, NSW. Selection criteria: flower colour, colour changes and the long life of the flowers.

**Comparative Trials** Comparators: 'Oz Gold' cuttings on their own roots ('Oz Gold' C) and 'Oz Gold' budded onto 'Dr. Hoey' rootstock ('Oz Gold' B). Location: Biotech Plants Pty Ltd, Somersby, NSW, Oct 1993-Mar 1994. Conditions: plants from tissue culture; 140mm pots; potting mix of composted pine bark, peatmoss, coarse sand, sawdust, lime and slow release fertiliser; watered as required; strategic applications of insecticide and fungicide; plastic greenhouse. Trial design: 10 plants per variety; 3 replicates. Measurement: 10 random samples per variety per replicate.

**Prior Applications and Sales** Nil

Description: **Angus Stewart**, Narara, NSW

**Table 23 Rose Varieties**

	'Chameleon'	**Oz Gold B'	**Oz Gold C'
YOUNG SHOOT ANTHOCYANIN	purplish	largely absent	absent
THORN SHAPE - UPPER SIDE	convex	convex	slightly convex
LEAF SIZE	large	medium	small
LEAFLET MARGIN UNDULATION	absent	present	present
TERMINAL LEAFLET LENGTH (mm)			
mean	44.3	30.1	29.1
std deviation	6.7	2.9	3.6
LSD/sig.	5.90	P≤0.01	P≤0.01
TERMINAL LEAFLET WIDTH (mm)			
mean	27.9	16.2	14.3
std deviation	5.2	2.2	3.1
LSD/sig.	4.66	P≤0.01	P≤0.01
SHAPE OF LEAFLET BASE	rounded	obtuse	obtuse
BUD SHAPE	slightly but not completely rounded	ovate	ovate

Table 23 Rose Varieties - continued

FLOWER SIZE	medium	medium	small
FLOWER COLOUR GROUP	pink/yellow/orange/white	apricot/orange	apricot/orange
NO. OF PETALS			
mean	57.1	20.4	25.6
std deviation	6.3	1.7	6.9
LSD/sig.	6.8	P≤0.01	P≤0.01

**'Delicious' syn. 'Wedel'**

Application No: 92/017 Accepted: 5 Mar 1992

Applicant: **Eric Welsh Roses**, Erina, NSW

Agent: **Rose and Fruit Tree Limited**, Somersby, NSW

**Description** (Table 24, Figure 20) Plant: miniature rose: remontant. Stem thorns lower surface profile concave. Young vegetative shoot: anthocyanin colour reddish-brown. Leaf: size small, medium green, strongly glossy. Terminal leaflet: slightly concave in cross section, lamina weakly undulating, base obtuse. Flower pedicel: few glandular hairs. Flower bud profile: broad-ovate. Flower: clusters of 2-3, doubles; many petals, inner petal colour pink RHS 48C; basal spot RHS 2D; petal margins medium reflexing, weak undulation; fragrance strong; stamen filaments yellow; stigma level or above anthers; styles red. Seed vessel: small, pitcher-shaped.

**Origin** Controlled pollination: 'Avandel' (seed parent) by 'Freesia' (pollen parent). Breeder: Eric Welsh, Eric Welsh Roses, Erina, NSW. Selection criteria: compact appearance, long-lasting fragrant blooms, glossy foliage. Propagation: vegetatively through numerous generations.

**Comparative Trial** Comparators: 'Magic Carrousel', 'Double Joy'. Location: Kellyville, NSW, Mar 1995. Conditions: 200mm pots; varieties grown on their own roots, potting mix consisted of peat, composted pine and coarse sand; overhead irrigation and 6 weekly applications of slow release fertiliser during the periods of active growth. Trial design: 6-10 plants of each variety arranged in single plant replicates in open beds. Measurements: 20 random samples from each variety.

**Prior applications and sales** First sold Australia, 1994

Description: **Primrose Fox**, Kellyville, NSW

**Table 24 Rose Varieties**

	'Delicious'	**Magic Carrousel'	**Double Joy'
THORN LENGTH (mm)			
mean	5.3	4.3	4.9
std deviation	0.64	1.13	1.07
LSD/sig.	0.86	P≤0.01	ns

Table 24 Rose Varieties - continued

<b>TERMINAL LEAFLET LENGTH</b> First or second true leaf down from flower cluster (mm)			
mean	36.3	27.3	36.9
std deviation	3.63	2.4	2.13
LSD/sig.	2.44	P≤0.01	ns
<b>TERMINAL LEAFLET WIDTH</b> (mm)			
mean	18.4	16.2	19.1
std deviation	1.59	1.5	1.5
LSD/sig.	1.38	P≤0.01	ns
<b>TERMINAL LEAFLET PETIOLULE LENGTH</b> (mm)			
mean	10.5	9.5	14.2
std deviation	1.43	1.23	1.95
LSD/sig.	1.41	ns	P≤0.01
<b>FLOWER DIAMETER FULLY OPEN</b> (mm)			
mean	52.3	45.3	49.7
std deviation	4.05	2.27	2.62
LSD/sig.	2.49	P≤0.01	P≤0.01
<b>SEPAL LENGTH</b> (mm)			
mean	24.8	21.4	19.6
std deviation	1.94	2.16	1.85
LSD/sig.	1.5	P≤0.01	P≤0.01
<b>YOUNG SHOOT ANTHOCYANIN</b>			
	absent/ weak	medium	absent/ weak
<b>FLOWER FRAGRANCE</b>			
	strong	weak	weak
<b>SEPAL EXTENSIONS</b>			
	medium	weak	medium
<b>PETAL COLOUR (RHS)</b>			
midzone outside	48D	58D	48D
midzone inside	48C	58D	48D
margin outside	48D	57C	52B
margin inside	48C	57B	48D
<b>BASAL SPOT COLOUR (RHS)</b>			
inner side	2D	155C	12C
outer side	2D	155D	12C
<b>PETAL REFLEXING</b>			
	medium	absent/ weak	medium
<b>PETAL UNDULATION</b>			
	weak	absent/ weak	absent/ weak
<b>STYLE COLOUR</b>			
	red	red	green

**'Devilk' syn. 'Sparkling Orange'**

Application No: 93/131 Accepted: 31 May 1993

Applicant: **DeVor Nurseries Inc**, Watsonville, California, United States of AmericaAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 25, Figure 21) Plant: height medium; width medium; bushy rose. Stem thorns present, upper-side profile flat, lowerside profile concave. Leaf: medium size, medium green. Terminal leaflet: cross section concave; margin undulation present; base round. Young vegetative stem: anthocyanin present. Flower bud: ovate. Flower: terminal, single; petal inside basal spot present.

**Origin** Controlled pollination: 'Sonia' (seed parent) x 'Prominent' (pollen parent). Breeder: Stanley G Marciel, Pleasanton, California, United States of America. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparators: 'Fragrant Cloud', 'Sonia'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United States of America, 1992. First sold United States of America, 1989

Description: **Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd**, Adelaide, SA

Table 25 Rose Varieties

	<b>'Devilk'</b>	<b>**'Fragrant Cloud'</b>	<b>*'Sonia'</b>
<b>FLOWER COLOUR</b>			
	orange	orange	pink
<b>FLOWER DIAMETER (mm)</b>			
mean	79.25	100.75	92.3
std deviation	3.58	5.27	3.85
LSD/sig.	5.16	P≤0.001	P≤0.001
<b>FLOWER SIZE</b>			
	medium	medium	large
<b>TERMINAL LEAFLET LENGTH (mm)</b>			
mean	56	67.8	55.05
std deviation	3.58	4.80	2.33
LSD/sig.	3.60	P≤0.001	ns
<b>TERMINAL LEAFLET WIDTH (mm)</b>			
mean	36	38.75	37.8
std deviation	2.60	3.40	3.24
LSD/sig.	1.70	P≤0.001	P≤0.01
<b>LENGTH OF PETIOLULE (mm)</b>			
mean	13.85	14.90	14.2
std deviation	1.46	1.89	1.07
LSD/sig.	0.90	P≤0.001	ns





Fig 1 Alstroemeria 'Aruba'



Fig 2 Alstroemeria 'Java'



Fig 3 Camellia 'Showa-no-Sakae' (top left); 'Marge Miller' (right) showing pendulous habit of branch from left to right

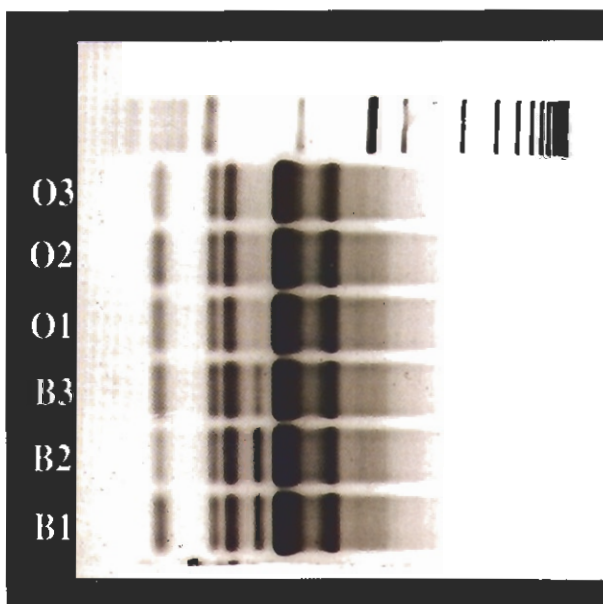


Fig 4 Canola RAPD profile of DNA from 'Oscar' and the five comparators using primer UBC#250 (01='Oscar'; 02='Oscar' basic seed; 03='Oscar' breeders seed)

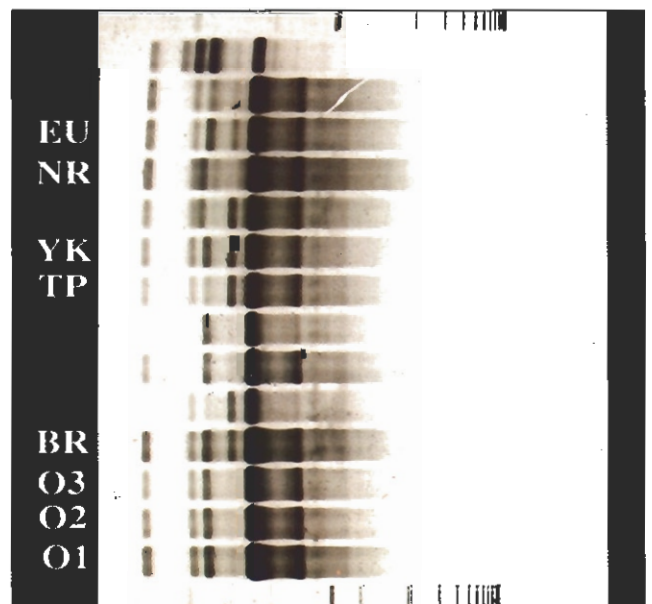


Fig 5 Canola RAPD profile of DNA from 'Oscar' and the four comparators using primer UBC#250 (EU='Eureka'; NR='Narenda'; YK='Yickadee'; and TP='Taparoo')



Fig 6 *Digitaria*  
'Strickland' (right) with  
comparator 'Jarra'



Fig 7 *Gaura*  
'Jo Adela' (right); 'Corrie's Gold' (centre)  
with common form



Fig 8 *Impatiens*  
'Celebration Bright  
Coral' (left) with  
comparator 'Argus'



Fig 9 *Impatiens*  
'Celebration Cherry  
Star' (left) with  
comparator 'Vulcain'



Fig 10 *Impatiens*  
'Celebration Hot Pink' (centre)  
with comparators 'Argus' (left)  
and 'Aretia'





**Fig 11** Impatiens  
'Celebration Pure White'  
(left)with comparator  
'Jasius'



**Fig 12** Impatiens  
'Celebration Salmon' (left) with  
comparator 'Charade'



**Fig 13** Kangaroo Paw  
Clockwise from left 'Bush Ranger'; 'Bush Illusion';  
'Bush Splendour'; 'Bush Ochre'; 'Bush Nugget';  
'Bush Glow'; 'Bush Ember'; 'Bush Heritage'; and  
'Bush Twilight'



**Fig 14** Lavender  
'Henri Dunant'



Fig 15 Marguerite Daisy  
'Summer Pink' (left) with  
comparator 'Single Pink'



Fig 16 Pearl Millet  
'Siromill' (left) with  
'Katherine Pearl' showing  
differences in inflorescence length  
and shape



Fig 17 Phalaris  
States of glume hairiness for 'BP 92'



Fig 18 Rose  
'Ausbord'



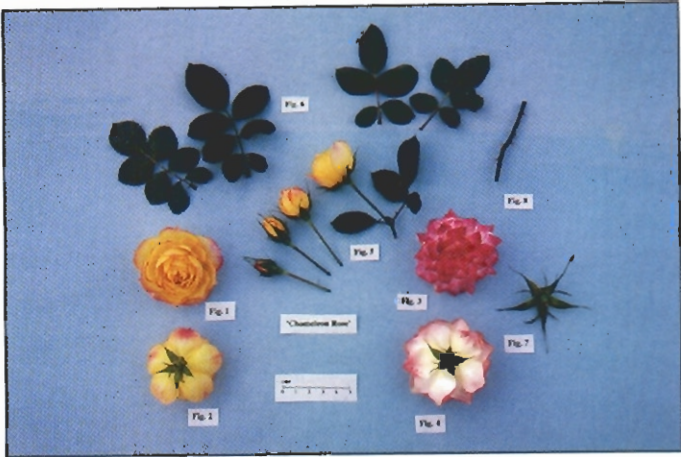


Fig 19 Rose 'Chameleon'

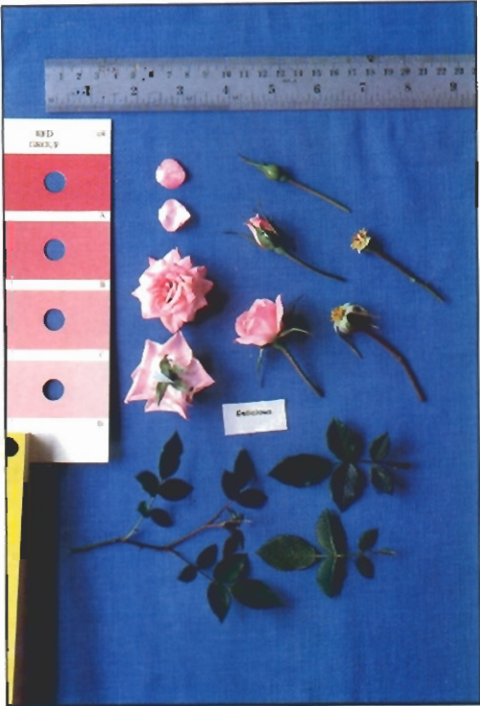


Fig 20 Rose 'Delicious'

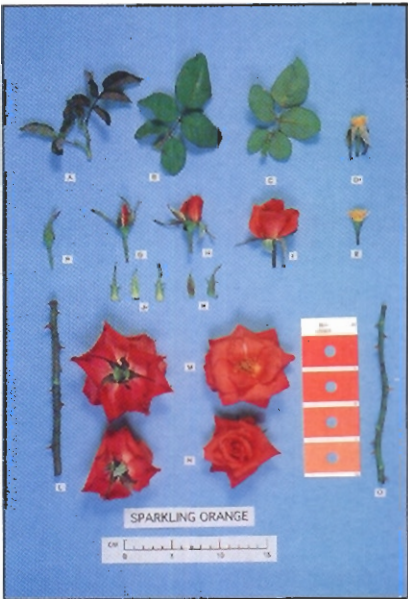


Fig 21 Rose 'Devilk' # (see page 34)

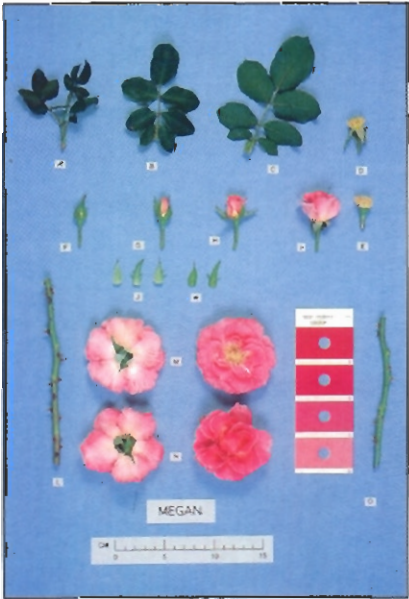


Fig 22 Rose 'Devnovia' # (see page 34)



Fig 23 Rose 'Devrise' # (see page 34)

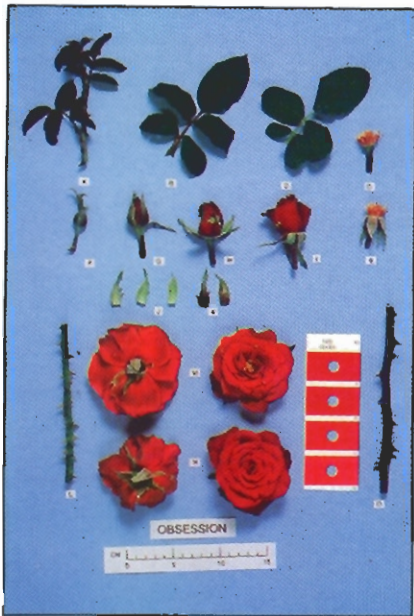


Fig 24 Rose  
'Devtinta'  
# (see page 34)



Fig 26 Rose  
'Frytranquil'  
# (see page 34)

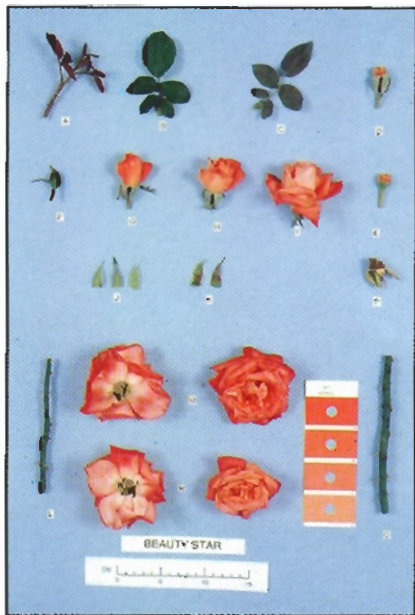


Fig 25 Rose  
'Frystar'  
# (see page 34)

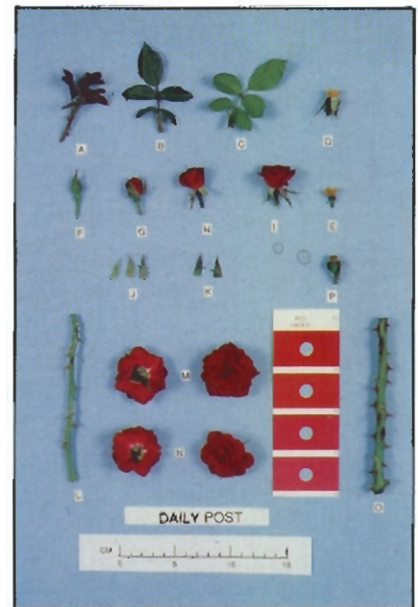


Fig 27 Rose  
'Frytrooper'  
# (see page 34)

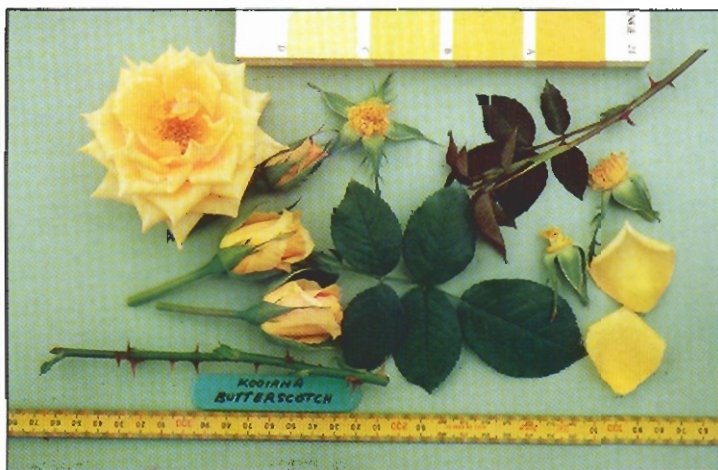


Fig 28 Rose  
Demonstrating the various parts and colours  
of the stem, leaf, flower, and young shoot of  
'Kooiana Butterscotch'





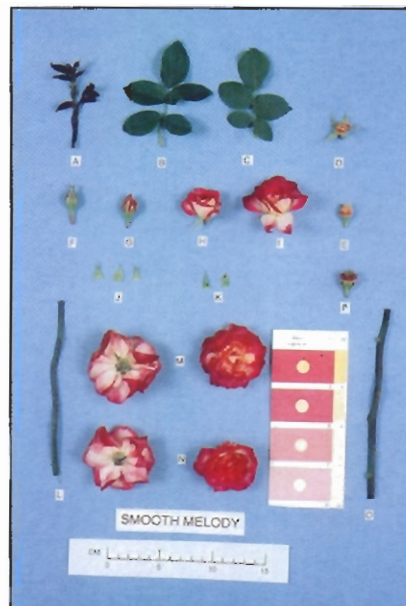
**Fig 29** Rose  
Demonstrating the various parts and colours of the stem, leaf, flower, and young shoot of 'Kooiana Moonlight'



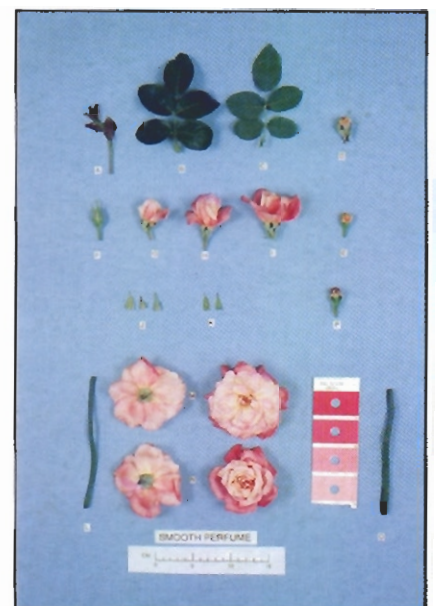
**Fig 30** Rose  
Demonstrating the various parts and colours of the stem, leaf, flower, and young shoot of 'Kooiana Watermelon'



**Fig 31** Rose  
'Pink Kardinal'

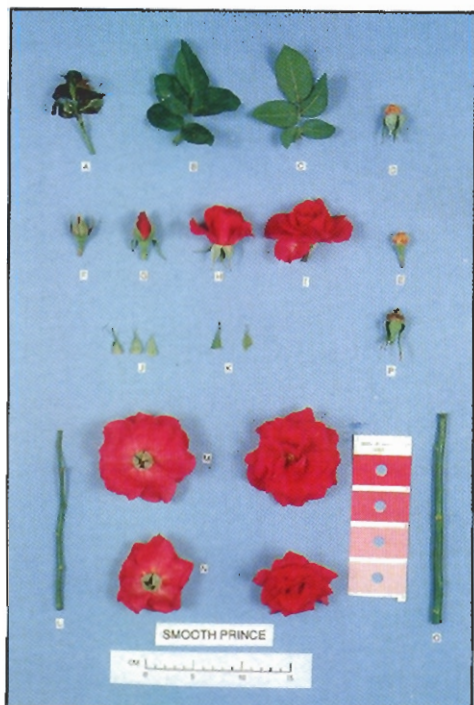


**Fig 32** Rose  
'Smooth Melody'  
# (see page 34)



**Fig 33** Rose  
'Smooth Perfume'  
# (see page 34)





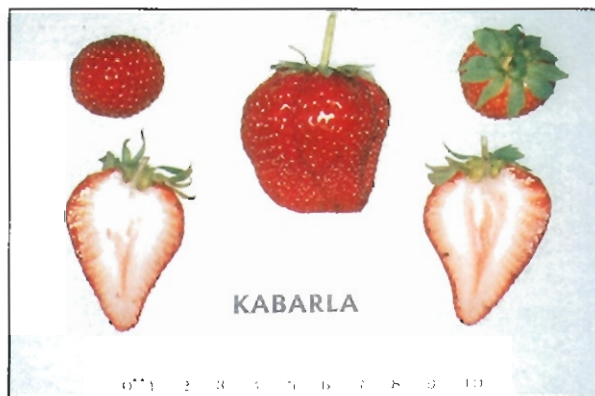
**Fig 34** Rose  
'Smooth Prince'  
# (see page 34)



**Fig 35** Rose  
'Suntick'  
# (see page 34)



**Fig 36** Rose  
'Woman's Day'



**Fig 37** Strawberry  
'Kabarla'

- #
- |   |                           |
|---|---------------------------|
| a) young shoot                            | j) inner side of sepals   |
| b) upper side of mature leaf              | k) outer side of sepals   |
| c) lower side of mature leaf              | l) young stem             |
| d) fruit vessel with sepals               | m) fully opened bloom     |
| e) fruit vessel without sepals            | n) partially closed bloom |
| f-i) bud at various stages of development | o) mature stem            |
|   | p) mature fruit vessel    |

Table 25 Rose Varieties - continued

LEAF COLOUR			
	medium green	light green	dark green
GLOSSINESS OF LEAF UPPER SIDE			
	weak	weak	strong
TERMINAL LEAFLET CROSS SECTION			
	concave	concave	flat
COLOUR OF YOUNG SHOOT ANTHOCYANIN			
	purple	purple	red
THORN LENGTH (mm)			
mean	8.30	5.10	7.1
std deviation	1.80	1.25	0.85
LSD/sig.	89	P≤0.001	P≤0.001
FLOWER PEDICEL THORNS/PRICKLES			
	many	few	few
BUD SHAPE			
	ovate	round	ovate
NUMBER OF PETALS			
	medium (13-26)	many (26-50)	many (26-50)
FLOWER PROFILE- UPPER			
	flattened convex	flat	flat
FLOWER PROFILE - LOWER			
	flat	flattened	convex flat
FRAGRANCE			
	medium	strong	medium
SEPAL EXTENSION			
	medium	medium	weak
PETAL SIZE			
	small	large	medium
PETAL COLOUR (RHS)			
midzone outside	41D	51A	49A
midzone inside	41D	43B	38B
margin outside	43D	51A	49C
margin outside	41A	43B	48C
PETAL BASAL SPOT OUTSIDE			
	present	absent	present
BASAL SPOT COLOUR (RHS)			
outside	2D	-	2D
inside	1C	20B	6D
PETAL REFLEXING			
	medium	medium strong	medium

Table 25 Rose Varieties - continued

PETAL UNDULATION			
	medium	medium	very weak
STAMEN - COLOUR OF FILAMENT			
	yellow	bronze	yellow
STYLE COLOUR			
	green	red	red
STIGMA IN RELATION TO ANTHERS			
	level	above	above
SEED VESSEL SIZE			
	small	small	medium
SEED VESSEL SHAPE			
	pitcher	funnel	pitcher

**'Devnovia' syn. 'Megan'**

Application No: 93/133 Accepted: 1 Jun 1993

Applicant: **DeVor Nurseries Inc**, Watsonville, California, United States of AmericaAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 26, Figure 22) Plant: height medium; width medium; bushy rose. Stem thorns present, upper-side profile flat, lower side profile concave. Young vegetative stem: anthocyanin present. Leaf: size medium, glossiness of upper side medium. Terminal leaflet: margin undulation present, base wedge shaped. Flower bud: ovate. Flower: clustered, lower profile flat; petals pink, inner basal spot present; style red.

**Origin** Controlled pollination: 'Angel' (seed parent) x 'Independence '76'' (pollen parent). Breeder: Stanley G Marciel, Pleasanton, California, United States of America. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparators: 'Sonia', 'Queen Elizabeth'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United States of America, 1991. First sold United States of America, 1989

Description: **Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd**, Adelaide, SA

Table 26 Rose Varieties

	'Devnovia'	*'Sonia'	*'Queen Elizabeth'
<b>FLOWER DIAMETER (mm)</b>			
mean	71.05	92.3	100.35
std deviation	2.96	3.85	5.91
LSD/sig.	11.10	P≤0.001	P≤0.001
<b>FLOWER SIZE</b>			
	small	medium	large
<b>FLOWERING HABIT</b>			
	cluster	single	single
<b>TERMINAL LEAFLET LENGTH (mm)</b>			
mean	54.40	55.05	65.95
std deviation	3.02	2.33	4.03
LSD/sig.	5.22	ns	P≤0.001
<b>TERMINAL LEAFLET WIDTH (mm)</b>			
mean	34.05	37.8	41.75
std deviation	2.37	3.24	2.57
LSD/sig.	3.51	P≤0.01	P≤0.001
<b>LENGTH OF PETIOLULE (mm)</b>			
mean	12.30	14.2	14.55
std deviation	2.11	1.07	2.04
LSD/sig.	1.82	P≤0.01	P≤0.01
<b>LEAF COLOUR</b>			
	dark green	dark green	medium green
<b>SHAPE OF LEAFLET BASE</b>			
	wedge	round	round
<b>TERMINAL LEAFLET CROSS SECTION</b>			
	flat	flat	concave
<b>COLOUR OF YOUNG SHOOT ANTHOCYANIN</b>			
	red	red	purple
<b>THORN LENGTH (mm)</b>			
mean	7.95	7.1	9.35
std deviation	0.94	0.85	1.42
LSD/sig.	1.20	ns	P≤0.01
<b>FLOWER PEDICEL THORNS/PRICKLES</b>			
	few	few	absent
<b>NUMBER OF PETALS</b>			
	medium (13-26)	many (26-50)	many (26-50)
<b>FLOWER PROFILE - UPPER</b>			
	flattened convex	flat	flat
<b>FRAGRANCE</b>			
	medium	medium	weak

Table 26 Rose Varieties - continued

<b>SEPAL LENGTH (mm)</b>			
mean	23.15	26.55	22.45
std deviation	1.63	1.64	2.14
LSD/sig.	2.14	P≤0.001	ns
<b>SEPAL EXTENSION</b>			
	medium	weak	weak
<b>PETAL SIZE</b>			
	small	medium	large
<b>PETAL COLOUR (RHS)</b>			
midzone outside	65C	49A	55C
midzone inside	62B	38B	49B
margin outside	65B	49C	55C
margin inside	62D	48C	48D
<b>PETAL BASAL SPOT OUTSIDE</b>			
	absent	present	present
<b>BASAL SPOT COLOUR (RHS)</b>			
outside		2D	2D
inside	4D	3D	6D
<b>PETAL REFLEXING</b>			
	mild	medium	mild
<b>PETAL UNDULATION</b>			
	medium	very weak	medium
<b>STAMEN - COLOUR OF FILAMENT</b>			
	yellow	yellow	pinkish/ yellow
<b>STIGMA IN RELATION TO ANTHERS</b>			
	above	above	same level
<b>SEED VESSEL SIZE</b>			
	small	medium	medium
<b>SEED VESSEL SHAPE</b>			
	funnel	pitcher	pitcher

**'Devrise' syn. 'Cerise Dawn'**

Application No: 93 /132 Accepted: 31 May 1993

Applicant: **DeVor Nurseries Inc**, Watsonville, California, United States of AmericaAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 27, Figure 23) Plant: height medium; width medium; bushy rose. Stem thorns present, upper side profile flat, lower side profile concave. Young vegetative stem: anthocyanin present. Leaf: medium size. Terminal leaflet: width 40mm. Flower bud: ovate. Flower: terminal, single, size medium, lower profile flat; petals pink, inner basal spot present; extension of sepals weak. Seed vessel: medium size.

**Origin** Controlled pollination: 'Carina' (seed parent) x 'Angel Face' (pollen parent). Breeder: Paul F Devor,

Livermore, California, United States of America. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparators: 'Sonia', 'Queen Elizabeth'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United States of America, 1992. First sold United States of America, 1987

Description: Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd, Adelaide, SA

**Table 27 Rose Varieties**

	'Devrise'	* 'Sonia'	**'Queen Elizabeth'
<b>FLOWER DIAMETER (mm)</b>			
mean	98.5	92.3	100.35
std deviation	5.05	3.85	5.91
LSD/sig.	5.07	P≤0.01	ns
<b>TERMINAL LEAFLET LENGTH (mm)</b>			
mean	58.25	55.05	65.95
std deviation	4.52	2.33	4.03
LSD/sig.	4.96	ns	P≤0.001
<b>LEAF COLOUR</b>	medium green	dark green	medium green
<b>GLOSSINESS OF LEAF UPPER SIDE</b>	weak	strong	strong
<b>SHAPE OF LEAFLET BASE</b>	cordate	round	round
<b>TERMINAL LEAFLET CROSS SECTION</b>	concave	flat	concave
<b>LEAFLET MARGIN UNDULATION</b>	absent	present	present
<b>COLOUR OF YOUNG SHOOT ANTHOCYANIN</b>	red	red	purple
<b>THORN LENGTH (mm)</b>			
mean	4.75	7.1	9.35
std deviation	0.72	0.85	1.42
LSD/sig.	1.81	P≤0.01	P≤0.001

Table 27 Rose Varieties - continued

<b>FLOWER PEDICEL THORNS/PRICKLES</b>	absent	few	absent
<b>NUMBER OF PETALS</b>	many (>50)	many (26-50)	many (26-50)
<b>FLOWER PROFILE - UPPER</b>	flattened/convex	flat	flat
<b>FRAGRANCE</b>	medium	medium	weak
<b>SEPAL LENGTH (mm)</b>			
mean	27.95	26.55	22.45
std deviation	3.00	1.64	2.14
LSD/sig.	2.76	ns	P≤0.001
<b>PETAL SIZE</b>	medium	medium	large
<b>PETAL COLOUR (RHS)</b>			
midzone outside	63C	49A	55C
midzone inside	62B	38B	49B
margin outside	62B	49C	55C
margin inside	55B	48C	48D
<b>PETAL BASAL SPOT OUTSIDE</b>	absent	present	present
<b>BASAL SPOT COLOUR (RHS)</b>			
outside	-	2D	2D
inside	2D	3D	6D
<b>PETAL REFLEXING</b>	medium	medium	mild
<b>PETAL UNDULATION</b>	yes	no	yes
<b>STAMEN - COLOUR OF FILAMENT</b>	yellow	yellow	pinkish/yellow
<b>STYLE COLOUR</b>	yellow/green	red	red
<b>STIGMA IN RELATION TO ANTHERS</b>	below	above	level
<b>SEED VESSEL SHAPE</b>	funnel	pitcher	pitcher

**'Devtinta' syn. 'Obsession'**

Application No: 93/134 Accepted: 1 Jun 1993

Applicant: DeVor Nurseries Inc, Watsonville, California, United States of America

Agent: St Kilda Roses Pty Ltd, Waterloo Corner, SA

**Description** (Table 28, Figure 24) Plant: height medium; width medium; bushy rose. Stem thorns present, lower side profile concave. Young vegetative stem: anthocyanin present. Leaf: medium green, glossiness of upper side strong. Terminal leaflet: width 39mm; base round. Flower bud: ovate. Flower: terminal, single; petals many, red, inner and outer basal spot present; stamen filaments yellow.

**Origin** Controlled pollination: 'Plant # 79218-2 (unpatented)' (seed parent) x 'Plant # 79051-5 (unpatented)' (pollen parent). Breeder: Stanley G Marciel, Pleasanton, California, United States of America. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparators: 'Gabriella', 'Mr Lincoln'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United States of America, 1992

Description: Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd, Adelaide, SA

**Table 28 Rose Varieties**

	'Devinta'	*'Gabriella'	*'Mr Lincoln'
<b>FLOWER DIAMETER (mm)</b>			
mean	92.22	66.7	100.85
std deviation	6.82	4.05	7.97
LSD/sig.	8.34	P<0.001	P<0.01
<b>FLOWER SIZE</b>			
	medium	small	large
<b>LEAF SIZE</b>			
	medium	small	medium
<b>TERMINAL LEAFLET LENGTH (mm)</b>			
mean	58.95	49.05	64.75
std deviation	6.43	4.55	3.63
LSD/sig.	4.27	P<0.001	P<0.001
<b>LENGTH OF PETIOLULE (mm)</b>			
mean	16.45	17.7	12.5
std deviation	3.02	1.98	1.88
LSD/sig.	1.68	ns	P<0.001
<b>TERMINAL LEAFLET CROSS SECTION</b>			
	convex	concave	convex

Table 28 Rose Varieties - continued

<b>COLOUR OF YOUNG SHOOT ANTHOCYANIN</b>			
	red	purple	purple
<b>THORN SHAPE - UPPER SIDE</b>			
	concave	flat	flat
<b>THORN LENGTH (mm)</b>			
mean	7.95	5.05	6.45
std deviation	0.83	1.10	0.89
LSD/sig.	0.79	P<0.001	P<0.001
<b>FLOWER PEDICEL THORNS/PRICKLES</b>			
	few	absent	absent
<b>FLOWER PROFILE - UPPER</b>			
	flat	flat	flattened convex
<b>FLOWER PROFILE - LOWER</b>			
	flat	flat	flattened convex
<b>FRAGRANCE</b>			
	medium	absent	strong
<b>SEPAL LENGTH (mm)</b>			
mean	27.95	21.50	28.65
std deviation	2.63	1.85	4.03
LSD/sig.	2.28	P<0.001	ns
<b>SEPAL EXTENSION</b>			
	weak	strong	very strong
<b>PETAL SIZE</b>			
	medium	small	large
<b>PETAL COLOUR (RHS)</b>			
midzone outside	53C	53C	53D
midzone inside	53B	44B	63A
margin outside	53C	53C	63A
margin inside	46A	45B	63A
<b>BASAL SPOT COLOUR (RHS)</b>			
outside	19C	3C	12A
inside	19C	3B	7A
<b>PETAL REFLEXING</b>			
	mild	mild	medium
<b>PETAL UNDULATION</b>			
	very weak	very weak	medium
<b>STYLE COLOUR</b>			
	red	red	green
<b>STIGMA IN RELATION TO ANTHERS</b>			
	above	above	level
<b>SEED VESSEL SIZE</b>			
	medium	small	medium
<b>SEED VESSEL SHAPE</b>			
	pitcher	funnel	funnel

**'Frystar' syns. 'Beauty Star' and 'Liverpool Remembers'**

Application No: 94/200 Accepted: 12 Oct 1994

Applicant: **Fryers Nurseries Ltd**, Knutsford, United KingdomAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 29, Figure 25) Plant: height medium; width medium; bushy rose. Stem thorns present, upper and lower side profiles concave. Young vegetative stem: anthocyanin present, purple. Leaf: size medium, medium green, upperside glossiness medium. Terminal leaflet: base round. Flower bud: profile ovate. Flower: terminal, single, upper profile flattened convex, lower profile flat; petals many, outer petals large, light red, inner and outer basal spots present. Seed vessel: funnel shaped.

**Origin** Controlled pollination: 'Blessings' (seed parent) x 'Corso' (pollen parent). Breeder: Gareth Frystar, Knutsford, Cheshire, United Kingdom. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparators : 'Gabriella', 'Mr Lincoln'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United Kingdom, 1992. First sold United Kingdom, 1990

Description: **Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd**, Adelaide, SA

**Table 29 Rose Varieties**

	<b>'Frystar'</b>	<b>*'Gabriella'</b>	<b>*'Mr Lincoln'</b>
<b>FLOWER DIAMETER (mm)</b>			
mean	95.2	66.7	100.85
std deviation	5.47	4.05	7.97
LSD/sig.	8.42	P≤0.001	ns
<b>FLOWER SIZE</b>	medium	small	large
<b>LEAF SIZE</b>	medium	small	medium
<b>TERMINAL LEAFLET LENGTH (mm)</b>			
mean	50.95	49.05	64.75
std deviation	4.12	4.55	3.63
LSD/sig.	4.24	ns	P≤0.001

Table 29 Rose Varieties - continued

<b>TERMINAL LEAFLET WIDTH (mm)</b>			
mean	30.95	38.00	38.45
std deviation	2.61	2.09	2.68
LSD/sig.	2.30	P≤0.001	P≤0.001
<b>LENGTH OF PETIOLULE (mm)</b>			
mean	11.7	17.7	12.5
std deviation	2.43	1.98	1.88
LSD/sig.	1.77	P≤0.001	ns
<b>TERMINAL LEAFLET CROSS SECTION</b>	concave	concave	convex
<b>LEAFLET MARGIN UNDULATION</b>	absent	present	present
<b>THORN SHAPE - UPPER SIDE</b>	concave	flat	flat
<b>THORN LENGTH (mm)</b>			
mean	7.2	5.05	6.45
std deviation	0.7	1.10	0.89
LSD/sig.	0.66	P≤0.001	P≤0.01
<b>FLOWER PEDICEL THORNS/PRICKLES</b>	few	absent	absent
<b>FLOWER PROFILE - UPPER</b>	flattened convex	flat	flattened convex
<b>FLOWER PROFILE - LOWER</b>	flat	flat	flattened convex
<b>FRAGRANCE</b>	weak	absent	strong
<b>SEPAL LENGTH (mm)</b>			
mean	26.7	21.50	28.65
std deviation	1.56	1.85	4.03
LSD/sig.	2.11	P≤0.001	ns
<b>SEPAL EXTENSION</b>	medium	strong	very strong
<b>PETAL SIZE</b>	large	small	large
<b>PETAL COLOUR (RHS)</b>			
midzone outside	39B	53C	53D
midzone inside	41C	44B	63A
margin outside	48A	53C	63A
margin inside	40A	45B	63A
<b>BASAL SPOT COLOUR (RHS)</b>			
outside	2D	3C	12A
inside	2D	3B	7A
<b>PETAL REFLEXING</b>	medium	mild	medium

Table 29 Rose Varieties - continued

PETAL UNDULATION		
very weak	very weak	medium
STAMEN - COLOUR OF FILAMENT		
bronze	yellow	yellow
STYLE COLOUR		
purple	red	green
STIGMA IN RELATION TO ANTHERS		
above	above	level
SEED VESSEL SIZE		
small	small	medium

**'Frytranquil' syn. 'Golden Moments'**

Application No: 94/199 Accepted: 12 Oct 1994

Applicant: **Fryers Nurseries Ltd**, Knutsford, United KingdomAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 30, Figure 26) Plant: bushy rose. Stem thorns present, lower side profile concave. Young vegetative stem: anthocyanin present, red. Leaf: medium size. Terminal leaflet: cross section concave; margin undulation present; base obtuse. Flower: terminal, single, lower profile flat; petals many, medium size, yellow, reflexing medium, undulation absent, inner and outer basal spots absent; stamen filaments yellow; style red. Seed vessel: size medium; pitcher shaped

**Origin** Controlled pollination: 'Johnnie Walker' (seed parent) x 'Pot O'Gold' (pollen parent). Breeder: Gareth Fryer, Knutsford, Cheshire, United Kingdom. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparator: 'Freisa'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United Kingdom, 1992. First sold United Kingdom, 1991

Description: **Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd**, Adelaide, SA

Table 30 Rose Varieties

	'Frytranquil'	*'Freisa'
FLOWER DIAMETER (mm)		
mean	105.5	97.65
std deviation	4.41	4.38
LSD/sig.	4.95	P≤0.001
FLOWER SIZE		
	large	medium
TERMINAL LEAFLET LENGTH (mm)		
mean	51.10	67.25
std deviation	3.48	3.45
LSD/sig.	7.46	P≤0.001
TERMINAL LEAFLET WIDTH (mm)		
mean	31.00	43.85
std deviation	2.49	2.98
LSD/sig.	5.93	P≤0.001
LENGTH OF PETIOLULE (mm)		
mean	13.20	14.50
std deviation	2.09	1.70
LSD/sig.	1.68	ns
LEAF COLOUR		
	dark green	medium green
GLOSSINESS OF LEAF UPPER SIDE		
	strong	weak
THORN SHAPE - UPPER SIDE		
	flat	concave
THORN LENGTH (mm)		
mean	8.30	7.80
std deviation	0.57	1.06
LSD/sig.	0.74	ns
FLOWER PEDICEL THORNS/PRICKLES		
	few	absent
BUD SHAPE		
	conical	ovate
FLOWER PROFILE - UPPER		
	flattened convex	convex
FRAGRANCE		
	medium	strong
SEPAL LENGTH (mm)		
mean	29.40	26.35
std deviation	2.35	2.01
LSD/sig.	2.23	P≤0.001
SEPAL EXTENSION		
	weak	strong



Table 30 Rose Varieties - continued

PETAL COLOUR (RHS)		
midzone outside	10A	5C
midzone inside	10A	6A
margin outside	10C	6D
margin outside	11B	5C

STIGMA IN RELATION TO ANTHERS		
	below	same level

**'Frytrooper' syn. 'Daily Post'**

Application No: 94 /201 Accepted: 12 Oct 1994

Applicant: **Fryers Nurseries Ltd**, Knutsford, United KingdomAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 31, Figure 27) Plant: height medium; width medium; bushy rose. Stem thorns present, upper side profile flat, lower side profile concave. Young vegetative stem: anthocyanin present. Leaf: medium green, glossiness of upperside medium. Terminal leaflet: margin undulation present. Flower pedicel: prickles absent. Flower bud: ovate. Flower: clustered, semi double; petals red, inner and outer basal spots present; stamen filament yellow.

**Origin** Controlled pollination: 'Intrigue' (syn. 'Korlech') (seed parent) x '(Anytime x Liverpool Echo) x (New Penny x Unnamed seedling)' (pollen parent). Breeder: Gareth Fryer, Knutsford, Cheshire, United Kingdom. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparators: 'Gabriella', 'Mr Lincoln'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United Kingdom, 1993. First sold United Kingdom, 1992

Description: **Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd**, Adelaide, SA

**Table 31 Rose Varieties**

	'Frytrooper'	*'Gabriella'	*'Mr Lincoln'
<b>FLOWER DIAMETER (mm)</b>			
mean	48.25	66.7	100.85
std deviation	2.95	4.05	7.97
LSD/sig.	11.74	P≤0.001	P≤0.001

Table 31 Rose Varieties - continued

FLOWER SIZE			
	small	small	large

FLOWERING HABIT			
	cluster	single	single

LEAF SIZE			
	small	small	medium

TERMINAL LEAFLET LENGTH (mm)			
mean	42.05	49.05	64.75
std deviation	3.00	4.55	3.63
LSD/sig.	5.36	P≤0.01	P≤0.001

TERMINAL LEAFLET WIDTH (mm)			
mean	22.4	38.00	38.45
std deviation	2.09	2.09	2.68
LSD/sig.	4.15	P≤0.001	P≤0.001

LENGTH OF PETIOLULE (mm)			
mean	11.15	17.7	12.5
std deviation	1.46	1.98	1.88
LSD/sig.	1.75	P≤0.001	ns

SHAPE OF LEAFLET BASE			
	obtuse	round	round

TERMINAL LEAFLET CROSS SECTION			
	concave	concave	convex

COLOUR OF YOUNG SHOOT ANTHOCYANIN			
	red	purple	purple

THORN LENGTH (mm)			
mean	7.7	5.05	6.45
std deviation	0.57	1.10	0.89
LSD/sig.	0.73	P≤0.001	P≤0.001

NUMBER OF PETALS			
	medium (13-26)	many (26-50)	many (26-50)

FLOWER PROFILE - UPPER			
	flattened	flat	flattened
	convex		convex

FLOWER PROFILE - LOWER			
	flat	flat	flattened
			convex

FRAGRANCE			
	weak	absent	strong

SEPAL LENGTH (mm)			
mean	19.45	21.50	28.65
std deviation	1.93	1.85	4.03
LSD/sig.	2.52	ns	P≤0.001

SEPAL EXTENSION			
	weak	strong	very strong

PETAL SIZE			
	small	small	large

Table 31 Rose Varieties - continued

PETAL COLOUR (RHS)			
midzone outside	53B	53C	53D
midzone inside	53A	44B	63A
margin outside	53B	53C	63A
margin outside	185A	45B	63A
BASAL SPOT COLOUR (RHS)			
outside	8C	3C	12A
inside	9D	3B	7A
PETAL REFLEXING			
	mild	mild	medium
PETAL UNDULATION			
	very weak	very weak	medium
STYLE COLOUR			
	red	red	green
STIGMA IN RELATION TO ANTHERS			
	same level	above	same level
SEED VESSEL SIZE			
	small	small	medium
SEED VESSEL SHAPE			
	pear	funnel	funnel

**'Kooiana Butterscotch'** syn. **'St. Hilda's'**

Application No: 95/049 Accepted: 14 Feb 1995

Applicant: **Sunrise Flowers International Ltd**, Nowergup, WA

**Description** (Table 32, Figure 28) Plant: medium height and width, strongly remonant, bushy rose. Stem thorns many, profile of lower side deeply concave. Young vegetative stems: anthocyanin colour bronze. Leaf: size medium, dark green, glossiness moderate. Terminal leaflet: slightly convex in cross section, margin undulation weak, base round. Flower pedicel: glandular hairs few. Flower bud: profile ovate. Flower: double, size medium 84mm, upper profile flattened-convex, lower profile flat; petal size medium, yellow 21B, inner and outer basal spot absent, petal margins reflexing weak, undulations weak, fragrance strong, stamen filaments yellow, style yellow-green. Seed vessel: small.

**Origin** Spontaneous mutation: 'Golden Times', Sunrise Flowers International Ltd, Nowergup, WA, Jan 1992. Breeder: Peter Gibson, Sunrise Flowers International Ltd, Nowergup, WA. Selection criteria: unusual flower colour, strong fragrance, and its consistent vase life of 10 days when picked as a cut flower. Propagation: grafts to *R. manetti* rootstock for 4 generations.

**Comparative Trials** Comparator: 'Golden Times' (syn. 'Kortime', Kordes 1985). Location: Sunrise Flowers International Ltd, Nowergup, WA, May 1994 - May 1995. Conditions: open rooted; all plants grafted onto *R. manetti* virus indexed rootstock. Trial design: 300+ plants of each variety in single plant replicates in open beds, in greenhouses. Measurements: 20 random samples from each variety.

**Prior Applications and Sales Nil**Description: **Peter Gibson, Sunrise Flowers International Ltd**, Nowergup, WA

Table 32 Rose Varieties

	<b>'Kooiana Butterscotch'</b>	<b>*'Golden Times'</b>
LEAFLET: CROSS SECTION	slight convex	flat
TERMINAL LEAFLET: SHAPE OF BASE	round	wedge
FLOWER COLOUR (RHS)	21B	12B
PETAL: COLOUR (RHS)		
midzone outside	14C	14C
midzone inside	15C	15D
margin outside	19B	11D
margin inside	20D	11C

**'Kooiana Moonlight'** syn. **'Guildfordian'**

Application No: 95/047 Accepted: 14 Feb 1995

Applicant: **Sunrise Flowers International Ltd**, Nowergup, WA

**Description** (Table 33, Figure 29) Plant: medium width, strongly remonant rose. Stem thorns absent. Leaf: upper side glossiness weak. Terminal leaflet: convex in cross section; margin undulation weak. Flower: diameter medium, double, round, upper profile flat, lower profile flattened convex, white to yellow; petals few (mean 18), basal spot inner and outer present.

**Origin** Spontaneous mutation: 'Gerdo', Nowergup, WA, July 1992. Breeder: Peter Gibson, Sunrise Flowers International Ltd, Nowergup, WA Selection criteria: flower colour, bud shape, absence of thorns. Propagation: vegetative for four generations.

**Comparative trials** Comparators: 'Champagner', 'Kooiana Daybreak', 'Gerdo'. Location: Sunrise Flowers International Ltd, Nowergup, WA, May 1994-1995. Conditions: plants of all varieties grafted to *R. manetti* and *R. fortuneana* virus indexed rootstock. Trial design: 30 second, 300 third and 10 fourth generation plants with equal number of comparators, grown as single plant replicates in greenhouse and open beds. Measurements: 20 random samples from each variety/generation.

**Prior Applications and Sale Nil**Description: **Peter Gibson, Sunrise Flowers International Ltd**, Nowergup, WA

Table 33 Rose Varieties

	'Kooiana Moonlight'	**'Champagner'	*'Kooiana Daybreak'	*'Gerdo'
PLANT: GROWTH HABIT	bushy	narrow bushy	narrow bushy	bushy
PLANT: HEIGHT	medium	tall	tall	medium
YOUNG SHOOT: ANTHOCYANIN	weak	medium	medium	medium
YOUNG SHOOT: HUE OF ANTHOCYANIN	bronze	bronze	bronze	bronze/ red-brown
PRICKLES	absent	present	present	few
LEAF: SIZE	small	medium	medium	medium
LEAF: GREEN COLOUR (RHS)	medium 137A	dark 139A	dark 139A	medium 137A
LEAFLET: CROSS SECTION	convex	slightly concave	slightly concave	flat
TERMINAL LEAFLET: SHAPE OF BASE	round	obtuse	obtuse	round
FLOWER PEDICEL: NUMBER OF HAIRS	very few	very few	few	very few
FLOWER BUD: SHAPE OF LONGITUDINAL SECTION	ovate	broad ovate	ovate	ovate
FLOWER PROFILE				
upper side	flat	convex	flat/ convex	flat/ convex
lower side	flat/ convex	flat	flat/ convex	flat
FLOWER: FRAGRANCE	absent	absent	medium	weak
FLOWER: COLOUR (RHS)	18C	159D	36D	38C
SEPAL: EXTENSIONS	weak	medium	weak	weak
PETAL: SIZE	medium	medium	large	medium
PETAL: COLOUR (RHS)				
midzone outside	19D	159D	27D	37D
midzone inside	20D	159C	27D	38C
margin outside	158C	159C	27C	38C
margin inside	158A	159B	27C	38B

Table 33 Rose Varieties - continued

PETAL: SIZE OF SPOT AT BASE (mm)				
inside	5	2	4	5
outside	4	2	2	3
PETAL: COLOUR OF SPOT AT BASE (RHS)				
inside	7A	4C	3B	11A
outside	7B	4C	3A	11B
PETAL: REFLEXING OF MARGIN				
	medium	strong	medium	medium
PETAL: UNDULATION OF MARGIN				
	weak	absent	absent	weak
OUTER STAMEN: PREDOMINANT COLOUR OF FILAMENT				
	yellow	yellow/green	yellow	yellow
STYLE COLOUR				
	greenish/ white	red	red	yellow
SEED VESSEL: SIZE				
	small	medium	medium	small

**'Kooiana Watermelon'**

Application No: 95/048 Accepted: 14 Feb 1995

Applicant: **Sunrise Flowers International Ltd**, Nowergup, WA

**Description** (Table 34, Figure 30). Plant: tall, remontant, narrow bushy rose. Stem: moderately long 60cm, slightly zigzag; thorn number moderate, short thorns few, long thorns medium, profile of lower surface concave. Leaf: size medium, dark green 139A, glossiness of upper side weak. Terminal leaflet: margin undulation weak. Flower pedicel: glandular hairs few, small. Flower bud: bright orange-red. Flower: terminal, borne singly, doubles, size medium to large, round, upper profile flattened convex, lower profile flat; petals many; deep pink, basal spot inner and outer present, petal margin reflexing medium, margin undulation weak; fragrance medium; stamen filaments yellow; styles red. Seed vessel: size medium; pear shaped.

**Origin** Self pollination: 'Kooiana Daybreak', Nowergup, WA, 1989. Breeder: Peter Gibson, Sunrise Flowers International Ltd, Nowergup, WA. Selection criteria: orange red bud and flower colour, many petals, medium fragrant, and flowers borne on long stems. Propagation: vegetative for four generations

**Comparative trials** Comparators: 'Sylvia', 'Kooiana Daybreak'. Location: Sunrise Flowers International Ltd, Nowergup, WA, 1991 - 1994. Conditions: plants of all varieties grafted to *R indica*, *R. manetti*, and *R. fortuneana*; virus indexed root stock. Trial design: 12 second, 15 third, 300 fourth and 6 fifth generation with equal number of comparators grown as single plant replicates in both greenhouse and open beds. Measurements: 20 random samples from each variety/generation.

**Prior Applications and Sale**

Nil

Description: **Peter Gibson, Snnrise Flowers International Ltd,** Nowergup, WA**Table 34 Rose Varieties**

	'Kooiana Watermelon'	**Sylvia'	**Kooiana Daybreak'
YOUNG SHOOT ANTHOCYANIN	medium	strong	medium
YOUNG SHOOT: HUE OF ANTHOCYANIN	bronze/ red brown	red/brown	bronze
TERMINAL LEAFLET: CROSS SECTION	slightly concave	flat	slightly concave
TERMINAL LEAFLET: SHAPE OF BASE	round	obtuse	obtuse
FLOWER BUD: PROFILE	round	ovate	ovate
FLOWER: PROFILE OF UPPER PART	flat/convex	flat/convex	convex
FLOWER: PROFILE OF LOWER PART	flat	convex	flat
FLOWER: WHOLE COLOUR (RHS)	48C	63D	36D
SEPAL: EXTENSIONS	weak	medium	weak
PETAL: SIZE	medium	large	large
PETAL: COLOUR (RHS)			
midzone outside	43D	49B	158B
midzone inside	43D	38B	158C
margin outside	52C	49A	159C
margin inside	52C	50C	159D
PETAL: SIZE OF SPOT AT BASE (mm)			
inside	3	5	3
outside	4	2	2
PETAL: COLOUR OF SPOT AT BASE (RHS)			
inside	7A	7A	3D
	7A	7A	3D

**'Pink Kardinal'**

Application No: 94/077 Accepted: 28 Mar 1994

Applicant: **Leslie Stratford, Toongabbie, NSW****Description** (Table 35, Figure 31) Plant: narrow, bushy, remontant rose. Stem thorns deeply concave profile on

lower surface. Young vegetative shoot: anthocyanin colour weak bronze to reddish-brown. Leaf: medium size, light green, medium glossiness. Terminal leaflet: slightly concave in cross-section, weak undulation of the margin, base rounded. Flower pedicel: medium number of small glandular hairs. Flower bud profile: broad-ovate. Flower: terminally clustered, doubles, size medium, upper profile flat, lower profile concave; many petals, medium size, pink RHS 58B uniformly distributed; small yellowish basal spot RHS 3A, petal margins medium reflexing, weak undulation; weak fragrance; stamen filaments pink; stigma above or level with anthers; styles red. Seed vessel: small, funnel-shaped.

**Origin** Spontaneous mutation: 'Red Kardinal', Kellyville, NSW. Breeder: Leslie Stratford, Toongabbie, NSW. Selection criteria: flower and foliage colour. Propagation: vegetative for numerous generations.**Comparative Trial** Comparators: 'Red Kardinal', 'Peter Frankenfeld'. Location: Kellyville, NSW, Mar 1995. Conditions: 250mm pots; 'Pink Kardinal' was budded onto *Rosa multiflora* rootstock; potting mix consisted of peat, pine bark and coarse sand; overhead irrigation and 6 weekly applications of slow release fertiliser during the period of active growth. Trial design: more than 9 plants of each variety arranged in single plant replicates in open beds. Measurements: 20 random samples from each variety.**Prior applications and sales** First sold Australia, 1995Description: **Primrose Fox, Kellyville, NSW****Table 35 Rose Varieties**

	'Pink Kardinal'	**Red Kardinal'	**Peter Frankenfeld'
THORN LENGTH (mm)			
mean	7.3	7.5	6.0
std deviation	1.52	1.54	1.15
LSD/sig.	1.15	ns	P≤0.01
TERMINAL LEAFLET LENGTH First or second true leaf down from flower cluster (mm)			
mean	45.1	46.2	56.7
std deviation	5.89	6.27	5.1
LSD/sig.	4.67	ns	P≤0.01
SEPAL LENGTH (mm)			
mean	26.5	27.6	33.1
std deviation	3.1	5.7	3.0
LSD/sig.	3.17	P≤0.01	ns
LEAF COLOUR	light green	dark green	medium green
HUE OF ANTHOCYANIN	bronze/ reddish brown	reddish brown/ purple	purple

Table 35 Rose Varieties - continued

PETAL COLOUR			
midzone outside	58C	53C	61D
midzone inside	58B	45B	61C
margin outside	58C	53C	61D
margin inside	58B	45B	61C
STAMEN FILAMENT COLOUR			
	pink	red	yellow
TERMINAL LEAFLET BASE			
	rounded	rounded	obtuse
SEPAL EXTENSIONS			
	medium	strong	medium
SEED VESSEL SIZE			
	small	small	medium
SEED VESSEL SHAPE			
	funnel	funnel	pitcher

**'Smooth Melody'** syn. **'Hadmelody'**

Application No: 93/264 Accepted: 10 Dec 1993

Applicant: **Western Sun Roses**, Orinda, California, United States of AmericaAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 36, Figure 32) Plant: height short; width medium; bushy rose. Young vegetative stem: anthocyanin present, purple. Leaf: medium green, upperside glossiness medium. Terminal leaflet: width 37mm; cross section concave; base round. Flower pedicel: prickles absent. Flower bud: ovate. Flower: petals many, bicolor red and yellow; inner and outer basal spot absent. Seed vessel: funnel shaped.

**Origin** Controlled pollination: 'Royal Flush' (seed parent) x 'Smooth Lady' (pollen parent). Breeder: Harvey D Davidson, Orinda, California, United States of America. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparators: 'Gabriella', 'Mister Lincoln'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United States of America, 1991. First sold United States of America, 1990

Description: **Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd**, Adelaide, SA

Table 36 Rose Varieties

	'Smooth Melody'	**'Gabriella'	**'Mr Lincoln'
FLOWER DIAMETER (mm)			
mean	66.15	66.7	100.85
std deviation	2.46	4.05	7.97
LSD/sig.	8.91	ns	P≤0.001
FLOWER SIZE			
	small	small	large
FLOWERING HABIT			
	cluster	single	single
LEAF SIZE			
	medium	small	medium
TERMINAL LEAFLET LENGTH (mm)			
mean	51.15	49.05	64.75
std deviation	4.04	4.55	3.63
LSD/sig.	4.22	ns	P≤0.001
LENGTH OF PETIOLULE (mm)			
mean	16.55	17.7	12.5
std deviation	1.96	1.98	1.88
LSD/sig.	1.54	ns	P≤0.001
LEAFLET MARGIN UNDULATION			
	absent	present	present
THORNS			
	absent	present	present
FLOWER PROFILE- UPPER			
	flattened convex	flat	flattened convex
FLOWER PROFILE - LOWER			
	flat	flat	flattened convex
FRAGRANCE			
	medium	absent	strong
SEPAL LENGTH (mm)			
mean	19.10	21.50	28.65
std deviation	2.07	1.85	4.03
LSD/sig.	2.58	ns	P≤0.001
SEPAL EXTENSION			
	weak	strong	very strong
PETAL SIZE			
	small	small	large
PETAL COLOUR (RHS)			
midzone outside	11D	53C	53D
midzone inside	18C	44B	63A
margin outside	54D	53C	63A
margin outside	53A	45B	63A

Table 36 Rose Varieties - continued

PETAL BASAL SPOT INSIDE			
absent	present	present	
PETAL BASAL SPOT OUTSIDE			
absent	present	present	
PETAL REFLEXING			
medium	mild	medium	
PETAL UNDULATION			
medium	very weak	medium	
STAMEN - COLOUR OF FILAMENT			
bronze	yellow	yellow	
STYLE COLOUR			
red	red	green	
STIGMA IN RELATION TO ANTHERS			
above	above	level	
SEED VESSEL SIZE			
small	small	medium	

**'Smooth Perfume'** syn. **'Hadperfume'**

Application No: 93/265 Accepted: 13 Dec 1993

Applicant: **Western Sun Roses**, Orinda, California, United States of AmericaAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 37, Figure 33) Plant: width medium; bushy rose. Young vegetative stem: anthocyanin present. Leaf: size medium, upperside glossiness strong. Terminal leaflet: margin undulation present. Flower bud: ovate. Flower: terminal, single, lower profile flat, petals many, pink, inner and outer basal spots present; sepal extension weak; style red. Seed vessel: size medium, pitcher shaped.

**Origin** Controlled pollination: ('Smooth Sailing' x 'Medallion') (seed parent) x 'Blue Moon' (pollen parent). Breeder: Harvey D Davidson, Orinda, California, United States of America. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparators: 'Sonia', 'Queen Elizabeth'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United States of America, 1991. First sold United States of America, 1992

Description: **Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd**, Adelaide, SA

Table 37 Rose Varieties

	'Smooth Perfume'	**'Sonia'	**'Queen Elizabeth'
FLOWER DIAMETER (mm)			
mean	102.67	92.3	100.35
std deviation	4.82	3.85	5.91
LSD/sig.	5.56	P≤0.001	ns
FLOWER SIZE			
	large	medium	large
TERMINAL LEAFLET LENGTH (mm)			
mean	58.45	55.05	65.95
std deviation	4.75	2.33	4.03
LSD/sig.	5.00	ns	P≤0.001
TERMINAL LEAFLET WIDTH (mm)			
mean	36.75	37.8	41.75
std deviation	2.55	3.24	2.57
LSD/sig.	2.95	ns	P≤0.001
LENGTH OF PETIOLULE (mm)			
mean	18.95	14.2	14.55
std deviation	1.76	1.07	2.04
LSD/sig.	2.38	P≤0.001	P≤0.001
LEAF COLOUR			
	dark green	dark green	medium green
SHAPE OF LEAFLET BASE			
	obtuse	round	round
TERMINAL LEAFLET CROSS SECTION			
	flat	flat	concave
COLOUR OF YOUNG SHOOT ANTHOCYANIN			
	purple	red	purple
THORNS			
	absent	present	present
LOWER PEDICEL THORNS/PRICKLES			
	absent	few	absent
FLOWER PROFILE- UPPER			
	flattened	flat	flat
	convex		
FRAGRANCE			
	strong	medium	weak
SEPAL LENGTH (mm)			
mean	31.27	26.55	22.45
std deviation	2.76	1.64	2.14
LSD/sig.	3.46	P≤0.001	P≤0.001
PETAL SIZE			
	medium	medium	large

Table 37 Rose Varieties - continued

<b>PETAL COLOUR (RHS)</b>			
midzone outside	63C	49A	55C
midzone inside	63D	38B	49B
margin outside	65A	49C	55C
margin outside	63A	48C	48D
<b>BASAL SPOT COLOUR (RHS)</b>			
outside	11D	2D	2D
inside	9D	3D	6D
<b>PETAL REFLEXING</b>			
	medium	medium	mild
<b>PETAL UNDULATION</b>			
	medium	very weak	medium
<b>STAMEN - COLOUR OF FILAMENT</b>			
	bronze	yellow	pinkish/ yellow
<b>STIGMA IN RELATION TO ANTHERS</b>			
	level	above	level

**'Smooth Prince' syn. 'Hadprince'**

Application No: 93/263 Accepted: 10 Dec 1993

Applicant: **Western Sun Roses**, Orinda, California, United States of AmericaAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 38, Figure 34) Plant: height medium; width medium; bushy rose. Young vegetative stem: anthocyanin present. Leaf: upperside glossiness medium. Terminal leaflet: margin undulation present; base round. Flower pedicel: prickles absent. Flower bud: ovate. Flower: terminal, single; petals red, inner and outer basal spots present.

**Origin** Controlled pollination: 'Smooth Sailing' (seed parent) x 'Old Smoothie' (pollen parent). Breeder: Harvey D Davidson, Orinda, California, United States of America. Selection criteria: flower colour. Propagation: vegetative by grafting.

**Comparative Trials** Comparators: 'Gabriella', 'Mister Lincoln'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** Granted United States of America, 1991. First sold United States of America, 1990

Description: **Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd**, Adelaide, SA

**Table 38 Rose Varieties**

	'Smooth Prince'	*'Gabriella'	**'Mr Lincoln'
<b>FLOWER DIAMETER (mm)</b>			
mean	86.95	66.7	100.85
std deviation	5.07	4.05	7.97
LSD/sig.	7.93	P≤0.001	P≤0.001
<b>FLOWER SIZE</b>			
	medium	small	large
<b>LEAF SIZE</b>			
	medium	small	medium
<b>TERMINAL LEAFLET LENGTH (mm)</b>			
mean	57.3	49.05	64.75
std deviation	4.29	4.55	3.63
LSD/sig.	4.00	P≤0.001	P≤0.001
<b>TERMINAL LEAFLET WIDTH (mm)</b>			
mean	36.8	38.00	38.45
std deviation	3.65	2.09	2.68
LSD/sig.	1.65	ns	P≤0.01
<b>LENGTH OF PETIOLULE (mm)</b>			
mean	14	17.7	12.5
std deviation	2.81	1.98	1.88
LSD/sig.	1.63	P≤0.001	ns
<b>LEAF COLOUR</b>			
	dark green	medium green	medium green
<b>TERMINAL LEAFLET CROSS SECTION</b>			
	flat	concave	convex
<b>COLOUR OF YOUNG SHOOT ANTHOCYANIN</b>			
	red	purple	purple
<b>THORNS</b>			
	absent	present	present
<b>NUMBER OF PETALS</b>			
	medium (13-26)	many (26-50)	many (26-50)
<b>FLOWER PROFILE- UPPER</b>			
	flattened/ convex	flat	flattened/ convex
<b>FLOWER PROFILE - LOWER</b>			
	flat	flat	flattened convex
<b>FRAGRANCE</b>			
	weak	absent	strong
<b>SEPAL LENGTH (mm)</b>			
mean	28.85	21.50	28.65
std deviation	2.37	1.85	4.03
LSD/sig.	2.34	P≤0.001	ns



Table 38 Rose Varieties - continued

SEPAL EXTENSION			
	absent	strong	very strong
PETAL SIZE			
	small	small	large
PETAL COLOUR (RHS)			
midzone outside	54A	53C	53D
midzone inside	61C	44B	63A
margin outside	63B	53C	63A
margin outside	63A	45B	63A
BASAL SPOT COLOUR (RHS)			
outside	9D	3C	12A
inside	8D	3B	7A
PETAL REFLEXING			
	weak	weak	medium
PETAL UNDULATION			
	medium	very weak	medium
STAMEN - COLOUR OF FILAMENT			
	bronze	yellow	yellow
STYLE COLOUR			
	red	red	green
STIGMA IN RELATION TO ANTHERS			
	above	above	same level
SEED VESSEL SIZE			
	medium	small	medium
SEED VESSEL SHAPE			
	pitcher	funnel	funnel

**'Suntick' syn. 'Tickled Pink'**

Application No: 94/202 Accepted: 6 Feb 1995

Applicant: **Frank Bart Schuurman**, Whenuapai, New ZealandAgent: **St Kilda Roses Pty Ltd**, Waterloo Corner, SA

**Description** (Table 39, Figure 35.) Plant: bushy rose. Stem thorns absent. Leaf: size medium; upperside glossiness weak. Terminal leaflet: concave in cross section; margin undulation present; base round. Flower pedicel: prickles absent. Flower bud: profile ovate. Flower: single, upper profile convex, lower profile flat; petals many, size medium, pink colour outside RHS 19D/18D, colour inside RHS 36D/19D, outside basal spot RHS 2C, inside basal spot RHS 1D, petal margin reflexing medium, margin undulation absent; stamen filament yellow; style red. Seed vessel: size medium, funnel shaped.

**Origin** Controlled pollination: 'Jacaranda' (seed parent) x 'Gold Medal' (pollen parent). Breeder: Frank Bart Schuurman, Whenuapai, New Zealand. Selection criteria: bud and flower colour; absence of thorns. Propagation: vegetative by grafting.

**Comparative Trials** Comparators: 'Sonia', 'Queen Elizabeth'. Location: Waterloo Corner, St Kilda, SA, Aug 1994 - Feb 1995. Conditions: virus indexed Dr Huey root stock; plant spacing 1m x 0.9m; pre-ripped, raised open beds; red loam soil; drip irrigated, complete fertiliser as required, chemical and mechanical weed control. Trial design: 10 plants of each variety arranged in two rows in unreplicated blocks. Measurements: 20 random samples from each variety.

**Prior Applications and Sales** NilDescription: **Peter Scholefield, Scholefield Robinson Horticultural Services Pty Ltd**, Adelaide, SA

Table 39 Rose Varieties

	'Suntick'	**'Sonia'	**'Queen Elizabeth'
FLOWER DIAMETER (mm)			
mean	94.45	92.3	100.35
std deviation	5.11	3.85	5.91
LSD/sig.	5.06	ns	P≤0.01
FLOWER SIZE			
	medium	medium	large
TERMINAL LEAFLET LENGTH (mm)			
mean	69.35	55.05	65.95
std deviation	4.00	2.33	4.03
LSD/sig.	5.95	P≤0.001	ns
TERMINAL LEAFLET WIDTH (mm)			
mean	42.95	37.8	41.75
std deviation	3.19	3.24	2.57
LSD/sig.	3.11	P≤0.001	ns
LENGTH OF PETIOLULE (mm)			
mean	17.05	14.2	14.55
std deviation	2.04	1.07	2.04
LSD/sig.	1.93	P≤0.001	P≤0.001
LEAF COLOUR			
	dark green	dark green	medium green
GLOSSINESS OF LEAF UPPER SIDE			
	weak	strong	strong
TERMINAL LEAFLET CROSS SECTION			
	concave	flat	concave
COLOUR OF YOUNG SHOOT ANTHOCYANIN			
	purple	red	purple
THORNS			
	absent	present	present
FLOWER PEDICEL THORNS/PRICKLES			
	absent	few	absent

Table 39 Rose Varieties - continued

FLOWER PROFILE - UPPER			
	flattened/ convex	flat	flat
FRAGRANCE			
	strong	medium	weak
SEPAL LENGTH (mm)			
mean	24.00	26.55	22.45
std deviation	1.78	1.64	2.14
LSD/sig.	2.10	P≤0.01	ns
SEPAL EXTENSION			
	medium	weak	weak
PETAL SIZE			
	medium	medium	large
PETAL COLOUR (RHS)			
midzone outside	18D	49A	55C
midzone inside	19D	38B	49B
margin outside	36D	49C	55C
margin inside	36D	48C	48D
BASAL SPOT COLOUR (RHS)			
outside	1D	2D	2D
inside	2C	3D	6D
PETAL REFLEXING			
	medium	medium	mild
PETAL UNDULATION			
	very weak	very weak	medium
STIGMA IN RELATION TO ANTHERS			
	below	above	level
SEED VESSEL SHAPE			
	funnel	pitcher	pitcher

**'Woman's Day' syn. 'Welira'**

Application No: 92/018 Accepted: 7 Feb 1992

Applicant: **Eric Welsh Roses**, Erina, NSWAgent: **Rose and Fruit Tree Limited**, Somersby, NSW

**Description** (Table 40, Figure 36) Plant: bushy compact, remontant. Stem thorns many, deeply concave on lower surface; few glandular hairs on pedicel. Young vegetative shoot colour bronze to reddish-brown. Leaf: size medium, dark green with weakly glossy upper surface, short prickles on under side. Terminal leaflet: concave in cross section; lamina weakly undulating, base rounded. Flower pedicel: smooth or with a few glandular hairs. Flower bud profile: ovate. Flower: clusters of 3-5; doubles; size medium, upper profile flat; many petals, medium size; inner petal margins pink RHS 68D, midzone RHS 155A, indistinct inner and outer basal spots RHS 150D; petal margins weak reflexing, strong undulation; medium fragrance; stamen filaments pink; stigma level with anthers; style pink. Seed vessel: small, funnel-shaped.

**Origin** Controlled pollination: 'Avandel' (seed parent) by 'Welpa' (pollen parent). Breeder: Eric Welsh, Eric Welsh Roses, NSW. Selection criteria: compact growth, colour stability, and rapid repeat blooming characteristics. Propagation: vegetative.

**Comparative Trial** Comparators: 'Bridal Pink', 'Happy Days'. Location: Kellyville, NSW, Mar 1995. Conditions: 250mm pots; 'Woman's Day' was budded onto *Rosa multiflora* rootstock; overhead irrigation and 6 weekly applications of slow release fertiliser during the periods of active growth. Trial design: 6-10 plants of each variety arranged in single plant replicates in open beds. Measurements: 20 random samples.

**Prior applications and sales** First sold Australia, 1993

Description: **Primrose Fox**, Kellyville, NSW

Table 40 Rose Varieties

	'Woman's Day'	**'Bridal' Pink'	**'Happy Days'
TERMINAL LEAFLET LENGTH (mm) first or second true leaf down from flower cluster			
mean	44.1	52.5	51.8
std deviation	4.36	6.41	6.57
LSD/sig.	5.04	P≤0.01	P≤0.01
TERMINAL LEAFLET WIDTH (mm)			
mean	29.9	33.0	33.9
std deviation	3.67	4.79	4.63
LSD/sig.	3.52	ns	P≤0.01
TERMINAL LEAFLET PETIOLULE LENGTH (mm)			
mean	10.55	11.55	15.95
std deviation	2.645	2.837	2.855
LSD/sig.	2.34	ns	P≤0.01
FLOWER DIAMETER (mm) fully open			
mean	81.5	88.1	96.5
std deviation	6.51	6.29	7.13
LSD/sig.	5.5	P≤0.01	P≤0.01
SEPAL LENGTH (mm)			
mean	25.2	32.7	29.5
std deviation	3.46	4.12	2.59
LSD/sig.	2.5	P≤0.01	P≤0.01
TERMINAL LEAFLET BASE			
	rounded	obtuse	rounded
SEPAL EXTENSIONS			
	absent/ weak	weak	medium
PETAL COLOUR (RHS)			
midzone inside	155A	49C	65C
midzone outside	155B	49D	65D
margin inside	68D	49B	66D
margin outside	68A	49D	65B

Table 40 Rose Varieties - continued

PETAL UNDULATIONS			
strong	medium	medium	
SEED VESSEL SHAPE			
funnel	pitcher	pitcher	

**STRAWBERRY***Fragaria x ananassa***'Kabarla'** syns. **'Redlands Kabarla'** and **'45/90'**

Application No: 95/192 Accepted: 31 Jul 1995

Applicant: **The State of Queensland through its Department of Primary Industries, Brisbane, QLD****Table 41 Strawberry Varieties**

	<b>'Kabarla'</b>	<b>*'Pajaro'</b>	<b>*'Parker'</b>	<b>*'Selva'</b>	<b>*'Earlisweet'</b>
PLANT HABIT: RATIO OF HEIGHT TO WIDTH	flat	globose	flat-globose	flat	flat
PLANT VIGOUR	weak	medium	strong	weak	medium
LEAF: GREEN COLOUR OF UPPER SIDE	light green	dark green	medium green	medium green	medium green
TERMINAL LEAFLET: MEAN RATIO LENGTH TO WIDTH					
mean	1.13	1.10	1.16	1.08	1.29
std deviation	0.14	0.05	0.09	0.10	0.11
LSD/sig.	0.12	ns	ns	ns	P≤0.01
TERMINAL LEAFLET: SHAPE OF BASE	acute	obtuse	acute	acute	acute
FLOWER SIZE	medium	large	large	large	small
DIAMETER OF COROLLA (mm)					
mean	28	29	34	32	26
std deviation	2.9	2.3	2.8	2.6	2.0
LSD/sig.	3.1	ns	P≤0.01	P≤0.01	ns
PETAL: LENGTH TO WIDTH RATIO	broader than long	as long as broad	broader than long	broader than long	as long as broad
FRUIT SIZE:	medium	large	very large	large	small
FRUIT: BAND WITHOUT ACHENES	narrow	narrow	medium	narrow	medium
FRUIT: COLOUR GROUP OF FLESH	medium red	pale rose	medium red	medium red	pale rose
ADHERENCE OF CALYX	medium	medium	medium	weak	weak
FRUIT FIRMNESS	firm	medium	very firm	very firm	soft

**Description** (Table 41, Figure 37) Plant: flat, weak vigour. Leaf: flat, very little or no blistering. Terminal leaflet: length breadth ratio 1.13, acute base, teeth obtuse-round, petiole hairs point outwards; anthocyanin absent from stipules. Stolons: many. Inflorescence: borne above the foliage. Flowers: size 28mm, calyx and corolla same size. Petals: overlap, broader than long. Fruit: as long as broad, conical, red, medium glossy; achenes inserted below and calyx inserted level with the fruit surface, clasping calyx same size as fruit diameter. Fruit well displayed, easily harvested, only slightly damaged by rain. Flower and fruit production early and continues throughout the season.

**Origin** Controlled pollination: 'Earlisweet' (seed parent) x 'Selva' (pollen parent) in 1989. Breeders: M Herrington, S Prytz, J Moisaner and J Howell Queensland Department of Primary Industries. Selection criteria: early production, fruit size, shape, firmness, colour, ease of harvest and consumer acceptability. Propagation: runners and tissue culture from virus indexed plants.

**Comparative Trials** Comparators: 'Earlisweet', 'Selva', 'Parker', 'Pajaro'. Location: Redlands Research Station (RRS), Cleveland, QLD Mar - Oct 1993. Conditions: Plants established 16 Mar from fresh runners grown at RRS, double-row beds with reflective polythene mulched; water and nutrients applied with trickle irrigation as necessary. Trial design: 48 plants of each variety in randomised complete blocks; 4 replicates; spacing 40cm in rows 30cm between rows, 1.25m between bed-centres. Measurements: 12 random samples from variety.

**Prior Applications and Sales** Nil

Description: M Herrington, Queensland Department of Primary Industries, QLD

## GRANTS

### ALSTROEMERIA

*Alstroemeria aurea*

#### 'Felicity'

Application No: 93/175 Grantee: **Arie Van der Spek**  
Certificate No: 469 Expiry Date: 6 Jan 2014

*Alstroemeria* hybrid

#### 'Alaska'

Application No: 94/039 Grantee: **Koninklijke Van Zanten BV**  
Certificate No: 459 Expiry Date: 28 Feb 2014

#### 'Atlanta'

Application No: 94/040 Grantee: **Koninklijke Van Zanten BV**  
Certificate No: 460 Expiry Date: 28 Feb 2014

#### 'Flamengo'

Application No: 92/146 Grantee: **Lezan V.O.F.**  
Certificate No: 467 Expiry Date: 24 Sep 2012

#### 'Gloria'

Application No: 94/038 Grantee: **Koninklijke Van Zanten BV**  
Certificate No: 462 Expiry Date: 28 Feb 2014

#### 'Iberia'

Application No: 94/037 Grantee: **Koninklijke Van Zanten BV**  
Certificate No: 463 Expiry Date: 28 Feb 2014

#### 'Nevada'

Application No: 92/147 Grantee: **Koninklijke Van Zanten BV**  
Certificate No: 468 Expiry Date: 24 Sep 2012

#### 'Toscana'

Application No: 94/041 Grantee: **Koninklijke Van Zanten BV**  
Certificate No: 461 Expiry Date: 28 Feb 2014

#### 'Victoria'

Application No: 92/148 Grantee: **Koninklijke Van Zanten BV**  
Certificate No: 473 Expiry Date: 24 Sep 2012

### AZALEA

*Rhododendron simsii*

#### 'Evyonne Goolagong' syn. 'White Bouquet Variegated'

Application No: 94/136 Grantee: **Rodger Max Davidson**  
Certificate No: 480 Expiry Date: 21 Jun 2014

#### 'Ostalett'

Application No: 94/069 Grantee: **Gartenbaubetrieb Stahnke-Dettmer**  
Certificate No: 487 Expiry Date: 10 Mar 2014

#### 'Ostali'

Application No: 94/072 Grantee: **Gartenbaubetrieb Stahnke-Dettmer**  
Certificate No: 483 Expiry Date: 10 Mar 2014

#### 'Otto'

Application No: 94/071 Grantee: **Gartenbaubetrieb Stahnke-Dettmer**  
Certificate No: 485 Expiry Date: 10 Mar 2014

#### 'Theo'

Application No: 94/070 Grantee: **Gartenbaubetrieb Stahnke-Dettmer**  
Certificate No: 484 Expiry Date: 10 Mar 2014

*Rhododendron* hybrid

#### 'Princess Barbara' syn. '77-8-C'

Application No: 94/139 Grantee: **James B Shanks**  
Certificate No: 479 Expiry Date: 21 Jun 2014

#### 'Princess Pat' syn. '70-27-1'

Application No: 94/138 Grantee: **James B Shanks**  
Certificate No: 481 Expiry Date: 21 Jun 2014

#### 'Princess Sharon' syn. '68-13-3'

Application No: 94/137 Grantee: **James B Shanks**  
Certificate No: 486 Expiry Date: 21 Jun 2013

**BROADBEAN***Vicia faba***'Icarus'**

Application No: 92/007 Grantee: **Luminis Pty Ltd**  
 Certificate No: 492 Expiry Date: 13 Jan 2014

**CREEK LILLY PILLY***Syzygium australe***'Blaze'**

Application No: 93/166 Grantee: **Juna Kebblewhite**  
 Certificate No: 458 Expiry Date: 4 Aug 2013

**GLOBE ARTICHOKE***Cynara scolymus***'Imperial Star' syn. 'UC-IS-89 (86-024)'**

Application No: 93/221 Grantee: **The Regents of the University of California**  
 Certificate No: 455 Expiry Date: 7 Oct 2013

**HARDENBERGIA***Hardenbergia violacea***'Bushy Blue'**

Application No: 94/105 Grantee: **Evelyn M Weidner**  
 Certificate No: 472 Expiry Date: 9 May 2014

**LANTANA***Lantana sellowiana***'Monswee' syn. 'Lavender Swirl'**

Application No: 92/030 Grantee: **Monrovia Nursery Company**  
 Certificate No: 457 Expiry Date: 7 May 2012

**LETTUCE***Lactuca sativa***'Marksman'**

Application No: 94/195 Grantee: **Arthur Yates & Co Ltd**  
 Certificate No: 478 Expiry Date: 24 Oct 2014

**LIMONIUM***Limonium perigrinum***'Ballerina Rose'**

Application No: 90/056 Grantee: **New Zealand Institute for Crop & Food Research**  
 Certificate No: 456 Expiry Date: 15 May 2010

**MACADAMIA***Macadamia integrifolia x tetraphylla***'Hidden Valley A38' syn. 'A38'**

Application No: 92/179 Grantee: **HFD, MA & DJD Bell**  
 Certificate No: 482 Expiry Date: 16 Dec 2012

**MILLET***Echinochloa frumentacea***'Indus' syn. 'CPI 108921'**

Application No: 93/248 Grantee: **CSIRO Division of Tropical Crops & Pastures**  
 Certificate No: 466 Expiry Date: 6 Dec 2013

**POTATO***Solanum tuberosum***'Nadine'**

Application No: 92/075 Grantee: **Caithness Potato Breeders Ltd**  
 Certificate No: 465 Expiry Date: 3 Jul 2012

**ROSE***Rosa***'Auscrim' syn. 'L D Braithwaite'**

Application No: 93/104 Grantee: **David Austin Roses**  
 Certificate No: 474 Expiry Date: 1 Apr 2013

**'Ausfin' syn. 'Financial Times Centenary'**

Application No: 93/105 Grantee: **David Austin Roses**  
 Certificate No: 476 Expiry Date: 1 Apr 2013

**'Ausmit' syn. 'St Cecilia'**

Application No: 92/061 Grantee: **David Austin Roses**  
 Certificate No: 475 Expiry Date: 7 May 2012

**'Benfig' syn. 'Figurine'**

Application No: 93/149 Grantee: **Frank Benardella**  
 Certificate No: 477 Expiry Date: 7 Jul 2013

**'Meichoiju' syn. 'City of Adelaide'**

Application No: 92/107 Grantee: **SNC Meilland et Cie**  
 Certificate No: 491 Expiry Date: 28 Jul 2012

**'Meipitac' syn. 'Carefree Wonder'**

Application No: 92/106 Grantee: **SNC Meilland et Cie**  
 Certificate No: 488 Expiry Date: 28 Jul 2012

**'Meipopul' syn. 'Coral Meidiland'**

Application No: 92/125 Grantee: **SNC Meilland et Cie**  
 Certificate No: 489 Expiry Date: 7 Sep 2012

**'Meitonje' syn. 'Pretty Polly'**

Application No: 92/105 Grantee: **SNC Meilland et Cie**  
 Certificate No: 490 Expiry Date: 28 Jul 2012

**'SUNTink' syn. 'Tinkerbelle'**

Application No: 92/175 Grantee: **Frank Bart Schuurman**  
 Certificate No: 471 Expiry Date: 2 Dec 2012

**SWEET CHERRY***Prunus avium***'Brooks' syn. '12-28'**

Application No: 93/220 Grantee: **The Regents of the University of California**  
 Certificate No: 470 Expiry Date: 7 Oct 2013

**VENUS FLY TRAP***Dionaea muscipula*

**'Royal Red'**

Application No: 93/069 Grantee: **Mr Geoffrey Mansell**  
Certificate No: 464 Expiry Date: 19 Feb 2013

**WHEAT**

*Triticum aestivum*

**'Rowan'**

Application No: 93/188 Grantee: **The State of Queensland through its Department of Primary Industries**  
Certificate No: 493 Expiry Date: 27 Aug 2013

**'Tasman'**

Application No: 93/189 Grantee: **The State of Queensland through its Department of Primary Industries**  
Certificate No: 494 Expiry Date: 27 Aug 2013

**APPLICATIONS VARIED**

*Humulus lupulus* '**Hokuto-ace**' (94/095) has changed variety name to '**Furano No. 18**'.

The *Petunia* varieties '**Blue Highlights**' syn. '**Revolution Bluevein**', '**Pink Highlights**' syn. '**Revolution Pinkvein**', and '**Blushing Pink**' syn. '**Revolution Pinkmini**' with application numbers 94/155, 94/156, and 94/157 are now to be known as '**Sunsolos**' syn. '**Blue Highlights**', '**Suntosol**' syn. '**Pink Highlights**', and '**Suntovan**' syn. '**Blushing Pink**' respectively.

**APPLICATIONS WITHDRAWN**

*Lolium multiflorum* '**Conker**' Application No: 94/035.

*Rosa* '**Poulester**' syn. '**Easter Parade**': '**Poulina**' syn. '**Ballerina Parade**': '**Poulcar**' syn. '**Pink Parade**': '**Poulals**' syn. '**Coral Parade**': '**Poulstar**' syn. '**Starlight Parade**' with Application Nos: 92/116: 92/117: 92/119: 92/120: and 92/115 respectively.

*Dianthus* '**Stagibrig**' syn. '**Bright Eye Gypsy**' and '**Stagidark**' syn. '**Dark Eye Gypsy**' with Application Nos: 90/122; and 90/124 respectively.

*Citrus* '**Rohde Summer Navel**' Application No: 89/005.

*Anigozanthos* '**Bush Sunshine**' Application No: 94/064.

*Lomandra* '**Green 'n' Gold**' Application No: 94/183.

*Impatiens* '**Celebration Light Lavender**' Application No: 94/114.

*Daphne* '**Star White**' Application No: 94/127.

*Scaevola* '**Golden Fanfare**' Application No: 94/096.

*Syngonium* '**Ultra**' Application No: 92/008.

*Chloris* '**Capital**' Application No: 93/079.

*Sapium* '**Johan Harder**' Application No: 91/074.

**APPLICATIONS SURRENDERED**

*Lactuca* '**Bulls Eye**' Application No: 88/007, Grant No: 7.

*Brassica* '**Yickadee**' Application No: 90/025, Grant No: 114; '**Barossa**' Application No: 90/026, Grant No: 115.

*Pisum* '**Dinkum**' with Application No: 88/036, Grant No: 12.

Submissions objecting to the surrender of these rights must be lodged with the Registrar 30 days from the end of the month in which these public notice are published.

**CORRIGENDA**

*Lantana*. In 7(1) March 1994 p10, the varietal name was incorrectly given as '**Lavender Swirl**'. The correct varietal name is '**Monswee**' with the synonym being '**Lavender Swirl**'. In 7(4) December 1994 p57, the varietal name was given as '**Monsuee**', the correct varietal name is '**Monswee**'. In 8(3) September 1995, the *Lantana* variety '**Monswee**' was granted under the species name *L. sellowiana* not *L. montevidensis*. Both are correct synonyms of the one species.

*Rosa*. '**Welpeach**' Application No: 93/245, '**Meivouplix**' syn. '**Kabulki**' Application No: 89/055 and '**Meivrofix**' syn. '**Zurella**' Application No: 89/056 were mistakenly declared as withdrawn in the June issue 8(2) of this journal whereas they are in fact surrendered.

The applicant of *Petunia* '**Tiger Light**' Application No: 95/014 was mistakenly given in the June issue 8(2) of this journal as **Dr Keith Hammett** whereas it should read **Bob Pearce**.

In 8(2) June 1995 p31, the applicants for the *Chamelaucium* variety '**Cascade Mist**' Application No: 93/160, Grant 442 were given as **AJ Newport & Son** whereas it should read **AJ Newport & Son & Plantex Australia**.

## APPENDIX 1

### FEES

PBR Fees	\$
Application	300
Examination - single application	1400
Examination - application based on overseas test data	1400
Examination - multiple applications*	1200
Certificate of PBR	300
<b>Total Basic Fees</b>	<b>2000</b>

\* Applicable to 2 or more varieties of the same species tested at the same site when applications are lodged simultaneously by the same applicant or agent, and descriptions are subsequently lodged and examined simultaneously.

Annual Fee 300

### Other Fees

Variation to application	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

### 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.

The appropriate **examination fee** must be paid before the expiry of the 12th month from the date of acceptance of the application. 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.

### 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.



## 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 Kevin Boyce  
Principal Officer, Seed Services  
Plant Services Division  
South Australian Department of Agriculture  
GPO Box 1671  
ADELAIDE SA 5001  
Representative with appropriate qualifications and experience

Dr Bryan Cox  
General Manager, Research & Development, Goodman Fielder Ingredients Ltd  
Private Bag 396  
GLADESVILLE NSW 2111  
Representative of consumers

Mr Rodney Field  
WMR Box 758  
ESPERANCE WA 6450  
Representative with appropriate qualifications and experience.

Dr Andrew Granger  
Senior Research Officer, South Australian Research and Development Institute  
c/- Lenswood Horticultural Centre  
LENSWOOD SA 5240  
Representative of breeders

Dr Brian Hare  
Director of Research  
Pacific Seeds  
PO Box 337  
TOOWOOMBA QLD 4350  
Representative of breeders.

Dr Mick Lloyd (Chair)  
Registrar Plant Breeders Rights  
GPO Box 858  
CANBERRA ACT 2601

Mr Edgar (Ben) Swane  
Director Swane Bros P/L  
Galston Road  
DURAL NSW 2158  
Representative of producers

## 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 fulfil the role of 'qualified person' in the application for plant breeder's rights. Neither accreditation nor publication of a name in the list of persons is an implicit recommendation of the person so listed. The PBR office cannot be held liable for damages that may arise from the omission or inclusion of a person's name in the list nor does it assume any responsibility for losses or damages arising from agreements entered into between applicants and any person in the list of accredited persons. Qualified persons charge a fee for services rendered.

### A guide to the use of the index of consultants:

locate in the left column of Table 1 the plant group for which you are applying;

listed in the right column are the names of accredited qualified persons from which you can choose a consultant;

in Table 2 find that consultant's name, telephone number and area in which they are willing to consult (they may consult outside the nominated area);

using the "Nomination of Qualified Person" form as a guide, agree provisionally on the scope and terms of the consultancy; complete the form and attach it to Part 1 of the application form;

when you are notified that your nomination of a consultant qualified person is acceptable in the letter of acceptance of your application for PBR you should again consult the qualified person when planning the rest of the application for PBR.

**TABLE 1**

PLANT GROUP/SPECIES/FAMILY	CONSULTANT'S NAME (TELEPHONE AND AREA IN TABLE 2)
Apple	Baxter, Leslie Jotic, Predo Mackay, Alastair Mitchell, Leslie Robinson, Ben Scholefield, Peter Stearne, Peter Tancred, Stephen Valentine, Bruce
Aquatic	Birkill, Ann-Marie
Anigozanthos	Paananen, Ian Kirby, Greg
Aroid	Clarke, Charles
Azalea	Barrett, Mike Hempel, Maciej Paananen, Ian

Barley (Common)	Rees, Robert Trethowan, Richard	Clover	Miller, Jeff Mitchell, Leslie Nichols, Phillip
Berry Fruit	Robinson, Ben Scholefield, Peter Wilson, Stephen	Conifer	Stearne, Peter
Blueberry	Barthold, Graham	Cotton	Bullen, Kenneth Derera, Nicholas AM Leske, Richard Thomson, Norman
Brassica	Aberdeen, Ian Cross, Richard Kadkol, Gururaj Robinson, Ben Scholefield, Peter	Cucurbits	Cross, Richard Herrington, Mark Robinson, Ben Scholefield, Peter Sykes, Stephen
Bromeliads	Clarke, Charles	Cydonia	Baxter, Leslie
Buddleia	Robb, John Paananen, Ian	Dogwood	Stearne, Peter
Camellia	Paananen, Ian Robb, John	Feijoa	McDonald, David Robinson, Ben Scholefield, Peter
Carnivorous Plants	Clarke, Charles	Fig	FitzHenry, Daniel
Cereals	Bullen, Kenneth Cook, Bruce Cooper, Kath Cross, Richard Davidson, James Derera, Nicholas AM Hare, Raymond Henry, Robert J Law, Mary Ann McDonald, David Mitchell, Leslie Oates, John Poulsen, David Reid, Robert Rees, Robert Rose, John Scattini, Walter John Smart, Geoffrey Stearne, Peter Stuart, Peter Vertigan, Wayne Williams, Warren Wilson, Frances	Forage Brassicas	Goulden, David
Cherry	Kennedy, Peter Mackay, Alastair Mitchell, Leslie Robinson, Ben Scholefield, Peter	Forage Grasses	Berryman, Tim Bray, Robert Kirby, Greg Mitchell, Leslie
Chickpeas	Goulden, David	Forage Legumes	Miller, Jeff
Citrus	Edwards, Megan Fox, Primrose Lee, Slade McDonald, David Mitchell, Leslie Robinson, Ben Scholefield, Peter Sykes, Stephen	Fruit	Bath, Geoffrey Beal, Peter Lenoir, Roland Mitchell, Leslie Pearson, Craig Robinson, Ben Scholefield, Peter
		Grapes	Bath, Geoffrey Biggs, Eric Mitchell, Leslie Robinson, Ben Scholefield, Peter Stearne, Peter Sykes, Stephen
		Grevillea	Herrington, Mark
		Hydrangea	Hanger, Brian
		Impatiens	Paananen, Ian
		Industrial Crops	Milthorpe, Peter
		Jojoba	Dunstone, Bob

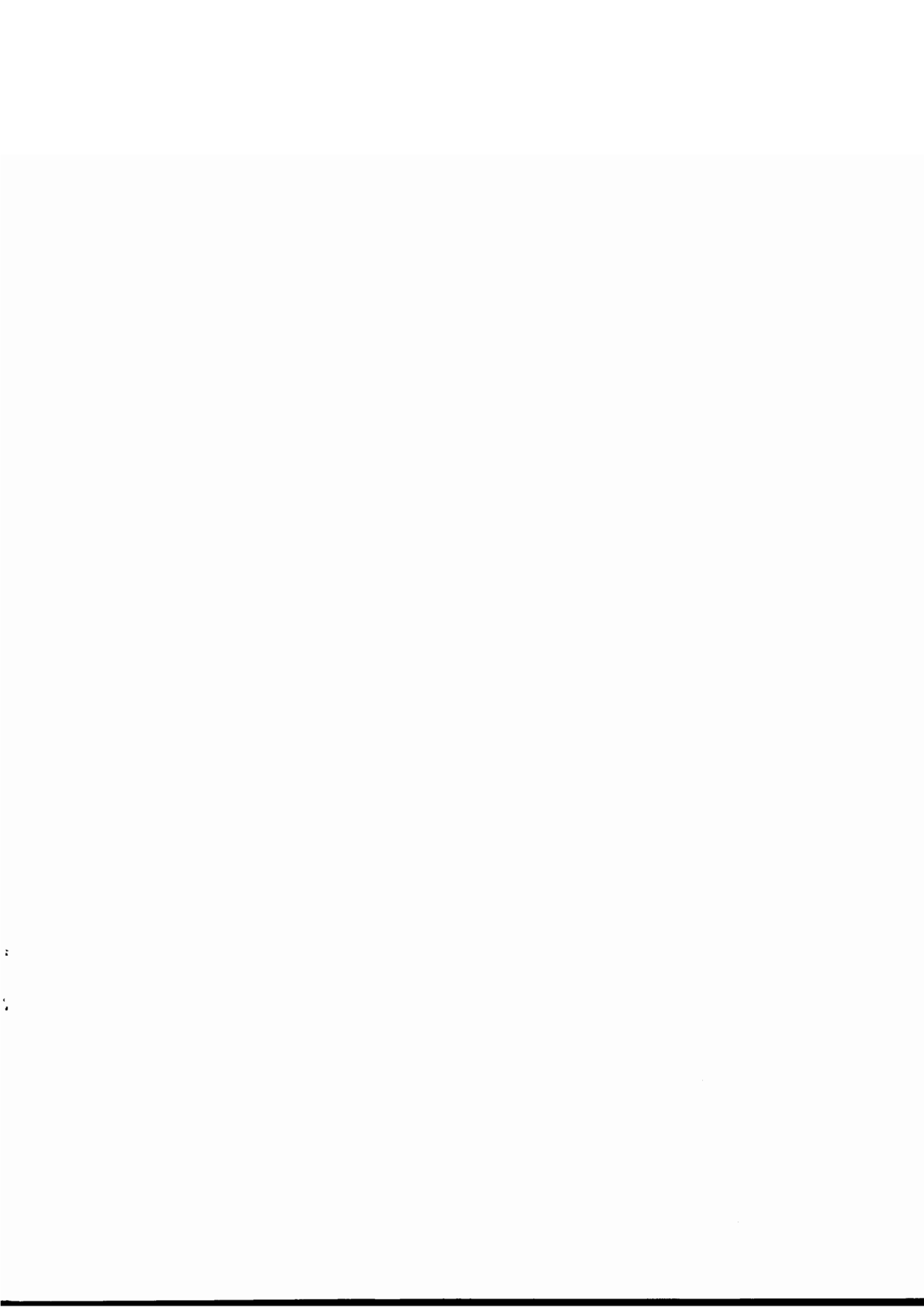
Legumes	Aberdeen, Ian Bowman, Alison Bray, Robert Cook, Bruce Downes, Ross Hacker, Byran Imrie, Bruce Kirby, Greg Knights, Edmund Law, Mary Ann Loch, Don McDonald, David Mitchell, Leslie Reid, Robert Rose, John	Stewart, Angus Strange, Pamela Watkins, Phillip
Lentils	Goulden, David	
Lucerne	Mitchell, Leslie Nichols, Phillip	
Magnolia	Paananen, Ian	
Myrtaceae	Dunstone, Bob Reid, Robert	
Neem	Friend, Joe	
Oat	Rees, Robert Trethowan, Richard	
Oilseed crops	Downes, Ross Poulsen, David	
Onions	Cross, Richard Fennell, John Robinson, Ben Scholefield, Peter Strange, Pamela	
Orchids	Clarke, Charles	
Ornamentals - Exotic	Armitage, Paul Bath, Geoffrey Birkill, Ann-Marie Collins, Ian Cooling, Beth Cross, Richard Dawson, Iain Derera, Nicholas AM Fisk, Anne Marie Hempel, Maciej Kirkham, Roger Lenoir, Roland Lowe, Greg Lunghusen, Mark Mitchell, Leslie Nichols, David Oates, John Paananen, Ian Robb, John Robinson, Ben Scholefield, Peter Singh, Deo	Allen, Paul Barrett, Mike Beal, Peter Boden, Robert Bound, Sally Anne Collins, Ian Cooling, Beth Dawson, Iain Derera, Nicholas AM Downes, Ross Fisk, Anne Marie Henry, Robert J Hockings, David Jack, Brian Jusaitis, Manfred Kirby, Greg Kirkham, Roger Lenoir, Roland Lowe, Greg Lunghusen, Mark Milthorpe, Peter Molyneux, W M Nichols, David Oates, John Robinson, Ben Scholefield, Peter Singh, Deo Strange, Pamela Tan, Beng Watkins, Phillip Worrall, Ross
Ornamentals - Indigenous		
Ornithopus		Nichols, Phillip
Osmanthus		Paananen, Ian Robb, John
Pastures & Turf		Aberdeen, Ian Avery, Angela Berryman, Tim Bowman, Alison Cook, Bruce Cunningham, Peter Downes, Ross Harrison, Peter Hacker, Bryan Kaapro, Jyri Kirby, Greg Lee, Choo Kiang Loch, Don Miller, Jeff Mitchell, Leslie Rose, John Smith, Raymond Scattini, Walter John Williams, Warren Wilson, Frances

Pear	Baxter, Leslie Mackay, Alastair Robinson, Ben Scholefield, Peter Tancred, Stephen Valentine, Bruce	Stone Fruit	Barrett, Mike Boucher, Wayne Mackay, Alistair Robinson, Ben Scholefield, Peter Valentine, Bruce
Petunia	Paananen, Ian	Strawberry	Barthold, Graham Herrington, Mark Martin, Stephen Mitchell, Leslie Morrison, Bruce Robinson, Ben Scholefield, Peter Strange, Pamela Wilson, Stephen Zorin, Clara
Photinia	Robb, John	Tomato	Cross, Richard Gopal, Ram Herrington, Mark Martin, Stephen Robinson, Ben Scholefield, Peter Strange, Pamela
Pistacia	Sykes, Stephen	Triticale (x Triticosecale Wittmack)	Rees, Robert Trethowan, Richard
Pisum	Goulden, David	Tropical/Sub-Tropical Crops	Bullen, Kenneth Robinson, Ben Scholefield, Peter
Potatoes	Cross, Richard Fennell, John Kirkham, Roger Robinson, Ben Scholefield, Peter Strange, Pamela Stearne, Peter	Umbrella Tree	Paananen, Ian
Proteaceae	Alexander, Susan Kirby, Neil Reid, Robert Robb, John Robinson, Ben Scholefield, Peter	Vegetables	Bath, Geoffrey Beal, Peter Cross, Richard Derera, Nicholas AM Frkovic, Edward Gopal, Ram Kirkham, Roger Lenoir, Roland Oates, John Pearson, Craig Robinson, Ben Scholefield, Peter Scott, Peter Strange, Pamela Van Holthe, Jan Westra
Pulse Crops	Bullen, Kenneth Cross, Richard Oates, John	Verbena	Paananen, Ian
Prunus	Mackay, Alastair Topp, Bruce	Wheat (Aestivum & Durum Groups)	Rees, Robert Trethowan, Richard
Raspberry	Barthold, Graham Martin, Stephen Robinson, Ben Scholefield, Peter		
Rhododendron	Barrett, Mike Paananen, Ian		
Roses	Barrett, Mike Cross, Richard Fox, Primrose Hanger, Brian Lee, Peter McDonald, David Robinson, Ben Scholefield, Peter Stearne, Peter Strange, Pamela Swane, Geoff Syrus, A Kim		
Rye (Common)	Rees, Robert Trethowan, Richard		
Sesame	Imrie, Bruce		
Soybean	Andrews, Judith		

TABLE 2

NAME	TELEPHONE	AREA OF OPERATION
• = Fax number •• = Phone and Fax number		
Aberdeen, Ian	057-82 1029	SE Australia
Alexander, Susan	002-784 333	TAS
Allen, Paul	07-824 0263	SE QLD, Northern NSW
Andrews, Judith	069-530 214 069-530 268 •	Southern NSW, Northern VIC
Armitage, Paul	03-756 7233	VIC
Avery, Anglea	060-304500	South Eastern Australia
Barthold, Graham	059-97 1413	Southern VIC
Barrett, Mike	02-875 3087	NSW/ACT
Bath, Geoffrey	057-625520	VIC, Southern NSW, TAS
Baxter, Leslie	002-784 358	TAS
Beal, Peter	07-28 61488	QLD & Northern NSW
Berryman, Tim	045 775 172	Sydney & Environs
Biggs, Eric	050-23 2400 ••	Mildura Area
Birkill, Ann-Marie	07-374 1839	Australia
Boden, Robert	06-295 7720	Australia
Boucher, Wayne	002-664 305	TAS
Bound, Sally Anne	002-784 357	TAS
Bowman, Alison	068-887 404	North/Western NSW & QLD
Bray, Robert	07-378 3158	QLD & Northern NSW
Bullen, Ken	063-62 4539	QLD/NSW/VIC
Clarke, Charles	077-81 5727	North QLD
Collins, Ian	045-666 177	Sydney
Cook, Bruce	074-82 1522	QLD
Cooling, Beth	075-934 253(w) 075-332 277(a/h)	Gilston, QLD
Cooper, Katharine	08-372 2280	Australia
Cross, Richard	64-3-325 6400 64 3 325 2074•	New Zealand
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	AM02-639 3072	Australia
Downes, Ross	06-255 1461••	ACT, South East NSW
Dunstone, Bob	06-281 1754	South East NSW
Edwards, Megan	050-245603	VIC/NSW
Fennell, John	004-217 633	TAS
Fisk, Anne Marie	059-89 2817	Melbourne region
FitzHenry, Daniel	048-622 487	Sydney and surrounding districts
Fox, Primrose	02-629 2245	Sydney
Friend, Joe	070-914 188	Northern QLD & NSW
Frkovic, Edward	069-62 7333	Australia
Gopal, Ram	03-810 8800	VIC
Goulden, David	64-3-325 6400 64-3-325 2074•	New Zealand
Hacker, Bryan	07-377 0210	South QLD, Northern NSW
Hanger, Brian	03-756 7532	VIC
Hare, Ray	067-631 232	QLD, NSW VIC & SA
Harrison, Peter	089-851894	Casuarina, NT and NW of WA
Hempel, Maciej	046-28 0376	NSW, QLD, VIC, SA
Henry, Robert J	07-870 9007	SE QLD
Herrington, Mark	07-286 1488	Southern QLD
Hockings, Francis David	074-943385	Southern QLD
Imrie, Bruce	07-377 0209	SE QLD
Jack, Brian	099-525 040	South West WA
Jotic, Predo	002-664305	TAS
Jusaitis, Manfred	08-336 3755	SA
Kadkol, Gururaj	053-82 1269	North Western VIC
Kaapro, Jyri	02-736 1233 02-743 6348 •	Sydney and surrounding areas
Kennedy, Peter	063-82 1077	Australia
Kirby, Greg	08-201 2176	SA
Kirby, Neil	047-542 637	NSW
Kirkham, Roger	059-629218	VIC
Knights, Edmund	067-631 100	North Western NSW
Law, Mary Ann	076-38 4322	Toowoomba region
Lenoir, Roland	06-231 881	Australia
Lee, Choo Kiang	055-730900	South East VIC
Lee, Peter	003-301147	SE Australia
Lee, Slade	071-556 244	QLD / Northern NSW
Leske, Richard	076-713136	Cotton growing regions of QLD & NSW
Loch, Don	074-821522	QLD
Lowe, Greg	043-622 057 043-622 003•	Sydney, Central Coast NSW
Lunghusen, Mark	059-624 768	Melbourne & environs
Mackay, Alastair	097-711 299 097-712 544•	WA
Martin, Stephen	002-784307	TAS
McDonald, David	083-627 911 083-630 610•	VIC/NSW/SA/QLD
Miller, Jeff	64-6-358-6019 extn 8106	Manawatu region, New Zealand
Milthorpe, Peter	068-952099	Condobolin district, NSW
Mitchell, Leslie	058-212 021 058 311 592•	VIC, Southern NSW
Molyneux, William	03-728 1222	VIC
Morrison, Bruce	03-210 9251	East of Melbourne
Nichols, David	059-77 4755	SE Melbourne, Mornington Peninsula and Dandenong Ranges, VIC
Nichols, Phillip	09-368 3229	WA
Oates, John	046-51 2601	Sydney region, Eastern Australia
Paananen, Ian	043-62 2418	Sydney/Newcastle
Pearson, Craig	02-692 2222	Australia
Poulsen, David	076-61 2944	SE QLD, Northern NSW
Rees, Robert	076-389 808 076-398 800•	SE QLD, Northern NSW
Reid, Robert	003-36 5449	Australia
Robb, John	043-76 1330 043-76 1271•	Sydney, Central Coast NSW
Robinson, Ben	08-373 2488	SE Australia
Rose, John	076-61 2944	SE QLD
Scattini, Walter John	07-356 0863/356 0371 07-356 0863•	Tropical and sub-tropical Australia
Scholefield, Peter	08 373 2488	SE Australia
Scott, Peter	06-653 1362	Sydney region
Singh, Deo	018-880 787 07-207 5998•	Brisbane

Smart, Geoffrey	046 512 600	NSW
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	SA
Stuart, Peter	076-902 666	SE QLD
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
Thomson, Norman	067-93 1105	NSW, QLD
Topp, Bruce	076 811 255	SE QLD, Northern NSW
Trethowan, Richard	053-622 111	VIC
Valentine, Bruce	063 61 3919	NSW
Van Holthe Jan Westra	03-706 3033	Australia
Vertigan, Wayne	003-36 5221	TAS
Watkins, Phillip	09-525 1800	Perth Region
Williams, Warren	64-6-356 8019	New Zealand
Wilson, Frances	64-3-318 8514	Canterbury, New Zealand
Wilson, Robert	054-496 244	VIC, Murray Region of NSW
Wilson, Stephen	002-784 364	SE Australia
Worrall, Ross	043-280 300	Australia
Zorin, Clara	07-207 4306	Eastern Australia



# GOOD NEWS

*for the*  
NURSERY INDUSTRY!

**T**he *Plant Breeders Rights Act 1994* has now commenced and **PBR Australia** (formerly Plant Variety Rights) is able to offer greater protection and more benefits to plant breeders than ever before.

- ⌘ controlled distribution and sales
- ⌘ penalties for infringement
- ⌘ more species protected
- ⌘ test marketing before application
- ⌘ reduced fees
- ⌘ sustainable returns

*PBR Australia - Protecting your investment*